

| Service | Description                                                  | Type      |
|---------|--------------------------------------------------------------|-----------|
| S013574 | CATALOG TABLE DIRECTORY SERVICE TO SUPPORT DB2 12 V12R1M507  | PTF       |
| S013706 | SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507   | PTF       |
| S013707 | SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507   | PTF       |
| S013708 | SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507   | PTF       |
| S013709 | SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507   | PTF       |
| S013711 | UPDATE CORRELATION VALUE FOR DB2 CONNECTION TYPE RRSAF       | PTF       |
| S013726 | DDL00020 INCORRECTLY ISSUED ON PRIMARY KEY                   | PTF       |
| S013758 | INCORRECT APPLCOMPAT LEVEL GENERATED FOR DEPRECATED OBJECTS  | PTF       |
| S013764 | ENHANCED SUPPORT FOR TEMPLATE STATEMENTS                     | PTF       |
| S013765 | ENHANCED SUPPORT FOR TEMPLATE STATEMENTS                     | PTF       |
| S013766 | ENHANCED SUPPORT FOR TEMPLATE STATEMENTS                     | PTF       |
| S013767 | ENHANCED SUPPORT FOR TEMPLATE STATEMENTS                     | PTF       |
| S013768 | ENHANCED SUPPORT FOR TEMPLATE STATEMENTS                     | PTF       |
| S013781 | INCORRECT COLUMNS GENERATED IN PARTITION CLAUSE              | PTF       |
| S013794 | SOC4 IN RML@REP2 WHEN MQT TEXT HAS CHANGES                   | PTF       |
| S013807 | TEMPLATES, PROC AND JCL FOR DEVOPS FOR DB2 SCHEMA MANAGEMENT | PTF       |
| S013814 | ANALYSIS HANGS WHEN USING CUSTOMIZED REORG UTILITY           | PTF       |
| S013825 | BATCH UNLOAD UTILITY FAILING IF TESTVER PARAMETER IS MISSING | ** PRP ** |
| S013827 | INFRASTRUCTURE FOR FUTURE ENHANCEMENT                        | PTF       |
| S013839 | REMOVE VERSION DEPENDENCY ON GROUP SETTING                   | PTF       |
| S013842 | SQL LOAD FAILS WITH RX995 ERROR                              | PTF       |
| S013878 | SOC4 IN RML@STRT IF STRATEGY HAS NEWLY CREATED TABLESPACE    | PTF       |
| S013879 | REPAIR UTILITY FAILS WITH DSNU671I IN ADOR                   | PTF       |
| S013880 | REPAIR UTILITY FAILS WITH DSNU671I IN ADOR                   | PTF       |
| S013881 | REPAIR UTILITY FAILS WITH DSNU671I IN ADOR                   | PTF       |
| S013887 | EXCEPTION SQL TEXT TRUNCATED                                 | PTF       |
| S013889 | DETECTOR MAY ABEND WITH SOC4 DURING COLLECTION SHUTDOWN      | PTF       |
| S013891 | ACCELERATOR FIELDS IDAA7 SUPPORT                             | PTF       |
| S013908 | REMOVE VERSION DEPENDENCY ON XMANID SETTING                  | PTF       |
| S013909 | REMOVE VERSION DEPENDENCY ON XMANID SETTING                  | PTF       |
| S013930 | RC/MERGER EXECUTION FAILS WHEN MQT IS DEFINED ON VIEW        | PTF       |
| S013960 | DB2 ABEND PFU SHRLEVEL CHANGE / KEY LABEL CLONE TABLES ERROR | ** PRP ** |
| S013961 | DB2 ABEND PFU SHRLEVEL CHANGE / KEY LABEL CLONE TABLES ERROR | **HIPER** |
| S013973 | LBIND/LREBIND FAILS WITH SQLCODE -305                        | PTF       |
| S013974 | REORG NOT GENERATED WHEN ADDING A COLUMN AT THE END OF TABLE | PTF       |
| S013982 | ENABLE ZIIP SUPPORT IN SQL TRANSFORMATION SERVICE            | PTF       |
| S013985 | UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION        | PTF       |
| S013986 | UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION        | PTF       |
| S013987 | UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION        | PTF       |
| S013988 | UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION        | PTF       |
| S013990 | ADD PARTITION ISSUES IN ALTER TABLE                          | PTF       |
| S014016 | STORAGE MANAGEMENT CHANGES FOR IDB2 ACCOUNTING               | PTF       |
| S014025 | INCORRECT SPACE MAP HEADER FIELDS                            | *HIP/PRP* |
| S014029 | SUPPORT FOR HUFFMAN COMPRESSION                              | PTF       |
| S014030 | SUPPORT FOR HUFFMAN COMPRESSION                              | PTF       |
| S014031 | SUPPORT FOR HUFFMAN COMPRESSION                              | PTF       |
| S014032 | SUPPORT FOR HUFFMAN COMPRESSION                              | PTF       |

CA DB2 Tools 20.0  
CA RS 2008 Service List

2

| Service                                             | Description                                                  | Type      |
|-----------------------------------------------------|--------------------------------------------------------------|-----------|
| S014033                                             | SUPPORT FOR HUFFMAN COMPRESSION                              | PTF       |
| S014034                                             | SUPPORT FOR HUFFMAN COMPRESSION                              | PTF       |
| S014035                                             | SUPPORT FOR HUFFMAN COMPRESSION                              | PTF       |
| S014036                                             | SUPPORT FOR HUFFMAN COMPRESSION                              | PTF       |
| S014052                                             | Security or Integrity Problem                                | ** PRP ** |
| S014053                                             | PFU0217E BP-LOOKUP / INTERNAL PROCESSING ERROR UTAFUFMT      | PTF       |
| S014054                                             | PFU0217E BP-LOOKUP / INTERNAL PROCESSING ERROR UTAFUFMT      | PTF       |
| S014093                                             | ERROR CODE '04 WHILE LOADING APPL_PGM_DETAIL'                | PTF       |
| S014099                                             | SUPPORT FOR DB2 12 IFCID CHANGES                             | PTF       |
| S014101                                             | ALIAS LIST HELP PANELS ARE NOT CURRENT                       | PTF       |
| S014137                                             | ADOR REFORMAT                                                | PTF       |
| S014142                                             | ALTER TABLE ADD PARTITION IN DDL REPORT                      | PTF       |
| S014164                                             | INSTANCE IDENTIFIER CHANGES - MOI                            | PTF       |
| S014168                                             | MAINFRAME TEAM CENTER ADD ABILITY TO EXPORT TO CSV           | PTF       |
| S014173                                             | OVERALLOCATION OF INDEX SECQTY SPACE                         | PTF       |
| S014235                                             | ABEND U387 AFTER S013761                                     | ** PRP ** |
| S014252                                             | LOAD ABENDS WITH U100 WHEN TABLE HAS ORDERED IDENTITY COLUMN | PTF       |
| The CA RS 2008 service count for this release is 64 |                                                              |           |

CA DB2 Tools  
CA RS 2008 Service List for CIDBK00

3

| FMID                                            | Service | Description                                                  | Type      |
|-------------------------------------------------|---------|--------------------------------------------------------------|-----------|
| CIDBK00                                         | S013825 | BATCH UNLOAD UTILITY FAILING IF TESTVER PARAMETER IS MISSING | ** PRP ** |
|                                                 | S013891 | ACCELERATOR FIELDS IDAA7 SUPPORT                             | PTF       |
|                                                 | S014016 | STORAGE MANAGEMENT CHANGES FOR IDB2 ACCOUNTING               | PTF       |
|                                                 | S014093 | ERROR CODE '04 WHILE LOADING APPL_PGM_DETAIL'                | PTF       |
|                                                 | S014099 | SUPPORT FOR DB2 12 IFCID CHANGES                             | PTF       |
|                                                 | S014164 | INSTANCE IDENTIFIER CHANGES - MOI                            | PTF       |
| The CA RS 2008 service count for this FMID is 6 |         |                                                              |           |

CA DB2 Tools  
CA RS 2008 Service List for CINSK00

4

| FMID                                             | Service | Description                                                  | Type      |
|--------------------------------------------------|---------|--------------------------------------------------------------|-----------|
| CINSK00                                          | S013574 | CATALOG TABLE DIRECTORY SERVICE TO SUPPORT DB2 12 V12R1M507  | PTF       |
|                                                  | S013711 | UPDATE CORRELATION VALUE FOR DB2 CONNECTION TYPE RRSF        | PTF       |
|                                                  | S013726 | DDL00020 INCORRECTLY ISSUED ON PRIMARY KEY                   | PTF       |
|                                                  | S013764 | ENHANCED SUPPORT FOR TEMPLATE STATEMENTS                     | PTF       |
|                                                  | S013794 | SOC4 IN RML@REP2 WHEN MQT TEXT HAS CHANGES                   | PTF       |
|                                                  | S013807 | TEMPLATES, PROC AND JCL FOR DEVOPS FOR DB2 SCHEMA MANAGEMENT | PTF       |
|                                                  | S013814 | ANALYSIS HANGS WHEN USING CUSTOMIZED REORG UTILITY           | PTF       |
|                                                  | S013827 | INFRASTRUCTURE FOR FUTURE ENHANCEMENT                        | PTF       |
|                                                  | S013839 | REMOVE VERSION DEPENDENCY ON GROUP SETTING                   | PTF       |
|                                                  | S013878 | SOC4 IN RML@STRT IF STRATEGY HAS NEWLY CREATED TABLESPACE    | PTF       |
|                                                  | S013908 | REMOVE VERSION DEPENDENCY ON XMANID SETTING                  | PTF       |
|                                                  | S013930 | RC/MERGER EXECUTION FAILS WHEN MQT IS DEFINED ON VIEW        | PTF       |
|                                                  | S013973 | LBIND/LREBIND FAILS WITH SQLCODE -305                        | PTF       |
|                                                  | S013974 | REORG NOT GENERATED WHEN ADDING A COLUMN AT THE END OF TABLE | PTF       |
|                                                  | S013985 | UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION        | PTF       |
|                                                  | S014029 | SUPPORT FOR HUFFMAN COMPRESSION                              | PTF       |
|                                                  | S014052 | Security or Integrity Problem                                | ** PRP ** |
|                                                  | S014168 | MAINFRAME TEAM CENTER ADD ABILITY TO EXPORT TO CSV           | PTF       |
|                                                  | S014173 | OVERALLOCATION OF INDEX SECQTY SPACE                         | PTF       |
| The CA RS 2008 service count for this FMID is 19 |         |                                                              |           |

CA DB2 Tools  
CA RS 2008 Service List for COFSK00

| FMID                                            | Service | Description                                                 | Type |
|-------------------------------------------------|---------|-------------------------------------------------------------|------|
| COFSK00                                         | SO13758 | INCORRECT APPLCOMPAT LEVEL GENERATED FOR DEPRECATED OBJECTS | PTF  |
|                                                 | SO13781 | INCORRECT COLUMNS GENERATED IN PARTITION CLAUSE             | PTF  |
|                                                 | SO13990 | ADD PARTITION ISSUES IN ALTER TABLE                         | PTF  |
| The CA RS 2008 service count for this FMID is 3 |         |                                                             |      |

CA DB2 Tools  
CA RS 2008 Service List for CPDAK00

| FMID                                            | Service | Description                                           | Type |
|-------------------------------------------------|---------|-------------------------------------------------------|------|
| CPDAK00                                         | S013986 | UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION | PTF  |
|                                                 | S014030 | SUPPORT FOR HUFFMAN COMPRESSION                       | PTF  |
| The CA RS 2008 service count for this FMID is 2 |         |                                                       |      |

CA DB2 Tools  
CA RS 2008 Service List for CPDTK00

7

| FMID                                            | Service | Description                                             | Type      |
|-------------------------------------------------|---------|---------------------------------------------------------|-----------|
| CPDTK00                                         | S013887 | EXCEPTION SQL TEXT TRUNCATED                            | PTF       |
|                                                 | S013889 | DETECTOR MAY ABEND WITH SOC4 DURING COLLECTION SHUTDOWN | PTF       |
|                                                 | S013987 | UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION   | PTF       |
|                                                 | S014235 | ABEND U387 AFTER S013761                                | ** PRP ** |
| The CA RS 2008 service count for this FMID is 4 |         |                                                         |           |

CA DB2 Tools  
CA RS 2008 Service List for CPFLK00

| FMID                                            | Service | Description                                                  | Type      |
|-------------------------------------------------|---------|--------------------------------------------------------------|-----------|
| CPFLK00                                         | S013706 | SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507   | PTF       |
|                                                 | S013765 | ENHANCED SUPPORT FOR TEMPLATE STATEMENTS                     | PTF       |
|                                                 | S014025 | INCORRECT SPACE MAP HEADER FIELDS                            | *HIP/PRP* |
|                                                 | S014031 | SUPPORT FOR HUFFMAN COMPRESSION                              | PTF       |
|                                                 | S014252 | LOAD ABENDS WITH U100 WHEN TABLE HAS ORDERED IDENTITY COLUMN | PTF       |
| The CA RS 2008 service count for this FMID is 5 |         |                                                              |           |



CA DB2 Tools  
CA RS 2008 Service List for CPFUK00

| FMID                                            | Service | Description                                                  | Type      |
|-------------------------------------------------|---------|--------------------------------------------------------------|-----------|
| CPFUK00                                         | S013707 | SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507   | PTF       |
|                                                 | S013766 | ENHANCED SUPPORT FOR TEMPLATE STATEMENTS                     | PTF       |
|                                                 | S013960 | DB2 ABEND PFU SHRLEVEL CHANGE / KEY LABEL CLONE TABLES ERROR | ** PRP ** |
|                                                 | S014032 | SUPPORT FOR HUFFMAN COMPRESSION                              | PTF       |
|                                                 | S014053 | PFU0217E BP-LOOKUP / INTERNAL PROCESSING ERROR UTAFUFMT      | PTF       |
| The CA RS 2008 service count for this FMID is 5 |         |                                                              |           |

CA DB2 Tools  
CA RS 2008 Service List for CPLAK00

| FMID                                            | Service | Description                                | Type |
|-------------------------------------------------|---------|--------------------------------------------|------|
| CPLAK00                                         | S013879 | REPAIR UTILITY FAILS WITH DSNU671I IN ADOR | PTF  |
|                                                 | S014033 | SUPPORT FOR HUFFMAN COMPRESSION            | PTF  |
|                                                 | S014137 | ADOR REFORMAT                              | PTF  |
|                                                 | S014142 | ALTER TABLE ADD PARTITION IN DDL REPORT    | PTF  |
| The CA RS 2008 service count for this FMID is 4 |         |                                            |      |

CA DB2 Tools  
CA RS 2008 Service List for CPPAK00

11

| FMID                                            | Service | Description                                           | Type |
|-------------------------------------------------|---------|-------------------------------------------------------|------|
| CPPAK00                                         | S013988 | UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION | PTF  |
| The CA RS 2008 service count for this FMID is 1 |         |                                                       |      |

CA DB2 Tools  
CA RS 2008 Service List for CPRRK00

| FMID                                            | Service | Description                                                | Type |
|-------------------------------------------------|---------|------------------------------------------------------------|------|
| CPRRK00                                         | S013708 | SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507 | PTF  |
|                                                 | S014034 | SUPPORT FOR HUFFMAN COMPRESSION                            | PTF  |
| The CA RS 2008 service count for this FMID is 2 |         |                                                            |      |

CA DB2 Tools  
CA RS 2008 Service List for CPUTK00

| FMID                                            | Service | Description                                                  | Type      |
|-------------------------------------------------|---------|--------------------------------------------------------------|-----------|
| CPUTK00                                         | S013709 | SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507   | PTF       |
|                                                 | S013767 | ENHANCED SUPPORT FOR TEMPLATE STATEMENTS                     | PTF       |
|                                                 | S013880 | REPAIR UTILITY FAILS WITH DSNU671I IN ADOR                   | PTF       |
|                                                 | S013961 | DB2 ABEND PFU SHRLEVEL CHANGE / KEY LABEL CLONE TABLES ERROR | **HIPER** |
|                                                 | S014035 | SUPPORT FOR HUFFMAN COMPRESSION                              | PTF       |
|                                                 | S014054 | PFU0217E BP-LOOKUP / INTERNAL PROCESSING ERROR UTAFUFMT      | PTF       |
| The CA RS 2008 service count for this FMID is 6 |         |                                                              |           |

CA DB2 Tools  
CA RS 2008 Service List for CPXNK00

14

| FMID                                            | Service | Description                                 | Type |
|-------------------------------------------------|---------|---------------------------------------------|------|
| CPXNK00                                         | S013909 | REMOVE VERSION DEPENDENCY ON XMANID SETTING | PTF  |
| The CA RS 2008 service count for this FMID is 1 |         |                                             |      |

CA DB2 Tools  
CA RS 2008 Service List for CRCQK00

15

| FMID                                            | Service | Description                            | Type |
|-------------------------------------------------|---------|----------------------------------------|------|
| CRCQK00                                         | S014101 | ALIAS LIST HELP PANELS ARE NOT CURRENT | PTF  |
| The CA RS 2008 service count for this FMID is 1 |         |                                        |      |

CA DB2 Tools  
CA RS 2008 Service List for CRCXK00

16

| FMID                                            | Service | Description                     | Type |
|-------------------------------------------------|---------|---------------------------------|------|
| CRCXK00                                         | S013842 | SQL LOAD FAILS WITH RX995 ERROR | PTF  |
| The CA RS 2008 service count for this FMID is 1 |         |                                 |      |



CA DB2 Tools  
CA RS 2008 Service List for CSQ2100

17

| FMID                                            | Service | Description                                       | Type |
|-------------------------------------------------|---------|---------------------------------------------------|------|
| CSQ2100                                         | SO13982 | ENABLE ZIIP SUPPORT IN SQL TRANSFORMATION SERVICE | PTF  |
| The CA RS 2008 service count for this FMID is 1 |         |                                                   |      |

CA DB2 Tools  
CA RS 2008 Service List for CUGRK00

18

| FMID                                            | Service | Description                                | Type |
|-------------------------------------------------|---------|--------------------------------------------|------|
| CUGRK00                                         | S013768 | ENHANCED SUPPORT FOR TEMPLATE STATEMENTS   | PTF  |
|                                                 | S013881 | REPAIR UTILITY FAILS WITH DSNU671I IN ADOR | PTF  |
|                                                 | S014036 | SUPPORT FOR HUFFMAN COMPRESSION            | PTF  |
| The CA RS 2008 service count for this FMID is 3 |         |                                            |      |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13574 | <p>SO13574 M.C.S. ENTRIES = ++PTF (SO13574)</p> <p>CATALOG TABLE DIRECTORY SERVICE TO SUPPORT DB2 12 V12R1M507</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>Internal enhancement to add support for Db2 12 Catalog Level V12R1M507 to the internal Catalog Table Directory Service of the CA Database Management Solutions for DB2 for z/OS.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Database Management Solutions for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>GEN 1420</p> <p>Copyright (C) 2020 CA. All rights reserved. R00938-D200-SP1</p> <p>DESC(CATALOG TABLE DIRECTORY SERVICE TO SUPPORT DB2 12 V12R1M507) .</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( R099553 S004455 S006863 S007807 )</p> <p>SUP ( S009426 S010662 ST09426 ST10662 ST13574 )</p> |

| Service                                            | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
|----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------|--------------------------------|--------------|-------------------------------|--------------|---------------------------------|--------------|---------------------------------|--------------|
| SO13706                                            | <p>SO13706 M.C.S. ENTRIES = ++PTF (SO13706)</p> <p>SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507</p> <p>PROBLEM DESCRIPTION:</p> <p>CA DB2 Utilities do not support Db2 function and catalog levels V12R1M507.</p> <p>SYMPTOMS:</p> <p>The following message is printed in PTIMSG:</p> <p>PUT9700E - Unsupported Db2 12 function level: V12R1M507</p> <p>Highest supported function level: V12R1Mxxx.</p> <p>The exact message text depends on the applied maintenance.</p> <p>IMPACT:</p> <p>The utilities cannot be run on the Db2 levels.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Index for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>PUT 817</p> <p>Copyright (C) 2020 CA. All rights reserved. R00953-D200-SP1</p> <p>DESC(SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507).</p> <p>++VER (Z038)</p> <p>FMID (CPFLK00)</p> <p>PRE ( S000018 S001656 S006117 S008071 S009024 S011107<br/>S011996 S012107 S012150 S012275 S012526 S013150 )</p> <p>SUP ( ST11056 ST13122 ST13706 )</p> <p>++IF FMID(CINSK00) REQ(S013574 ) .</p> <p>++IF FMID(CPFUK00) REQ(S013707 ) .</p> <p>++IF FMID(CPRRK00) REQ(S013708 ) .</p> <p>++IF FMID(CPUTK00) REQ(S013709 ) .</p> | CA DBM Solutions for DB2 for z/OS Utilities Common | Version 20.0 | CA Fast Index for DB2 for z/OS | Version 20.0 | CA Fast Load for DB2 for z/OS | Version 20.0 | CA Fast Unload for DB2 for z/OS | Version 20.0 | CA Rapid Reorg for DB2 for z/OS | Version 20.0 |
| CA DBM Solutions for DB2 for z/OS Utilities Common | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Fast Index for DB2 for z/OS                     | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Fast Load for DB2 for z/OS                      | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Fast Unload for DB2 for z/OS                    | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Rapid Reorg for DB2 for z/OS                    | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |

| Service                                            | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------|--------------------------------|--------------|-------------------------------|--------------|---------------------------------|--------------|---------------------------------|--------------|
| SO13707                                            | <p>SO13707 M.C.S. ENTRIES = ++PTF (SO13707)</p> <p>SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507</p> <p>PROBLEM DESCRIPTION:</p> <p>CA DB2 Utilities do not support Db2 function and catalog levels V12R1M507.</p> <p>SYMPTOMS:</p> <p>The following message is printed in PTIMSG:</p> <p>PUT9700E - Unsupported Db2 12 function level: V12R1M507</p> <p>Highest supported function level: V12R1Mxxx.</p> <p>The exact message text depends on the applied maintenance.</p> <p>IMPACT:</p> <p>The utilities cannot be run on the Db2 levels.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Index for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>PUT 817</p> <p>Copyright (C) 2020 CA. All rights reserved. R00953-D200-SP1</p> <p>DESC(SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507).</p> <p>++VER (Z038)</p> <p>FMID (CPFUK00)</p> <p>PRE ( R099558 S000019 S001402 S001818 S004460 S006118<br/>S006867 S007812 S008860 S011108 S011997 S012151<br/>S013151 )</p> <p>SUP ( ST13123 ST13707 )</p> <p>++IF FMID(CINSK00) REQ(S013574 ) .</p> <p>++IF FMID(CPRRK00) REQ(S013708 ) .</p> <p>++IF FMID(CPUTK00) REQ(S013709 ) .</p> <p>++IF FMID(CPFLK00) REQ(S013706 ) .</p> | CA DBM Solutions for DB2 for z/OS Utilities Common | Version 20.0 | CA Fast Index for DB2 for z/OS | Version 20.0 | CA Fast Load for DB2 for z/OS | Version 20.0 | CA Fast Unload for DB2 for z/OS | Version 20.0 | CA Rapid Reorg for DB2 for z/OS | Version 20.0 |
| CA DBM Solutions for DB2 for z/OS Utilities Common | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Fast Index for DB2 for z/OS                     | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Fast Load for DB2 for z/OS                      | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Fast Unload for DB2 for z/OS                    | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Rapid Reorg for DB2 for z/OS                    | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |

| Service                                            | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------|--------------------------------|--------------|-------------------------------|--------------|---------------------------------|--------------|---------------------------------|--------------|
| SO13708                                            | <p>SO13708 M.C.S. ENTRIES = ++PTF (SO13708)</p> <p>SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507</p> <p>PROBLEM DESCRIPTION:</p> <p>CA DB2 Utilities do not support Db2 function and catalog levels V12R1M507.</p> <p>SYMPTOMS:</p> <p>The following message is printed in PTIMSG:</p> <p>PUT9700E - Unsupported Db2 12 function level: V12R1M507</p> <p>Highest supported function level: V12R1Mxxx.</p> <p>The exact message text depends on the applied maintenance.</p> <p>IMPACT:</p> <p>The utilities cannot be run on the Db2 levels.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Index for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>PUT 817</p> <p>Copyright (C) 2020 CA. All rights reserved. R00953-D200-SP1</p> <p>DESC(SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507).</p> <p>++VER (Z038)</p> <p>FMID (CPRRK00)</p> <p>PRE ( R096588 R097715 R098968 S000023 S001658 S006125</p> <p>S006582 S006609 S007818 S009026 S009089 S009599</p> <p>S009905 S011080 S011109 S011200 S011237 S011998</p> <p>S012109 S012152 S012277 S012528 S012716 S013152</p> <p>S013204 S013635 )</p> <p>SUP ( ST11058 ST13708 )</p> <p>++IF FMID(CINSK00) REQ(S013574 ) .</p> <p>++IF FMID(CPFUK00) REQ(S013707 ) .</p> <p>++IF FMID(CPUTK00) REQ(S013709 ) .</p> <p>++IF FMID(CPFLK00) REQ(S013706 ) .</p> | CA DBM Solutions for DB2 for z/OS Utilities Common | Version 20.0 | CA Fast Index for DB2 for z/OS | Version 20.0 | CA Fast Load for DB2 for z/OS | Version 20.0 | CA Fast Unload for DB2 for z/OS | Version 20.0 | CA Rapid Reorg for DB2 for z/OS | Version 20.0 |
| CA DBM Solutions for DB2 for z/OS Utilities Common | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Fast Index for DB2 for z/OS                     | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Fast Load for DB2 for z/OS                      | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Fast Unload for DB2 for z/OS                    | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Rapid Reorg for DB2 for z/OS                    | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |

| Service                                            | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------|--------------------------------|--------------|-------------------------------|--------------|---------------------------------|--------------|---------------------------------|--------------|
| SO13709                                            | <p>SO13709 M.C.S. ENTRIES = ++PTF (SO13709)</p> <p>SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507</p> <p>PROBLEM DESCRIPTION:</p> <p>CA DB2 Utilities do not support Db2 function and catalog levels V12R1M507.</p> <p>SYMPTOMS:</p> <p>The following message is printed in PTIMSG:</p> <p>PUT9700E - Unsupported Db2 12 function level: V12R1M507</p> <p>Highest supported function level: V12R1Mxxx.</p> <p>The exact message text depends on the applied maintenance.</p> <p>IMPACT:</p> <p>The utilities cannot be run on the Db2 levels.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Index for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>PUT 817</p> <p>Copyright (C) 2020 CA. All rights reserved. R00953-D200-SP1</p> <p>DESC(SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M507).</p> <p>++VER (Z038)</p> <p>FMID (CPUTK00)</p> <p>PRE ( R098969 S000024 S006127 S011110 S011604 S011999<br/>S012153 S013153 S013205 )</p> <p>SUP ( ST13709 )</p> <p>++IF FMID(CINSK00) REQ(S013574 ) .</p> <p>++IF FMID(CPFUK00) REQ(S013707 ) .</p> <p>++IF FMID(CPRRK00) REQ(S013708 ) .</p> <p>++IF FMID(CPFLK00) REQ(S013706 ) .</p> | CA DBM Solutions for DB2 for z/OS Utilities Common | Version 20.0 | CA Fast Index for DB2 for z/OS | Version 20.0 | CA Fast Load for DB2 for z/OS | Version 20.0 | CA Fast Unload for DB2 for z/OS | Version 20.0 | CA Rapid Reorg for DB2 for z/OS | Version 20.0 |
| CA DBM Solutions for DB2 for z/OS Utilities Common | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Fast Index for DB2 for z/OS                     | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Fast Load for DB2 for z/OS                      | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Fast Unload for DB2 for z/OS                    | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |
| CA Rapid Reorg for DB2 for z/OS                    | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                    |              |                                |              |                               |              |                                 |              |                                 |              |

| Service   | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|--|--|--------------------------------------------------------|---------|--|----------|--------------|---------|--|---------|------------------------------------------------------------|---------|--|-------|---------------------------------------------------------|----------|-----------|--|----------------------------------------------|---------|--|-----------|----------|----------|----------------------------|--|----------------------------------------------------------|---------|--|--------|-------------------------------|----------|--|
| SO13711   | <p>SO13711 M.C.S. ENTRIES = ++PTF (SO13711)</p> <p>UPDATE CORRELATION VALUE FOR DB2 CONNECTION TYPE RRSAF</p> <p>PROBLEM DESCRIPTION:</p> <p>The correlation value is defaulted to 'CA DB MGMT' when the CONNECT option in SETUPxx member is AUTO.</p> <p>SYMPTOMS:</p> <p>When the Db2 connection type is RRSAF and the user performed the DML activity either in online or batch, the CA Log Analyzer for DB2 for z/OS DML Activity summary report generated might show the Correlation-id as 'CA DB MGMT'.</p> <p>The sample report is shown below.</p> <p>URID: 000000000XXXXXXXXX URID Status : Committed Connection-id : RRSAF<br/>         LRSN: 00YYYYYYYYYYYYYYYY Primary Auth-id: AAAAAAA Connection Type: RRSAF<br/>         Member : ABCD Correlation-id : CA DB MGMT<br/>         Plan name: RBPAP200 Timestamp : 2020-06-04-04.08.02.734375</p> <p>-----</p> <p>IMPACT:</p> <p>The default correlation-id 'CA DB MGMT' prevents the user to identify the associated batch job when the DML activity performed in batch or the TSO userid when in online.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Database Management Solutions for DB2 for z/OS Version 19.0<br/>         CA Database Management Solutions for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>GEN 1429</p> <p>Copyright (C) 2020 CA. All rights reserved. R00954-D200-SP1</p> <p>DESC(UPDATE CORRELATION VALUE FOR DB2 CONNECTION TYPE RRSAF).</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( R099553 S004455 S009205 SO13340 )</p> <p>SUP ( SO10323 ST10323 ST13711 )</p> <p>++HOLD (SO13711) SYSTEM FMID(CINSK00)</p> <p>REASON (RESTART) DATE (20191)</p> <p>COMMENT (</p> <table border="1"> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> </td><td>CA DBM Solutions for DB2 for z/OS Base In Version 20.0</td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> SEQUENCE</td><td>  Before Apply</td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> PURPOSE</td><td>  Avoidance of module mismatch related errors in an Xmanager </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> USERS</td><td>  Collections of DB2 statistics via Detector or Subsystem</td> </tr> <tr> <td> AFFECTED</td><td>  Analyzer.</td> </tr> <tr> <td> </td><td>  DB2 subsystems that have active collections.</td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> KNOWLEDGE</td><td>  1. SMP/E</td> </tr> <tr> <td> REQUIRED</td><td>  2. z/OS System Programming</td> </tr> <tr> <td> </td><td>  3. CA DB2 Tools Installation and Maintenance procedures.</td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> ACCESS</td><td>  1. Product runtime libraries.</td> </tr> <tr> <td> REQUIRED</td><td> </td> </tr> </table> <p>)</p> | +-----+ |  |  | CA DBM Solutions for DB2 for z/OS Base In Version 20.0 | +-----+ |  | SEQUENCE | Before Apply | +-----+ |  | PURPOSE | Avoidance of module mismatch related errors in an Xmanager | +-----+ |  | USERS | Collections of DB2 statistics via Detector or Subsystem | AFFECTED | Analyzer. |  | DB2 subsystems that have active collections. | +-----+ |  | KNOWLEDGE | 1. SMP/E | REQUIRED | 2. z/OS System Programming |  | 3. CA DB2 Tools Installation and Maintenance procedures. | +-----+ |  | ACCESS | 1. Product runtime libraries. | REQUIRED |  |
| +-----+   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
|           | CA DBM Solutions for DB2 for z/OS Base In Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
| +-----+   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
| SEQUENCE  | Before Apply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
| +-----+   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
| PURPOSE   | Avoidance of module mismatch related errors in an Xmanager                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
| +-----+   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
| USERS     | Collections of DB2 statistics via Detector or Subsystem                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
| AFFECTED  | Analyzer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
|           | DB2 subsystems that have active collections.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
| +-----+   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
| KNOWLEDGE | 1. SMP/E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
| REQUIRED  | 2. z/OS System Programming                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
|           | 3. CA DB2 Tools Installation and Maintenance procedures.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
| +-----+   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
| ACCESS    | 1. Product runtime libraries.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |
| REQUIRED  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |  |  |                                                        |         |  |          |              |         |  |         |                                                            |         |  |       |                                                         |          |           |  |                                              |         |  |           |          |          |                            |  |                                                          |         |  |        |                               |          |  |



| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <pre> +-----+-----+ ***** * STEPS      TO      PERFORM * *****  To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task.  Important!  Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components.  This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.  ).</pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13726 | <p>SO13726 M.C.S. ENTRIES = ++PTF (SO13726)</p> <p>DDL00020 INCORRECTLY ISSUED ON PRIMARY KEY</p> <p>PROBLEM DESCRIPTION:</p> <p>In CA RC/Migrator for DB2 for z/OS (RCM), the Syntax Checker issues DDL00020 message when checking CREATE TABLE DDL for more than one table with a primary key where the column listing for the last table starts with the primary key.</p> <p>SYMPTOMS:</p> <p>DDL00020: Invalid duplicate parameter PRIMARY</p> <p>IMPACT:</p> <p>Customer will not be able to create import DDL compare strategy.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA RC/Migrator for DB2 for z/OS <span style="float: right;">Version 20.0</span></p> <p>Related Problem:</p> <p>RCM 3066</p> <p>Copyright (C) 2020 CA. All rights reserved. R00958-D200-SP1</p> <p>DESC(DDL00020 INCORRECTLY ISSUED ON PRIMARY KEY).</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( R099553 S001396 S006863 S007379 S011966 S012933 )</p> <p>SUP ( ST06695 ST13726 )</p> |

| Service                                           | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                   |              |                              |              |                                 |              |                                  |              |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------|------------------------------|--------------|---------------------------------|--------------|----------------------------------|--------------|
| SO13758                                           | <p>SO13758 M.C.S. ENTRIES = ++PTF (SO13758)</p> <p>INCORRECT APPLCOMPAT LEVEL GENERATED FOR DEPRECATED OBJECTS</p> <p>PROBLEM DESCRIPTION:</p> <p>In CA Database Management Solutions for DB2 for z/OS, OFS(Object Framework Services) wraps the DDL with an incorrect value in the SET CURRENT APPLICATION COMPATIBILITY statement for Db2 12 fallback level.</p> <p>SYMPTOMS:</p> <p>SET CURRENT APPLICATION statement has the '*' appended in the statement value.</p> <p>IMPACT:</p> <p>Invalid application compatibility value is set.</p> <p>CIRCUMVENTION:</p> <p>None</p> <p>PRODUCTS AFFECTED:</p> <table> <tr> <td>CA Database Management Solutions for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Query for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Log Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>OFS 697</p> <p>Copyright (C) 2020 CA. All rights reserved. R00963-D200-SP1</p> <p>DESC(INCORRECT APPLCOMPAT LEVEL GENERATED FOR DEPRECATED OBJECTS).<br/>++VER (Z038)<br/>FMID (COFSK00)<br/>PRE ( R096577 R097705 R099554 S001397 S006114 S006864<br/>S007808 S011967 )<br/>SUP ( S009128 ST09128 ST13758 )</p> | CA Database Management Solutions for DB2 for z/OS | Version 20.0 | CA RC/Query for DB2 for z/OS | Version 20.0 | CA RC/Migrator for DB2 for z/OS | Version 20.0 | CA Log Analyzer for DB2 for z/OS | Version 20.0 |
| CA Database Management Solutions for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |              |                              |              |                                 |              |                                  |              |
| CA RC/Query for DB2 for z/OS                      | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |              |                              |              |                                 |              |                                  |              |
| CA RC/Migrator for DB2 for z/OS                   | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |              |                              |              |                                 |              |                                  |              |
| CA Log Analyzer for DB2 for z/OS                  | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |              |                              |              |                                 |              |                                  |              |

| Service                          | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------|-------------------------------|--------------|----------------------------------|--------------|--------------------------------|--------------|----------------------------------|--------------|
| SO13764                          | <p>SO13764 M.C.S. ENTRIES = ++PTF (SO13764)</p> <p>ENHANCED SUPPORT FOR TEMPLATE STATEMENTS</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>CA Database Management Solutions for DB2 for z/OS Utilities Common (PUT) has been enhanced to support the LRECL, RECFM, DSNTYPE, PATH, PATHDISP, PATHMODE, PATHOPTS, and FILEDATA parameters in TEMPLATE statements.</p> <p>CA Fast Load for DB2 for z/OS (PFL) has been enhanced to support TEMPLATE statements.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Recover for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Quick Copy for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Merge/Modify for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>PUT 814</p> <p>Copyright (C) 2020 CA. All rights reserved. R00965-D200-SP1</p> <p>DESC(ENHANCED SUPPORT FOR TEMPLATE STATEMENTS) .</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( R097704 S000016 )</p> <p>SUP ( ST13764 )</p> <p>++IF FMID(CPFLK00) REQ(SO13765 ) .</p> <p>++IF FMID(CPFUK00) REQ(SO13766 ) .</p> <p>++IF FMID(CPUTK00) REQ(SO13767 ) .</p> <p>++IF FMID(CUGRK00) REQ(SO13768 ) .</p> | CA Fast Unload for DB2 for z/OS | Version 20.0 | CA Fast Load for DB2 for z/OS | Version 20.0 | CA Fast Recover for DB2 for z/OS | Version 20.0 | CA Quick Copy for DB2 for z/OS | Version 20.0 | CA Merge/Modify for DB2 for z/OS | Version 20.0 |
| CA Fast Unload for DB2 for z/OS  | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
| CA Fast Load for DB2 for z/OS    | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
| CA Fast Recover for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
| CA Quick Copy for DB2 for z/OS   | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
| CA Merge/Modify for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                 |              |                               |              |                                  |              |                                |              |                                  |              |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13765 | <div>SO13765    M.C.S. ENTRIES    = ++PTF (SO13765)</div> <div>ENHANCED SUPPORT FOR TEMPLATE STATEMENTS</div> <div>ENHANCEMENT DESCRIPTION:</div> <div>CA Database Management Solutions for DB2 for z/OS Utilities Common (PUT) has been enhanced to support the LRECL, RECFM, DSNTYPE, PATH, PATHDISP, PATHMODE, PATHOPTS, and FILEDATA parameters in TEMPLATE statements.</div> <div>CA Fast Load for DB2 for z/OS (PFL) has been enhanced to support TEMPLATE statements.</div> <div>PRODUCT(S) AFFECTED:</div> <div><div>CA Fast Unload for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Load for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Recover for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Quick Copy for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Merge/Modify for DB2 for z/OS</div><div>Version 20.0</div></div> <div>Related Problem:</div> <div>PUT        814</div> <div>Copyright (C) 2020 CA. All rights reserved. R00965-D200-SP1</div> <div>DESC(ENHANCED SUPPORT FOR TEMPLATE STATEMENTS).</div> <div>++VER (Z038)</div> <div>FMID (CPFLK00)</div> <div>PRE ( R096581 R097708 S000018 S000081 S000704 S001401</div> <div>S001656 S004275 S004459 S004857 S005012 S005502</div> <div>S006117 S007170 S007811 S008071 S008378 S008407</div> <div>S008428 S008584 S009024 S009977 S010195 S010752</div> <div>S011235 S011431 S011520 S011601 S011846 S011946</div> <div>S011996 S012128 S012150 S012275 S012526 S012984</div> <div>S013066 S013097 S013175 S013203    )</div> <div>SUP ( S007924 S012585 ST07924 ST12585 ST13765    )</div> <div>++IF FMID(CPFUK00) REQ(SO13766    ) .</div> <div>++IF FMID(CPUTK00) REQ(SO13767    ) .</div> <div>++IF FMID(CUGRK00) REQ(SO13768    ) .</div> <div>++IF FMID(CINSK00) REQ(SO13764    ) .</div> <div>++HOLD (SO13765) SYSTEM FMID(CPFLK00)</div> <div>REASON (ACTION    )        DATE (20183)</div> <div>COMMENT (</div> <div><div><div>-----+</div><div>         CA Fast Load for DB2 for z/OS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          </div></div></div> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <pre> * STEPS      TO      PERFORM * *****  Previously, when CA Fast Load for DB2 for z/OS (PFL) encountered a non-supported scenario and switched to IBM, with multiple input files, the product would only use the first INDDN file to load the table. With this change, PFL will now issue message "PFL9041E - Multiple INDDN files are not supported" when switching to IBM and end with RC8.  ).  ++HOLD (SO13765) SYSTEM FMID(CPFLK00) REASON (MSGSKEL)   DATE (20183) COMMENT ( +-----+        CA Fast Load for DB2 for z/OS              Version 20.0        +-----+-----+  SEQUENCE   After Apply                                  +-----+-----+  PURPOSE    Relink XMESSAGES                                  +-----+-----+  USERS                                                            AFFECTED   All CA DB2 Tools Users                              +-----+-----+  KNOWLEDGE                                                         REQUIRED   CA DB2 Tools Post Install Customization.            +-----+-----+  ACCESS     1. CA DB2 Tools Post Install                           REQUIRED   2. BIND Authority on DB2 subsystems                   +-----+-----+ *****  * STEPS      TO      PERFORM * *****  XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.  ). </pre> |

| Service                                             | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------|-------------------------------|--------------|----------------------------------|--------------|--------------------------------|--------------|----------------------------------|--------------|---------|--|---------------------------------|--------------|---------|--|------------------------|--|---------|--|----------------------------|--|---------|--|-------|--|-----------------------------------|--|---------|--|-----------|--|-----------------------------------------------------|--|---------|--|---------------------------------------|--|------------------------------------------------|--|---------|--|
| SO13766                                             | <p>SO13766 M.C.S. ENTRIES = ++PTF (SO13766)</p> <p>ENHANCED SUPPORT FOR TEMPLATE STATEMENTS</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>CA Database Management Solutions for DB2 for z/OS Utilities Common (PUT) has been enhanced to support the LRECL, RECFM, DSNTYPE, PATH, PATHDISP, PATHMODE, PATHOPTS, and FILEDATA parameters in TEMPLATE statements.</p> <p>CA Fast Load for DB2 for z/OS (PFL) has been enhanced to support TEMPLATE statements.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Recover for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Quick Copy for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Merge/Modify for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>PUT 814</p> <p>Copyright (C) 2020 CA. All rights reserved. R00965-D200-SP1</p> <p>DESC (ENHANCED SUPPORT FOR TEMPLATE STATEMENTS) .</p> <p>++VER (Z038)</p> <p>FMID (CPFUK00)</p> <p>PRE ( R099558 S000019 S001402 S001818 S004460 S006118<br/>S006867 S008068 S008112 S008860 S009025 S011108<br/>S011997 S012108 S013319 )</p> <p>SUP ( ST13766 )</p> <p>++IF FMID(CPFLK00) REQ(SO13765 ) .</p> <p>++IF FMID(CPUTK00) REQ(SO13767 ) .</p> <p>++IF FMID(CUGRK00) REQ(SO13768 ) .</p> <p>++IF FMID(CINSK00) REQ(SO13764 ) .</p> <p>++HOLD (SO13766) SYSTEM FMID(CPFUK00)</p> <p>REASON (MSGSKEL) DATE (20183)</p> <p>COMMENT (</p> <table> <tr> <td colspan="2">+-----+</td></tr> <tr> <td>  CA Fast Unload for DB2 for z/OS</td><td>Version 20.0  </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> SEQUENCE   After Apply</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> PURPOSE   Relink XMESSAGES</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> USERS  </td><td> </td></tr> <tr> <td> AFFECTED   All CA DB2 Tools Users</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> KNOWLEDGE  </td><td> </td></tr> <tr> <td> REQUIRED   CA DB2 Tools Post Install Customization.</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> ACCESS   1. CA DB2 Tools Post Install</td><td> </td></tr> <tr> <td> REQUIRED   2. BIND Authority on DB2 subsystems</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> </table> <p>*****</p> <p>* STEPS TO PERFORM *</p> <p>*****</p> <p>XMESSAGE components have changes as part of this maintenance.</p> <p>If you do not customize XMESSAGES, no further action is required.</p> | CA Fast Unload for DB2 for z/OS | Version 20.0 | CA Fast Load for DB2 for z/OS | Version 20.0 | CA Fast Recover for DB2 for z/OS | Version 20.0 | CA Quick Copy for DB2 for z/OS | Version 20.0 | CA Merge/Modify for DB2 for z/OS | Version 20.0 | +-----+ |  | CA Fast Unload for DB2 for z/OS | Version 20.0 | +-----+ |  | SEQUENCE   After Apply |  | +-----+ |  | PURPOSE   Relink XMESSAGES |  | +-----+ |  | USERS |  | AFFECTED   All CA DB2 Tools Users |  | +-----+ |  | KNOWLEDGE |  | REQUIRED   CA DB2 Tools Post Install Customization. |  | +-----+ |  | ACCESS   1. CA DB2 Tools Post Install |  | REQUIRED   2. BIND Authority on DB2 subsystems |  | +-----+ |  |
| CA Fast Unload for DB2 for z/OS                     | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| CA Fast Load for DB2 for z/OS                       | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| CA Fast Recover for DB2 for z/OS                    | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| CA Quick Copy for DB2 for z/OS                      | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| CA Merge/Modify for DB2 for z/OS                    | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| +-----+                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| CA Fast Unload for DB2 for z/OS                     | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| +-----+                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| SEQUENCE   After Apply                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| +-----+                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| PURPOSE   Relink XMESSAGES                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| +-----+                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| USERS                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| AFFECTED   All CA DB2 Tools Users                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| +-----+                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| KNOWLEDGE                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| REQUIRED   CA DB2 Tools Post Install Customization. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| +-----+                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| ACCESS   1. CA DB2 Tools Post Install               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| REQUIRED   2. BIND Authority on DB2 subsystems      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |
| +-----+                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |         |  |                                 |              |         |  |                        |  |         |  |                            |  |         |  |       |  |                                   |  |         |  |           |  |                                                     |  |         |  |                                       |  |                                                |  |         |  |

| Service | Details                                                                                                                                                                                                                                                                       |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>If you do customize XMESSAGES, after maintenance is APPLIED</p> <ol style="list-style-type: none"><li>1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules.</li></ol> <p>Refer to the Post Installation and Customization Guide for details.</p> <p>).</p> |



| Service                          | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------|-------------------------------|--------------|----------------------------------|--------------|--------------------------------|--------------|----------------------------------|--------------|
| SO13767                          | <p>SO13767 M.C.S. ENTRIES = ++PTF (SO13767)</p> <p>ENHANCED SUPPORT FOR TEMPLATE STATEMENTS</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>CA Database Management Solutions for DB2 for z/OS Utilities Common (PUT) has been enhanced to support the LRECL, RECFM, DSNTYPE, PATH, PATHDISP, PATHMODE, PATHOPTS, and FILEDATA parameters in TEMPLATE statements.</p> <p>CA Fast Load for DB2 for z/OS (PFL) has been enhanced to support TEMPLATE statements.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Recover for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Quick Copy for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Merge/Modify for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>PUT 814</p> <p>Copyright (C) 2020 CA. All rights reserved. R00965-D200-SP1</p> <p>DESC(ENHANCED SUPPORT FOR TEMPLATE STATEMENTS).</p> <p>++VER (Z038)</p> <p>FMID (CPUTK00)</p> <p>PRE ( R096590 S000024 S000893 S001711 S005016 S006127<br/>S007820 S007894 S008072 S008380 S008429 S008586<br/>S009253 S009978 S011110 S011238 S011521 S011848<br/>S011849 S012153 S012529 S012717 S013098 S013153 )</p> <p>SUP ( ST08364 ST11778 ST13767 )</p> <p>++IF FMID(CPFLK00) REQ(SO13765 ) .</p> <p>++IF FMID(CPFUK00) REQ(SO13766 ) .</p> <p>++IF FMID(CUGRK00) REQ(SO13768 ) .</p> <p>++IF FMID(CINSK00) REQ(SO13764 ) .</p> <p>++HOLD (SO13767) SYSTEM FMID(CPUTK00)</p> <p>REASON (MSGSKEL) DATE (20183)</p> <p>COMMENT (</p> <pre> +-----+        CA DBM Solutions for DB2 for z/OS Utilities Common               Version 20.0                                             +-----+  SEQUENCE   After Apply                                             +-----+  PURPOSE     Relink XMESSAGES                                             +-----+  USERS                                                                      AFFECTED    All CA DB2 Tools Users                                       +-----+  KNOWLEDGE                                                                  REQUIRED    CA DB2 Tools Post Install Customization.                   +-----+  ACCESS      1. CA DB2 Tools Post Install                                  REQUIRED    2. BIND Authority on DB2 subsystems                         +-----+ ***** * STEPS    TO      PERFORM * ***** </pre> | CA Fast Unload for DB2 for z/OS | Version 20.0 | CA Fast Load for DB2 for z/OS | Version 20.0 | CA Fast Recover for DB2 for z/OS | Version 20.0 | CA Quick Copy for DB2 for z/OS | Version 20.0 | CA Merge/Modify for DB2 for z/OS | Version 20.0 |
| CA Fast Unload for DB2 for z/OS  | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
| CA Fast Load for DB2 for z/OS    | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
| CA Fast Recover for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
| CA Quick Copy for DB2 for z/OS   | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
| CA Merge/Modify for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                 |              |                               |              |                                  |              |                                |              |                                  |              |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                            |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>XMESSAGE components have changes as part of this maintenance.</p> <p>If you do not customize XMESSAGES, no further action is required.</p> <p>If you do customize XMESSAGES, after maintenance is APPLIED</p> <p>1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules.</p> <p>Refer to the Post Installation and Customization Guide for details.</p> <p>).</p> |

| Service                          | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------|-------------------------------|--------------|----------------------------------|--------------|--------------------------------|--------------|----------------------------------|--------------|
| SO13768                          | <p>SO13768 M.C.S. ENTRIES = ++PTF (SO13768)</p> <p>ENHANCED SUPPORT FOR TEMPLATE STATEMENTS</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>CA Database Management Solutions for DB2 for z/OS Utilities Common (PUT) has been enhanced to support the LRECL, RECFM, DSNTYPE, PATH, PATHDISP, PATHMODE, PATHOPTS, and FILEDATA parameters in TEMPLATE statements.</p> <p>CA Fast Load for DB2 for z/OS (PFL) has been enhanced to support TEMPLATE statements.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Recover for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Quick Copy for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Merge/Modify for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>PUT 814</p> <p>Copyright (C) 2020 CA. All rights reserved. R00965-D200-SP1</p> <p>DESC(ENHANCED SUPPORT FOR TEMPLATE STATEMENTS) .</p> <p>++VER (Z038)</p> <p>FMID (CUGRK00)</p> <p>PRE ( R096595 R099574 S000029 S000201 S000788 S000894<br/>S001660 S003677 S003816 S004251 S004475 S005018<br/>S006069 S006132 S006879 S007826 S008280 S008833<br/>S009595 S009748 S009903 S010044 S010819 S011605<br/>S011686 S011929 S012155 S012279 S012530 )</p> <p>SUP ( S004048 S009974 S012586 ST04048 ST09290 ST09825<br/>ST09907 ST09974 ST12586 ST13768 )</p> <p>++IF FMID(CPFLK00) REQ(S013765 ) .</p> <p>++IF FMID(CPFUK00) REQ(S013766 ) .</p> <p>++IF FMID(CPUTK00) REQ(S013767 ) .</p> <p>++IF FMID(CINSK00) REQ(S013764 ) .</p> <p>CSECT(UTAQCM,QCASTIMR) .</p> | CA Fast Unload for DB2 for z/OS | Version 20.0 | CA Fast Load for DB2 for z/OS | Version 20.0 | CA Fast Recover for DB2 for z/OS | Version 20.0 | CA Quick Copy for DB2 for z/OS | Version 20.0 | CA Merge/Modify for DB2 for z/OS | Version 20.0 |
| CA Fast Unload for DB2 for z/OS  | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
| CA Fast Load for DB2 for z/OS    | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
| CA Fast Recover for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
| CA Quick Copy for DB2 for z/OS   | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |
| CA Merge/Modify for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                 |              |                               |              |                                  |              |                                |              |                                  |              |

| Service                                           | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                   |              |                                 |              |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------|---------------------------------|--------------|
| SO13781                                           | <p>SO13781 M.C.S. ENTRIES = ++PTF (SO13781)</p> <p>INCORRECT COLUMNS GENERATED IN PARTITION CLAUSE</p> <p>PROBLEM DESCRIPTION:</p> <p>In CA RC/Migrator for DB2 for z/OS(RCM), Object Framework Services (OFS) generates an incorrect columns list in the partition clause of CREATE TABLE DDL in migrate strategy analysis output.</p> <p>SYMPTOMS:</p> <p>Partition clause generated in CREATE TABLE DDL has extra columns.</p> <p>IMPACT:</p> <p>DDL is not executable.</p> <p>CIRCUMVENTION:</p> <p>None</p> <p>PRODUCTS AFFECTED:</p> <table> <tr> <td>CA Database Management Solutions for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>OFS 698</p> <p>Copyright (C) 2020 CA. All rights reserved. R00967-D200-SP1</p> <p>DESC(INCORRECT COLUMNS GENERATED IN PARTITION CLAUSE).</p> <p>++VER (Z038)</p> <p>FMID (COFSK00)</p> <p>PRE ( R096577 R097705 R099554 S001397 S006114 S006864<br/>S008403 S011921 )</p> <p>SUP ( S009647 ST09467 ST09647 ST13781 )</p> | CA Database Management Solutions for DB2 for z/OS | Version 20.0 | CA RC/Migrator for DB2 for z/OS | Version 20.0 |
| CA Database Management Solutions for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                   |              |                                 |              |
| CA RC/Migrator for DB2 for z/OS                   | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                   |              |                                 |              |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13794 | <p>SO13794 M.C.S. ENTRIES = ++PTF (SO13794)</p> <p>SOC4 IN RML@REP2 WHEN MQT TEXT HAS CHANGES</p> <p>PROBLEM DESCRIPTION:</p> <p>CA RC/Migrator for DB2 for z/OS (RCM) will end with a SOC4 abend in RML@REP2 with a reason code 10, if there are changes in the MQT FULLSELECT text.</p> <p>SYMPTOMS:</p> <p>SYSTEM COMPLETION CODE=0C4 REASON CODE=00000010</p> <p>TIME=08.51.41 SEQ=13539 CPU=0000 ASID=046B</p> <p>PSW AT TIME OF ERROR 078D2000 801DA15A ILC 4 INTC 10</p> <p>ACTIVE MODULE ADDRESS=00000000_001DA000 OFFSET=0000015A</p> <p>NAME=RML@REP2</p> <p>DATA AT PSW 001DA154 - 4780B166 1A4A9856 40001B4A</p> <p>IMPACT:</p> <p>Customer will not be able to successfully analyze the strategy.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA RC/Migrator for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>RCM 3068</p> <p>Copyright (C) 2020 CA. All rights reserved. R00968-D200-SP1</p> <p>DESC(SOC4 IN RML@REP2 WHEN MQT TEXT HAS CHANGES).</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( S001396 S004455 S007379 S011966 S012361 S012933 )</p> <p>SUP ( ST13794 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13807 | <p>SO13807 M.C.S. ENTRIES = ++PTF (SO13807)</p> <p>TEMPLATES, PROC AND JCL FOR DEVOPS FOR DB2 SCHEMA MANAGEMENT<br/>ENHANCEMENT DESCRIPTION:</p> <p>Templates, JCL and PROC are available to perform DevOps for Db2 schema management. The templates serve as building blocks for for creating a DevOps pipeline. The templates can be used as input to an Apache Velocity compatible template engine. The sample PROC and JCL are provided as an example JCL pipeline to promote Db2 objects from a source environment to a target environment.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA DBM Solutions for DB2 for z/OS Base Install Version 20.0</p> <p>Related Problem:</p> <p>RCM 3062</p> <p>Copyright (C) 2020 CA. All rights reserved. R00969-D200-SP1</p> <p>DESC(TEMPLATES, PROC AND JCL FOR DEVOPS FOR DB2 SCHEMA MANAGEMENT).<br/>++VER (Z038)<br/>FMID (CINSK00)<br/>SUP ( ST13807 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13814 | <p>SO13814 M.C.S. ENTRIES = ++PTF (SO13814)</p> <p>ANALYSIS HANGS WHEN USING CUSTOMIZED REORG UTILITY</p> <p>PROBLEM DESCRIPTION:</p> <p>CA RC/Migrator for DB2 for z/OS (RCM) will loop during analysis. This will happen when the following conditions are true:</p> <ol style="list-style-type: none"> <li>1) The table is altered and the alter will place the tablespace in a REORG Pending status.</li> <li>2) Utility Profile Services is used.</li> <li>3) Customized REORG utility with 'TEMPLATE FULLCOPY' is used.</li> </ol> <p>SYMPTOMS:</p> <p>The analysis is running forever.</p> <p>IMPACT:</p> <p>Customers will not be able to successfully analyze the strategy.</p> <p>CIRCUMVENTION:</p> <p>Use default REORG utility with 'TEMPLATE PTICOPY'.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA RC/Migrator for DB2 for z/OS <span style="float: right;">Version 20.0</span></p> <p>Related Problem:</p> <p>RCM 3067</p> <p>Copyright (C) 2020 CA. All rights reserved. R00970-D200-SP1</p> <p>DESC (ANALYSIS HANGS WHEN USING CUSTOMIZED REORG UTILITY).</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( R097704 R099553 S004718 S006863 S007379 S007807</p> <p>S008957 S009105 S011966 S012361 S012933 )</p> <p>SUP ( ST13814 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13825 | <p>SO13825 M.C.S. ENTRIES = ++PTF (SO13825)</p> <p>BATCH UNLOAD UTILITY FAILING IF TESTVER PARAMETER IS MISSING</p> <p>PROBLEM DESCRIPTION:</p> <p>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) History Unload utility (IDB2UIFI REQ=UNLDHIST) fails with the DBG73110E message if the TESTVER parameter is not specified. The problem occurs when the APAR SO12483 is applied.</p> <p>SYMPTOMS:</p> <p>The following message can be found in the joblog:</p> <p>DBG73110E D12A 17:30:08 UNABLE TO COMMUNICATE WITH DATA COLLECTOR.<br/>DBSUB=XXXX, DBLOC=YYYYYYY , TESTVER=</p> <p>IMPACT:</p> <p>The Unload utility could not be used without the TESTVER parameter.</p> <p>CIRCUMVENTION:</p> <p>Specify the TESTVER parameter for the IDB2UIFI REQ=UNLDHIST utility. The TESTVER value should match the TESTVER parameter used in the Data Collector (the default is R20).</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>IDB2 2506</p> <p>Copyright (C) 2020 CA. All rights reserved. R00971-D200-SP1</p> <p>DESC(BATCH UNLOAD UTILITY FAILING IF TESTVER PARAMETER IS MISSING).<br/>++VER (Z038)<br/>FMID (CIDBK00)<br/>PRE ( S004454 SO12483 )<br/>SUP ( AS12483 ST13825 )</p> |



| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13827 | <p>SO13827 M.C.S. ENTRIES = ++PTF (SO13827)</p> <p>INFRASTRUCTURE FOR FUTURE ENHANCEMENT</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. These updates require no action on your part. Additional information will be provided when the architectural enhancement is ready for release.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Database Management Solutions for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>GEN 1432</p> <p>Copyright (C) 2020 CA. All rights reserved. R00973-D200-SP1</p> <p>DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT).</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>SUP ( ST13826 ST13827 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13839 | <p>SO13839 M.C.S. ENTRIES = ++PTF (SO13839)</p> <p>REMOVE VERSION DEPENDENCY ON GROUP SETTING</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The Xmanager (PXM) value pack component is being updated to support a planned architectural enhancement. No action is required on your part, and this enhancement does not affect existing product functionality.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA DBM Solutions for DB2 for z/OS Base Install Version 20.0</p> <p>Related Problem:</p> <p>PXM 216</p> <p>Copyright (C) 2020 CA. All rights reserved. R00974-D200-SP1</p> <p>DESC(REMOVE VERSION DEPENDENCY ON GROUP SETTING).</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( S004455 S006113 S011317 S013717 )</p> <p>SUP ( ST13839 )</p> <p>++HOLD (SO13839) SYSTEM FMID(CINSK00)</p> <p>REASON (RESTART) DATE (20191)</p> <p>COMMENT (</p> <pre> +-----+        CA DBM Solutions for DB2 for z/OS Base In      Version 20.0        +-----+-----+  SEQUENCE   Before Apply                                       +-----+-----+  PURPOSE     Avoidance of module mismatch related errors in an Xmanager  +-----+-----+  USERS       Collections of DB2 statistics via Detector or Subsystem    AFFECTED    Analyzer.                                                              DB2 subsystems that have active collections.            +-----+-----+  KNOWLEDGE   1. SMP/E                                                  REQUIRED    2. z/OS System Programming                                            3. CA DB2 Tools Installation and Maintenance procedures.   +-----+-----+  ACCESS      1. Product runtime libraries.                              REQUIRED                                                              +-----+-----+ ***** * STEPS      TO      PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may </pre> |

| Service | Details                                                                |
|---------|------------------------------------------------------------------------|
|         | compromise the operating system/DB2 including possible failures.<br>). |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S013842 | <p>S013842 M.C.S. ENTRIES = ++PTF (S013842)</p> <p>SQL LOAD FAILS WITH RX995 ERROR</p> <p>PROBLEM DESCRIPTION:</p> <p>When using CA RC/Extract for DB2 for z/OS (RCX), SQL load with update fails with RX995 error message when table has multiple unique indexes.</p> <p>SYMPTOMS:</p> <p>SQL load fails with following error when update existing row in target table is enabled and the table has multiple unique indexes.</p> <p>RX995: AN ERROR OCCURRED PROCESSING MULTIPLE UNIQUE INDEXES.</p> <p>IMPACT:</p> <p>SQL load doesn't work with "Update Existing Rows in Target Table".</p> <p>CIRCUMVENTION:</p> <p>Use "Empty Target Table Before Loading" option.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA RC/Extract for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>RCX 608</p> <p>Copyright (C) 2020 CA. All rights reserved. R00975-D200-SP1</p> <p>DESC(SQL LOAD FAILS WITH RX995 ERROR).</p> <p>++VER (Z038)</p> <p>FMID (CRCXK00)</p> <p>PRE ( R099572 R099853 S011079 )</p> <p>SUP ( ST13842 )</p> <p>++HOLD (S013842) SYSTEM FMID(CRCXK00)</p> <p>REASON (DB2BIND) DATE (20189)</p> <p>COMMENT (</p> <pre> +-----+        CA RC/Extract for DB2 for z/OS      Version 20.0        +-----+-----+  SEQUENCE   After Apply                                           +-----+-----+  PURPOSE    Bind Plans and Packages                               +-----+-----+  USERS                                                             AFFECTED   All Users                                             +-----+-----+  KNOWLEDGE                                                          REQUIRED   CA DB2 Tools Post Install Customization.            +-----+-----+  ACCESS     1. CA DB2 Tools Post Install                            REQUIRED   2. BIND, SYSADM or SYSCNTL on DB2 subsystem.        +-----+-----+ ***** * STEPS    TO    PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! </pre> |

| Service | Details                                                                                                                                                                                                                                                                         |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.<br/>).</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13878 | <p>SO13878 M.C.S. ENTRIES = ++PTF (SO13878)</p> <p>SOC4 IN RML@STRT IF STRATEGY HAS NEWLY CREATED TABLESPACE</p> <p>PROBLEM DESCRIPTION:</p> <p>CA RC/Migrator for DB2 for z/OS (RCM) may end with a SOC4 abend in RML@STRT with a reason code 10, if the following conditions are true:</p> <ol style="list-style-type: none"> <li>1) New tablespaces are created using an alter strategy.</li> <li>2) Existing tables are moved into the newly created tablespaces.</li> </ol> <p>SYMPTOMS:</p> <p>SYSTEM COMPLETION CODE=0C4 REASON CODE=00000010</p> <p>TIME=11.46.51 SEQ=06952 CPU=0000 ASID=00E3</p> <p>PSW AT TIME OF ERROR 078D2000 9C9BE2C2 ILC 6 INTC 10</p> <p>ACTIVE MODULE ADDRESS=00000000_1C99D000 OFFSET=000212C2</p> <p>NAME=RML@STRT</p> <p>DATA AT PSW 1C9BE2BC - 127747D0 506CD501 703A5098</p> <p>IMPACT:</p> <p>Customer will not be able to successfully analyze the strategy.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA RC/Migrator for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>RCM 3069</p> <p>Copyright (C) 2020 CA. All rights reserved. R00978-D200-SP1</p> <p>DESC(SOC4 IN RML@STRT IF STRATEGY HAS NEWLY CREATED TABLESPACE).</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( S001396 S004718 S007379 S009105 S011966 S012361</p> <p>S012933 )</p> <p>SUP ( ST13878 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13879 | <p>SO13879 M.C.S. ENTRIES = ++PTF (SO13879)</p> <p>REPAIR UTILITY FAILS WITH DSNU671I IN ADOR</p> <p>PROBLEM DESCRIPTION:</p> <p>The CA Log Analyzer for DB2 for z/OS (PLA) Dropped Object Recovery feature fails in RECOVER job step with RC=16 after the REPAIR utility fails. This happens when a dropped table had a LOB column and another column has been added to the table after the LOB column.</p> <p>SYMPTOMS:</p> <p>SYSPRINT output contains message DSNU671I with the following information:</p> <p>TABLE SCHEMA IN THE CATALOG DOES NOT MATCH THE PAGE SET.</p> <p>IMPACT:</p> <p>Dropped Object Recovery feature is not able to recover a DB2 object.</p> <p>CIRCUMVENTION:</p> <p>Recreate the table with CREATE TABLE and ALTER TABLE ADD COLUMN SQL statements in same order as the original table was created and altered before the drop.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Log Analyzer for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PLA 1316</p> <p>Copyright (C) 2020 CA. All rights reserved. R00979-D200-SP1</p> <p>DESC(REPAIR UTILITY FAILS WITH DSNU671I IN ADOR).</p> <p>++VER (Z038)</p> <p>FMID (CPLAK00)</p> <p>PRE ( R096583 R097709 R099559 S000020 S000975 S001403</p> <p>S004245 S004461 S004795 S006119 S007382 S007813</p> <p>S008802 S009083 S009108 S009133 S009333 S010677</p> <p>S011113 S011419 S011669 S011782 S011809 S011969</p> <p>S012364 S012797 S012889 S012900 S012935 S013009</p> <p>S013625 )</p> <p>SUP ( ST13879 )</p> <p>++IF FMID(CPUTK00) REQ(SO13880 ) .</p> <p>++IF FMID(CUGRK00) REQ(SO13881 ) .</p> <p>++HOLD (SO13879) SYSTEM FMID(CPLAK00)</p> <p>REASON (DB2BIND) DATE (20195)</p> <p>COMMENT (</p> <pre> +-----+        CA Log Analyzer for DB2 for z/OS      Version 20.0        +-----+  SEQUENCE   After Apply                                             +-----+  PURPOSE     Bind Plans and Packages                                 +-----+  USERS                                                                   AFFECTED     All Users                                                +-----+  KNOWLEDGE                                                               REQUIRED     CA DB2 Tools Post Install Customization.               +-----+  ACCESS       1. CA DB2 Tools Post Install                              REQUIRED     2. BIND, SYSADM or SYSCNTL on DB2 subsystem.           +-----+ </pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <pre>***** * STEPS      TO      PERFORM * *****  DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors. ). CSECT(LAA@DOFS,#@XFCALR) . CSECT(LAA@RDDD,#@XFCALN,LAIXMSG) . CSECT(LAA@RDDS,#@XFCALN) .</pre> |



| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13880 | <p>SO13880 M.C.S. ENTRIES = ++PTF (SO13880)</p> <p>REPAIR UTILITY FAILS WITH DSNU671I IN ADOR</p> <p>PROBLEM DESCRIPTION:</p> <p>The CA Log Analyzer for DB2 for z/OS (PLA) Dropped Object Recovery feature fails in RECOVER job step with RC=16 after the REPAIR utility fails. This happens when a dropped table had a LOB column and another column has been added to the table after the LOB column.</p> <p>SYMPTOMS:</p> <p>SYSPRINT output contains message DSNU671I with the following information:<br/>TABLE SCHEMA IN THE CATALOG DOES NOT MATCH THE PAGE SET.</p> <p>IMPACT:</p> <p>Dropped Object Recovery feature is not able to recover a DB2 object.</p> <p>CIRCUMVENTION:</p> <p>Recreate the table with CREATE TABLE and ALTER TABLE ADD COLUMN SQL statements in same order as the original table was created and altered before the drop.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Log Analyzer for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PLA 1316</p> <p>Copyright (C) 2020 CA. All rights reserved. R00979-D200-SP1</p> <p>DESC(REPAIR UTILITY FAILS WITH DSNU671I IN ADOR) .</p> <p>++VER (Z038)</p> <p>FMID (CPUTK00)</p> <p>PRE ( S000024 S004248 S004469 S004798 S005016 S007820<br/>S008803 S010678 S011114 S012174 S012901 S013626 )</p> <p>SUP ( ST13880 )</p> <p>++IF FMID(CUGRK00) REQ(S013881) .</p> <p>++IF FMID(CPLAK00) REQ(S013879) .</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13881 | <p>SO13881 M.C.S. ENTRIES = ++PTF (SO13881)</p> <p>REPAIR UTILITY FAILS WITH DSNU671I IN ADOR</p> <p>PROBLEM DESCRIPTION:</p> <p>The CA Log Analyzer for DB2 for z/OS (PLA) Dropped Object Recovery feature fails in RECOVER job step with RC=16 after the REPAIR utility fails. This happens when a dropped table had a LOB column and another column has been added to the table after the LOB column.</p> <p>SYMPTOMS:</p> <p>SYSPRINT output contains message DSNU671I with the following information:</p> <p>TABLE SCHEMA IN THE CATALOG DOES NOT MATCH THE PAGE SET.</p> <p>IMPACT:</p> <p>Dropped Object Recovery feature is not able to recover a DB2 object.</p> <p>CIRCUMVENTION:</p> <p>Recreate the table with CREATE TABLE and ALTER TABLE ADD COLUMN SQL statements in same order as the original table was created and altered before the drop.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Log Analyzer for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PLA 1316</p> <p>Copyright (C) 2020 CA. All rights reserved. R00979-D200-SP1</p> <p>DESC(REPAIR UTILITY FAILS WITH DSNU671I IN ADOR).</p> <p>++VER (Z038)</p> <p>FMID (CUGRK00)</p> <p>PRE ( S000029 S000201 S001660 S004475 S006879 S009188</p> <p>S012279 S012530 S012902 S013627 )</p> <p>SUP ( ST13881 )</p> <p>++IF FMID(CPUTK00) REQ(S013880) .</p> <p>++IF FMID(CPLAK00) REQ(S013879) .</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13887 | <p>SO13887 M.C.S. ENTRIES = ++PTF (SO13887)</p> <p>EXCEPTION SQL TEXT TRUNCATED</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Detector for DB2 for z/OS (PDT) correctly collects only 4,000 bytes of static SQL statement text. However, when the truncated text is reported on an Exception display, the appropriate "DT212I: SQL text length exceeds maximum length retained" message does not appear.</p> <p>SYMPTOMS:</p> <p>CA Detector correctly truncates the static SQL statement text after 4,000 bytes, but the "DT212I: SQL text length exceeds maximum length retained" message does not appear on the display. Invalid SQL text may appear on the Exception display.</p> <p>IMPACT:</p> <p>Incorrect reporting of static SQL statement text may cause confusion.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Detector for DB2 for z/OS Version 19.0</p> <p>CA Detector for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PDT 1694</p> <p>Copyright (C) 2020 CA. All rights reserved. R00980-D200-SP1</p> <p>DESC(EXCEPTION SQL TEXT TRUNCATED).</p> <p>++VER (Z038)</p> <p>FMID (CPDTK00)</p> <p>PRE ( R096168 R097707 R098429 R099556 S001400 S003942<br/>S004458 S006116 S006334 S006865 S007810 S009811<br/>S010908 S011694 S011983 S012538 S012921 )</p> <p>SUP ( S009044 S009601 S013761 ST09044 ST09601 ST13719<br/>ST13761 ST13870 ST13887 )</p> <p>++HOLD (SO13887) SYSTEM FMID(CPDTK00)</p> <p>REASON (RESTART) DATE (20191)</p> <p>COMMENT (</p> <pre> +-----+        CA Detector for DB2 for z/OS              Version 20.0        +-----+-----+  SEQUENCE   Before Apply                                           +-----+-----+  PURPOSE    Avoidance of module mismatch related errors in an Xmanager  +-----+-----+  USERS      Collections of DB2 statistics via Detector or Subsystem    AFFECTED   Analyzer.                                                            DB2 subsystems that have active collections.           +-----+-----+  KNOWLEDGE  1. SMP/E                                                REQUIRED   2. z/OS System Programming                                          3. CA DB2 Tools Installation and Maintenance procedures.   +-----+-----+  ACCESS    1. Product runtime libraries.                            REQUIRED                                                          +-----+-----+ </pre> <p>*****</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>* STEPS TO PERFORM *</p> <p>*****</p> <p>To implement the PTF:</p> <ol style="list-style-type: none"><li>1. Stop product collections.</li><li>2. Stop the Xmanager task.</li><li>3. Update the runtime library.</li><li>4. Restart the Xmanager task.</li></ol> <p>Important!</p> <p>Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.</p> <p>).</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13889 | <div><div>M.C.S. ENTRIES = ++PTF (SO13889)</div><div>DETECTOR MAY ABEND WITH SOC4 DURING COLLECTION SHUTDOWN</div><div>PROBLEM DESCRIPTION:<br/>Detector for DB2 for z/OS (PDT) may incur a SOC4 abend when multiple CA Detector collections are terminated concurrently and the xmanager termination command is issued.</div><div>SYMPTOMS:<br/>The following abend information may be seen in the DB2DIST address space:<br/>DB21,ABND=OC4-00000011,U=T472RMTB,M=N ,C=121. LOCN::10.245.54.164</div><div>IMPACT:<br/>An svcdump of a SOC4 abend may be generated.</div><div>CIRCUMVENTION:<br/>N/A</div><div>PRODUCT(S) AFFECTED:<br/>CA Detector for DB2 for z/OS</div><div>Related Problem:<br/>PDT 1687</div><div>Copyright (C) 2020 CA. All rights reserved. R00982-D200-SP1</div><div>DESC(DETECTOR MAY ABEND WITH SOC4 DURING COLLECTION SHUTDOWN).<br/>++VER (Z038)<br/>FMID (CPDTK00)<br/>PRE ( R096168 R096580 R097707 R098429 R099556 S000263<br/>S001400 S003942 S004458 S004757 S006116 S006334<br/>S006865 S007810 S007988 S008129 S008323 S008789<br/>S009065 S010018 S010538 S010908 S011694 S011983<br/>S012538 S012921 )<br/>SUP ( AS06334 AS08129 AS13450 R099946 S000423 S006838<br/>S008446 S009828 S010492 S010521 S010652 S013450<br/>S013655 ST00423 ST06838 ST08446 ST09828 ST10492<br/>ST10521 ST10652 ST13450 ST13655 ST13889 TR99946 )<br/>++HOLD (SO13889) SYSTEM FMID(CPDTK00)<br/>REASON (RESTART) DATE (20196)<br/>COMMENT (</div></div> |
|         | <div><div>CA Detector for DB2 for z/OS</div><div>Version 20.0</div><div>SEQUENCE Before Apply</div><div>PURPOSE Avoidance of module mismatch related errors in an Xmanager</div><div>USERS Collections of DB2 statistics via Detector or Subsystem</div><div>AFFECTED Analyzer.</div><div>DB2 subsystems that have active collections.</div><div>KNOWLEDGE 1. SMP/E</div><div>REQUIRED 2. z/OS System Programming</div><div>3. CA DB2 Tools Installation and Maintenance procedures.</div><div>ACCESS 1. Product runtime libraries.</div><div>REQUIRED</div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|         | *****                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>* STEPS TO PERFORM *</p> <p>*****</p> <p>To implement the PTF:</p> <ol style="list-style-type: none"><li>1. Stop product collections.</li><li>2. Stop the Xmanager task.</li><li>3. Update the runtime library.</li><li>4. Restart the Xmanager task.</li></ol> <p>Important!</p> <p>Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.</p> <p>).</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13891 | <p>SO13891 M.C.S. ENTRIES = ++PTF (SO13891)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> <li>1. ACCELERATOR FIELDS IDAA7 SUPPORT</li> <li>2. DYNAMIC SQL STATS - SUPPORT IDAA WAIT-FOR-REPLICATION FIELDS</li> <li>3. STATIC SQL STATS - SUPPORT IDAA WAIT-FOR-REPLICATION FIELDS</li> <li>4. NEW FIELD SUPPORT FOR ACCELERATOR ACCOUTING INFO IFCID 3</li> </ol> <p>=====</p> <p>ACCELERATOR FIELDS IDAA7 SUPPORT</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds support for new Accelerator version 7 fields introduced in STATS2 (IFCID 2) DB2 trace records.</p> <p>The following reports were updated:</p> <p>SYSACDTL - Accelerator Details</p> <p>SYSSTATS - System Snapshot</p> <p>HSACDTL - Accelerator Details Trace History</p> <p>HSSNAP - System Snapshot History</p> <p>HSUACDTL - Accelerator Details Summary History</p> <p>HSUSNAP - System Snapshot Summary History</p> <p>BTSTASM2 - Batch System Summary</p> <p>BTSTATR1 - Batch System Trace</p> <p>GRPSTATS - Group Snapshot</p> <p>DSQSTATS - Data Source Query Subsystem Statistics</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>IDB2 2476</p> <p>=====</p> <p>DYNAMIC SQL STATS - SUPPORT IDAA WAIT-FOR-REPLICATION FIELDS</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) supports new fields ACCEL-WAIT-TIME-REPL and ACCEL-TIMEOUTS-REPL from DYNAMIC-SQL-CACHE (IFCID 316).</p> <p>Two new fields are introduced: ACCEL-WAIT-TIME-REPL and ACCEL-TIMEOUTS-REPL</p> <p>These fields introduce support for HTAP delay protocol.</p> <p>Affected reports: BTDSQSML,BTDSQTRL,DYNSQLCD,DYNSQLTX,HSDYNSQD,HSUDYNSD</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>IDB2 2496</p> <p>=====</p> <p>STATIC SQL STATS - SUPPORT IDAA WAIT-FOR-REPLICATION FIELDS</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds support for new fields of STATIC SQL STATS &amp; IDAA WAIT-FOR-REPLICATION (IFCID 401) DB2 trace record.</p> <p>The following fields were added:</p> <p>Db2 12 fields:</p> <p>ACCEL-WAIT-TIME-REPL -Specifies the accumulated time that query waited for execution on an accelerator because the statements were waiting for replication using HTAP delay protocol to finish updating the referenced tables.</p> <p>ACCEL-TIMEOUTS-REPL -Specifies the accumulated number of times that query</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>execution did not complete because changes were not applied to a referenced table before the HTAP delay protocol time limit expired.</p> <p>The following INCLUDE IQL members were updated:<br/>ZOA401A,ZOA401AS<br/>(Impacted reports: BTSSQSML, BTSSQTRL, HSSTASQD, HSUSTASD,STASQLCD, STASQLTX)<br/>PRODUCT(S) AFFECTED:<br/>CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0<br/>Related Problem:<br/>IDB2 2503<br/>=====</p> <p>NEW FIELD SUPPORT FOR ACCELERATOR ACCOUNTING INFO IFCID 3<br/>ENHANCEMENT DESCRIPTION:<br/>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds support for new fields of Accelerator Accounting information (IFCID 3) Db2 trace record.</p> <p>The following fields were added:<br/>ACCEL-WAIT-TIME-REPL - Specifies the accumulated time that query waited for execution on an accelerator because the statements were waiting for replication using HTAP delay protocol to finish updating the referenced tables.<br/>ACCEL-TIMEOUTS-REPL - Specifies the accumulated number of times that query execution did not complete because changes were not applied to a referenced table before the HTAP delay protocol time limit expired.</p> <p>The following reports were updated:<br/>BTACTSML, BTACTTRL, DSQTHD, HTUACCEL, HTACCEL and THRDACCL<br/>PRODUCT(S) AFFECTED:<br/>CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0<br/>Related Problem:<br/>IDB2 2505<br/>Copyright (C) 2020 CA. All rights reserved. R00983-D200-SP1</p> <p>DESC(ACCELERATOR FIELDS IDAA7 SUPPORT).<br/>++VER (Z038)<br/>FMID (CIDBK00)<br/>PRE ( R096575 R097703 R099552 S000077 S001395 S001664<br/>S004454 S006112 S006862 S007806 S008846 S009519<br/>S009556 S010160 S010716 S010739 S010906 S011616<br/>S011780 S011977 S012769 S013508 S013557 )<br/>SUP ( R097683 S008728 S009743 S010405 S013032 ST03732<br/>ST08728 ST09743 ST10405 ST13032 ST13891 TR97683 )<br/>CSECT (AMXACTDM) .<br/>CSECT (AMXACTDM) .<br/>CSECT (AMXACTDM) .<br/>CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) .<br/>CSECT (IFCIDSCS) .<br/>CSECT (NDDELTA,NDDELTA) .<br/>CSECT (NDFMTSEC,NDFMTSEM) .<br/>CSECT (NDREFORC,NDREFORM) .<br/>CSECT (NDRITABC,NDRITABL) .<br/>CSECT (NDRITBLC,NDRITBL2) .<br/>CSECT (NGRABP2C,NGRABP2) .<br/>CSECT (NGRABP2C,NGRABP2) .<br/>CSECT (NGRABP2C,NGRABP2) .</p> |



| Service | Details                             |
|---------|-------------------------------------|
|         | CSECT (NGRABP3C,NGRABP3) .          |
|         | CSECT (NGRABP3C,NGRABP3) .          |
|         | CSECT (NGRABP3C,NGRABP3) .          |
|         | CSECT (NGR0254C,NGR0254) .          |
|         | CSECT (NGR0317C,NGR0317) .          |
|         | CSECT (NGR0365C,NGR0365) .          |
|         | CSECT (NGR0369C,NGR0369) .          |
|         | CSECT (NGR0373C,NGR0373) .          |
|         | CSECT (NGR0401C,NGR0401) .          |
|         | CSECT (NGR1041C,NGR1041) .          |
|         | CSECT (NGR1043C,NGR1043#) .         |
|         | CSECT (NGR0316C,NGR0316) .          |
|         | CSECT (NGR0316C,NGR0316) .          |
|         | CSECT (NGR0316C,NGR0316) .          |
|         | CSECT (NPLEXDAT,NPLEXSYM,SYMTBLE) . |
|         | CSECT (NSIRECMG,NSIRECM#) .         |
|         | CSECT (NSIRITAC,NSIRITAB) .         |
|         | CSECT (NSISQLGR,NSISQLG#) .         |
|         | CSECT (NUHSTCHC,NUHSTCHM) .         |
|         | CSECT (NUHSTIOC,NUHSTIOM) .         |
|         | CSECT (NUHSTLOM) .                  |
|         | CSECT (NUHSTRDC,NUHSTRDM) .         |
|         | CSECT (NUSUMCLC,NUSUMCLM) .         |
|         | CSECT (REFM106C,REFM106) .          |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13908 | <p>SO13908 M.C.S. ENTRIES = ++PTF (SO13908)</p> <p>REMOVE VERSION DEPENDENCY ON XMANID SETTING</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The Xmanager (PXM) value pack component is being updated to support a planned architectural enhancement. No action is required on your part, and this enhancement does not affect existing product functionality.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA DBM Solutions for DB2 for z/OS Base Install Version 20.0</p> <p>Related Problem:</p> <p>PXM 217</p> <p>Copyright (C) 2020 CA. All rights reserved. R00984-D200-SP1</p> <p>DESC(REMOVE VERSION DEPENDENCY ON XMANID SETTING).</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( SO01396 SO13717 )</p> <p>SUP ( ST13908 )</p> <p>++IF FMID(CPXNK00) REQ(SO13909 ) .</p> <p>++HOLD (SO13908) SYSTEM FMID(CINSK00)</p> <p>REASON (RESTART) DATE (20203)</p> <p>COMMENT (</p> <pre> +-----+        CA DBM Solutions for DB2 for z/OS Base In      Version 20.0        +-----+-----+  SEQUENCE   Before Apply                                       +-----+-----+  PURPOSE    Avoidance of module mismatch related errors in an Xmanager  +-----+-----+  USERS      Collections of DB2 statistics via Detector or Subsystem    AFFECTED   Analyzer.                                                              DB2 subsystems that have active collections.             +-----+-----+  KNOWLEDGE   1. SMP/E                                                  REQUIRED    2. z/OS System Programming                                            3. CA DB2 Tools Installation and Maintenance procedures.   +-----+-----+  ACCESS      1. Product runtime libraries.                              REQUIRED                                                              +-----+-----+ ***** * STEPS    TO    PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may </pre> |

| Service | Details                                                                |
|---------|------------------------------------------------------------------------|
|         | compromise the operating system/DB2 including possible failures.<br>). |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13909 | <p>SO13909 M.C.S. ENTRIES = ++PTF (SO13909)</p> <p>REMOVE VERSION DEPENDENCY ON XMANID SETTING</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The Xmanager (PXM) value pack component is being updated to support a planned architectural enhancement. No action is required on your part, and this enhancement does not affect existing product functionality.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA DBM Solutions for DB2 for z/OS Base Install Version 20.0</p> <p>Related Problem:</p> <p>PXM 217</p> <p>Copyright (C) 2020 CA. All rights reserved. R00984-D200-SP1</p> <p>DESC(REMOVE VERSION DEPENDENCY ON XMANID SETTING) .</p> <p>++VER (Z038)</p> <p>FMID (CPXNK00)</p> <p>SUP ( ST13909 )</p> <p>++IF FMID(CINSK00) REQ(SO13908 ) .</p> |

| Service                                        | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                 |              |                                                |              |                                                |              |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|--------------|------------------------------------------------|--------------|------------------------------------------------|--------------|
| SO13930                                        | <p>SO13930 M.C.S. ENTRIES = ++PTF (SO13930)</p> <p>RC/MERGER EXECUTION FAILS WHEN MQT IS DEFINED ON VIEW</p> <p>PROBLEM DESCRIPTION:</p> <p>In CA RC/Migrator for DB2 for z/OS (RCM), the RC/Merger (RMM) execution fails with SQL error -204 when the source has MQT defined on a VIEW object.</p> <p>SYMPTOMS:</p> <p>The MQT DDL is generated before the VIEW DDL, which causes the following SQL error at the time of execution.</p> <p>DSNT408I SQLCODE = -204, ERROR: XXXXX.XXXXX IS AN UNDEFINED NAME</p> <p>DSNT418I SQLSTATE = 42704 SQLSTATE RETURN CODE</p> <p>IMPACT:</p> <p>RMM analysis cannot be executed successfully.</p> <p>CIRCUMVENTION:</p> <p>Manually edit the analysis and make sure the VIEW DDL is executed before MQT.</p> <p>Product(S) Affected:</p> <table> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Base Install</td><td>Version 19.0</td></tr> <tr> <td>CA DBM Solutions for DB2 for z/OS Base Install</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>RMM 253</p> <p>Copyright (C) 2020 CA. All rights reserved. R00986-D200-SP1</p> <p>DESC(RC/MERGER EXECUTION FAILS WHEN MQT IS DEFINED ON VIEW) .</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( R096576 R097704 R099553 S000016 S001396 S004718</p> <p>S006113 S006638 S007379 S007807 S008957 S009105</p> <p>S011691 S011866 S011966 S012361 S012933 )</p> <p>SUP ( S009126 S010331 S010631 S010827 S010978 S012524</p> <p>ST08916 ST09126 ST10331 ST10631 ST10827 ST10978</p> <p>ST12524 ST13930 )</p> <p>CSECT(RMA@DDL,#@XFALN) .</p> | CA RC/Migrator for DB2 for z/OS | Version 20.0 | CA DBM Solutions for DB2 for z/OS Base Install | Version 19.0 | CA DBM Solutions for DB2 for z/OS Base Install | Version 20.0 |
| CA RC/Migrator for DB2 for z/OS                | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |              |                                                |              |                                                |              |
| CA DBM Solutions for DB2 for z/OS Base Install | Version 19.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |              |                                                |              |                                                |              |
| CA DBM Solutions for DB2 for z/OS Base Install | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                 |              |                                                |              |                                                |              |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13960 | <p>SO13960 M.C.S. ENTRIES = ++PTF (SO13960)</p> <p>DB2 ABEND PFU SHRLEVEL CHANGE / KEY LABEL CLONE TABLES ERROR</p> <p>PROBLEM DESCRIPTION:</p> <p>1. CA Fast Unload for DB2 for z/OS (PFU) may cause a DB2 subsystem to abnormally end with an S04F code under the following conditions:</p> <ul style="list-style-type: none"> <li>- S008585 PTF ("S04E WHEN UNLOADING A LOB COLUMN WITH SHRLEVEL CHANGE") is applied.</li> <li>- SHRLEVEL CHANGE is specified.</li> <li>- There are LOB columns.</li> <li>- The tablespace is partitioned.</li> </ul> <p>2. CA Database Management Solutions for DB2 for z/OS Utilities (PUT) may fail when attempting to define a DB2 data set for a clone table under DB2 12 catalog levels higher than 501.</p> <p>SYMPTOMS:</p> <p>1.</p> <ul style="list-style-type: none"> <li>- PFU abends with the S04E code and 00C90101 reason code.</li> <li>- The following symptom dump in the JESMSG LG DD of the PFU job:</li> </ul> <pre>IEA995I SYMPTOM DUMP OUTPUT 576 SYSTEM COMPLETION CODE=04E REASON CODE=00C90101 TIME=13.03.37 SEQ=47464 CPU=0000 ASID=0043 PSW AT TIME OF ERROR 077C1001 AB8A668A ILC 2 INTC 0D NO ACTIVE MODULE FOUND - PRIMARY NOT EQUAL TO HOME NAME=UNKNOWN DATA AT PSW 2B8A6684 - 5810C01C 0A0DEBE1 D8580024 GR 0: 00000000_00000000 1: 00000000_0404E000 2: 000006FD_3AA80700 3: 0000005D_0000FE4E 4: 00000000_00000000 5: 00000000_00000000 6: 00000000_1C309040 7: 00000000_1EB3D000 8: 00000612_42414D20 9: 000006FD_FFFFFFFF A: 00000000_00000000 B: 00000000_00000080 E: 0000005D_868BB050 F: 00000000_00C90101 END OF SYMPTOM DUMP</pre> <ul style="list-style-type: none"> <li>- The following message in the PTIMSG DD of the PFU job:</li> </ul> <pre>PFU0491E - DISCONN ERROR HAS OCCURRED: SUBSYSTEM = PLAN NAME RETURN CODE = 000000C8 REASON = 00C10204</pre> <ul style="list-style-type: none"> <li>- The DBM1 (database services address space) DB2 started task abends with the S04F code.</li> <li>- The following messages in the JESMSG LG DD of the DBM1 started task:</li> </ul> <pre>DSNV086E *BT11 DB2 ABNORMAL TERMINATION REASON=00F30801 IEF450I BT11DBM1 BT11DBM1 - ABEND=S04F U0000 REASON=00000000 355</pre> <ul style="list-style-type: none"> <li>- The MSTR (system services address space) abends with the S0D6 code and 00000027 reason code.</li> <li>- The following symptom dump in the JESMSG LG DD of the MSTR started task:</li> </ul> <pre>IEA995I SYMPTOM DUMP OUTPUT 778 SYSTEM COMPLETION CODE=0D6 REASON CODE=00000027 TIME=13.03.44 SEQ=47898 CPU=4004 ASID=01C4 PSW AT TIME OF ERROR 077C0000 AB61BCCC ILC 4 INTC 27 ACTIVE MODULE ADDRESS=00000000_2B615D20 OFFSET=00005FAC NAME=DSNRLLM1 DATA AT PSW 2B61BCC6 - F03058F0 F32CB218 F0005830 AR/GR 0: 000001C4/00000000_00000000 1: 00000000/00000000_7EE2D000 2: 00000000/00000000_00000000 3: 00000000/000001DF_1B263360 4: 00000000/00000000_7EE2DAB4 5: 00000000/D6CBCED2_A2D0CF80</pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>6: 00000000/00000000_1E9E3260 7: 00000000/00000000_00000000</p> <p>8: 00000000/00AF0070_22D0CB30 9: 00000000/000006FD_1EA9BFD0</p> <p>A: 00000000/000006FD_7F5F3ED0 B: 00000000/00000000_7EE97A98</p> <p>C: 00000000/00000000_2B61CCE0 D: 00000000/00000000_7EBD2040</p> <p>E: 00000000/00000000_00000000 F: 00000007/00000000_0019C302</p> <p>END OF SYMPTOM DUMP</p> <p>2.</p> <p>The following message is printed to the PTIMSG DD:</p> <p>PUT0359E - DB2 catalog processing error:</p> <p>DCP::extractKeyLabelFromCatalog(std::string)</p> <p>IMPACT:</p> <p>1. PFU and DB2 abend.</p> <p>2. Processing fails.</p> <p>CIRCUMVENTION:</p> <p>1. Specify SHRLEVEL REFERENCE or SHRLEVEL IGNORE, and rerun the job.</p> <p>2. None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Database Management Solutions for DB2 for z/OS Utilities Version 20.0</p> <p>CA Fast Unload for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PUT 819</p> <p>Copyright (C) 2020 CA. All rights reserved. R00990-D200-SP1</p> <p>DESC(DB2 ABEND PFU SHRLEVEL CHANGE / KEY LABEL CLONE TABLES ERROR).</p> <p>++VER (Z038)</p> <p>FMID (CPFUK00)</p> <p>PRE ( R099558 S000019 S004460 S006867 S008068 S008112</p> <p>S008585 S009025 S010043 S011108 S012108 S013766 )</p> <p>SUP ( AS04460 AS08585 S011052 ST03708 ST11052 ST13960 )</p> <p>++IF FMID(CPUTK00) REQ(S013961 ) .</p> <p>++HOLD (S013960) SYSTEM FMID(CPFUK00)</p> <p>REASON (MSGSKEL) DATE (20203)</p> <p>COMMENT (</p> <pre> +-----+        CA Fast Unload for DB2 for z/OS      Version 20.0        +-----+-----+  SEQUENCE   After Apply                                           +-----+-----+  PURPOSE    Relink XMESSAGES                                     +-----+-----+  USERS                                                             AFFECTED   All CA DB2 Tools Users                               +-----+-----+  KNOWLEDGE                                                          REQUIRED   CA DB2 Tools Post Install Customization.            +-----+-----+  ACCESS     1. CA DB2 Tools Post Install                          REQUIRED   2. BIND Authority on DB2 subsystems                  +-----+-----+ ***** * STEPS    TO    PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. </pre> |

| Service | Details                                                                                                                                                                                                                                                                       |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>If you do customize XMESSAGES, after maintenance is APPLIED</p> <ol style="list-style-type: none"><li>1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules.</li></ol> <p>Refer to the Post Installation and Customization Guide for details.</p> <p>).</p> |



| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13961 | <p>SO13961 M.C.S. ENTRIES = ++PTF (SO13961)</p> <p>DB2 ABEND PFU SHRLEVEL CHANGE / KEY LABEL CLONE TABLES ERROR</p> <p>PROBLEM DESCRIPTION:</p> <p>1. CA Fast Unload for DB2 for z/OS (PFU) may cause a DB2 subsystem to abnormally end with an S04F code under the following conditions:</p> <ul style="list-style-type: none"> <li>- S008585 PTF ("S04E WHEN UNLOADING A LOB COLUMN WITH SHRLEVEL CHANGE") is applied.</li> <li>- SHRLEVEL CHANGE is specified.</li> <li>- There are LOB columns.</li> <li>- The tablespace is partitioned.</li> </ul> <p>2. CA Database Management Solutions for DB2 for z/OS Utilities (PUT) may fail when attempting to define a DB2 data set for a clone table under DB2 12 catalog levels higher than 501.</p> <p>SYMPTOMS:</p> <p>1.</p> <ul style="list-style-type: none"> <li>- PFU abends with the S04E code and 00C90101 reason code.</li> <li>- The following symptom dump in the JESMSG LG DD of the PFU job:</li> </ul> <pre>IEA995I SYMPTOM DUMP OUTPUT 576 SYSTEM COMPLETION CODE=04E REASON CODE=00C90101 TIME=13.03.37 SEQ=47464 CPU=0000 ASID=0043 PSW AT TIME OF ERROR 077C1001 AB8A668A ILC 2 INTC OD NO ACTIVE MODULE FOUND - PRIMARY NOT EQUAL TO HOME NAME=UNKNOWN DATA AT PSW 2B8A6684 - 5810C01C 0A0DEBE1 D8580024 GR 0: 00000000_00000000 1: 00000000_0404E000 2: 000006FD_3AA80700 3: 0000005D_0000FE4E 4: 00000000_00000000 5: 00000000_00000000 6: 00000000_1C309040 7: 00000000_1EB3D000 8: 00000612_42414D20 9: 000006FD_FFFFFFFF A: 00000000_00000000 B: 00000000_00000080 E: 0000005D_868BB050 F: 00000000_00C90101 END OF SYMPTOM DUMP</pre> <ul style="list-style-type: none"> <li>- The following message in the PTIMSG DD of the PFU job:</li> </ul> <pre>PFU0491E - DISCONN ERROR HAS OCCURRED: SUBSYSTEM = PLAN NAME RETURN CODE = 000000C8 REASON = 00C10204</pre> <ul style="list-style-type: none"> <li>- The DBM1 (database services address space) DB2 started task abends with the S04F code.</li> <li>- The following messages in the JESMSG LG DD of the DBM1 started task:</li> </ul> <pre>DSNV086E *BT11 DB2 ABNORMAL TERMINATION REASON=00F30801 IEF450I BT11DBM1 BT11DBM1 - ABEND=S04F U0000 REASON=00000000 355</pre> <ul style="list-style-type: none"> <li>- The MSTR (system services address space) abends with the S0D6 code and 00000027 reason code.</li> <li>- The following symptom dump in the JESMSG LG DD of the MSTR started task:</li> </ul> <pre>IEA995I SYMPTOM DUMP OUTPUT 778 SYSTEM COMPLETION CODE=0D6 REASON CODE=00000027 TIME=13.03.44 SEQ=47898 CPU=4004 ASID=01C4 PSW AT TIME OF ERROR 077C0000 AB61BCCC ILC 4 INTC 27 ACTIVE MODULE ADDRESS=00000000_2B615D20 OFFSET=00005FAC NAME=DSNRLLM1 DATA AT PSW 2B61BCC6 - F03058F0 F32CB218 F0005830 AR/GR 0: 000001C4/00000000_00000000 1: 00000000/00000000_7EE2D000 2: 00000000/00000000_00000000 3: 00000000/000001DF_1B263360 4: 00000000/00000000_7EE2DAB4 5: 00000000/D6CBCED2_A2D0CF80</pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>6: 00000000/00000000_1E9E3260 7: 00000000/00000000_00000000</p> <p>8: 00000000/00AF0070_22D0CB30 9: 00000000/000006FD_1EA9BFD0</p> <p>A: 00000000/000006FD_7F5F3ED0 B: 00000000/00000000_7EE97A98</p> <p>C: 00000000/00000000_2B61CCE0 D: 00000000/00000000_7EBD2040</p> <p>E: 00000000/00000000_00000000 F: 00000007/00000000_0019C302</p> <p>END OF SYMPTOM DUMP</p> <p>2.</p> <p>The following message is printed to the PTIMSG DD:</p> <p>PUT0359E - DB2 catalog processing error:</p> <p>DCP::extractKeyLabelFromCatalog(std::string)</p> <p>IMPACT:</p> <p>1. PFU and DB2 abend.</p> <p>2. Processing fails.</p> <p>CIRCUMVENTION:</p> <p>1. Specify SHRLEVEL REFERENCE or SHRLEVEL IGNORE, and rerun the job.</p> <p>2. None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Database Management Solutions for DB2 for z/OS Utilities Version 20.0</p> <p>CA Fast Unload for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PUT 819</p> <p>Copyright (C) 2020 CA. All rights reserved. R00990-D200-SP1</p> <p>DESC(DB2 ABEND PFU SHRLEVEL CHANGE / KEY LABEL CLONE TABLES ERROR).</p> <p>++VER (Z038)</p> <p>FMID (CPUTK00)</p> <p>PRE ( S007820 S008072 S008429 S008586 S011521 S013767 )</p> <p>SUP ( ST13961 )</p> <p>++IF FMID(CPFUK00) REQ(S013960 ) .</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13973 | <p>SO13973 M.C.S. ENTRIES = ++PTF (SO13973)</p> <p>LBIND/LREBIND FAILS WITH SQLCODE -305</p> <p>PROBLEM DESCRIPTION:</p> <p>In CA RC/Query for DB2 for z/OS (RCQ), the LREBIND and LBIND commands fail with SQLCODE -305 when an accelerator is enabled on the Db2 subsystem.</p> <p>SYMPTOMS:</p> <p>Command fails with the following error.</p> <p>SQLCODE = -305, ERROR: THE NULL VALUE CANNOT BE ASSIGNED TO OUTPUT HOST VARIABLE NUMBER 39 BECAUSE NO INDICATOR VARIABLE IS SPECIFIED</p> <p>IMPACT:</p> <p>The package cannot be bound.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA RC/Query for DB2 for z/OS <span style="float: right;">Version 20.0</span></p> <p>Related Problem:</p> <p>RCQ 1618</p> <p>Copyright (C) 2020 CA. All rights reserved. R00991-D200-SP1</p> <p>DESC(LBIND/LREBIND FAILS WITH SQLCODE -305).</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( R099553 S006113 S010788 S012011 S012228 )</p> <p>SUP ( AS10788 S010871 S011468 S012132 ST10871 ST11468</p> <p>ST12132 ST13973 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13974 | <p>SO13974 M.C.S. ENTRIES = ++PTF (SO13974)</p> <p>REORG NOT GENERATED WHEN ADDING A COLUMN AT THE END OF TABLE</p> <p>PROBLEM DESCRIPTION:</p> <p>When CA RC/Migrator for DB2 for z/OS (RCM) generates ALTER TABLE DDL to add a new column, it does not generate REORG utility statements when the ALTER TABLE DDL to add a column follows another ALTER statement that places a different tablespace in REORG pending status.</p> <p>SYMPTOMS:</p> <p>REORG utility statements are not generated for the tablespace where the altered table resides.</p> <p>IMPACT:</p> <p>The execution of the script will place the tablespace in AREO pending status.</p> <p>CIRCUMVENTION:</p> <p>Reorg the tablespace before using it.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA RC/Migrator for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>RCM 3071</p> <p>Copyright (C) 2020 CA. All rights reserved. R00992-D200-SP1</p> <p>DESC(REORG NOT GENERATED WHEN ADDING A COLUMN AT THE END OF TABLE).<br/>++VER (Z038)<br/>FMID (CINSK00)<br/>PRE ( R097704 S001396 S004455 S004718 S007379 S008957<br/>S009105 S011691 S011966 S012361 S012933 )<br/>SUP ( S009839 ST09791 ST09839 ST13974 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO13982 | <p>SO13982 M.C.S. ENTRIES = ++PTF (SO13982)</p> <p>ENABLE ZIIP SUPPORT IN SQL TRANSFORMATION SERVICE</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The common SQL Transformation Service has been relocated from FMID INS (CA Database Management Solutions for DB2 for z/OS) to FMID SQ2 (CA Common SQL Services for DB2 for z/OS). In addition, the service is now eligible for zIIP processing when it is called by CA products that are zIIP-enabled.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Common SQL Services for DB2 for z/OS Version 1.0</p> <p>Related Problem:</p> <p>SQ2 26</p> <p>Copyright (C) 2020 CA. All rights reserved. R00028-SQ2010-SP1</p> <p>DESC(ENABLE ZIIP SUPPORT IN SQL TRANSFORMATION SERVICE).</p> <p>++VER (Z038)</p> <p>FMID (CSQ2100)</p> <p>PRE ( R096102 R096495 R097090 R098041 R099899 S000849 S005308 S006494 )</p> <p>SUP ( S004155 S008576 S008799 S012501 ST04155 ST05283 ST05305 ST08576 ST08799 ST12501 ST13982 TR95279 TR95281 )</p> |

| Service                               | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                       |              |                              |              |                                 |              |
|---------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------|------------------------------|--------------|---------------------------------|--------------|
| SO13985                               | <p>SO13985 M.C.S. ENTRIES = ++PTF (SO13985)</p> <p>UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The SQL Transformation Service has been externalized to the SQL Services library. The affected products in the CA Database Management Solutions for DB2 for z/OS have been updated to use the SQL Services library.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA Database Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>PPADB2 1027</p> <p>Copyright (C) 2020 CA. All rights reserved. R00993-D200-SP1</p> <p>DESC(UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION) .</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( R096576 R097704 R099553 S000016 S001396 S003959</p> <p>S004129 S004455 S004718 S006113 S006638 S006863</p> <p>S007379 S007807 S008578 S009105 S009797 S011691</p> <p>S011966 S012361 S012650 S012924 S012933 S012942 )</p> <p>SUP ( S011696 ST11696 ST13985 )</p> <p>++IF FMID(CSQ2100) REQ(S013982 ) .</p> <p>++IF FMID(CPDAK00) REQ(S013986 ) .</p> <p>++IF FMID(CPDTK00) REQ(S013987 ) .</p> <p>++IF FMID(CPPAK00) REQ(S013988 ) .</p> <p>CSECT(PPA#CTRD,#CBLD1,#CBLD,BSECT) .</p> <p>CSECT(RMA@CMNP,#@XFCALN) .</p> | CA Database Analyzer for DB2 for z/OS | Version 20.0 | CA Detector for DB2 for z/OS | Version 20.0 | CA RC/Migrator for DB2 for z/OS | Version 20.0 |
| CA Database Analyzer for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                       |              |                              |              |                                 |              |
| CA Detector for DB2 for z/OS          | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                       |              |                              |              |                                 |              |
| CA RC/Migrator for DB2 for z/OS       | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                       |              |                              |              |                                 |              |

| Service                               | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |              |                              |              |                                 |              |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------|------------------------------|--------------|---------------------------------|--------------|
| SO13986                               | <p>SO13986 M.C.S. ENTRIES = ++PTF (SO13986)</p> <p>UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The SQL Transformation Service has been externalized to the SQL Services library. The affected products in the CA Database Management Solutions for DB2 for z/OS have been updated to use the SQL Services library.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA Database Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>PPADB2 1027</p> <p>Copyright (C) 2020 CA. All rights reserved. R00993-D200-SP1</p> <p>DESC(UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION) .</p> <p>++VER (Z038)</p> <p>FMID (CPDAK00)</p> <p>PRE ( S004457 S012651 )</p> <p>SUP ( ST13986 )</p> <p>++IF FMID(CSQ2100) REQ(S013982 ) .</p> <p>++IF FMID(CPDTK00) REQ(S013987 ) .</p> <p>++IF FMID(CPPAK00) REQ(S013988 ) .</p> <p>++IF FMID(CINSK00) REQ(S013985 ) .</p> | CA Database Analyzer for DB2 for z/OS | Version 20.0 | CA Detector for DB2 for z/OS | Version 20.0 | CA RC/Migrator for DB2 for z/OS | Version 20.0 |
| CA Database Analyzer for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |              |                              |              |                                 |              |
| CA Detector for DB2 for z/OS          | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |              |                              |              |                                 |              |
| CA RC/Migrator for DB2 for z/OS       | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |              |                              |              |                                 |              |

| Service                               | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |              |                              |              |                                 |              |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------|------------------------------|--------------|---------------------------------|--------------|
| SO13987                               | <p>SO13987 M.C.S. ENTRIES = ++PTF (SO13987)</p> <p>UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The SQL Transformation Service has been externalized to the SQL Services library. The affected products in the CA Database Management Solutions for DB2 for z/OS have been updated to use the SQL Services library.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA Database Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>PPADB2 1027</p> <p>Copyright (C) 2020 CA. All rights reserved. R00993-D200-SP1</p> <p>DESC(UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION) .</p> <p>++VER (Z038)</p> <p>FMID (CPDTK00)</p> <p>PRE ( R096168 R099556 S001400 S004458 S006116 S012652 )</p> <p>SUP ( S006237 ST06237 ST13987 )</p> <p>++IF FMID(CSQ2100) REQ(SO13982 ) .</p> <p>++IF FMID(CPDAK00) REQ(SO13986 ) .</p> <p>++IF FMID(CPPAK00) REQ(SO13988 ) .</p> <p>++IF FMID(CINSK00) REQ(SO13985 ) .</p> | CA Database Analyzer for DB2 for z/OS | Version 20.0 | CA Detector for DB2 for z/OS | Version 20.0 | CA RC/Migrator for DB2 for z/OS | Version 20.0 |
| CA Database Analyzer for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |              |                              |              |                                 |              |
| CA Detector for DB2 for z/OS          | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |              |                              |              |                                 |              |
| CA RC/Migrator for DB2 for z/OS       | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |              |                              |              |                                 |              |



| Service                               | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                       |              |                              |              |                                 |              |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------|------------------------------|--------------|---------------------------------|--------------|
| SO13988                               | <p>SO13988 M.C.S. ENTRIES = ++PTF (SO13988)</p> <p>UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The SQL Transformation Service has been externalized to the SQL Services library. The affected products in the CA Database Management Solutions for DB2 for z/OS have been updated to use the SQL Services library.</p> <p>PRODUCT(S) AFFECTED:</p> <table> <tr> <td>CA Database Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>PPADB2 1027</p> <p>Copyright (C) 2020 CA. All rights reserved. R00993-D200-SP1</p> <p>DESC(UPGRADE TO SQ2 COMMON SQL SERVICES SQL TRANSFORMATION) .</p> <p>++VER (Z038)</p> <p>FMID (CPPAK00)</p> <p>PRE ( R096584 S001404 S008581 S012068 )</p> <p>SUP ( ST13988 )</p> <p>++IF FMID(CSQ2100) REQ(S013982 ) .</p> <p>++IF FMID(CPDAK00) REQ(S013986 ) .</p> <p>++IF FMID(CPDTK00) REQ(S013987 ) .</p> <p>++IF FMID(CINSK00) REQ(S013985 ) .</p> | CA Database Analyzer for DB2 for z/OS | Version 20.0 | CA Detector for DB2 for z/OS | Version 20.0 | CA RC/Migrator for DB2 for z/OS | Version 20.0 |
| CA Database Analyzer for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |              |                              |              |                                 |              |
| CA Detector for DB2 for z/OS          | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |              |                              |              |                                 |              |
| CA RC/Migrator for DB2 for z/OS       | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                       |              |                              |              |                                 |              |

| Service                                           | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                   |              |                                  |              |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|--------------|----------------------------------|--------------|
| SO13990                                           | <p>SO13990 M.C.S. ENTRIES = ++PTF (SO13990)</p> <p>ADD PARTITION ISSUES IN ALTER TABLE</p> <p>PROBLEM DESCRIPTION:</p> <p>In CA Database Management Solutions for DB2 for z/OS, changes are made in OFS (Object Framework Services) to fix the bug related to ALTER TABLE ADD PARTITION clause for partition by growth tablespace.</p> <p>SYMPTOMS:</p> <p>None</p> <p>IMPACT:</p> <p>Invalid ALTER TABLE ADD PARTITION statement generated.</p> <p>CIRCUMVENTION:</p> <p>None</p> <p>PRODUCTS AFFECTED:</p> <table> <tr> <td>CA Database Management Solutions for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Log Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>Related Problem:</p> <p>OFS 693</p> <p>Copyright (C) 2020 CA. All rights reserved. R00994-D200-SP1</p> <p>DESC(ADD PARTITION ISSUES IN ALTER TABLE).</p> <p>++VER (Z038)</p> <p>FMID (COFSK00)</p> <p>PRE ( R096577 R097705 R099554 S001397 S004456 S006114<br/>S006864 S008858 )</p> <p>SUP ( ST13860 ST13990 )</p> | CA Database Management Solutions for DB2 for z/OS | Version 20.0 | CA Log Analyzer for DB2 for z/OS | Version 20.0 |
| CA Database Management Solutions for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |              |                                  |              |
| CA Log Analyzer for DB2 for z/OS                  | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                   |              |                                  |              |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14016 | <p>SO14016 M.C.S. ENTRIES = ++PTF (SO14016)</p> <p>STORAGE MANAGEMENT CHANGES FOR IDB2 ACCOUNTING</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) is updated to process IDB2 accounting records more efficiently, and identify orphaned entries more quickly.</p> <p>The IFI command output is updated to show the number of READS IFI requests issued for any IFI record (IFCID).</p> <p>The Max Page Locks value in the IDB2 accounting record was frequently incorrect. This has been corrected.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>IDB2 2491</p> <p>Copyright (C) 2020 CA. All rights reserved. R00996-D200-SP1</p> <p>DESC(STORAGE MANAGEMENT CHANGES FOR IDB2 ACCOUNTING).</p> <p>++VER (Z038)</p> <p>FMID (CIDBK00)</p> <p>PRE ( R096575 R097703 R098428 R099552 S001395 S004454<br/>S006112 S006333 S006862 S006977 S007806 S008846<br/>S010160 S010906 S011616 S011693 S011977 S012428<br/>S012769 S013557 S013891 )</p> <p>SUP ( R097683 S013032 ST05936 ST10533 ST13032 ST13775<br/>ST14016 TR97683 TR98366 )</p> <p>++HOLD (SO14016) SYSTEM FMID(CIDBK00)</p> <p>REASON (RESTART) DATE (20199)</p> <p>COMMENT (</p> <pre> +-----+        CA SYSVIEW Performance Management Option for DB2 for z/OS               Version 20.0                                                      +-----+-----+  SEQUENCE   Before Apply                                                           +-----+-----+  PURPOSE     Avoidance of module mismatch related errors in an Xmanager  +-----+-----+  USERS       Collections of DB2 statistics via Detector or Subsystem    AFFECTED    Analyzer.                                                                DB2 subsystems that have active collections.               +-----+-----+  KNOWLEDGE   1. SMP/E                                                       REQUIRED    2. z/OS System Programming                                                  3. CA DB2 Tools Installation and Maintenance procedures.    +-----+-----+  ACCESS      1. Product runtime libraries.                                  REQUIRED                                                                  +-----+-----+ ***** * STEPS    TO    PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. </pre> |

| Service   | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                       |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|--|--|--------------|--|----------|--|-------------|--|---------|--|--|--|--|--|-------------------------------|--|-------|--|--|--|----------|--|--|--|--|--|-------------------------------------------------------|--|--|--|----------|--|-----------|--|--|--|----------|--|--|--|--|--|---------------------------------------------------|--|--------|--|--|--|----------|--|----------------------------------------------|--|
|           | <p>3. Update the runtime library.</p> <p>4. Restart the Xmanager task.</p> <p>Important!</p> <p>Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.</p> <p>+-----+</p> <table><tr><td> </td><td>CA SYSVIEW Performance Management Option for DB2 for z/OS</td><td> </td></tr><tr><td> </td><td>Version 20.0</td><td> </td></tr></table> <p>+-----+</p> <table><tr><td> SEQUENCE</td><td> </td><td>After Apply</td><td> </td></tr></table> <p>+-----+</p> <table><tr><td> PURPOSE</td><td> </td><td></td><td> </td></tr><tr><td> </td><td> </td><td>To Activate the PTF function.</td><td> </td></tr></table> <p>+-----+</p> <table><tr><td> USERS</td><td> </td><td></td><td> </td></tr><tr><td> AFFECTED</td><td> </td><td></td><td> </td></tr><tr><td> </td><td> </td><td>Those using the PDTSQL option of the HIST-ACCT-DETAIL</td><td> </td></tr><tr><td> </td><td> </td><td>SYSPARM.</td><td> </td></tr></table> <p>+-----+</p> <table><tr><td> KNOWLEDGE</td><td> </td><td></td><td> </td></tr><tr><td> REQUIRED</td><td> </td><td></td><td> </td></tr><tr><td> </td><td> </td><td>SMP/E Installation, and DB2 TOOLS Administration.</td><td> </td></tr></table> <p>+-----+</p> <table><tr><td> ACCESS</td><td> </td><td></td><td> </td></tr><tr><td> REQUIRED</td><td> </td><td>DB2 Tools product libraries for maintenance.</td><td> </td></tr></table> <p>+-----+</p> <p>*****</p> <p>* STEPS TO PERFORM *</p> <p>*****</p> <p>Following application of this PTF you must restart the Xmanager address space and all Sysview/DB2 data collectors that use the PDTSQL option to collect IDB2 Accounting data.</p> <p>).</p> <p>CSECT (AMX99M) .</p> <p>CSECT (NALDSKOM) .</p> <p>CSECT (NCCDCO3C,NCCDCO3M) .</p> <p>CSECT (NCCMAINC,NCCMAINM) .</p> <p>CSECT (NSIHSDYC,NSIHSDYN) .</p> <p>CSECT (NUHSTIOC,NUHSTIOM) .</p> <p>CSECT (NUHSTLOM) .</p> <p>CSECT (NUHSTRDC,NUHSTRDM) .</p> |                                                       | CA SYSVIEW Performance Management Option for DB2 for z/OS |  |  | Version 20.0 |  | SEQUENCE |  | After Apply |  | PURPOSE |  |  |  |  |  | To Activate the PTF function. |  | USERS |  |  |  | AFFECTED |  |  |  |  |  | Those using the PDTSQL option of the HIST-ACCT-DETAIL |  |  |  | SYSPARM. |  | KNOWLEDGE |  |  |  | REQUIRED |  |  |  |  |  | SMP/E Installation, and DB2 TOOLS Administration. |  | ACCESS |  |  |  | REQUIRED |  | DB2 Tools product libraries for maintenance. |  |
|           | CA SYSVIEW Performance Management Option for DB2 for z/OS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                       |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |
|           | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                       |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |
| SEQUENCE  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | After Apply                                           |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |
| PURPOSE   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | To Activate the PTF function.                         |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |
| USERS     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |
| AFFECTED  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Those using the PDTSQL option of the HIST-ACCT-DETAIL |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SYSPARM.                                              |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |
| KNOWLEDGE |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |
| REQUIRED  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |
|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | SMP/E Installation, and DB2 TOOLS Administration.     |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |
| ACCESS    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |
| REQUIRED  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DB2 Tools product libraries for maintenance.          |                                                           |  |  |              |  |          |  |             |  |         |  |  |  |  |  |                               |  |       |  |  |  |          |  |  |  |  |  |                                                       |  |  |  |          |  |           |  |  |  |          |  |  |  |  |  |                                                   |  |        |  |  |  |          |  |                                              |  |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S014025 | <p>S014025 M.C.S. ENTRIES = ++PTF (S014025)</p> <p>INCORRECT SPACE MAP HEADER FIELDS</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Fast Load for DB2 for z/OS (PFL) may incorrectly calculate header fields of the last segmented space map page in a table space page set when the space map is full and one of the following PTF fixes is applied:</p> <ul style="list-style-type: none"> <li>- S009377 (for Version 19.0).</li> <li>- S009378 (for Version 20.0).</li> <li>- S011325 (for Version 20.0).</li> </ul> <p>The incorrect header fields may result in failures when the table is accessed.</p> <p>PROBLEM DESCRIPTION:</p> <p>SYMPTOMS:</p> <p>SEGLENT='FFFFFFFF'X in a segmented space map page.</p> <p>IMPACT:</p> <p>Subsequent SQL statement activity may overwrite tablespace data.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Fast Load for DB2 for z/OS Version 19.0</p> <p>CA Fast Load for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PFL 1297</p> <p>Copyright (C) 2020 CA. All rights reserved. R00998-D200-SP1</p> <p>DESC(INCORRECT SPACE MAP HEADER FIELDS).</p> <p>++VER (Z038)</p> <p>FMID (CPFLK00)</p> <p>PRE ( R096581 R097708 S000018 S000081 S004459 S005012<br/>S006117 S006866 S011325 S011996 S012150 S013066<br/>S013175 S013203 )</p> <p>SUP ( AS09180 AS13203 S009180 S009378 ST05071 ST09180<br/>ST09378 ST14018 ST14025 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14029 | <div>SO14029    M.C.S. ENTRIES    = ++PTF (SO14029)</div> <div>SUPPORT FOR HUFFMAN COMPRESSION</div> <div>ENHANCEMENT DESCRIPTION:</div> <div>CA Database Management Solutions for DB2 for z/OS tools now provide native support for Huffman compression of tablespace data.</div> <div>The following products can now compress and expand rows when a Huffman dictionary is present:</div> <div>PRODUCT(S) AFFECTED:</div> <div><div>CA Fast Check for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Index for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Load for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Log Analyzer for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Database Analyzer for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Rapid Reorg for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Unload for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Recover for DB2 for z/OS</div><div>Version 20.0</div></div> <div>Related Problem:</div> <div>INS        463</div> <div>Copyright (C) 2020 CA. All rights reserved. R01000-D200-SP1</div> <div>DESC(SUPPORT FOR HUFFMAN COMPRESSION).</div> <div>++VER (Z038)</div> <div>FMID (CINSK00)</div> <div>PRE ( R096576 S000016 S000978 S001396 S005011 S009022</div> <div>S011084 S011234 )</div> <div>SUP ( ST13912 ST14029 )</div> <div>++IF FMID(CPDAK00) REQ(SO14030 ) .</div> <div>++IF FMID(CPFLK00) REQ(SO14031 ) .</div> <div>++IF FMID(CPFUK00) REQ(SO14032 ) .</div> <div>++IF FMID(CPLAK00) REQ(SO14033 ) .</div> <div>++IF FMID(CPUTK00) REQ(SO14035 ) .</div> <div>++IF FMID(CUGRK00) REQ(SO14036 ) .</div> <div>++IF FMID(CPRRK00) REQ(SO14034 ) .</div> <div>++HOLD (SO14029) SYSTEM FMID(CINSK00)</div> <div>REASON (ACTION )    DATE (20205)</div> <div>COMMENT (</div> <div><div><div>-----+</div><div>         CA DBM Solutions for DB2 for z/OS Base Install    Version 20.0         </div><div>-----+</div></div><div><div> SEQUENCE      After    Apply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          </div></div></div> |

| Service                                                                                                                                                                                                                                                                      | Details                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| KNOWLEDGE                                                                                                                                                                                                                                                                    | Product Administration and Db2 Systems Programming |
| REQUIRED                                                                                                                                                                                                                                                                     | CA DB2 Tools Post Install Customization            |
| +-----+                                                                                                                                                                                                                                                                      | -----+                                             |
| ACCESS                                                                                                                                                                                                                                                                       | 1. CA DB2 Tools Post Install                       |
| REQUIRED                                                                                                                                                                                                                                                                     | 2. BIND, SYSADM or SYSCNTL on DB2 subsystem.       |
| +-----+                                                                                                                                                                                                                                                                      | -----+                                             |
| *****                                                                                                                                                                                                                                                                        |                                                    |
| * STEPS TO PERFORM *                                                                                                                                                                                                                                                         |                                                    |
| *****                                                                                                                                                                                                                                                                        |                                                    |
| CA Database Management Solutions for DB2 for z/OS has been enhanced to support Huffman compression. This new dictionary type was introduced in Db2 v12 FL504.                                                                                                                |                                                    |
| What is changing:                                                                                                                                                                                                                                                            |                                                    |
| After applying this PTF, the affected CA Db2 tools will no longer harness IBM when a Huffman dictionary is present or the Db2 zPARM indicates Huffman compression under the following conditions:                                                                            |                                                    |
| CA Fast Load for DB2 for z/OS when you specify:                                                                                                                                                                                                                              |                                                    |
| LOAD RESUME/REPLACE KEEPDICTIONARY, or                                                                                                                                                                                                                                       |                                                    |
| LOAD RESUME/REPLACE PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY                                                                                                                                                                                                           |                                                    |
| CA Rapid Reorg for DB2 for z/OS when you specify:                                                                                                                                                                                                                            |                                                    |
| REORG KEEPDICTIONARY, or                                                                                                                                                                                                                                                     |                                                    |
| REORG PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY                                                                                                                                                                                                                         |                                                    |
| The other affected CA Db2 tools will process normally whenever there is a Huffman or fixed length dictionary.                                                                                                                                                                |                                                    |
| For more information, refer to the specific product documentation at <a href="http://techdocs.broadcom.com">techdocs.broadcom.com</a>                                                                                                                                        |                                                    |
| What is required:                                                                                                                                                                                                                                                            |                                                    |
| After this maintenance is applied, plans and packages must be bound for the affected tools.                                                                                                                                                                                  |                                                    |
| Perform the following step:                                                                                                                                                                                                                                                  |                                                    |
| 1. Using the newly generated Bind Control Cards perform a bind replace on the plans and packages for all installed products.                                                                                                                                                 |                                                    |
| For more information on this step, refer to the Installing section in the CA Database Management Solutions for DB2 for z/OS documentation at <a href="http://techdocs.broadcom.com">techdocs.broadcom.com</a> .                                                              |                                                    |
| ).                                                                                                                                                                                                                                                                           |                                                    |
| CSECT (RAASTB,SEGTBL04,SEGTBL08,SEGTBL16,SEGTBL32,SETSPM#,INVEDPRC, FSSMPLNG,GETDECOMP,COLLESTG,GETDCTN,SYSP_RTN,HEADRTN,GETSEQ, GETDIRP,OPENFILE,CLOSFIL,OPENDSPR,EXCPERR,EXCPGETB,MAPAUDT, PAGEAUDT,SPMSTATS,SEGROUN,INITSTAT,CHKPMASK,CHKSPMAP, PROCPREC,VREX#CE,RELOC) . |                                                    |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14030 | <div>SO14030    M.C.S. ENTRIES    = ++PTF (SO14030)</div> <div>SUPPORT FOR HUFFMAN COMPRESSION</div> <div>ENHANCEMENT DESCRIPTION:</div> <div>CA Database Management Solutions for DB2 for z/OS tools now provide native support for Huffman compression of tablespace data.</div> <div>The following products can now compress and expand rows when a Huffman dictionary is present:</div> <div>PRODUCT(S) AFFECTED:</div> <div><div>CA Fast Check for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Index for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Load for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Log Analyzer for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Database Analyzer for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Rapid Reorg for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Unload for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Recover for DB2 for z/OS</div><div>Version 20.0</div></div> <div>Related Problem:</div> <div>INS        463</div> <div>Copyright (C) 2020 CA. All rights reserved. R01000-D200-SP1</div> <div>DESC(SUPPORT FOR HUFFMAN COMPRESSION).</div> <div>++VER (Z038)</div> <div>FMID (CPDAK00)</div> <div>PRE ( R096579 S000017 S001399 S009023 )</div> <div>SUP ( ST08903 ST13913 ST14030 )</div> <div>++IF FMID(CINSK00) REQ(SO14029 ) .</div> <div>++IF FMID(CPFLK00) REQ(SO14031 ) .</div> <div>++IF FMID(CPFUK00) REQ(SO14032 ) .</div> <div>++IF FMID(CPLAK00) REQ(SO14033 ) .</div> <div>++IF FMID(CPUTK00) REQ(SO14035 ) .</div> <div>++IF FMID(CUGRK00) REQ(SO14036 ) .</div> <div>++IF FMID(CPRRK00) REQ(SO14034 ) .</div> <div>++HOLD (SO14030) SYSTEM FMID(CPDAK00)</div> <div>REASON (ACTION )    DATE (20205)</div> <div>COMMENT (</div> <div><div><div>-----+</div><div><div>         CA Database Analyzer For DB2 for z/OS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          </div></div></div></div> |



| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <pre>  REQUIRED   CA DB2 Tools Post Install Customization   +-----+-----+  ACCESS     1. CA DB2 Tools Post Install    REQUIRED   2. BIND, SYSADM or SYSCNTL on DB2 subsystem.   +-----+-----+ ***** * STEPS   TO   PERFORM * *****  CA Database Management Solutions for DB2 for z/OS has been enhanced to support Huffman compression. This new dictionary type was introduced in Db2 v12 FL504.  What is changing: After applying this PTF, the affected CA Db2 tools will no longer harness IBM when a Huffman dictionary is present or the Db2 zPARM indicates huffman compression under the following conditions: CA Fast Load for DB2 for z/OS when you specify: LOAD RESUME/REPLACE KEEPDICTIONARY, or LOAD RESUME/REPLACE PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY CA Rapid Reorg for DB2 for z/OS when you specify: REORG KEEPDICTIONARY, or REORG PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY The other affected CA Db2 tools will process normally whenever there is a huffman or fixed length dictionary. For more information, refer to the specific product documentation at techdocs.broadcom.com  What is required: After this maintenance is applied, plans and packages must be bound for the affected tools. Perform the following step: 1. Using the newly generated Bind Control Cards perform a bind replace on the plans and packages for all installed products. For more information on this step, refer to the Installing section in the CA Database Management Solutions for DB2 for z/OS documentation at techdocs.broadcom.com. ). CSECT(RAAPDSP,CMDTABLE) . </pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14031 | <div>SO14031    M.C.S. ENTRIES    = ++PTF (SO14031)</div> <div>SUPPORT FOR HUFFMAN COMPRESSION</div> <div>ENHANCEMENT DESCRIPTION:</div> <div>CA Database Management Solutions for DB2 for z/OS tools now provide native support for Huffman compression of tablespace data.</div> <div>The following products can now compress and expand rows when a Huffman dictionary is present:</div> <div>PRODUCT(S) AFFECTED:</div> <div><div>CA Fast Check for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Index for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Load for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Log Analyzer for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Database Analyzer for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Rapid Reorg for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Unload for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Recover for DB2 for z/OS</div><div>Version 20.0</div></div> <div>Related Problem:</div> <div>INS        463</div> <div>Copyright (C) 2020 CA. All rights reserved. R01000-D200-SP1</div> <div>DESC(SUPPORT FOR HUFFMAN COMPRESSION).</div> <div>++VER (Z038)</div> <div>FMID (CPFLK00)</div> <div>PRE ( R096581 R097708 S000018 S000704 S001401 S001656</div> <div>S004459 S005012 S006117 S006866 S007811 S008071</div> <div>S008407 S009024 S009977 S011107 S011235 S011431</div> <div>S011601 S011846 S011996 S012107 S012150 S012275</div> <div>S012526 S013150 S013203 S013706 S013765    )</div> <div>SUP ( AS09180 AS13066 AS13203 S000081 S009180 S009378</div> <div>S011325 S013066 S013175 S014025 ST00081 ST05071</div> <div>ST09180 ST09378 ST11056 ST11325 ST13066 ST13122</div> <div>ST13175 ST13914 ST14018 ST14025 ST14031    )</div> <div>++IF FMID(CINSK00) REQ(S014029 ) .</div> <div>++IF FMID(CPDAK00) REQ(S014030 ) .</div> <div>++IF FMID(CPFUK00) REQ(S014032 ) .</div> <div>++IF FMID(CPLAK00) REQ(S014033 ) .</div> <div>++IF FMID(CPUTK00) REQ(S014035 ) .</div> <div>++IF FMID(CUGRK00) REQ(S014036 ) .</div> <div>++IF FMID(CPRRK00) REQ(S014034 ) .</div> <div>++HOLD (SO14031) SYSTEM FMID(CPFLK00)</div> <div>REASON (ACTION )        DATE (20205)</div> <div>COMMENT (</div> <div>+-----+</div> <div><div>             CA Fast Load for DB2 for z/OS</div><div>Version 20.0</div><div> </div></div> <div>+-----+</div> <div><div> SEQUENCE      After    Apply</div><div></div><div> </div></div> <div>+-----+</div> <div><div> PURPOSE       Support Huffman Dictionaries introduced in Db2 12 FL504</div><div></div><div> </div></div> <div>+-----+</div> <div><div> USERS          All users of the following tools:</div><div></div><div> </div></div> <div><div> AFFECTED      CA Database Analyzer for DB2 for z/OS</div><div>Version 20.0</div><div> </div></div> <div><div>                CA Fast Check for DB2 for z/OS</div><div>Version 20.0</div><div> </div></div> <div><div>                CA Fast Index for DB2 for z/OS</div><div>Version 20.0</div><div> </div></div> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | CA Fast Load for DB2 for z/OS Version 20.0  <br>  CA Fast Recover for DB2 for z/OS Version 20.0  <br>  CA Fast Unload for DB2 for z/OS Version 20.0  <br>  CA Log Analyzer for DB2 for z/OS Version 20.0  <br>  CA Rapid Reorg for DB2 for z/OS Version 20.0  <br>+-----+<br> KNOWLEDGE   Product Administration and Db2 Systems Programming  <br> REQUIRED   CA DB2 Tools Post Install Customization  <br>+-----+<br> ACCESS   1. CA DB2 Tools Post Install  <br> REQUIRED   2. BIND, SYSADM or SYSCNTL on DB2 subsystem.  <br>+-----+<br>*****<br>* STEPS TO PERFORM *<br>*****<br>CA Database Management Solutions for DB2 for z/OS has been enhanced to support Huffman compression. This new dictionary type was introduced in Db2 v12 FL504.<br>What is changing:<br>After applying this PTF, the affected CA Db2 tools will no longer harness IBM when a Huffman dictionary is present or the Db2 zPARM indicates huffman compression under the following conditions:<br>CA Fast Load for DB2 for z/OS when you specify:<br>LOAD RESUME/REPLACE KEEPDICTIONARY, or<br>LOAD RESUME/REPLACE PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY<br>CA Rapid Reorg for DB2 for z/OS when you specify:<br>REORG KEEPDICTIONARY, or<br>REORG PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY<br>The other affected CA Db2 tools will process normally whenever there is a huffman or fixed length dictionary.<br>For more information, refer to the specific product documentation at <a href="http://techdocs.broadcom.com">techdocs.broadcom.com</a><br>What is required:<br>After this maintenance is applied, plans and packages must be bound for the affected tools.<br>Perform the following step:<br>1. Using the newly generated Bind Control Cards perform a bind replace on the plans and packages for all installed products.<br>For more information on this step, refer to the Installing section in the CA Database Management Solutions for DB2 for z/OS documentation at <a href="http://techdocs.broadcom.com">techdocs.broadcom.com</a> .<br>).<br>CSECT (FLAMITS,#@XFCALR) .<br>CSECT (FLAUTWTR,#@XFCALR) .<br>CSECT (FLAUT4,#@XFCALR) . |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S014032 | <div>M.C.S. ENTRIES = ++PTF (S014032)</div> <div>SUPPORT FOR HUFFMAN COMPRESSION<br/>ENHANCEMENT DESCRIPTION:<br/>CA Database Management Solutions for DB2 for z/OS tools now provide native support for Huffman compression of tablespace data.<br/>The following products can now compress and expand rows when a Huffman dictionary is present:<br/>PRODUCT(S) AFFECTED:<br/>CA Fast Check for DB2 for z/OS Version 20.0<br/>CA Fast Index for DB2 for z/OS Version 20.0<br/>CA Fast Load for DB2 for z/OS Version 20.0<br/>CA Log Analyzer for DB2 for z/OS Version 20.0<br/>CA Database Analyzer for DB2 for z/OS Version 20.0<br/>CA Rapid Reorg for DB2 for z/OS Version 20.0<br/>CA Fast Unload for DB2 for z/OS Version 20.0<br/>CA Fast Recover for DB2 for z/OS Version 20.0<br/>Related Problem:<br/>INS 463<br/>Copyright (C) 2020 CA. All rights reserved. R01000-D200-SP1</div> <div>DESC(SUPPORT FOR HUFFMAN COMPRESSION).<br/>++VER (Z038)<br/>FMID (CPFUK00)<br/>PRE ( R096582 R099558 S000019 S001818 S004460 S005013<br/>S006867 S008860 S009025 S011236 S011997 S012151 )<br/>SUP ( AR99558 S000295 S011993 S013437 ST00295 ST11993<br/>ST13437 ST13915 ST14032 )<br/>++IF FMID(CINSK00) REQ(S014029 ) .<br/>++IF FMID(CPDAK00) REQ(S014030 ) .<br/>++IF FMID(CPFLK00) REQ(S014031 ) .<br/>++IF FMID(CPLAK00) REQ(S014033 ) .<br/>++IF FMID(CPUTK00) REQ(S014035 ) .<br/>++IF FMID(CUGRK00) REQ(S014036 ) .<br/>++IF FMID(CPRRK00) REQ(S014034 ) .<br/>++HOLD (S014032) SYSTEM FMID(CPFUK00)<br/>REASON (ACTION ) DATE (20205)<br/>COMMENT (<br/><div>+-----+<br/>  CA Fast Unload for DB2 for z/OS Version 20.0  <br/>+-----+<br/> SEQUENCE   After Apply  <br/>+-----+<br/> PURPOSE   Support Huffman Dictionaries introduced in Db2 12 FL504  <br/>+-----+<br/> USERS   All users of the following tools:  <br/> AFFECTED   CA Database Analyzer for DB2 for z/OS Version 20.0  <br/>    CA Fast Check for DB2 for z/OS Version 20.0  <br/>    CA Fast Index for DB2 for z/OS Version 20.0  <br/>    CA Fast Load for DB2 for z/OS Version 20.0  <br/>    CA Fast Recover for DB2 for z/OS Version 20.0  <br/>    CA Fast Unload for DB2 for z/OS Version 20.0  <br/>    CA Log Analyzer for DB2 for z/OS Version 20.0  <br/>    CA Rapid Reorg for DB2 for z/OS Version 20.0  </div>)</div> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <pre> +-----+-----+  KNOWLEDGE   Product Administration and Db2 Systems Programming    REQUIRED    CA DB2 Tools Post Install Customization                  +-----+-----+  ACCESS      1. CA DB2 Tools Post Install                               REQUIRED    2. BIND, SYSADM or SYSCNTL on DB2 subsystem.              +-----+-----+ ***** * STEPS      TO      PERFORM * *****  CA Database Management Solutions for DB2 for z/OS has been enhanced to support Huffman compression. This new dictionary type was introduced in Db2 v12 FL504.  What is changing: After applying this PTF, the affected CA Db2 tools will no longer harness IBM when a Huffman dictionary is present or the Db2 zPARM indicates huffman compression under the following conditions: CA Fast Load for DB2 for z/OS when you specify: LOAD RESUME/REPLACE KEEPDICTIONARY, or LOAD RESUME/REPLACE PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY CA Rapid Reorg for DB2 for z/OS when you specify: REORG KEEPDICTIONARY, or REORG PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY The other affected CA Db2 tools will process normally whenever there is a huffman or fixed length dictionary. For more information, refer to the specific product documentation at techdocs.broadcom.com  What is required: After this maintenance is applied, plans and packages must be bound for the affected tools. Perform the following step: 1. Using the newly generated Bind Control Cards perform a bind replace on the plans and packages for all installed products. For more information on this step, refer to the Installing section in the CA Database Management Solutions for DB2 for z/OS documentation at techdocs.broadcom.com. ). CSECT(UTAFUULC,TROUBLE). CSECT(UTAFUULT,TROUBLE). </pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S014033 | <div>S014033    M.C.S. ENTRIES    = ++PTF (S014033)</div> <div>SUPPORT FOR HUFFMAN COMPRESSION</div> <div>ENHANCEMENT DESCRIPTION:</div> <div>CA Database Management Solutions for DB2 for z/OS tools now provide native support for Huffman compression of tablespace data.</div> <div>The following products can now compress and expand rows when a Huffman dictionary is present:</div> <div>PRODUCT(S) AFFECTED:</div> <div><div>CA Fast Check for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Index for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Load for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Log Analyzer for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Database Analyzer for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Rapid Reorg for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Unload for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Recover for DB2 for z/OS</div><div>Version 20.0</div></div> <div>Related Problem:</div> <div>INS        463</div> <div>Copyright (C) 2020 CA. All rights reserved. R01000-D200-SP1</div> <div>DESC(SUPPORT FOR HUFFMAN COMPRESSION) .</div> <div>++VER (Z038)</div> <div>FMID (CPLAK00)</div> <div>PRE ( R099559 S000975 S004245 S004461 S005014 S007813</div> <div>S008008 S008802 S009333 S011669 S012487 S012889 )</div> <div>SUP ( ST13916 ST14033 )</div> <div>++IF FMID(CINSK00) REQ(S014029 ) .</div> <div>++IF FMID(CPDAK00) REQ(S014030 ) .</div> <div>++IF FMID(CPFLK00) REQ(S014031 ) .</div> <div>++IF FMID(CPFUK00) REQ(S014032 ) .</div> <div>++IF FMID(CPUTK00) REQ(S014035 ) .</div> <div>++IF FMID(CUGRK00) REQ(S014036 ) .</div> <div>++IF FMID(CPRRK00) REQ(S014034 ) .</div> <div>++HOLD (S014033) SYSTEM FMID(CPLAK00)</div> <div>REASON (ACTION )        DATE (20205)</div> <div>COMMENT (</div> <div>+-----+</div> <div><div>         CA Log Analyzer for DB2 for z/OS</div><div>Version 20.0</div><div> </div></div> <div>+-----+</div> <div><div> SEQUENCE</div><div>  After    Apply</div><div> </div></div> <div>+-----+</div> <div><div> PURPOSE</div><div>  Support Huffman Dictionaries introduced in Db2 12 FL504</div><div> </div></div> <div>+-----+</div> <div><div> USERS</div><div>  All users of the following tools:</div><div> </div></div> <div><div> AFFECTED</div><div>  CA Database Analyzer for DB2 for z/OS</div><div>Version 20.0</div><div> </div></div> <div><div> </div><div>  CA Fast Check for DB2 for z/OS</div><div>Version 20.0</div><div> </div></div> <div><div> </div><div>  CA Fast Index for DB2 for z/OS</div><div>Version 20.0</div><div> </div></div> <div><div> </div><div>  CA Fast Load for DB2 for z/OS</div><div>Version 20.0</div><div> </div></div> <div><div> </div><div>  CA Fast Recover for DB2 for z/OS</div><div>Version 20.0</div><div> </div></div> <div><div> </div><div>  CA Fast Unload for DB2 for z/OS</div><div>Version 20.0</div><div> </div></div> <div><div> </div><div>  CA Log Analyzer for DB2 for z/OS</div><div>Version 20.0</div><div> </div></div> <div><div> </div><div>  CA Rapid Reorg for DB2 for z/OS</div><div>Version 20.0</div><div> </div></div> <div>+-----+</div> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | KNOWLEDGE   Product Administration and Db2 Systems Programming  <br> REQUIRED   CA DB2 Tools Post Install Customization  <br>+-----+-----+<br> ACCESS   1. CA DB2 Tools Post Install  <br> REQUIRED   2. BIND, SYSADM or SYSCNTL on DB2 subsystem.  <br>+-----+-----+<br>*****<br>* STEPS TO PERFORM *<br>*****<br>CA Database Management Solutions for DB2 for z/OS has been enhanced to support Huffman compression. This new dictionary type was introduced in Db2 v12 FL504.<br>What is changing:<br>After applying this PTF, the affected CA Db2 tools will no longer harness IBM when a Huffman dictionary is present or the Db2 zPARM indicates huffman compression under the following conditions:<br>CA Fast Load for DB2 for z/OS when you specify:<br>LOAD RESUME/REPLACE KEEPDICTIONARY, or<br>LOAD RESUME/REPLACE PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY<br>CA Rapid Reorg for DB2 for z/OS when you specify:<br>REORG KEEPDICTIONARY, or<br>REORG PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY<br>The other affected CA Db2 tools will process normally whenever there is a huffman or fixed length dictionary.<br>For more information, refer to the specific product documentation at <a href="http://techdocs.broadcom.com">techdocs.broadcom.com</a><br>What is required:<br>After this maintenance is applied, plans and packages must be bound for the affected tools.<br>Perform the following step:<br>1. Using the newly generated Bind Control Cards perform a bind replace on the plans and packages for all installed products.<br>For more information on this step, refer to the Installing section in the CA Database Management Solutions for DB2 for z/OS documentation at <a href="http://techdocs.broadcom.com">techdocs.broadcom.com</a> .<br>). |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14034 | <div>SO14034    M.C.S. ENTRIES    = ++PTF (SO14034)</div> <div>SUPPORT FOR HUFFMAN COMPRESSION</div> <div>ENHANCEMENT DESCRIPTION:</div> <div>CA Database Management Solutions for DB2 for z/OS tools now provide native support for Huffman compression of tablespace data.</div> <div>The following products can now compress and expand rows when a Huffman dictionary is present:</div> <div>PRODUCT(S) AFFECTED:</div> <div><div>CA Fast Check for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Index for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Load for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Log Analyzer for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Database Analyzer for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Rapid Reorg for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Unload for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Recover for DB2 for z/OS</div><div>Version 20.0</div></div> <div>Related Problem:</div> <div>INS        463</div> <div>Copyright (C) 2020 CA. All rights reserved. R01000-D200-SP1</div> <div>DESC(SUPPORT FOR HUFFMAN COMPRESSION) .</div> <div>++VER (Z038)</div> <div>FMID (CPRRK00)</div> <div>PRE ( R096588 R097715 R098968 S000023 S000786 S000846</div> <div>S001409 S001658 S004247 S004467 S004797 S005015</div> <div>S006125 S006582 S006609 S007818 S007893 S008379</div> <div>S009026 S009599 S009671 S009901 S009954 S010007</div> <div>S011039 S011080 S011222 S011237 S011432 S011603</div> <div>S011998 S012109 S012152 S012277 S012528 S013204</div> <div>S013339 S013635    )</div> <div>SUP ( S010625 S010679 ST04019 ST09357 ST09371 ST10625</div> <div>ST10679 ST13917 ST14034    )</div> <div>++IF FMID(CINSK00) REQ(S014029 ) .</div> <div>++IF FMID(CPDAK00) REQ(S014030 ) .</div> <div>++IF FMID(CPFLK00) REQ(S014031 ) .</div> <div>++IF FMID(CPFUK00) REQ(S014032 ) .</div> <div>++IF FMID(CPLAK00) REQ(S014033 ) .</div> <div>++IF FMID(CPUTK00) REQ(S014035 ) .</div> <div>++IF FMID(CUGRK00) REQ(S014036 ) .</div> <div>++HOLD (SO14034) SYSTEM FMID(CPRRK00)</div> <div>REASON (ACTION )        DATE (20205)</div> <div>COMMENT (</div> <div>+-----+</div> <div><div>         CA Rapid Reorg for DB2 for z/OS</div><div>Version 20.0</div><div> </div></div> <div>+-----+</div> <div><div> SEQUENCE</div><div>  After    Apply</div><div> </div></div> <div>+-----+</div> <div><div> PURPOSE</div><div>  Support Huffman Dictionaries introduced in Db2 12 FL504</div><div> </div></div> <div>+-----+</div> <div><div> USERS</div><div>  All users of the following tools:</div><div> </div></div> <div><div> AFFECTED</div><div>  CA Database Analyzer for DB2 for z/OS        Version 20.0</div><div> </div></div> <div><div> </div><div>  CA Fast Check for DB2 for z/OS                Version 20.0</div><div> </div></div> <div><div> </div><div>  CA Fast Index for DB2 for z/OS                Version 20.0</div><div> </div></div> |



| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | CA Fast Load for DB2 for z/OS Version 20.0  <br>  CA Fast Recover for DB2 for z/OS Version 20.0  <br>  CA Fast Unload for DB2 for z/OS Version 20.0  <br>  CA Log Analyzer for DB2 for z/OS Version 20.0  <br>  CA Rapid Reorg for DB2 for z/OS Version 20.0  <br>+-----+<br> KNOWLEDGE   Product Administration and Db2 Systems Programming  <br> REQUIRED   CA DB2 Tools Post Install Customization  <br>+-----+<br> ACCESS   1. CA DB2 Tools Post Install  <br> REQUIRED   2. BIND, SYSADM or SYSCNTL on DB2 subsystem.  <br>+-----+<br>*****<br>* STEPS TO PERFORM *<br>*****<br>CA Database Management Solutions for DB2 for z/OS has been enhanced to support Huffman compression. This new dictionary type was introduced in Db2 v12 FL504.<br>What is changing:<br>After applying this PTF, the affected CA Db2 tools will no longer harness IBM when a Huffman dictionary is present or the Db2 zPARM indicates huffman compression under the following conditions:<br>CA Fast Load for DB2 for z/OS when you specify:<br>LOAD RESUME/REPLACE KEEPDICTIONARY, or<br>LOAD RESUME/REPLACE PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY<br>CA Rapid Reorg for DB2 for z/OS when you specify:<br>REORG KEEPDICTIONARY, or<br>REORG PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY<br>The other affected CA Db2 tools will process normally whenever there is a huffman or fixed length dictionary.<br>For more information, refer to the specific product documentation at <a href="http://techdocs.broadcom.com">techdocs.broadcom.com</a><br>What is required:<br>After this maintenance is applied, plans and packages must be bound for the affected tools.<br>Perform the following step:<br>1. Using the newly generated Bind Control Cards perform a bind replace on the plans and packages for all installed products.<br>For more information on this step, refer to the Installing section in the CA Database Management Solutions for DB2 for z/OS documentation at <a href="http://techdocs.broadcom.com">techdocs.broadcom.com</a> .<br>).<br>CSECT(RRA\$HUF,#@XFCALR).<br>CSECT(RRA\$RM3,#@XFCALR).<br>CSECT(RRA\$SPG2,#@XFCALR).<br>CSECT(RRA\$UL1,#@XFCALR).<br>CSECT(RRA\$UL3,#@XFCALR).<br>CSECT(RRA\$UL7,#@XFCALR).<br>CSECT(RRA\$UL9,#@XFCALR).<br>CSECT(RRA@MAIN,@@##\$\$B). |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S014035 | <div>S014035    M.C.S. ENTRIES    = ++PTF (S014035)</div> <div>SUPPORT FOR HUFFMAN COMPRESSION</div> <div>ENHANCEMENT DESCRIPTION:</div> <div>CA Database Management Solutions for DB2 for z/OS tools now provide native support for Huffman compression of tablespace data.</div> <div>The following products can now compress and expand rows when a Huffman dictionary is present:</div> <div>PRODUCT(S) AFFECTED:</div> <div><div>CA Fast Check for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Index for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Load for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Log Analyzer for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Database Analyzer for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Rapid Reorg for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Unload for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Recover for DB2 for z/OS</div><div>Version 20.0</div></div> <div>Related Problem:</div> <div>INS        463</div> <div>Copyright (C) 2020 CA. All rights reserved. R01000-D200-SP1</div> <div>DESC(SUPPORT FOR HUFFMAN COMPRESSION).</div> <div>++VER (Z038)</div> <div>FMID (CPUTK00)</div> <div>PRE ( R097717 R098969 S000024 S001411 S001659 S005016</div> <div>S006127 S006610 S007172 S007820 S008879 S009027</div> <div>S009672 S009854 S011085 S011238 S011433 S011999</div> <div>S012153 S012278 S012529 S013205    )</div> <div>SUP ( S010474 ST06289 ST10474 ST13918 ST14035    )</div> <div>++IF FMID(CINSK00) REQ(S014029    )    .</div> <div>++IF FMID(CPDAK00) REQ(S014030    )    .</div> <div>++IF FMID(CPFLK00) REQ(S014031    )    .</div> <div>++IF FMID(CPFUK00) REQ(S014032    )    .</div> <div>++IF FMID(CPLAK00) REQ(S014033    )    .</div> <div>++IF FMID(CUGRK00) REQ(S014036    )    .</div> <div>++IF FMID(CPRRK00) REQ(S014034    )    .</div> <div>++HOLD (S014035) SYSTEM FMID(CPUTK00)</div> <div>REASON (ACTION    )        DATE (20205)</div> <div>COMMENT (</div> <div>+-----+</div> <div><div>         CA DBM Solutions for DB2 for z/OS Utilities Common         </div><div>         Version 20.0         </div></div> <div>+-----+</div> <div><div> SEQUENCE      After    Apply         </div></div> <div>+-----+</div> <div><div> PURPOSE          Support Huffman Dictionaries introduced in Db2 12 FL504     </div></div> <div>+-----+</div> <div><div> USERS              All users of the following tools:         </div></div> <div><div> AFFECTED          CA Database Analyzer for DB2 for z/OS        Version 20.0     </div><div>                   CA Fast Check for DB2 for z/OS                Version 20.0     </div><div>                   CA Fast Index for DB2 for z/OS                Version 20.0     </div><div>                   CA Fast Load for DB2 for z/OS                Version 20.0     </div><div>                   CA Fast Recover for DB2 for z/OS                Version 20.0     </div><div>                   CA Fast Unload for DB2 for z/OS                Version 20.0     </div></div> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <pre>              CA Log Analyzer for DB2 for z/OS          Version 20.0                 CA Rapid Reorg for DB2 for z/OS            Version 20.0    +-----+-----+  KNOWLEDGE   Product Administration and Db2 Systems Programming    REQUIRED    CA DB2 Tools Post Install Customization             +-----+-----+  ACCESS      1. CA DB2 Tools Post Install                        REQUIRED    2. BIND, SYSADM or SYSCNTL on DB2 subsystem.        +-----+-----+ ***** * STEPS    TO    PERFORM * ***** CA Database Management Solutions for DB2 for z/OS has been enhanced to support Huffman compression. This new dictionary type was introduced in Db2 v12 FL504. What is changing: After applying this PTF, the affected CA Db2 tools will no longer harness IBM when a Huffman dictionary is present or the Db2 zPARM indicates huffman compression under the following conditions: CA Fast Load for DB2 for z/OS when you specify: LOAD RESUME/REPLACE KEEPDICTIONARY, or LOAD RESUME/REPLACE PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY CA Rapid Reorg for DB2 for z/OS when you specify: REORG KEEPDICTIONARY, or REORG PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY The other affected CA Db2 tools will process normally whenever there is a huffman or fixed length dictionary. For more information, refer to the specific product documentation at techdocs.broadcom.com What is required: After this maintenance is applied, plans and packages must be bound for the affected tools. Perform the following step: 1. Using the newly generated Bind Control Cards perform a bind replace on the plans and packages for all installed products. For more information on this step, refer to the Installing section in the CA Database Management Solutions for DB2 for z/OS documentation at techdocs.broadcom.com. ). </pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S014036 | <div>S014036    M.C.S. ENTRIES   = ++PTF (S014036)</div> <div>SUPPORT FOR HUFFMAN COMPRESSION</div> <div>ENHANCEMENT DESCRIPTION:</div> <div>CA Database Management Solutions for DB2 for z/OS tools now provide native support for Huffman compression of tablespace data.</div> <div>The following products can now compress and expand rows when a Huffman dictionary is present:</div> <div>PRODUCT(S) AFFECTED:</div> <div><div>CA Fast Check for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Index for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Load for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Log Analyzer for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Database Analyzer for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Rapid Reorg for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Unload for DB2 for z/OS</div><div>Version 20.0</div></div> <div><div>CA Fast Recover for DB2 for z/OS</div><div>Version 20.0</div></div> <div>Related Problem:</div> <div>INS        463</div> <div>Copyright (C) 2020 CA. All rights reserved. R01000-D200-SP1</div> <div>DESC(SUPPORT FOR HUFFMAN COMPRESSION).</div> <div>++VER (Z038)</div> <div>FMID (CUGRK00)</div> <div>PRE ( R096595 S000029 S000788 S001660 S004251 S005018</div> <div>S006879 S008280 S009742 S011083 S012000 S012155</div> <div>S013206    )</div> <div>SUP ( S012234 ST12234 ST13919 ST14036    )</div> <div>++IF FMID(CINSK00) REQ(S014029    ) .</div> <div>++IF FMID(CPDAK00) REQ(S014030    ) .</div> <div>++IF FMID(CPFLK00) REQ(S014031    ) .</div> <div>++IF FMID(CPFUK00) REQ(S014032    ) .</div> <div>++IF FMID(CPLAK00) REQ(S014033    ) .</div> <div>++IF FMID(CPUTK00) REQ(S014035    ) .</div> <div>++IF FMID(CPRRK00) REQ(S014034    ) .</div> <div>++HOLD (S014036) SYSTEM FMID(CUGRK00)</div> <div>REASON (ACTION    )    DATE (20205)</div> <div>COMMENT (</div> <div><div>-----+</div><div>         CA DBM Solutions for DB2 for z/OS Utility General Recovery         </div><div>         Version 20.0         </div><div>-----+</div><div> SEQUENCE      After    Apply         </div><div>-----+</div><div> PURPOSE       Support Huffman Dictionaries introduced in Db2 12 FL504      </div><div>-----+</div><div> USERS          All users of the following tools:         </div><div> AFFECTED      CA Database Analyzer for DB2 for z/OS        Version 20.0         </div><div>               CA Fast Check for DB2 for z/OS        Version 20.0         </div><div>               CA Fast Index for DB2 for z/OS        Version 20.0         </div><div>               CA Fast Load for DB2 for z/OS        Version 20.0         </div><div>               CA Fast Recover for DB2 for z/OS        Version 20.0         </div><div>               CA Fast Unload for DB2 for z/OS        Version 20.0         </div><div>               CA Log Analyzer for DB2 for z/OS        Version 20.0         </div></div> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <pre>              CA Rapid Reorg for DB2 for z/OS          Version 20.0    +-----+-----+  KNOWLEDGE   Product Administration and Db2 Systems Programming             REQUIRED    CA DB2 Tools Post Install Customization                      +-----+-----+  ACCESS      1. CA DB2 Tools Post Install                                   REQUIRED    2. BIND, SYSADM or SYSCNTL on DB2 subsystem.                  +-----+-----+  ***** * STEPS    TO    PERFORM * *****  CA Database Management Solutions for DB2 for z/OS has been enhanced to support Huffman compression. This new dictionary type was introduced in Db2 v12 FL504.  What is changing: After applying this PTF, the affected CA Db2 tools will no longer harness IBM when a Huffman dictionary is present or the Db2 zPARM indicates huffman compression under the following conditions: CA Fast Load for DB2 for z/OS when you specify: LOAD RESUME/REPLACE KEEPDICTIONARY, or LOAD RESUME/REPLACE PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY CA Rapid Reorg for DB2 for z/OS when you specify: REORG KEEPDICTIONARY, or REORG PART {ALL nn nn:nn nn,nn,nn...} KEEPDICTIONARY The other affected CA Db2 tools will process normally whenever there is a huffman or fixed length dictionary. For more information, refer to the specific product documentation at techdocs.broadcom.com  What is required: After this maintenance is applied, plans and packages must be bound for the affected tools. Perform the following step: 1. Using the newly generated Bind Control Cards perform a bind replace on the plans and packages for all installed products. For more information on this step, refer to the Installing section in the CA Database Management Solutions for DB2 for z/OS documentation at techdocs.broadcom.com. ) </pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14052 | <p>SO14052 M.C.S. ENTRIES = ++PTF (SO14052)</p> <p>Security or Integrity Problem</p> <p>PROBLEM DESCRIPTION:</p> <p>Security or Integrity Problem.</p> <p>SYMPTOMS.</p> <p>N/A</p> <p>IMPACT.</p> <p>Security or Integrity Problem.</p> <p>CIRCUMVENTION:</p> <p>N/A</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA DBM Solutions for DB2 for z/OS Base Install Version 20.0</p> <p>Related Problem:</p> <p>PXM 219</p> <p>Copyright (C) 2020 CA. All rights reserved. R01001-D200-SP1</p> <p>DESC(Security or Integrity Problem).</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( R099979 SO13717 )</p> <p>SUP ( DC04039 ST14052 )</p> <p>++HOLD (SO14052) SYSTEM FMID(CINSK00)</p> <p>REASON (RESTART) DATE (20200)</p> <p>COMMENT (</p> <pre> +-----+        CA DBM Solutions for DB2 for z/OS Base In      Version 20.0        +-----+  SEQUENCE   Before Apply                                       +-----+  PURPOSE    Avoidance of module mismatch related errors in an Xmanager  +-----+  USERS      Collections of DB2 statistics via Detector or Subsystem    AFFECTED   Analyzer.                                                              DB2 subsystems that have active collections.            +-----+  KNOWLEDGE   1. SMP/E                                                  REQUIRED    2. z/OS System Programming                                            3. CA DB2 Tools Installation and Maintenance procedures.   +-----+  ACCESS     1. Product runtime libraries.                              REQUIRED                                                              +-----+ ***** * STEPS    TO    PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between </pre> |

| Service | Details                                                                                                                                                                                                                       |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>dynamically loaded components and statically loaded components.<br/>This may result in unpredictable behavior with CA-DB2 tools and/or may<br/>compromise the operating system/DB2 including possible failures.<br/>).</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14053 | <p>SO14053 M.C.S. ENTRIES = ++PTF (SO14053)</p> <p>PFU0217E BP-LOOKUP / INTERNAL PROCESSING ERROR UTAFUFMT</p> <p>PROBLEM DESCRIPTION:</p> <p>1. CA Fast Unload for DB2 for z/OS (PFU) may fail with "PFU0217E - PAGE SEQUENCE ERROR" when SHRLEVEL CHANGE,BP-LOOKUP is used and PTF SO08861 is applied.</p> <p>2. CA Fast Unload for DB2 for z/OS (PFU) may fail with "PFU0146E - INTERNAL PROCESSING ERROR UTAFUFMT - 001" message when OUTPUT-FORMAT DSNTIAUL is used and there are 1-byte long columns containing nulls.</p> <p>SYMPTOMS:</p> <p>1. "PFU0217E - PAGE SEQUENCE ERROR" error message.</p> <p>2. "PFU0146E - INTERNAL PROCESSING ERROR UTAFUFMT - 001" error message.</p> <p>IMPACT:</p> <p>Processing fails.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Fast Unload for DB2 for z/OS Version 19.0</p> <p>CA Fast Unload for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PFU 1103</p> <p>Copyright (C) 2020 CA. All rights reserved. R01002-D200-SP1</p> <p>DESC(PFU0217E BP-LOOKUP / INTERNAL PROCESSING ERROR UTAFUFMT) .</p> <p>++VER (Z038)</p> <p>FMID (CPFUK00)</p> <p>PRE ( SO01402 SO01818 SO04460 )</p> <p>SUP ( ST14053 )</p> <p>++IF FMID(CPUTK00) REQ(SO14054 ) .</p> |



| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14054 | <p>SO14054 M.C.S. ENTRIES = ++PTF (SO14054)</p> <p>PFU0217E BP-LOOKUP / INTERNAL PROCESSING ERROR UTAFUFMT</p> <p>PROBLEM DESCRIPTION:</p> <p>1. CA Fast Unload for DB2 for z/OS (PFU) may fail with "PFU0217E - PAGE SEQUENCE ERROR" when SHRLEVEL CHANGE,BP-LOOKUP is used and PTF SO08861 is applied.</p> <p>2. CA Fast Unload for DB2 for z/OS (PFU) may fail with "PFU0146E - INTERNAL PROCESSING ERROR UTAFUFMT - 001" message when OUTPUT-FORMAT DSNTIAUL is used and there are 1-byte long columns containing nulls.</p> <p>SYMPTOMS:</p> <p>1. "PFU0217E - PAGE SEQUENCE ERROR" error message.</p> <p>2. "PFU0146E - INTERNAL PROCESSING ERROR UTAFUFMT - 001" error message.</p> <p>IMPACT:</p> <p>Processing fails.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Fast Unload for DB2 for z/OS Version 19.0</p> <p>CA Fast Unload for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PFU 1103</p> <p>Copyright (C) 2020 CA. All rights reserved. R01002-D200-SP1</p> <p>DESC(PFU0217E BP-LOOKUP / INTERNAL PROCESSING ERROR UTAFUFMT) .</p> <p>++VER (Z038)</p> <p>FMID (CPUTK00)</p> <p>PRE ( S000024 S001659 S003815 S004248 S004469 S004798</p> <p>S008861 S011685 S012153 )</p> <p>SUP ( ST14054 )</p> <p>++IF FMID(CPFUK00) REQ(SO14053 ) .</p> <p>CSECT(UTABPGPL,#@XFCALR) .</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14093 | <div>SO14093    M.C.S. ENTRIES    = ++PTF (SO14093)</div> <div>ERROR CODE '04 WHILE LOADING APPL_PGM_DETAIL'</div> <div>PROBLEM DESCRIPTION:</div> <div>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) produces S04E error while loading APPL_PGM_DETAIL archive table. Following is the error message on load step -</div> <div>DSNU334I    !DT31 197 12:01:42.09 DSNURCON - INPUT FIELD 'DEADLOCK', INVALID FOR 'INSIGHT.APPL_PGM_DETAIL',</div> <div>ERROR CODE '04 - INPUT PACKED DECIMAL IS IN ERROR'</div> <div>SYMPTOMS:</div> <div>DSNU334I    !DT31 197 12:01:42.09 DSNURCON - INPUT FIELD 'DEADLOCK', INVALID FOR 'INSIGHT.APPL_PGM_DETAIL',</div> <div>ERROR CODE '04 - INPUT PACKED DECIMAL IS IN ERROR'</div> <div>IMPACT:</div> <div>Data is not loaded into APPL_PGM_DETAIL archive table.</div> <div>CIRCUMVENTION:</div> <div>Alter RLIMIT_MATCH column of the table to 50 chars and update RLIMIT_MATCH field on ARCLACDP load card.</div> <div>PRODUCT(S) AFFECTED:</div> <div>CA SYSVIEW Performance Management Option for DB2 for z/OS        Version 20.0</div> <div>Related Problem:</div> <div>IDB2        2509</div> <div>Copyright (C) 2020 CA. All rights reserved. R01003-D200-SP1</div> <div>DESC(ERROR CODE '04 WHILE LOADING APPL_PGM_DETAIL').</div> <div>++VER (Z038)</div> <div>FMID (CIDBK00)</div> <div>PRE ( R096575 R099552 S004454 S006112 S006862 S007806</div> <div>S008846 S011616 S011780 S011977 )</div> <div>SUP ( ST14093 )</div> <div>++HOLD (SO14093) SYSTEM FMID(CIDBK00)</div> <div>REASON (ACTION )        DATE (20212)</div> <div>COMMENT (</div> <div>+-----+</div> <div>         CA SYSVIEW Performance Management Option for DB2 for z/OS         </div> <div>          </div> <div>+-----+</div> <div> SEQUENCE      After Apply         </div> <div>+-----+</div> <div> PURPOSE       Enhancement         </div> <div>+-----+</div> <div> USERS          All users of the Archive component         </div> <div> AFFECTED              </div> <div>+-----+</div> <div> KNOWLEDGE     DB2 Tools Post Install         </div> <div> REQUIRED              </div> <div>+-----+</div> <div> ACCESS         Post Install customization libraries         </div> <div> REQUIRED              </div> <div>+-----+</div> <div>The customer should plan to upgrade to the new archive tables.</div> <div>*****</div> <div>*    STEPS        TO        PERFORM    *</div> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>*****</p> <ol style="list-style-type: none"><li>1. Re-execute the DB2 Tools Post Install dialog.</li><li>2. Run the Archive Table Migration Utility (NSIGMIGA). The sample JCL can be found in member ARCMIGUT in the installation SOURCE library.</li><li>3. Run SQL statements from the ALTEROUT file.</li><li>4. Modify your archive procedure to use the new LOAD statements and IQLs stored in the LOADOUT and IQLOUT libraries.</li></ol> <p>).</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| S014099 | <p>S014099 M.C.S. ENTRIES = ++PTF (S014099)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> <li>1. SUPPORT FOR DB2 12 IFCID CHANGES</li> <li>2. SUPPORT FOR NEW DB2 12 INSERT ALGORITHM 2 (IAG2) FIELDS</li> <li>3. SUPPORT FOR NEW DB2 12 INSERT ALGORITHM AND RID LIST FIELDS</li> <li>4. ASYNCHRONOUS CROSS-INVALIDATION FIELDS SUPPORT.</li> <li>5. SOC4 NUDELTSM+166 WITH VERY LARGE IFCID 2 RECORD</li> <li>6. SOC4 NGRABP5C+460 WHILE ACCESSING EDMDBD REPORT</li> <li>7. SOC7 IN VTAM UI DUE TO INVALID SCROLL VALUE</li> <li>8. UPDATE ONLINE TUTORIAL HELP PANELS</li> <li>9. QBGAAS- ASYNCHRONOUS CROSS-INVALIDATION FIELD SUPPORT.</li> </ol> <p>=====</p> <p>SUPPORT FOR DB2 12 IFCID CHANGES</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) delivers the following features and fixes:</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>IDB2 2501</p> <p>=====</p> <p>SUPPORT FOR NEW DB2 12 INSERT ALGORITHM 2 (IAG2) FIELDS</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds support for new Db2 12 insert algorithm 2 (IAG2) fields to the STATS2 (IFCID 2) and CURR-STATS2 (IFCID 1002) Db2 trace records.</p> <p>The following fields were added:</p> <p>Db2 12 field:</p> <p>IAG2-PIPE-ATTEMPTED-RNBL (QISTINPR) - Specifies the number of times insert algorithm 2 (IAG2) pipes re-enablement was attempted since the last Db2 restart.</p> <p>IAG2-PIPE-SUCCESSFUL-RNBL (QISTINPE) - Specifies the number of times insert algorithm 2 (IAG2) pipes re-enablement was successful since the last Db2 restart.</p> <p>The following reports were updated:</p> <p>PRLMISC, HSTPRLMS, HSUPRLMS, DSQHIST, DSQSTATS, BTSTATR1, BTSTASM2.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>IDB2 2490</p> <p>=====</p> <p>SUPPORT FOR NEW DB2 12 INSERT ALGORITHM AND RID LIST FIELDS</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds support for new Db2 12 insert algorithm and RID list fields to the STATS2 (IFCID 2), CURR-STATS2 (IFCID 1002), ACCT (IFCID 3) and THREAD-STATS (IFCID 148) Db2 trace records.</p> <p>The following fields were added:</p> <p>Db2 12 field:</p> <p>IAG1-USED (QXRWSINSRTDALG1) - Indicates the number of times basic insert algorithm (IAG1)</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>is used.</p> <p>IAG2-USED (QXRWSINSRTDALG2) - Indicates the number of times fast insert algorithm (IAG2) is used.</p> <p>MIAP-NOT-USED (QXRFMIAPI) - Indicates the number of times RID list processing is not used or terminated for the whole query.</p> <p>The following reports were updated:<br/>PRLMISC, HSTPRLMS, HSUPRLMS, SYSLPRF, HSLPRF, HSULPRF, THRDLPFR, HTLSTPRF, HTULPRF, THRDPRMS, HTHDPRMS, HTUDPRMS, SQLCOUNT, HTSQL, HTUSQL, DSQSTATS, DSQHIST, DSQTHD, BTACTTRL, BTACTSML, BTSTATR1, BTSTASM2.</p> <p>PRODUCT(S) AFFECTED:<br/>CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0</p> <p>Related Problem:<br/>IDB2 2494</p> <p>=====</p> <p>ASYNCHRONOUS CROSS-INVALIDATION FIELDS SUPPORT.</p> <p>ENHANCEMENT DESCRIPTION:<br/>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) supports new DB2 12 fields added to IFCID (0002) Group buffer pool details.<br/>QBGLWX - Total number of IXLCACHE(Cache Services) requests with asynchronous cross-invalidations(XI's).<br/>QBGLSU - Total number of IXLAXISN(coupling facility asynchronous cross-invalidation service) calls.<br/>QBGLAS - Total number of IXLAXISN suspends waiting for asynchronous cross-invalidations to complete.</p> <p>PRODUCT(S) AFFECTED:<br/>CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0</p> <p>Related Problem:<br/>IDB2 2495</p> <p>=====</p> <p>SOC4 NUDELTSM+166 WITH VERY LARGE IFCID 2 RECORD</p> <p>PROBLEM DESCRIPTION:<br/>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector may encounter an ABEND SOC4 in CSECT NUDELTSM+166 when using the System History function. The ABEND occurs when a STATS-2 (IFCID 2) record exceeds X'18000' in length.</p> <p>SYMPTOMS:<br/>The data collector address space records the SOC4 ABEND.<br/>The user of the System History function receives the message:<br/>The DISPLAY command has terminated abnormally.</p> <p>IMPACT:<br/>System History cannot be viewed.</p> <p>CIRCUMVENTION:<br/>None.</p> <p>PRODUCT(S) AFFECTED:<br/>CA SYSVIEW Performance Management Option for DB2 for z/OS Version 19.0<br/>CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0</p> <p>Related Problem:<br/>IDB2 2498</p> <p>=====</p> <p>SOC4 NGRABP5C+460 WHILE ACCESSING EDMDBD REPORT</p> <p>PROBLEM DESCRIPTION:</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector may encounter an ABEND SOC4 in CSECT NGRABP5C+460 while accessing the DBD Pool Usage function.</p> <p>SYMPTOMS:</p> <p>The data collector address space records the SOC4 ABEND.<br/>EDMDBD request displays empty report.</p> <p>IMPACT:</p> <p>EDMDBD Request cannot be viewed.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA SYSVIEW Performance Management Option for DB2 for z/OS      Version 19.0<br/>CA SYSVIEW Performance Management Option for DB2 for z/OS      Version 20.0</p> <p>Related Problem:</p> <p>IDB2    2499</p> <p>=====</p> <p>SOC7 IN VTAM UI DUE TO INVALID SCROLL VALUE</p> <p>PROBLEM DESCRIPTION:</p> <p>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) VTAM User Interface may abend with SOC7 due to invalid scroll amount.</p> <p>SYMPTOMS:</p> <p>If user enters invalid scroll amount on any scrollable panel, SOC7 abend may occur.</p> <p>The abend will occur in UI module NCCSUBS during numeric value validation logic.</p> <p>IMPACT:</p> <p>VTAM User Interface may abend with SOC7.</p> <p>CIRCUMVENTION:</p> <p>Enter a valid scroll amount.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA SYSVIEW Performance Management Option for DB2 for z/OS      Version 20.0</p> <p>Related Problem:</p> <p>IDB2    2500</p> <p>=====</p> <p>UPDATE ONLINE TUTORIAL HELP PANELS</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) has been updated with Realtime and History online reports tutorial help panels.</p> <p>Tutorial help panels can be found at -<br/>SYSV4DB2 Help -&gt; Online -&gt; Non-History Reports and History Reports</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA SYSVIEW Performance Management Option for DB2 for z/OS      Version 20.0</p> <p>Related Problem:</p> <p>IDB2    2502</p> <p>=====</p> <p>QBGAAS- ASYNCHRONOUS CROSS-INVALIDATION FIELD SUPPORT.</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) supports new DB2 12 field 'QBGAAS' added to IFCID (0003).<br/>QBGAAS - Total number of IXLAXISN suspends waiting for asynchronous cross-invalidations to complete.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA SYSVIEW Performance Management Option for DB2 for z/OS      Version 20.0</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>PRODUCT(S) AFFECTED:</p> <p>Related Problem:</p> <p>IDB2 2504</p> <p>Copyright (C) 2020 CA. All rights reserved. R01004-D200-SP1</p> <p>DESC(SUPPORT FOR DB2 12 IFCID CHANGES) .</p> <p>++VER (Z038)</p> <p>FMID (CIDBK00)</p> <p>PRE ( R096575 R097703 R099552 S000077 S001395 S001664<br/>S004454 S006112 S006862 S007806 S008846 S010160<br/>S010405 S010739 S010906 S011616 S011780 S011977<br/>S012769 S013508 S013557 S013891 S014016 )</p> <p>SUP ( S009743 S013032 ST09743 ST13032 ST14099 )</p> <p>CSECT (AMXACTDM) .</p> <p>CSECT (AMXACTDM) .</p> <p>CSECT (AMXACTDM) .</p> <p>CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) .</p> <p>CSECT (IFCIDSCS) .</p> <p>CSECT (NCCEXCPC,NCCEXCPM) .</p> <p>CSECT (NCCSUBSC,NCCSUBS) .</p> <p>CSECT (NDDELTA,NDDELTA) .</p> <p>CSECT (NDFMTSEC,NDFMTSEM) .</p> <p>CSECT (NGRABP2C,NGRABP2) .</p> <p>CSECT (NGRABP2C,NGRABP2) .</p> <p>CSECT (NGRABP2C,NGRABP2) .</p> <p>CSECT (NGRABP3C,NGRABP3) .</p> <p>CSECT (NGRABP3C,NGRABP3) .</p> <p>CSECT (NGRABP3C,NGRABP3) .</p> <p>CSECT (NPLEXDAT,NPLEXSYM,SYMTBLE) .</p> <p>CSECT (NUHSTRDC,NUHSTRDM) .</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14101 | <p>SO14101 M.C.S. ENTRIES = ++PTF (SO14101)</p> <p>ALIAS LIST HELP PANELS ARE NOT CURRENT</p> <p>PROBLEM DESCRIPTION:</p> <p>In CA RC/Query for DB2 for z/OS (RCQ), the help panels for the Alias List report are not current and do not include Sequence object details.</p> <p>SYMPTOMS:</p> <p>The Alias List report title, , column headings and help panel text do not match and have incomplete field descriptions.</p> <p>IMPACT:</p> <p>Help panels convey incorrect information.</p> <p>CIRCUMVENTION:</p> <p>None</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA RC/Query for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>RCQ 1620</p> <p>Copyright (C) 2020 CA. All rights reserved. R01005-D200-SP1</p> <p>DESC(ALIAS LIST HELP PANELS ARE NOT CURRENT) .</p> <p>++VER (Z038)</p> <p>FMID (CRCQK00)</p> <p>PRE ( SO01414 )</p> <p>SUP ( ST14101 )</p> |



| Service                          | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                  |              |          |             |         |                         |       |  |          |           |           |  |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------|----------|-------------|---------|-------------------------|-------|--|----------|-----------|-----------|--|
| SO14137                          | <p>SO14137 M.C.S. ENTRIES = ++PTF (SO14137)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> <li>1. ADOR REFORMAT</li> <li>2. ADOR PRINTS PROCESS MESSAGES IMMEDIATELY</li> </ol> <p>=====</p> <p>ADOR REFORMAT</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>With this PTF, the Automated Dropped Object Recovery feature (ADOR) job now does the following:</p> <ol style="list-style-type: none"> <li>1) Takes image copies only if the Image Copy After Recovery option is set to YES.</li> <li>2) Takes partition image copies if the variable &amp;PART is used in the Image Copy DSNNAME option.</li> <li>3) When it completes successfully, returns 0 instead of 4.</li> </ol> <p>PRODUCT(S) AFFECTED:</p> <p>CA Log Analyzer for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PLA 1302</p> <p>=====</p> <p>ADOR PRINTS PROCESS MESSAGES IMMEDIATELY</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>With this PTF, the Automated Dropped Object Recovery feature (ADOR) job prints messages immediately in job steps: SYSINBLD, RECOVER and RECSTATS.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Log Analyzer for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PLA 1305</p> <p>Copyright (C) 2020 CA. All rights reserved. R01007-D200-SP1</p> <p>DESC(ADOR REFORMAT).</p> <p>++VER (Z038)</p> <p>FMID (CPLAK00)</p> <p>PRE ( R096583 R097709 R099559 S000020 S000975 S001403<br/>S004245 S004461 S006119 S006868 S007813 S008008<br/>S008802 S008870 S009083 S009133 S009252 S009333<br/>S010390 S010641 S010677 S011113 S011419 S011583<br/>S011669 S012173 S012763 S012797 S012889 S012900<br/>S013009 S013625 S013879 )</p> <p>SUP ( AS11669 S011782 ST11782 ST13747 ST14137 )</p> <p>++HOLD (SO14137) SYSTEM FMID(CPLAK00)</p> <p>REASON (DB2BIND) DATE (20210)</p> <p>COMMENT (</p> <table border="1"> <tr> <td>CA Log Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Bind Plans and Packages</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> </table> | CA Log Analyzer for DB2 for z/OS | Version 20.0 | SEQUENCE | After Apply | PURPOSE | Bind Plans and Packages | USERS |  | AFFECTED | All Users | KNOWLEDGE |  |
| CA Log Analyzer for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                  |              |          |             |         |                         |       |  |          |           |           |  |
| SEQUENCE                         | After Apply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                  |              |          |             |         |                         |       |  |          |           |           |  |
| PURPOSE                          | Bind Plans and Packages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                  |              |          |             |         |                         |       |  |          |           |           |  |
| USERS                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                  |              |          |             |         |                         |       |  |          |           |           |  |
| AFFECTED                         | All Users                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                  |              |          |             |         |                         |       |  |          |           |           |  |
| KNOWLEDGE                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                  |              |          |             |         |                         |       |  |          |           |           |  |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <pre>  REQUIRED   CA DB2 Tools Post Install Customization.   +-----+-----+  ACCESS     1. CA DB2 Tools Post Install    REQUIRED   2. BIND, SYSADM or SYSCNTL on DB2 subsystem.   +-----+-----+ ***** * STEPS TO PERFORM * *****  DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors. ).</pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14142 | <p>SO14142 M.C.S. ENTRIES = ++PTF (SO14142)</p> <p>ALTER TABLE ADD PARTITION IN DDL REPORT<br/>ENHANCEMENT DESCRIPTION:<br/>This enhancement for CA Log Analyzer for DB2 for z/OS (PLA) gives the DDL report the ability to report on ALTER TABLE ADD PARTITION statements.<br/>PRODUCT(S) AFFECTED:<br/>CA Log Analyzer for DB2 for z/OS Version 20.0<br/>Related Problem:<br/>PLA 1308<br/>Copyright (C) 2020 CA. All rights reserved. R01009-D200-SP1</p> <p>DESC (ALTER TABLE ADD PARTITION IN DDL REPORT) .<br/>++VER (Z038)<br/>FMID (CPLAK00)<br/>PRE ( R099559 S000020 S000975 S001403 S004245 S004461<br/>S006119 S008802 S009083 S009133 S010677 S011113<br/>S011419 S011669 S012797 S012889 S012900 S013009<br/>S013625 S013879 S014137 )<br/>SUP ( ST14142 )<br/>CSECT (LAA@DOFS,#@XFCALR) .</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14164 | <p>SO14164 M.C.S. ENTRIES = ++PTF (SO14164)</p> <p>INSTANCE IDENTIFIER CHANGES - MOI</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) introduces a new SYSPARM ZDM-PREFIX in order to change the instance identifier format that is used when a data collector connects to CCS Data Mover (zDM).</p> <p>The ZDM-PREFIX is a 4-character alphanumeric character padded with "_" symbols. This SYSPARM will be appended with DB2 SSID to generate the zDM instance identifier.</p> <p>By default the first 4 characters of SYSPLEX name will be used. Duplicate zDM instance identifiers will be recognized and a new error message will be issued (below). The zDM task will be paused with the capacity to resume it using a corresponding modify command.</p> <p>"DBG85011E SSID HH:MM:SS CCS Data Mover connection cannot be established. Duplicate instance XXXXXXXX found."</p> <p>Message DBG85004I is changed to include the instance id:</p> <p>"DBG85004I SSID HH:MM:SS CCS Data Mover connection established (instance XXXXXXXX)."</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>IDB2 2508</p> <p>Copyright (C) 2020 CA. All rights reserved. R01013-D200-SP1</p> <p>DESC(INSTANCE IDENTIFIER CHANGES - MOI).</p> <p>++VER (Z038)</p> <p>FMID (CIDBK00)</p> <p>PRE ( R096575 R099552 S001395 S004454 S006112 S006862<br/>S007806 S008279 S008846 S009519 S009556 S010160<br/>S011616 S012769 S013891 )</p> <p>SUP ( ST14164 )</p> <p>CSECT(NSIZDMC).</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14168 | <p>SO14168 M.C.S. ENTRIES = ++PTF (SO14168)</p> <p>MAINFRAME TEAM CENTER ADD ABILITY TO EXPORT TO CSV</p> <p>PROBLEM DESCRIPTION:</p> <p>The Mainframe Team Center - Database Management for Db2 for z/OS user interface for the CA Database Management Solutions for Db2 for z/OS now supports exporting data in CSV format. Selected rows, displayed data and all data are able to be exported.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Database Management Solutions for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PDT 1704</p> <p>Copyright (C) 2020 CA. All rights reserved. R01014-D200-SP1</p> <p>DESC(MAINFRAME TEAM CENTER ADD ABILITY TO EXPORT TO CSV) .</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( SO01396 SO07807 SO08825 SO10061 SO12323 SO13484 )</p> <p>SUP ( ST11667 ST14168 )</p> <p>LINK(' ../PDT/ui/mtc-dbm.war')</p> <p>PARM(PATHMODE(0,7,7,5))</p> <p>SHSCRIPT (PDTAAMKD,PRE) .</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14173 | <p>SO14173 M.C.S. ENTRIES = ++PTF (SO14173)</p> <p>OVERALLOCATION OF INDEX SECQTY SPACE</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Database Management Solutions for DB2 for z/OS may overallocate the secondary space quantity for index data sets.</p> <p>SYMPTOMS:</p> <p>The secondary space quantity is too high for index data sets in DEFINE CLUSTER commands.</p> <p>IMPACT:</p> <p>Overallocation of index SECQTY space.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Database Management Solutions for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>GEN 1434</p> <p>Copyright (C) 2020 CA. All rights reserved. R01015-D200-SP1</p> <p>DESC(OVERALLOCATION OF INDEX SECQTY SPACE).</p> <p>++VER (Z038)</p> <p>FMID (CINSK00)</p> <p>PRE ( R097704 S000016 S009761 S010514 S011547 S013682 )</p> <p>SUP ( AC04039 S003965 ST03965 ST14139 ST14173 )</p> |

| Service                      | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                              |              |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|--------------|
| SO14235                      | <p>SO14235 M.C.S. ENTRIES = ++PTF (SO14235)</p> <p>ABEND U387 AFTER SO13761</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Detector for DB2 for z/OS (PDT) may abend with a U387 abend following PTF SO13761.</p> <p>SYMPTOMS:</p> <p>Detector collections fail and terminate following U387 abend.</p> <p>IMPACT:</p> <p>Detector collections terminate.</p> <p>CIRCUMVENTION:</p> <p>This problem can be circumvented by setting:</p> <p>Dynamic Exceptions ==&gt; N (Y/N) (Requires profile)</p> <p>Static Exceptions ==&gt; N (Y/N) (Requires profile)</p> <p>on the collection startup panel or SDE(N) in the startup command list.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Detector for DB2 for z/OS Version 20.0</p> <p>Related Problem:</p> <p>PDT 1701</p> <p>Copyright (C) 2020 CA. All rights reserved. R01020-D200-SP1</p> <p>DESC (ABEND U387 AFTER SO13761).</p> <p>++VER (Z038)</p> <p>FMID (CPDTK00)</p> <p>PRE ( R096168 R097707 R098429 S003942 S004458 S006334<br/>S007810 S009811 S010908 S011694 S013887 )</p> <p>SUP ( AS13887 SO13761 ST13761 ST14235 )</p> <p>++HOLD (SO14235) SYSTEM FMID(CPDTK00)</p> <p>REASON (RESTART) DATE (20213)</p> <p>COMMENT (</p> <table border="1"> <tr> <td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <p>SEQUENCE   Before Apply</p> <p>PURPOSE   Avoidance of module mismatch related errors in an Xmanager</p> <p>USERS   Collections of DB2 statistics via Detector or Subsystem</p> <p>AFFECTED   Analyzer.</p> <p>  DB2 subsystems that have active collections.</p> <p>KNOWLEDGE   1. SMP/E</p> <p>REQUIRED   2. z/OS System Programming</p> <p>  3. CA DB2 Tools Installation and Maintenance procedures.</p> <p>ACCESS   1. Product runtime libraries.</p> <p>REQUIRED  </p> <p>*****</p> <p>* STEPS TO PERFORM *</p> <p>*****</p> <p>To implement the PTF:</p> <p>1. Stop product collections.</p> <p>2. Stop the Xmanager task.</p> | CA Detector for DB2 for z/OS | Version 20.0 |
| CA Detector for DB2 for z/OS | Version 20.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |              |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|         | <p>3. Update the runtime library.</p> <p>4. Restart the Xmanager task.</p> <p>Important!</p> <p>Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.</p> <p>).</p> |



| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO14252 | <p>SO14252 M.C.S. ENTRIES = ++PTF (SO14252)</p> <p>LOAD ABENDS WITH U100 WHEN TABLE HAS ORDERED IDENTITY COLUMN</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Fast Load for DB2 for z/OS (PFL) may fail when loading into a table containing an ordered identity column.</p> <p>The problem occurs when the table is created with the following identity column definition:</p> <pre>CREATE TABLE schema.tablename (COL1 INTEGER NOT NULL GENERATED ALWAYS AS IDENTITY ( , ... , ORDER , ... ) , ... ,COLn ...);</pre> <p>SYMPTOMS:</p> <p>The LOAD will fail with abend U100 and the following messages may appear:</p> <pre>IEA995I SYMPTOM DUMP OUTPUT 065 USER COMPLETION CODE=0100 TIME=05.09.35 SEQ=59505 CPU=0000 ASID=037E PSW AT TIME OF ERROR 078D1000 BB014E6A ILC 2 INTC 0D ACTIVE MODULE ADDRESS=00000000_3B010000 OFFSET=00004E6A NAME=UTLGLCTL DATA AT PSW 3B014E64 - 00181610 0A0DD207 D588C110 AR/GR 0: 07350FFF/80000000 1: 00000000/80000064 2: 00000000/0000E550 3: 00000000/00000000 4: 00000000/00000000 5: 00000000/3B01DB50 6: 00000000/0001C010 7: 00000000/000097C0 8: 00000000/3B067008 9: 00000000/BB1D0000 A: 00000000/3B034000 B: 00000000/BB010000 C: 00000000/3B014DF0 D: 00000000/3B01D038 E: 00000000/BB014E2A F: 0B2947C8/00000000 END OF SYMPTOM DUMP</pre> <p>If using batch processor the following error may also appear:</p> <pre>SYSTEM COMPLETION CODE=0C4 REASON CODE=00000004 TIME=09.55.59 SEQ=27978 CPU=0000 ASID=0053 PSW AT TIME OF ERROR 078D1000 800E823C ILC 4 INTC 04 ACTIVE MODULE ADDRESS=00000000_000E2000 OFFSET=00006236 NAME=BPLCALL DATA AT PSW 000E8236 - 00005050 F0D450E0 F0D8185F AR/GR 0: 02007347/000E798A 1: 00000000/00000000 2: 00000000/000E9D18 3: 00000000/000022E2 4: 00000000/0001CF38 5: 00000000/000E798A 6: 00000000/00018EA0 7: 00000000/000E9D18 8: 00000000/000E6FB8 9: 00000000/16245D53 A: 00000000/00006B78 B: 00000000/000E5FB8 C: 00000000/000E4FB8 D: 00000000/800E3FB8 E: 00000000/800E79B6 F: 0569A390/009FE990 END OF SYMPTOM DUMP</pre> <p>IMPACT:</p> <p>The LOAD will not work.</p> <p>CIRCUMVENTION:</p> |

| Service | Details                                                               |                     |
|---------|-----------------------------------------------------------------------|---------------------|
|         | None.                                                                 |                     |
|         | PRODUCT(S) AFFECTED:                                                  |                     |
|         | CA Fast Load for DB2 for z/OS                                         | Version 20.0        |
|         | Related Problem:                                                      |                     |
|         | PFL 1298                                                              |                     |
|         | Copyright (C) 2020 CA. All rights reserved. R01023-D200-SP1           |                     |
|         | DESC (LOAD ABENDS WITH U100 WHEN TABLE HAS ORDERED IDENTITY COLUMN) . |                     |
|         | ++VER (Z038)                                                          |                     |
|         | FMID (CPFLK00)                                                        |                     |
|         | PRE ( S000018 S011996 S012150 )                                       |                     |
|         | SUP ( ST14252 )                                                       |                     |
|         | MCS S013574                                                           | STARTS ON PAGE 0003 |
|         | MCS S013706                                                           | STARTS ON PAGE 0006 |
|         | MCS S013707                                                           | STARTS ON PAGE 0006 |
|         | MCS S013708                                                           | STARTS ON PAGE 0007 |
|         | MCS S013709                                                           | STARTS ON PAGE 0008 |
|         | MCS S013711                                                           | STARTS ON PAGE 0009 |
|         | MCS S013726                                                           | STARTS ON PAGE 0011 |
|         | MCS S013758                                                           | STARTS ON PAGE 0012 |
|         | MCS S013764                                                           | STARTS ON PAGE 0012 |
|         | MCS S013765                                                           | STARTS ON PAGE 0013 |
|         | MCS S013766                                                           | STARTS ON PAGE 0016 |
|         | MCS S013767                                                           | STARTS ON PAGE 0018 |
|         | MCS S013768                                                           | STARTS ON PAGE 0020 |
|         | MCS S013781                                                           | STARTS ON PAGE 0021 |
|         | MCS S013794                                                           | STARTS ON PAGE 0021 |
|         | MCS S013807                                                           | STARTS ON PAGE 0022 |
|         | MCS S013814                                                           | STARTS ON PAGE 0023 |
|         | MCS S013825                                                           | STARTS ON PAGE 0024 |
|         | MCS S013827                                                           | STARTS ON PAGE 0025 |
|         | MCS S013839                                                           | STARTS ON PAGE 0025 |
|         | MCS S013842                                                           | STARTS ON PAGE 0027 |
|         | MCS S013878                                                           | STARTS ON PAGE 0028 |
|         | MCS S013879                                                           | STARTS ON PAGE 0029 |
|         | MCS S013880                                                           | STARTS ON PAGE 0031 |
|         | MCS S013881                                                           | STARTS ON PAGE 0032 |
|         | MCS S013887                                                           | STARTS ON PAGE 0033 |
|         | MCS S013889                                                           | STARTS ON PAGE 0035 |
|         | MCS S013891                                                           | STARTS ON PAGE 0037 |
|         | MCS S013908                                                           | STARTS ON PAGE 0042 |
|         | MCS S013909                                                           | STARTS ON PAGE 0043 |
|         | MCS S013930                                                           | STARTS ON PAGE 0044 |
|         | MCS S013960                                                           | STARTS ON PAGE 0044 |
|         | MCS S013961                                                           | STARTS ON PAGE 0047 |
|         | MCS S013973                                                           | STARTS ON PAGE 0049 |
|         | MCS S013974                                                           | STARTS ON PAGE 0050 |
|         | MCS S013982                                                           | STARTS ON PAGE 0050 |
|         | MCS S013985                                                           | STARTS ON PAGE 0052 |
|         | MCS S013986                                                           | STARTS ON PAGE 0053 |
|         | MCS S013987                                                           | STARTS ON PAGE 0054 |
|         | MCS S013988                                                           | STARTS ON PAGE 0055 |
|         | MCS S013990                                                           | STARTS ON PAGE 0055 |
|         | MCS S014016                                                           | STARTS ON PAGE 0056 |

| Service | Details |         |                     |
|---------|---------|---------|---------------------|
|         | MCS     | SO14025 | STARTS ON PAGE 0059 |
|         | MCS     | SO14029 | STARTS ON PAGE 0060 |
|         | MCS     | SO14030 | STARTS ON PAGE 0062 |
|         | MCS     | SO14031 | STARTS ON PAGE 0064 |
|         | MCS     | SO14032 | STARTS ON PAGE 0066 |
|         | MCS     | SO14033 | STARTS ON PAGE 0069 |
|         | MCS     | SO14034 | STARTS ON PAGE 0071 |
|         | MCS     | SO14035 | STARTS ON PAGE 0074 |
|         | MCS     | SO14036 | STARTS ON PAGE 0076 |
|         | MCS     | SO14052 | STARTS ON PAGE 0079 |
|         | MCS     | SO14053 | STARTS ON PAGE 0080 |
|         | MCS     | SO14054 | STARTS ON PAGE 0081 |
|         | MCS     | SO14093 | STARTS ON PAGE 0082 |
|         | MCS     | SO14099 | STARTS ON PAGE 0083 |
|         | MCS     | SO14101 | STARTS ON PAGE 0091 |
|         | MCS     | SO14137 | STARTS ON PAGE 0091 |
|         | MCS     | SO14142 | STARTS ON PAGE 0096 |
|         | MCS     | SO14164 | STARTS ON PAGE 0096 |
|         | MCS     | SO14168 | STARTS ON PAGE 0097 |
|         | MCS     | SO14173 | STARTS ON PAGE 0098 |
|         | MCS     | SO14235 | STARTS ON PAGE 0098 |
|         | MCS     | SO14252 | STARTS ON PAGE 0100 |

CA DB2 Tools 20.0  
CA RS 2008 Product/Component Listing

116

| Product Family                                                | Product                                                      | Release  |
|---------------------------------------------------------------|--------------------------------------------------------------|----------|
| Database                                                      | CA BIND ANALYZER FOR DB2 FOR Z/OS                            | 20.00.00 |
|                                                               | CA DATABASE ANALYZER FOR DB2 FOR Z/OS                        | 20.00.00 |
|                                                               | CA DBM SOLUTIONS FOR DB2 FOR Z/OS BASE INSTALL               | 20.00.00 |
|                                                               | CA DBM SOLUTIONS FOR DB2 FOR Z/OS OBJECT FRAMEWORK SERVICES  | 20.00.00 |
|                                                               | CA DBM SOLUTIONS FOR DB2 FOR Z/OS UI SERVICES                | 20.00.00 |
|                                                               | CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITIES COMMON           | 20.00.00 |
|                                                               | CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITY GENERAL RECOVERY   | 20.00.00 |
|                                                               | CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITY SORT SERVICE       | 20.00.00 |
|                                                               | CA DBM SOLUTIONS FOR DB2 FOR Z/OS XNET COMMUNICATIONS SERVER | 20.00.00 |
|                                                               | CA DBM SOLUTIONS SNAPSHOT GENERAL SERVICES                   | 20.00.00 |
|                                                               | CA DETECTOR FOR DB2 FOR Z/OS                                 | 20.00.00 |
|                                                               | CA ENDEVOR SOFTWARE CHANGE MANAGER INTERFACE FOR DB2         | 20.00.00 |
|                                                               | CA FAST LOAD FOR DB2 FOR Z/OS                                | 20.00.00 |
|                                                               | CA FAST UNLOAD FOR DB2 FOR Z/OS                              | 20.00.00 |
|                                                               | CA LOG ANALYZER FOR DB2 FOR Z/OS                             | 20.00.00 |
|                                                               | CA PLAN ANALYZER FOR DB2 FOR Z/OS                            | 20.00.00 |
|                                                               | CA RAPID REORG FOR DB2 FOR Z/OS                              | 20.00.00 |
|                                                               | CA RC/EXTRACT FOR DB2 FOR Z/OS                               | 20.00.00 |
|                                                               | CA RC/MIGRATOR FOR DB2 FOR Z/OS                              | 20.00.00 |
|                                                               | CA RC/QUERY FOR DB2 FOR Z/OS                                 | 20.00.00 |
|                                                               | CA RC/SECURE FOR DB2 FOR Z/OS                                | 20.00.00 |
|                                                               | CA RC/UPDATE FOR DB2 FOR Z/OS                                | 20.00.00 |
|                                                               | CA RECOVERY ANALYZER FOR DB2 FOR Z/OS                        | 20.00.00 |
|                                                               | CA REPORT FACILITY FOR TSO                                   | 20.00.00 |
|                                                               | CA SUBSYSTEM ANALYZER FOR DB2 FOR Z/OS                       | 20.00.00 |
|                                                               | CA SYSVIEW PERFORMANCE MANAGEMENT OPTION FOR DB2 FOR Z/OS    | 20.00.00 |
|                                                               | CA COMMON SQL SERVICES FOR DB2 FOR Z/OS                      | 01.00.00 |
| The CA RS 2008 Product/Component Count for this release is 27 |                                                              |          |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR2008     | S014252 | CPFLK00 |
|             | S014235 | CPDTK00 |
|             | S014173 | CINSK00 |
|             | S014168 | CINSK00 |
|             | S014164 | CIDBK00 |
|             | S014142 | CPLAK00 |
|             | S014137 | CPLAK00 |
|             | S014101 | CRCQK00 |
|             | S014099 | CIDBK00 |
|             | S014093 | CIDBK00 |
|             | S014054 | CPUTK00 |
|             | S014053 | CPFUK00 |
|             | S014052 | CINSK00 |
|             | S014036 | CUGRK00 |
|             | S014035 | CPUTK00 |
|             | S014034 | CPRRK00 |
|             | S014033 | CPLAK00 |
|             | S014032 | CPFUK00 |
|             | S014031 | CPFLK00 |
|             | S014030 | CPDAK00 |
|             | S014029 | CINSK00 |
|             | S014025 | CPFLK00 |
|             | S014016 | CIDBK00 |
|             | S013990 | COFSK00 |
|             | S013988 | CPPAK00 |
|             | S013987 | CPDTK00 |
|             | S013986 | CPDAK00 |
|             | S013985 | CINSK00 |
|             | S013982 | CSQ2100 |
|             | S013974 | CINSK00 |
|             | S013973 | CINSK00 |
|             | S013961 | CPUTK00 |
|             | S013960 | CPFUK00 |
|             | S013930 | CINSK00 |
|             | S013909 | CPXNK00 |
|             | S013908 | CINSK00 |
|             | S013891 | CIDBK00 |
|             | S013889 | CPDTK00 |
|             | S013887 | CPDTK00 |
|             | S013881 | CUGRK00 |
|             | S013880 | CPUTK00 |
|             | S013879 | CPLAK00 |
|             | S013878 | CINSK00 |
|             | S013842 | CRCXK00 |
|             | S013839 | CINSK00 |
|             | S013827 | CINSK00 |
|             | S013825 | CIDBK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S013814 | CINSK00 |
|             | S013807 | CINSK00 |
|             | S013794 | CINSK00 |
|             | S013781 | COFSK00 |
|             | S013768 | CUGRK00 |
|             | S013767 | CPUTK00 |
|             | S013766 | CPFUK00 |
|             | S013765 | CPFLK00 |
|             | S013764 | CINSK00 |
|             | S013758 | COFSK00 |
|             | S013726 | CINSK00 |
|             | S013711 | CINSK00 |
|             | S013709 | CPUTK00 |
|             | S013708 | CPRRK00 |
|             | S013707 | CPFUK00 |
|             | S013706 | CPFLK00 |
|             | S013574 | CINSK00 |
| CAR2007     | S013761 | CPDTK00 |
|             | S013730 | CPRFK00 |
|             | S013718 | CPLAK00 |
|             | S013717 | CINSK00 |
|             | S013686 | CUGRK00 |
|             | S013685 | CPUTK00 |
|             | S013684 | CPFUK00 |
|             | S013683 | CPDAK00 |
|             | S013682 | CINSK00 |
|             | S013676 | CINSK00 |
|             | S013668 | CRCQK00 |
|             | S013655 | CPDTK00 |
|             | S013635 | CPRRK00 |
|             | S013633 | CPPAK00 |
|             | S013627 | CUGRK00 |
|             | S013626 | CPUTK00 |
|             | S013625 | CPLAK00 |
|             | S013624 | CINSK00 |
|             | S013616 | CPDTK00 |
|             | S013596 | CPUTK00 |
|             | S013586 | CUGRK00 |
|             | S013584 | CPDAK00 |
|             | S013557 | CIDBK00 |
|             | S013539 | CINSK00 |
|             | S013515 | CIDBK00 |
|             | S013509 | CINSK00 |
|             | S013508 | CIDBK00 |
|             | S013484 | CINSK00 |
|             | S013456 | CRCXK00 |
|             | S013453 | CINSK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S013450 | CPDTK00 |
|             | S013437 | CPFUK00 |
|             | S013421 | CPSAK00 |
|             | S013417 | CINSK00 |
|             | S013341 | CINSK00 |
|             | S013340 | CINSK00 |
|             | S013273 | CINSK00 |
|             | S012794 | CINSK00 |
| CAR2006     | S013352 | CINSK00 |
|             | S013339 | CPRRK00 |
|             | S013329 | CPSAK00 |
|             | S013320 | CINSK00 |
|             | S013319 | CPFUK00 |
|             | S013316 | CPUTK00 |
|             | S013308 | CINSK00 |
|             | S013307 | CAHOK00 |
|             | S013306 | CRCUK00 |
|             | S013234 | CPLAK00 |
|             | S013230 | CINSK00 |
|             | S013229 | CINSK00 |
|             | S013224 | CPLAK00 |
|             | S013213 | CINSK00 |
|             | S013206 | CUGRK00 |
|             | S013205 | CPUTK00 |
|             | S013204 | CPRRK00 |
|             | S013203 | CPFLK00 |
|             | S013193 | CINSK00 |
|             | S013176 | CPRRK00 |
|             | S013175 | CPFLK00 |
|             | S013154 | CINSK00 |
|             | S013153 | CPUTK00 |
|             | S013152 | CPRRK00 |
|             | S013151 | CPFUK00 |
|             | S013150 | CPFLK00 |
|             | S013149 | CINSK00 |
|             | S013130 | CUGRK00 |
|             | S013112 | CRCUK00 |
|             | S013111 | CINSK00 |
|             | S013098 | CPUTK00 |
|             | S013097 | CPFLK00 |
|             | S013096 | CINSK00 |
|             | S013091 | CPDTK00 |
|             | S013083 | CRCQK00 |
|             | S013080 | CINSK00 |
|             | S013075 | CINSK00 |
|             | S013074 | CPDTK00 |
|             | S013071 | CINSK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S013066 | CPFLK00 |
|             | S013044 | CINSK00 |
|             | S013032 | CIDBK00 |
|             | S013024 | CUGRK00 |
|             | S013009 | CPLAK00 |
|             | S013005 | CIDBK00 |
|             | S012999 | CINSK00 |
|             | S012994 | CINSK00 |
|             | S012984 | CPFLK00 |
|             | S012958 | CTGRK00 |
|             | S012921 | CPDTK00 |
|             | S012853 | CUGRK00 |
|             | S012852 | CPSAK00 |
|             | S012851 | CINSK00 |
| CAR2005     | S012966 | CPSAK00 |
|             | S012943 | CPPAK00 |
|             | S012942 | CINSK00 |
|             | S012937 | CRCXK00 |
|             | S012936 | CRCUK00 |
|             | S012935 | CPLAK00 |
|             | S012934 | CPFUK00 |
|             | S012933 | CINSK00 |
|             | S012927 | CPUTK00 |
|             | S012926 | CPSAK00 |
|             | S012925 | CPDTK00 |
|             | S012924 | CINSK00 |
|             | S012904 | CINSK00 |
|             | S012902 | CUGRK00 |
|             | S012901 | CPUTK00 |
|             | S012900 | CPLAK00 |
|             | S012899 | CINSK00 |
|             | S012896 | CIDBK00 |
|             | S012889 | CPLAK00 |
|             | S012829 | CINSK00 |
|             | S012821 | CPDTK00 |
|             | S012819 | CINSK00 |
|             | S012817 | CINSK00 |
|             | S012812 | CINSK00 |
|             | S012808 | CPDTK00 |
|             | S012797 | CPLAK00 |
|             | S012792 | CINSK00 |
|             | S012783 | CRCQK00 |
|             | S012769 | CIDBK00 |
|             | S012764 | CINSK00 |
|             | S012763 | CPLAK00 |
|             | S012754 | CPSAK00 |
|             | S012751 | CINSK00 |



| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S012730 | CPUTK00 |
|             | S012717 | CPUTK00 |
|             | S012716 | CPRRK00 |
|             | S012715 | CINSK00 |
|             | S012706 | CIDBK00 |
|             | S012657 | CRCUK00 |
|             | S012656 | CPUTK00 |
|             | S012655 | CPPAK00 |
|             | S012654 | CPLAK00 |
|             | S012653 | CPFUK00 |
|             | S012652 | CPDTK00 |
|             | S012651 | CPDAK00 |
|             | S012650 | CINSK00 |
|             | S012624 | CPDAK00 |
|             | S012586 | CUGRK00 |
|             | S012585 | CPFLK00 |
|             | S012553 | CRCSK00 |
|             | S012547 | CINSK00 |
|             | S012539 | CPSAK00 |
|             | S012538 | CPDTK00 |
|             | S012537 | CINSK00 |
|             | S012536 | CIDBK00 |
|             | S012530 | CUGRK00 |
|             | S012529 | CPUTK00 |
|             | S012528 | CPRRK00 |
|             | S012527 | CPFUK00 |
|             | S012526 | CPFLK00 |
|             | S012525 | CINSK00 |
|             | S012524 | CINSK00 |
|             | S012501 | CSQ2100 |
|             | S012487 | CPLAK00 |
|             | S012483 | CIDBK00 |
|             | S012429 | CPDTK00 |
|             | S012428 | CIDBK00 |
|             | S012412 | COFSK00 |
|             | S012368 | CPPAK00 |
|             | S012367 | CINSK00 |
|             | S012366 | CRCXK00 |
|             | S012365 | CRCUK00 |
|             | S012364 | CPLAK00 |
|             | S012363 | CPFUK00 |
|             | S012362 | COFSK00 |
|             | S012361 | CINSK00 |
|             | S012304 | CRCUK00 |
| CAR2004     | S012426 | CPDTK00 |
|             | S012400 | CRCXK00 |
|             | S012397 | CIDBK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S012396 | CINSK00 |
|             | S012352 | CUGRK00 |
|             | S012323 | CINSK00 |
|             | S012279 | CUGRK00 |
|             | S012278 | CPUTK00 |
|             | S012277 | CPRRK00 |
|             | S012276 | CPFUK00 |
|             | S012275 | CPFLK00 |
|             | S012274 | CINSK00 |
|             | S012268 | CINSK00 |
|             | S012267 | CPPAK00 |
|             | S012249 | CINSK00 |
|             | S012235 | CUGRK00 |
|             | S012234 | CUGRK00 |
|             | S012229 | CRCQK00 |
|             | S012228 | CINSK00 |
|             | S012219 | CINSK00 |
|             | S012197 | CPFUK00 |
|             | S012196 | CIDBK00 |
|             | S012174 | CPUTK00 |
|             | S012173 | CPLAK00 |
|             | S012164 | CINSK00 |
|             | S012159 | CINSK00 |
|             | S012155 | CUGRK00 |
|             | S012154 | CTGRK00 |
|             | S012153 | CPUTK00 |
|             | S012152 | CPRRK00 |
|             | S012151 | CPFUK00 |
|             | S012150 | CPFLK00 |
|             | S012149 | CINSK00 |
|             | S012147 | CINSK00 |
|             | S012131 | CPDTK00 |
|             | S012128 | CPFLK00 |
|             | S012115 | CINSK00 |
|             | S012078 | CIDBK00 |
|             | S012076 | CINSK00 |
|             | S012068 | CPPAK00 |
|             | S012067 | CINSK00 |
|             | S011977 | CIDBK00 |
| CAR2003     | S012133 | CIDBK00 |
|             | S012132 | CINSK00 |
|             | S012110 | CUGRK00 |
|             | S012109 | CPRRK00 |
|             | S012108 | CPFUK00 |
|             | S012107 | CPFLK00 |
|             | S012106 | CINSK00 |
|             | S012042 | CINSK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S012031 | CINSK00 |
|             | S012018 | CUGRK00 |
|             | S012012 | CRCQK00 |
|             | S012011 | CINSK00 |
|             | S012000 | CUGRK00 |
|             | S011999 | CPUTK00 |
|             | S011998 | CPRRK00 |
|             | S011997 | CPFUK00 |
|             | S011996 | CPFLK00 |
|             | S011995 | CINSK00 |
|             | S011993 | CPFUK00 |
|             | S011988 | CINSK00 |
|             | S011983 | CPDTK00 |
|             | S011981 | CPUTK00 |
|             | S011976 | CRCQK00 |
|             | S011971 | CRCXK00 |
|             | S011970 | CRCUK00 |
|             | S011969 | CPLAK00 |
|             | S011968 | CPFUK00 |
|             | S011967 | COFSK00 |
|             | S011966 | CINSK00 |
|             | S011957 | CINSK00 |
|             | S011947 | CPUTK00 |
|             | S011946 | CPFLK00 |
|             | S011945 | CINSK00 |
|             | S011942 | CINSK00 |
|             | S011931 | CPDAK00 |
|             | S011930 | CUGRK00 |
|             | S011929 | CUGRK00 |
|             | S011921 | COFSK00 |
|             | S011868 | CRCXK00 |
|             | S011867 | CRCUK00 |
|             | S011866 | CINSK00 |
|             | S011863 | CINSK00 |
|             | S011862 | CPUTK00 |
|             | S011861 | CPRRK00 |
|             | S011849 | CPUTK00 |
|             | S011848 | CPUTK00 |
|             | S011847 | CPRRK00 |
|             | S011846 | CPFLK00 |
|             | S011843 | CPSAK00 |
|             | S011806 | CINSK00 |
|             | S011782 | CPLAK00 |
|             | S011773 | CUGRK00 |
|             | S011768 | CPPAK00 |
|             | S011767 | CPBAK00 |
|             | S011766 | CINSK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S011737 | CINSK00 |
|             | S011717 | CPDTK00 |
|             | S011686 | CUGRK00 |
|             | S011685 | CPUTK00 |
|             | S011684 | CINSK00 |
|             | S011675 | CIDBK00 |
| CAR2002     | S011810 | CPPAK00 |
|             | S011809 | CPLAK00 |
|             | S011808 | CPBAK00 |
|             | S011807 | CINSK00 |
|             | S011780 | CIDBK00 |
|             | S011731 | CPRFK00 |
|             | S011701 | CPDAK00 |
|             | S011700 | CINSK00 |
|             | S011696 | CINSK00 |
|             | S011695 | CPSAK00 |
|             | S011694 | CPDTK00 |
|             | S011693 | CIDBK00 |
|             | S011691 | CINSK00 |
|             | S011679 | CINSK00 |
|             | S011674 | CINSK00 |
|             | S011669 | CPLAK00 |
|             | S011646 | CUGRK00 |
|             | S011645 | CPRRK00 |
|             | S011644 | CPFUK00 |
|             | S011643 | CPFLK00 |
|             | S011625 | CPSAK00 |
|             | S011624 | CPDTK00 |
|             | S011623 | CINSK00 |
|             | S011616 | CIDBK00 |
|             | S011608 | CPXNK00 |
|             | S011606 | CPDTK00 |
|             | S011605 | CUGRK00 |
|             | S011604 | CPUTK00 |
|             | S011603 | CPRRK00 |
|             | S011602 | CPFUK00 |
|             | S011601 | CPFLK00 |
|             | S011583 | CPLAK00 |
|             | S011576 | CINSK00 |
|             | S011567 | CPPAK00 |
|             | S011566 | CINSK00 |
|             | S011547 | CINSK00 |
|             | S011534 | CINSK00 |
|             | S011521 | CPUTK00 |
|             | S011520 | CPFLK00 |
|             | S011499 | CPDTK00 |
|             | S011476 | CPFUK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S011475 | CINSK00 |
|             | S011468 | CINSK00 |
|             | S011465 | CIDBK00 |
|             | S011452 | CIDBK00 |
|             | S011433 | CPUTK00 |
|             | S011432 | CPRRK00 |
|             | S011431 | CPFLK00 |
|             | S011430 | CINSK00 |
|             | S011419 | CPLAK00 |
|             | S011382 | CUGRK00 |
|             | S011373 | CINSK00 |
|             | S011333 | CINSK00 |
|             | S011325 | CPFLK00 |
|             | S011296 | CPRFK00 |
|             | S011231 | CINSK00 |
|             | S011086 | CUGRK00 |
| CAR2001     | S011345 | CPSAK00 |
|             | S011323 | CUGRK00 |
|             | S011317 | CINSK00 |
|             | S011263 | CPDTK00 |
|             | S011261 | CINSK00 |
|             | S011255 | CINSK00 |
|             | S011239 | CUGRK00 |
|             | S011238 | CPUTK00 |
|             | S011237 | CPRRK00 |
|             | S011236 | CPFUK00 |
|             | S011235 | CPFLK00 |
|             | S011234 | CINSK00 |
|             | S011222 | CPRRK00 |
|             | S011221 | CINSK00 |
|             | S011201 | CINSK00 |
|             | S011200 | CPRRK00 |
|             | S011197 | CRCQK00 |
|             | S011196 | CINSK00 |
|             | S011180 | COFSK00 |
|             | S011169 | CUGRK00 |
|             | S011168 | CPUTK00 |
|             | S011133 | CRCQK00 |
|             | S011131 | CPPAK00 |
|             | S011130 | CPBAK00 |
|             | S011129 | CINSK00 |
|             | S011114 | CPUTK00 |
|             | S011113 | CPLAK00 |
|             | S011112 | CINSK00 |
|             | S011110 | CPUTK00 |
|             | S011109 | CPRRK00 |
|             | S011108 | CPFUK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S011107 | CPFLK00 |
|             | S011105 | CRCUK00 |
|             | S011085 | CPUTK00 |
|             | S011084 | CINSK00 |
|             | S011083 | CUGRK00 |
|             | S011080 | CPRRK00 |
|             | S011079 | CRCXK00 |
|             | S011078 | CINSK00 |
|             | S011052 | CPFUK00 |
|             | S011048 | CINSK00 |
|             | S011017 | CPDAK00 |
|             | S011013 | CPFUK00 |
|             | S011009 | CUTSK00 |
|             | S010978 | CINSK00 |
|             | S010975 | CRCUK00 |
|             | S010974 | CINSK00 |
|             | S010955 | CPSAK00 |
|             | S010908 | CPDTK00 |
|             | S010907 | CINSK00 |
|             | S010906 | CIDBK00 |
|             | S010867 | CPSAK00 |
|             | S010835 | CINSK00 |
|             | S010817 | CPRAK00 |
|             | S010739 | CIDBK00 |
|             | S010662 | CINSK00 |
|             | S010278 | CPPAK00 |
|             | S010277 | CPBAK00 |
| CAR1912     | S011039 | CPRRK00 |
|             | S010948 | CINSK00 |
|             | S010921 | CPDTK00 |
|             | S010920 | CINSK00 |
|             | S010872 | CINSK00 |
|             | S010871 | CINSK00 |
|             | S010827 | CINSK00 |
|             | S010819 | CUGRK00 |
|             | S010818 | CUGRK00 |
|             | S010815 | CINSK00 |
|             | S010789 | CAHOK00 |
|             | S010788 | CINSK00 |
|             | S010763 | CINSK00 |
|             | S010760 | CINSK00 |
|             | S010752 | CPFLK00 |
|             | S010750 | CINSK00 |
|             | S010716 | CIDBK00 |
|             | S010714 | CPPAK00 |
|             | S010713 | CPBAK00 |
|             | S010712 | CINSK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S010703 | CINSK00 |
|             | S010679 | CPRRK00 |
|             | S010678 | CPUTK00 |
|             | S010677 | CPLAK00 |
|             | S010676 | CINSK00 |
|             | S010661 | CRCQK00 |
|             | S010652 | CPDTK00 |
|             | S010641 | CPLAK00 |
|             | S010639 | CINSK00 |
|             | S010631 | CINSK00 |
|             | S010626 | CPFUK00 |
|             | S010625 | CPRRK00 |
|             | S010608 | CPUTK00 |
|             | S010549 | CINSK00 |
|             | S010512 | CINSK00 |
|             | S010495 | CPUTK00 |
|             | S010417 | CINSK00 |
|             | S010405 | CIDBK00 |
|             | S010401 | CUGRK00 |
|             | S010165 | CUGRK00 |
|             | S009802 | CINSK00 |
| CAR1911     | S010553 | CUGRK00 |
|             | S010538 | CPDTK00 |
|             | S010532 | CRCQK00 |
|             | S010521 | CPDTK00 |
|             | S010514 | CINSK00 |
|             | S010505 | CPRRK00 |
|             | S010492 | CPDTK00 |
|             | S010474 | CPUTK00 |
|             | S010470 | CUTSK00 |
|             | S010469 | CINSK00 |
|             | S010468 | CRCQK00 |
|             | S010442 | CPFUK00 |
|             | S010437 | CINSK00 |
|             | S010430 | CRCQK00 |
|             | S010390 | CPLAK00 |
|             | S010389 | CINSK00 |
|             | S010365 | CPRFK00 |
|             | S010347 | CPRFK00 |
|             | S010331 | CINSK00 |
|             | S010323 | CINSK00 |
|             | S010321 | CRCQK00 |
|             | S010306 | CUGRK00 |
|             | S010292 | CINSK00 |
|             | S010288 | CPRFK00 |
|             | S010281 | CINSK00 |
|             | S010268 | CRCQK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S010250 | COFSK00 |
|             | S010248 | CIDBK00 |
|             | S010243 | CINSK00 |
|             | S010236 | CUTSK00 |
|             | S010201 | CUGRK00 |
|             | S010200 | CINSK00 |
|             | S010175 | CPFUK00 |
|             | S010174 | CINSK00 |
|             | S010173 | CINSK00 |
|             | S010071 | CTGRK00 |
|             | S010059 | CTGRK00 |
|             | S010007 | CPRRK00 |
|             | S010000 | CPPAK00 |
|             | S009999 | CINSK00 |
|             | S009978 | CPUTK00 |
|             | S009977 | CPFLK00 |
|             | S009976 | CINSK00 |
|             | S009945 | CINSK00 |
|             | S009911 | CUGRK00 |
|             | S009797 | CINSK00 |
| CAR1910     | S010196 | CPUTK00 |
|             | S010195 | CPFLK00 |
|             | S010194 | CINSK00 |
|             | S010163 | CRCQK00 |
|             | S010162 | CINSK00 |
|             | S010160 | CIDBK00 |
|             | S010129 | CAHOK00 |
|             | S010107 | CPFUK00 |
|             | S010080 | CINSK00 |
|             | S010069 | CINSK00 |
|             | S010066 | CINSK00 |
|             | S010061 | CINSK00 |
|             | S010046 | CINSK00 |
|             | S010044 | CUGRK00 |
|             | S010043 | CPFUK00 |
|             | S010042 | CPDAK00 |
|             | S010041 | CINSK00 |
|             | S010038 | CPUTK00 |
|             | S010029 | COFSK00 |
|             | S010028 | CINSK00 |
|             | S010023 | CPFUK00 |
|             | S010021 | CINSK00 |
|             | S010018 | CPDTK00 |
|             | S010004 | CINSK00 |
|             | S010001 | CUGRK00 |
|             | S009974 | CUGRK00 |
|             | S009973 | CPUTK00 |



| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S009954 | CPRRK00 |
|             | S009929 | CINSK00 |
|             | S009905 | CPRRK00 |
|             | S009903 | CUGRK00 |
|             | S009902 | CPUTK00 |
|             | S009901 | CPRRK00 |
|             | S009900 | CPFLK00 |
|             | S009893 | CINSK00 |
|             | S009892 | CINSK00 |
|             | S009877 | CINSK00 |
|             | S009867 | CUGRK00 |
|             | S009866 | CRCCK00 |
|             | S009865 | CRCQK00 |
|             | S009864 | CPRFK00 |
|             | S009863 | CPRAK00 |
|             | S009862 | CPPAK00 |
|             | S009861 | CPDAK00 |
|             | S009860 | CINSK00 |
|             | S009859 | CIDBK00 |
|             | S009858 | CAHOK00 |
|             | S009857 | CINSK00 |
|             | S009854 | CPUTK00 |
|             | S009852 | CRCQK00 |
|             | S009851 | CINSK00 |
|             | S009839 | CINSK00 |
|             | S009818 | CINSK00 |
|             | S009811 | CPDTK00 |
|             | S009799 | CINSK00 |
|             | S009787 | CPPAK00 |
|             | S009786 | CPBAK00 |
|             | S009785 | CINSK00 |
|             | S009766 | CUGRK00 |
|             | S009765 | CPUTK00 |
|             | S009764 | CPFUK00 |
|             | S009763 | CPDAK00 |
|             | S009762 | COFSK00 |
|             | S009761 | CINSK00 |
| CAR1909     | S009828 | CPDTK00 |
|             | S009796 | CINSK00 |
|             | S009790 | CINSK00 |
|             | S009759 | CRCQK00 |
|             | S009748 | CUGRK00 |
|             | S009743 | CIDBK00 |
|             | S009742 | CUGRK00 |
|             | S009714 | CPRAK00 |
|             | S009708 | CIDBK00 |
|             | S009693 | CINSK00 |

| CA RS Level | Service | FMID     |
|-------------|---------|----------|
|             | S009675 | CPFUK00  |
|             | S009672 | CPUTK00  |
|             | S009671 | CPRRK00  |
|             | S009662 | CPRFK00  |
|             | S009652 | CPDAK00  |
|             | S009647 | COFSK00  |
|             | S009602 | CINSK00  |
|             | S009601 | CPDTK00  |
|             | S009599 | CPRRK00  |
|             | S009595 | CUGRK00  |
|             | S009590 | CUTSK00  |
|             | S009569 | CPUTK00  |
|             | S009564 | CINSK00  |
|             | S009556 | CIDBK00  |
|             | S009546 | CINSK00  |
|             | S009519 | CIDBK00  |
|             | S009432 | CPSAK00  |
|             | S009426 | CINSK00  |
|             | S009423 | CTGRK00  |
|             | S009417 | CINSK00  |
|             | S009403 | CRC SK00 |
|             | S009378 | CPFLK00  |
|             | S009333 | CPLAK00  |
|             | S009300 | CPDAK00  |
|             | S009205 | CINSK00  |
|             | S008837 | CPRRK00  |
| CAR1908     | S009461 | CINSK00  |
|             | S009373 | CIDBK00  |
|             | S009356 | CINSK00  |
|             | S009337 | CPFUK00  |
|             | S009267 | CPSAK00  |
|             | S009261 | CINSK00  |
|             | S009253 | CPUTK00  |
|             | S009252 | CPLAK00  |
|             | S009239 | CPDTK00  |
|             | S009232 | CINSK00  |
|             | S009228 | CIDBK00  |
|             | S009188 | CUGRK00  |
|             | S009187 | CTGRK00  |
|             | S009186 | CPUTK00  |
|             | S009185 | CPRFK00  |
|             | S009184 | COFSK00  |
|             | S009183 | CINSK00  |
|             | S009180 | CPFLK00  |
|             | S009177 | CIDBK00  |
|             | S009166 | CRCUK00  |
|             | S009147 | CUGRK00  |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S009146 | CINSK00 |
|             | S009135 | CPUTK00 |
|             | S009133 | CPLAK00 |
|             | S009132 | CUGRK00 |
|             | S009130 | CINSK00 |
|             | S009129 | CRCQK00 |
|             | S009128 | COFSK00 |
|             | S009126 | CINSK00 |
|             | S009125 | CINSK00 |
|             | S009110 | CRCXK00 |
|             | S009109 | CRCUK00 |
|             | S009108 | CPLAK00 |
|             | S009107 | CPFUK00 |
|             | S009106 | COFSK00 |
|             | S009105 | CINSK00 |
|             | S009089 | CPRRK00 |
|             | S009088 | CPDAK00 |
|             | S009083 | CPLAK00 |
|             | S009068 | CIDBK00 |
|             | S009065 | CPDTK00 |
|             | S009055 | CIDBK00 |
|             | S009054 | CIDBK00 |
|             | S009044 | CPDTK00 |
|             | S008969 | CPRFK00 |
|             | S008963 | CINSK00 |
|             | S008766 | CINSK00 |
|             | S008755 | CINSK00 |
|             | S008732 | CPUTK00 |
|             | S008540 | CINSK00 |
| CAR1907     | S009033 | CINSK00 |
|             | S009028 | CUGRK00 |
|             | S009027 | CPUTK00 |
|             | S009026 | CPRRK00 |
|             | S009025 | CPFUK00 |
|             | S009024 | CPFLK00 |
|             | S009023 | CPDAK00 |
|             | S009022 | CINSK00 |
|             | S008957 | CINSK00 |
|             | S008922 | CPRAK00 |
|             | S008899 | CUTSK00 |
|             | S008879 | CPUTK00 |
|             | S008878 | CRCQK00 |
|             | S008871 | CPUTK00 |
|             | S008870 | CPLAK00 |
|             | S008869 | CINSK00 |
|             | S008861 | CPUTK00 |
|             | S008860 | CPFUK00 |

| CA RS<br>Level | Service | FMID    |
|----------------|---------|---------|
|                | S008859 | CINSK00 |
|                | S008858 | COFSK00 |
|                | S008856 | CINSK00 |
|                | S008847 | CINSK00 |
|                | S008846 | CIDBK00 |
|                | S008843 | CUGRK00 |
|                | S008841 | CUGRK00 |
|                | S008833 | CUGRK00 |
|                | S008832 | CINSK00 |
|                | S008825 | CINSK00 |
|                | S008804 | CINSK00 |
|                | S008803 | CPUTK00 |
|                | S008802 | CPLAK00 |
|                | S008799 | CSQ2100 |
|                | S008789 | CPDTK00 |
|                | S008782 | CPUTK00 |
|                | S008762 | CTGRK00 |
|                | S008750 | CINSK00 |
|                | S008728 | CIDBK00 |
|                | S008684 | CINSK00 |
|                | S008668 | CUGRK00 |
|                | S008667 | CPUTK00 |
|                | S008663 | COFSK00 |
|                | S008662 | CINSK00 |
|                | S008654 | CINSK00 |
|                | S008644 | CINSK00 |
|                | S008606 | CINSK00 |
|                | S008586 | CPUTK00 |
|                | S008585 | CPFUK00 |
|                | S008584 | CPFLK00 |
|                | S008581 | CPPAK00 |
|                | S008580 | CPBAK00 |
|                | S008579 | COFSK00 |
|                | S008578 | CINSK00 |
|                | S008577 | CIDBK00 |
|                | S008576 | CSQ2100 |
|                | S008467 | CINSK00 |
|                | S008414 | CINSK00 |
|                | S008352 | CPFUK00 |
| CAR1906        | S008608 | CRCQK00 |
|                | S008466 | CUGRK00 |
|                | S008455 | CPDTK00 |
|                | S008451 | CPPAK00 |
|                | S008450 | CPBAK00 |
|                | S008446 | CPDTK00 |
|                | S008435 | COFSK00 |
|                | S008434 | CINSK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S008429 | CPUTK00 |
|             | S008428 | CPFLK00 |
|             | S008427 | COFSK00 |
|             | S008407 | CPFLK00 |
|             | S008406 | CINSK00 |
|             | S008403 | COFSK00 |
|             | S008393 | CPSAK00 |
|             | S008380 | CPUTK00 |
|             | S008379 | CPRRK00 |
|             | S008378 | CPFLK00 |
|             | S008377 | CINSK00 |
|             | S008330 | CINSK00 |
|             | S008323 | CPDTK00 |
|             | S008313 | CINSK00 |
|             | S008302 | CIDBK00 |
|             | S008296 | CINSK00 |
|             | S008291 | CINSK00 |
|             | S008280 | CUGRK00 |
|             | S008279 | CIDBK00 |
|             | S008278 | CINSK00 |
|             | S008262 | CINSK00 |
|             | S008244 | CPDTK00 |
|             | S008240 | CINSK00 |
|             | S008232 | CRCQK00 |
|             | S008216 | CINSK00 |
|             | S008202 | CINSK00 |
|             | S008198 | CINSK00 |
|             | S008190 | CPSAK00 |
|             | S008128 | CINSK00 |
|             | S008074 | CRCMK00 |
| CAR1905     | S008204 | CPDTK00 |
|             | S008193 | CUGRK00 |
|             | S008137 | CUGRK00 |
|             | S008136 | CINSK00 |
|             | S008129 | CPDTK00 |
|             | S008123 | CPSAK00 |
|             | S008112 | CPFUK00 |
|             | S008109 | COFSK00 |
|             | S008101 | COFSK00 |
|             | S008083 | CPRFK00 |
|             | S008072 | CPUTK00 |
|             | S008071 | CPFLK00 |
|             | S008068 | CPFUK00 |
|             | S008051 | CINSK00 |
|             | S008025 | CPRFK00 |
|             | S008016 | CINSK00 |
|             | S008012 | CPRAK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S008008 | CPLAK00 |
|             | S007988 | CPDTK00 |
|             | S007986 | CPUTK00 |
|             | S007974 | CPRFK00 |
|             | S007955 | CINSK00 |
|             | S007954 | CRCQK00 |
|             | S007940 | CINSK00 |
|             | S007927 | CUTSK00 |
|             | S007924 | CPFLK00 |
|             | S007916 | CUGRK00 |
|             | S007915 | CINSK00 |
|             | S007906 | CPRAK00 |
|             | S007905 | CUGRK00 |
|             | S007904 | CAHOK00 |
|             | S007894 | CPUTK00 |
|             | S007893 | CPRRK00 |
|             | S007884 | CTGRK00 |
|             | S007856 | CINSK00 |
| CAR1904     | S007826 | CUGRK00 |
|             | S007825 | CTGRK00 |
|             | S007824 | CRCUK00 |
|             | S007823 | CRCSK00 |
|             | S007822 | CRCQK00 |
|             | S007821 | CRCMK00 |
|             | S007820 | CPUTK00 |
|             | S007819 | CPSAK00 |
|             | S007818 | CPRRK00 |
|             | S007815 | CPRFK00 |
|             | S007814 | CPPAK00 |
|             | S007813 | CPLAK00 |
|             | S007812 | CPFUK00 |
|             | S007811 | CPFLK00 |
|             | S007810 | CPDTK00 |
|             | S007809 | CPDAK00 |
|             | S007808 | COFSK00 |
|             | S007807 | CINSK00 |
|             | S007806 | CIDBK00 |
|             | S007804 | CAHOK00 |
|             | S007774 | CINSK00 |
|             | S007711 | CPUTK00 |
|             | S007560 | CINSK00 |
|             | S007552 | CINSK00 |
|             | S007173 | CUGRK00 |
|             | S007172 | CPUTK00 |
|             | S007171 | CPFUK00 |
|             | S007170 | CPFLK00 |
|             | S007169 | CINSK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR1903     | S007412 | CINSK00 |
|             | S007384 | CRCXK00 |
|             | S007383 | CRCUK00 |
|             | S007382 | CPLAK00 |
|             | S007381 | CPFUK00 |
|             | S007380 | COFSK00 |
|             | S007379 | CINSK00 |
|             | S007369 | CRCUK00 |
|             | S007323 | CINSK00 |
|             | S007204 | CPSAK00 |
| CAR1902     | S007167 | CINSK00 |
|             | S006978 | CINSK00 |
|             | S006977 | CIDBK00 |
|             | S006879 | CUGRK00 |
|             | S006878 | CRCXK00 |
|             | S006877 | CRCUK00 |
|             | S006876 | CRCSK00 |
|             | S006875 | CRCQK00 |
|             | S006874 | CPUTK00 |
|             | S006873 | CPSAK00 |
|             | S006870 | CPRFK00 |
|             | S006869 | CPPAK00 |
|             | S006868 | CPLAK00 |
|             | S006867 | CPFUK00 |
|             | S006866 | CPFLK00 |
|             | S006865 | CPDTK00 |
|             | S006864 | COFSK00 |
|             | S006863 | CINSK00 |
|             | S006862 | CIDBK00 |
|             | S006838 | CPDTK00 |
| CAR1901     | S006718 | CPLAK00 |
|             | S006638 | CINSK00 |
|             | S006619 | CPUTK00 |
|             | S006611 | CUTSK00 |
|             | S006610 | CPUTK00 |
|             | S006609 | CPRRK00 |
|             | S006608 | CINSK00 |
|             | S006582 | CPRRK00 |
|             | S006497 | CINSK00 |
|             | S006485 | CSQ2100 |
| CAR1812     | S006494 | CSQ2100 |
|             | S006443 | CPRFK00 |
|             | S006335 | CPSAK00 |
|             | S006334 | CPDTK00 |
|             | S006333 | CIDBK00 |
|             | S006286 | CINSK00 |
|             | S006275 | CRCQK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S006237 | CPDTK00 |
|             | S006132 | CUGRK00 |
|             | S006131 | CRCXK00 |
|             | S006130 | CRCUK00 |
|             | S006129 | CRCSK00 |
|             | S006128 | CRCQK00 |
|             | S006127 | CPUTK00 |
|             | S006126 | CPSAK00 |
|             | S006125 | CPRRK00 |
|             | S006122 | CPRFK00 |
|             | S006121 | CPRAK00 |
|             | S006120 | CPPAK00 |
|             | S006119 | CPLAK00 |
|             | S006118 | CPFUK00 |
|             | S006117 | CPFLK00 |
|             | S006116 | CPDTK00 |
|             | S006115 | CPDAK00 |
|             | S006114 | COFSK00 |
|             | S006113 | CINSK00 |
|             | S006112 | CIDBK00 |
| CAR1811     | S006069 | CUGRK00 |
|             | S006068 | CPUTK00 |
|             | S006067 | CINSK00 |
|             | S006064 | CPUTK00 |
|             | S006007 | CINSK00 |
|             | S005873 | CINSK00 |
|             | S005700 | CPUTK00 |
| CAR1810     | S005503 | CPFUK00 |
|             | S005502 | CPFLK00 |
|             | S005337 | CUGRK00 |
|             | S005308 | CSQ2100 |
|             | S005280 | CINSK00 |
|             | S005266 | CINSK00 |
|             | S005199 | CINSK00 |
| CAR1809     | S005237 | CINSK00 |
|             | S005102 | CPUTK00 |
|             | S005101 | CPFUK00 |
|             | S005081 | CPFLK00 |
|             | S005070 | CINSK00 |
|             | S005018 | CUGRK00 |
|             | S005017 | CTGRK00 |
|             | S005016 | CPUTK00 |
|             | S005015 | CPRRK00 |
|             | S005014 | CPLAK00 |
|             | S005013 | CPFUK00 |
|             | S005012 | CPFLK00 |
|             | S005011 | CINSK00 |



| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S005010 | CIDBK00 |
|             | S004949 | CPUTK00 |
|             | S004948 | CPDAK00 |
|             | S004947 | CINSK00 |
|             | S004857 | CPFLK00 |
|             | S004856 | CRCMK00 |
|             | S004855 | CINSK00 |
|             | S004799 | CUGRK00 |
|             | S004798 | CPUTK00 |
|             | S004797 | CPRRK00 |
|             | S004796 | CPRAK00 |
|             | S004795 | CPLAK00 |
|             | S004794 | CINSK00 |
|             | S004757 | CPDTK00 |
|             | S004756 | CINSK00 |
| CAR1808     | S004720 | CRCUK00 |
|             | S004719 | CRCMK00 |
|             | S004718 | CINSK00 |
|             | S004475 | CUGRK00 |
|             | S004474 | CTGRK00 |
|             | S004473 | CRCXK00 |
|             | S004472 | CRCUK00 |
|             | S004471 | CRCQK00 |
|             | S004470 | CRCMK00 |
|             | S004469 | CPUTK00 |
|             | S004468 | CPSAK00 |
|             | S004467 | CPRRK00 |
|             | S004464 | CPRFK00 |
|             | S004463 | CPRAK00 |
|             | S004462 | CPPAK00 |
|             | S004461 | CPLAK00 |
|             | S004460 | CPFUK00 |
|             | S004459 | CPFLK00 |
|             | S004458 | CPDTK00 |
|             | S004457 | CPDAK00 |
|             | S004456 | COFSK00 |
|             | S004455 | CINSK00 |
|             | S004454 | CIDBK00 |
|             | S004437 | CRCQK00 |
|             | S004275 | CPFLK00 |
| CAR1807     | S004251 | CUGRK00 |
|             | S004250 | CINSK00 |
|             | S004249 | CUGRK00 |
|             | S004248 | CPUTK00 |
|             | S004247 | CPRRK00 |
|             | S004246 | CPRAK00 |
|             | S004245 | CPLAK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S004244 | CINSK00 |
|             | S004155 | CSQ2100 |
|             | S004129 | CINSK00 |
|             | S004048 | CUGRK00 |
|             | S004010 | CPDAK00 |
|             | S003992 | CPUTK00 |
|             | S003965 | CINSK00 |
|             | S003960 | CPDTK00 |
|             | S003959 | CINSK00 |
|             | S003942 | CPDTK00 |
|             | S003861 | CPFLK00 |
|             | S003860 | CINSK00 |
|             | S003844 | CPUTK00 |
|             | S003843 | CINSK00 |
| CAR1806     | S003816 | CUGRK00 |
|             | S003815 | CPUTK00 |
|             | S003814 | CINSK00 |
|             | S003677 | CUGRK00 |
|             | S003676 | CTGRK00 |
|             | S003587 | CINSK00 |
|             | S001905 | CINSK00 |
|             | S001896 | CINSK00 |
|             | S001855 | CUGRK00 |
|             | S001819 | CUGRK00 |
|             | S001818 | CPFUK00 |
|             | S001670 | CRCSK00 |
|             | S001641 | CPLAK00 |
| CAR1805     | S001712 | CUGRK00 |
|             | S001711 | CPUTK00 |
|             | S001668 | CUGRK00 |
|             | S001667 | CPLAK00 |
|             | S001666 | COFSK00 |
|             | S001665 | CINSK00 |
|             | S001664 | CIDBK00 |
|             | S001660 | CUGRK00 |
|             | S001659 | CPUTK00 |
|             | S001658 | CPRRK00 |
|             | S001657 | CPFUK00 |
|             | S001656 | CPFLK00 |
|             | S001655 | CINSK00 |
|             | S001635 | CPSAK00 |
|             | S001418 | CUGRK00 |
|             | S001417 | CTGRK00 |
|             | S001416 | CRCXK00 |
|             | S001415 | CRCUK00 |
|             | S001414 | CRCQK00 |
|             | S001413 | CRCMK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S001412 | CPXNK00 |
|             | S001411 | CPUTK00 |
|             | S001410 | CPSAK00 |
|             | S001409 | CPRRK00 |
|             | S001406 | CPRFK00 |
|             | S001405 | CPRAK00 |
|             | S001404 | CPPAK00 |
|             | S001403 | CPLAK00 |
|             | S001402 | CPFUK00 |
|             | S001401 | CPFLK00 |
|             | S001400 | CPDTK00 |
|             | S001399 | CPDAK00 |
|             | S001398 | CPBAK00 |
|             | S001397 | COFSK00 |
|             | S001396 | CINSK00 |
|             | S001395 | CIDBK00 |
| CAR1804     | S000978 | CINSK00 |
|             | S000977 | CSQ2100 |
|             | S000975 | CPLAK00 |
|             | S000894 | CUGRK00 |
|             | S000893 | CPUTK00 |
|             | S000871 | CPSAK00 |
|             | S000849 | CSQ2100 |
|             | S000848 | CUTSK00 |
|             | S000847 | CPUTK00 |
|             | S000846 | CPRRK00 |
|             | S000845 | CINSK00 |
|             | S000788 | CUGRK00 |
|             | S000787 | CPUTK00 |
|             | S000786 | CPRRK00 |
|             | S000785 | CINSK00 |
|             | S000704 | CPFLK00 |
|             | S000631 | CSQ2100 |
|             | S000081 | CPFLK00 |
| CAR1803     | S000616 | CRCUK00 |
|             | S000423 | CPDTK00 |
|             | S000343 | CINSK00 |
|             | S000295 | CPFUK00 |
|             | S000263 | CPDTK00 |
| CAR1802     | S000201 | CUGRK00 |
|             | S000077 | CIDBK00 |
|             | S000029 | CUGRK00 |
|             | S000028 | CTGRK00 |
|             | S000027 | CRCXK00 |
|             | S000026 | CRCUK00 |
|             | S000025 | CRCQK00 |
|             | S000024 | CPUTK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S000023 | CPRRK00 |
|             | S000022 | CPRAK00 |
|             | S000021 | CPPAK00 |
|             | S000020 | CPLAK00 |
|             | S000019 | CPFUK00 |
|             | S000018 | CPFLK00 |
|             | S000017 | CPDAK00 |
|             | S000016 | CINSK00 |
|             | S000015 | CIDBK00 |
|             | R099980 | CPDTK00 |
|             | R099979 | CINSK00 |
|             | R099968 | CSQ2100 |
|             | R099946 | CPDTK00 |
|             | R099899 | CSQ2100 |
| CAR1801     | R099853 | CRCXK00 |
|             | R099748 | CINSK00 |
|             | R099574 | CUGRK00 |
|             | R099573 | CTGRK00 |
|             | R099572 | CRCXK00 |
|             | R099571 | CRCUK00 |
|             | R099570 | CRCXK00 |
|             | R099569 | CRCQK00 |
|             | R099568 | CRCMK00 |
|             | R099567 | CPXNK00 |
|             | R099566 | CPUTK00 |
|             | R099565 | CPSAK00 |
|             | R099562 | CPRFK00 |
|             | R099561 | CPRAK00 |
|             | R099560 | CPPAK00 |
|             | R099559 | CPLAK00 |
|             | R099558 | CPFUK00 |
|             | R099557 | CPFLK00 |
|             | R099556 | CPDTK00 |
|             | R099555 | CPDAK00 |
|             | R099554 | COFSK00 |
|             | R099553 | CINSK00 |
|             | R099552 | CIDBK00 |
| CAR1712     | R099195 | CPRFK00 |
|             | R098970 | CUTSK00 |
|             | R098969 | CPUTK00 |
|             | R098968 | CPRRK00 |
|             | R098967 | CINSK00 |
|             | R098859 | CINSK00 |
|             | R098853 | CPDTK00 |
|             | R098430 | CPSAK00 |
|             | R098429 | CPDTK00 |
|             | R098428 | CIDBK00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR1711     | R098496 | CPRFK00 |
|             | R098251 | CPSAK00 |
|             | R098088 | CPDTK00 |
|             | R098087 | CINSK00 |
| CAR1710     | R098041 | CSQ2100 |
|             | R097923 | CPDTK00 |
|             | R097922 | CINSK00 |
|             | R097825 | CPSAK00 |
|             | R097824 | CPDTK00 |
|             | R097823 | CINSK00 |
|             | R097722 | CUGRK00 |
|             | R097721 | CRCUK00 |
|             | R097720 | CRCSK00 |
|             | R097719 | CRCQK00 |
|             | R097718 | CRCMK00 |
|             | R097717 | CPUTK00 |
|             | R097716 | CPSAK00 |
|             | R097715 | CPRRK00 |
|             | R097712 | CPRFK00 |
|             | R097711 | CPRAK00 |
|             | R097710 | CPPAK00 |
|             | R097709 | CPLAK00 |
|             | R097708 | CPFLK00 |
|             | R097707 | CPDTK00 |
|             | R097706 | CPDAK00 |
|             | R097705 | COFSK00 |
|             | R097704 | CINSK00 |
|             | R097703 | CIDBK00 |
| CAR1709     | R097683 | CIDBK00 |
|             | R097376 | CSQ2100 |
| CAR1708     | R097169 | CSQ2100 |
|             | R097090 | CSQ2100 |
|             | R096595 | CUGRK00 |
|             | R096594 | CRCUK00 |
|             | R096593 | CRCQK00 |
|             | R096592 | CRCMK00 |
|             | R096591 | CPXNK00 |
|             | R096590 | CPUTK00 |
|             | R096589 | CPSAK00 |
|             | R096588 | CPRRK00 |
|             | R096585 | CPRFK00 |
|             | R096584 | CPPAK00 |
|             | R096583 | CPLAK00 |
|             | R096582 | CPFUK00 |
|             | R096581 | CPFLK00 |
|             | R096580 | CPDTK00 |
|             | R096579 | CPDAK00 |

| CA RS<br>Level | Service | FMID    |
|----------------|---------|---------|
|                | R096578 | CPBAK00 |
|                | R096577 | COFSK00 |
|                | R096576 | CINSK00 |
|                | R096575 | CIDBK00 |
| CAR1707        | R096495 | CSQ2100 |
|                | R096401 | CUTSK00 |
| CAR1706        | R096169 | CPSAK00 |
|                | R096168 | CPDTK00 |
|                | R096167 | CINSK00 |
|                | R096162 | CPDAK00 |
|                | R096102 | CSQ2100 |
|                | R096005 | CUTSK00 |
|                | R096002 | CUGRK00 |
|                | R095972 | CUTSK00 |
|                | R095918 | CUTSK00 |