

Service	Description	Type
S014642	LOOP IN NUHSORPH AFTER S014016	** PRP **
S014655	INVALID DELIMITING OF RUN OPTIONS IN EXTERNAL PROCEDURE DDL	PTF
S014675	MODIFY THE 'INTERVAL' PARM OF PRFCNVRT TO A NON-ZERO VALUE	PTF
S014680	OC4 WHEN STORED PROCEDURES TERMINATE PREMATURELY.	PTF
S014681	TABLESPACE TYPE INCORRECT FOR PBR AND PBG	PTF
S014694	SOC4-04 IN FLLRM2+8D2 AFTER S014433 FOR CLASSIC SEGMENTED TS	** PRP **
S014716	TABLESPACE DROP/CREATED WHEN REDUCING MAXPARTITION	PTF
S014721	PTT: ABEND IN TT\$RP2 ROUTINE/POSSIBLE STORAGE OVERLAY IN DB2	*HIP/PRP*
S014731	STATISTICS COLLECTION FAILS AFTER DROPPED COLUMNS	PTF
S014732	STATISTICS COLLECTION FAILS AFTER DROPPED COLUMNS	PTF
S014754	SUPPORT FOR NEW DB2 SYSPARMS IN IFCID 106	PTF
S014756	XMANAGER/DETECTOR TASK ABENDS OD6 IN PXMQUE	** PRP **
S014771	ZIIP SUPPORT FOR OUTPUT-CONTROL BUILD	PTF
S014772	ZIIP SUPPORT FOR OUTPUT-CONTROL BUILD	PTF
S014773	ZIIP SUPPORT FOR OUTPUT-CONTROL BUILD	PTF
S014782	DETECTOR DOESN'T START WITH OPTION BUFSINPRVT(Y)	PTF
S014827	%DATE BP SYMBOLIC RESOLVES THE CENTURY COMPONENT INCORRECTLY	PTF
S014832	SUPPORT FOR PAGENUM RELATIVE ALTERS	PTF
S014833	SUPPORT FOR PAGENUM RELATIVE ALTERS	PTF
S014835	SQLCODE -551 WHEN ACCESSING UTILITY PROFILE SERVICES	PTF
S014836	SQLCODE -551 WHEN ACCESSING UTILITY PROFILE SERVICES	PTF
S014842	FIX TRUNCATION PROBLEM IN PRFE PROGRAM	PTF
S014843	HIGH CPU AFTER S014642	** PRP **
S014853	SUPPORT THREAD HISTORY DETAIL MENU FOR MODEL2 DISPLAY	** PRP **
S014859	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
S014860	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
S014861	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
S014863	ICTYPE=L ROW PREVENTS RECOVER	PTF
S014864	CICS TRANSACTION SERVER 5.6 - SUPPORT ENHANCEMENT	PTF
S014865	ENHANCED DATA COLLECTION FOR RECOVER STATISTICS IN ADOR	PTF
S014866	ENHANCED DATA COLLECTION FOR RECOVER STATISTICS IN ADOR	PTF
S014874	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
S014876	ONLINE REORG TABLESPACE MODEL OREORGTS INACTIVE BY DEFAULT	PTF
S014883	CORRECT ZHYPERLINK CPU TIME ON HISTORY REPORTS	PTF
S014899	ICL-DDL GENERATES TRIGGER COMMENT TEXT WITH LEFT PAREN ONLY	PTF
S014901	ERRORS WITH FIELDPROC OR NATIONAL CHARS IN DB2 IDENTIFIERS	** PRP **
S014902	QUICK EXPLAIN REGULAR MODE USES WRONG TARGET SSID	PTF
S014923	SUPPORT FOR NEW SYSPARM TO CONTROL COLLECTION OF SQL STATS	PTF
S014949	DDL REDO/UNDO REPORT GENERATED SQL FAIL WITH SQLCODE -104	PTF
S014984	S878 WITH MANY PFU INVOCATIONS IN A SINGLE STEP	PTF
The CA RS 2010 service count for this release is 40		

CA DB2 Tools
CA RS 2010 Service List for CIDBK00

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FMID	Service	Description	Type
CIDBK00	S014642	LOOP IN NUHSORPH AFTER S014016	** PRP **
	S014754	SUPPORT FOR NEW DB2 SYSPARMS IN IFCID 106	PTF
	S014843	HIGH CPU AFTER S014642	** PRP **
	S014853	SUPPORT THREAD HISTORY DETAIL MENU FOR MODEL2 DISPLAY	** PRP **
	S014864	CICS TRANSACTION SERVER 5.6 - SUPPORT ENHANCEMENT	PTF
	S014883	CORRECT ZHYPERLINK CPU TIME ON HISTORY REPORTS	PTF
	S014923	SUPPORT FOR NEW SYSPARM TO CONTROL COLLECTION OF SQL STATS	PTF
The CA RS 2010 service count for this FMID is 7			

CA DB2 Tools
CA RS 2010 Service List for CINSK00

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FMID	Service	Description	Type
CINSK00	S014716	TABLESPACE DROP/CREATED WHEN REDUCING MAXPARTITION	PTF
	S014721	PTT: ABEND IN TT\$RP2 ROUTINE/POSSIBLE STORAGE OVERLAY IN DB2	*HIP/PRP*
	S014731	STATISTICS COLLECTION FAILS AFTER DROPPED COLUMNS	PTF
	S014756	XMANAGER/DETECTOR TASK ABENDS OD6 IN PXMQUE	** PRP **
	S014771	ZIIP SUPPORT FOR OUTPUT-CONTROL BUILD	PTF
	S014827	%DATE BP SYMBOLIC RESOLVES THE CENTURY COMPONENT INCORRECTLY	PTF
	S014832	SUPPORT FOR PAGENUM RELATIVE ALTERS	PTF
	S014835	SQLCODE -551 WHEN ACCESSING UTILITY PROFILE SERVICES	PTF
	S014859	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	S014865	ENHANCED DATA COLLECTION FOR RECOVER STATISTICS IN ADOR	PTF
	S014874	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	S014876	ONLINE REORG TABLESPACE MODEL OREORGTS INACTIVE BY DEFAULT	PTF
	S014899	ICL-DDL GENERATES TRIGGER COMMENT TEXT WITH LEFT PAREN ONLY	PTF
	S014901	ERRORS WITH FIELDPROC OR NATIONAL CHARS IN DB2 IDENTIFIERS	** PRP **
The CA RS 2010 service count for this FMID is 14			

CA DB2 Tools
CA RS 2010 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	SO14655	INVALID DELIMITING OF RUN OPTIONS IN EXTERNAL PROCEDURE DDL	PTF
The CA RS 2010 service count for this FMID is 1			

CA DB2 Tools
CA RS 2010 Service List for CPBAK00

FMID	Service	Description	Type
CPBAK00	S014836	SQLCODE -551 WHEN ACCESSING UTILITY PROFILE SERVICES	PTF
The CA RS 2010 service count for this FMID is 1			

CA DB2 Tools
CA RS 2010 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	SO14732	STATISTICS COLLECTION FAILS AFTER DROPPED COLUMNS	PTF
The CA RS 2010 service count for this FMID is 1			

CA DB2 Tools
CA RS 2010 Service List for CPDTK00

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FMID	Service	Description	Type
CPDTK00	SO14680	OC4 WHEN STORED PROCEDURES TERMINATE PREMATURELY.	PTF
	SO14782	DETECTOR DOESN'T START WITH OPTION BUFSINPRVT(Y)	PTF
	SO14860	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
The CA RS 2010 service count for this FMID is 3			

CA DB2 Tools
CA RS 2010 Service List for CPFLK00

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FMID	Service	Description	Type
CPFLK00	S014694	SOC4-04 IN FLLRM2+8D2 AFTER S014433 FOR CLASSIC SEGMENTED TS	** PRP **
	S014772	ZIIP SUPPORT FOR OUTPUT-CONTROL BUILD	PTF
The CA RS 2010 service count for this FMID is 2			

CA DB2 Tools
CA RS 2010 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	S014984	S878 WITH MANY PFU INVOCATIONS IN A SINGLE STEP	PTF
The CA RS 2010 service count for this FMID is 1			

CA DB2 Tools
CA RS 2010 Service List for CPLAK00

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FMID	Service	Description	Type
CPLAK00	S014866	ENHANCED DATA COLLECTION FOR RECOVER STATISTICS IN ADOR	PTF
	S014949	DDL REDO/UNDO REPORT GENERATED SQL FAIL WITH SQLCODE -104	PTF
The CA RS 2010 service count for this FMID is 2			

CA DB2 Tools
CA RS 2010 Service List for CPPAK00

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FMID	Service	Description	Type
CPPAK00	SO14902	QUICK EXPLAIN REGULAR MODE USES WRONG TARGET SSID	PTF
The CA RS 2010 service count for this FMID is 1			

CA DB2 Tools
CA RS 2010 Service List for CPRFK00

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FMID	Service	Description	Type
CPRFK00	S014675	MODIFY THE 'INTERVAL' PARM OF PRFCNVRT TO A NON-ZERO VALUE	PTF
	S014842	FIX TRUNCATION PROBLEM IN PRFE PROGRAM	PTF
The CA RS 2010 service count for this FMID is 2			

CA DB2 Tools
CA RS 2010 Service List for CPSAK00

FMID	Service	Description	Type
CPSAK00	S014681	TABLESPACE TYPE INCORRECT FOR PBR AND PBG	PTF
	S014861	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
The CA RS 2010 service count for this FMID is 2			

CA DB2 Tools
CA RS 2010 Service List for CPUTK00

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FMID	Service	Description	Type
CPUTK00	S014773	ZIIP SUPPORT FOR OUTPUT-CONTROL BUILD	PTF
The CA RS 2010 service count for this FMID is 1			

CA DB2 Tools
CA RS 2010 Service List for CRCUK00

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FMID	Service	Description	Type
CRCUK00	S014833	SUPPORT FOR PAGENUM RELATIVE ALTERS	PTF
The CA RS 2010 service count for this FMID is 1			

CA DB2 Tools
CA RS 2010 Service List for CUGRK00

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FMID	Service	Description	Type
CUGRK00	SO14863	ICTYPE=L ROW PREVENTS RECOVER	PTF
The CA RS 2010 service count for this FMID is 1			

Service	Details
SO14642	SO14642 M.C.S. ENTRIES = ++PTF (SO14642) LOOP IN NUHSORPH AFTER SO14016 PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) may encounter a loop in module NUHSORPH or NUHSTLOG after applying PTF SO14016. SYMPTOMS: High CPU usage by the data collector. New accounting data not being written to history. IMPACT: The loop can affect overall system performance. History data is lost. CIRCUMVENTION: Back out PTF SO14016 PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2520 Copyright (C) 2020 CA. All rights reserved. R01074-D200-SP1 DESC (LOOP IN NUHSORPH AFTER SO14016). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R098428 R099552 S001395 S004454 S006112 S006333 S006862 S006977 S007806 S008846 S010160 S010906 S011693 S011977 S012428 S012769 S013557 S013891 S014016 S014099) SUP (AS14016 R097683 S013032 ST05936 ST10533 ST13032 ST13775 ST14642 TR97683 TR98366) ++HOLD (SO14642) SYSTEM FMID(CIDBK00) REASON (RESTART) DATE (20247) COMMENT (<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 * ***** </pre>

Service	Details
	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.). CSECT (AMX99M) . CSECT (NALDSOM) . CSECT (NUHSTIOC,NUHSTIOM) . CSECT (NUHSTLOM) . CSECT (NUHSTRDC,NUHSTRDM) .

Service	Details				
SO14655	SO14655 M.C.S. ENTRIES = ++PTF (SO14655) INVALID DELIMITING OF RUN OPTIONS IN EXTERNAL PROCEDURE DDL PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), Object Framework Services (OFS) generates invalid RUN OPTIONS value in CREATE PROCEDURE DDL. SYMPTOMS: RUN OPTIONS attribute of CREATE PROCEDURE DDL has inappropriate delimiting of the value. IMPACT: DDL is not executable. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <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> </table> Related Problem: OFS 700 Copyright (C) 2020 CA. All rights reserved. R01075-D200-SP1 DESC(INVALID DELIMITING OF RUN OPTIONS IN EXTERNAL PROCEDURE DDL). ++VER (Z038) FMID (COFSK00) PRE (R096577 R097705 R099554 S001397 S006114 S006864 S007808 S011967) SUP (S009128 S013758 ST09128 ST13758 ST14655)	CA Database Management Solutions for DB2 for z/OS	Version 20.0	CA RC/Query 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				

Service	Details
SO14675	SO14675 M.C.S. ENTRIES = ++PTF (SO14675) The following items are included in this solution: 1. MODIFY THE 'INTERVAL' PARM OF PRFCNVRT TO A NON-ZERO VALUE 2. UPDATE OF PLAN NAMES IN SYSTEM PROFILE 3. UPDATE OF THE QUERIES IN PRFQUERY OF CDBASQL LIBRARY. ===== MODIFY THE 'INTERVAL' PARM OF PRFCNVRT TO A NON-ZERO VALUE ENHANCEMENT DESCRIPTION: CA Report Facility (PRF) has a Post-Install batch utility named PRFCNVRT, which users run to move from one product release to another - for example r19 to r20. The utility has a parameter named INTERVAL (n), that specifies how often the newly converted objects are committed to the target installation. Here, 'n' specifies the number of object modifications (insert, delete, or update) after which CA Report Facility issues a DB2 commit. The INTERVAL parameter is specified on the 'Report Facility Conversion' Post-install screen with a default of 0 - which specifies that SQL commits do not occur at regular intervals and this results in a SQL error -497 and failure of the PRFCNVRT job. With this maintenance, the default value of the INTERVAL parameter in the PRFCNVRT utility execution has been set to 100. This change has been done for the 'Report Facility Conversion' Post-install screen and in the PRFSMCNV member of the CDBASAMP library. PRODUCT(S) AFFECTED: CA Report Facility Version 20.0 Related Problem: BIPRF 723 ===== UPDATE OF PLAN NAMES IN SYSTEM PROFILE ENHANCEMENT DESCRIPTION: CA Report Facility (PRF) has undergone a maintenance to update the Db2 Plan names in System Profile, while we run the PRFCNVRT utility to move one product release to another. During the execution of PRFCNVRT utility, the plan names on 'CA Report Facility Environment Controls' and 'CA Report Facility Datasets/Batch controls' screens for the target (current) release are updated with the plan names of the source (previous) release. With this maintenance, the plan names for the target (current) release on the above two screens will be updated by the plan name used for the execution of the PRFCNVRT utility. PRODUCT(S) AFFECTED: CA Report Facility Version 20.0 Related Problem: BIPRF 725 ===== UPDATE OF THE QUERIES IN PRFQUERY OF CDBASQL LIBRARY. ENHANCEMENT DESCRIPTION: Sample queries in PRFQUERY member of the CDBASQL library are updated. Queries are compatible with the final version of the PRF tables. The list of modified SQL queries is: PTPRF_LIB_FORMS PTPRF_LIB_QUERIES PTPRF_NOQUERY_FORM. PRODUCT(S) AFFECTED: Report Facility Release 20.0 Related Problem:

Service	Details
	BIPRF 726 Copyright (C) 2020 CA. All rights reserved. R01077-D200-SP1 DESC(MODIFY THE 'INTERVAL' PARM OF PRFCNVRT TO A NON-ZERO VALUE) . ++VER (Z038) FMID (CPRFK00) PRE (R097712 R099195 R099562 S001406 S004464 S006443 S011296) SUP (ST14675)

Service	Details																						
SO14680	SO14680 M.C.S. ENTRIES = ++PTF (SO14680) OC4 WHEN STORED PROCEDURES TERMINATE PREMATURELY. PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may cause threads to abend when stored procedures that are running under the thread terminate prematurely. SYMPTOMS: The thread abends with an OC4 DQ12,ABND=OC4-00000004,U=xxxxxxx,M=C ,C=121.LOCN ssid IMPACT: Though the thread terminates with an OC4, the impact is low because the thread was terminating prematurely. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1711 Copyright (C) 2020 CA. All rights reserved. R01078-D200-SP1 DESC(OC4 WHEN STORED PROCEDURES TERMINATE PREMATURELY.). ++VER (Z038) FMID (CPDTK00) PRE (R096168 R096580 R097707 R098429 R099556 S000263 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S007988 S008129 S008323 S008789 S009065 S010018 S010538 S010908 S011694 S011983 S012538 S012921 S013889 S014338) SUP (AS06334 AS08129 AS13450 R099946 S000423 S006838 S008446 S009828 S010492 S010652 S013450 S013655 ST00423 ST06838 ST08446 ST09828 ST10492 ST10652 ST13450 ST13655 ST14680 TR99946) ++HOLD (SO14680) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (20254) COMMENT (<table border="1"> <tr> <td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>Before Apply</td></tr> <tr> <td>PURPOSE</td><td>Avoidance of module mismatch related errors in an Xmanager</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>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>ACCESS</td><td>1. Product runtime libraries.</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> *****	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	
CA Detector for DB2 for z/OS	Version 20.0																						
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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
SO14681	SO14681 M.C.S. ENTRIES = ++PTF (SO14681) TABLESPACE TYPE INCORRECT FOR PBR AND PBG PROBLEM DESCRIPTION: CA Subsystem Analyzer for DB2 for z/OS (PSA) currently does not support partition-by-range (PBR) and partition-by-growth (PBG) tablespaces. SYMPTOMS: An incorrect TYPE may be displayed when viewing tablespace details in Subsystem Analyzer. IMPACT: Subsystem Analyzer will display an incorrect tablespace TYPE for PBR and PBG tablespaces. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS R20.0 Related Problem: PSA 536 Copyright (C) 2020 CA. All rights reserved. R01079-D200-SP1 DESC(TABLESPACE TYPE INCORRECT FOR PBR AND PBG). ++VER (Z038) FMID (CPSAK00) PRE (R097716 R098251 S000871 S004468 S006126 S006873 S007819 S009267 S010867 S011345 S011625 S012926) SUP (BC97645 S007204 S008123 S008190 S009432 S010955 ST06385 ST07204 ST08123 ST08190 ST09432 ST10955 ST14681) ++HOLD (SO14681) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (20259) COMMENT (<pre> +-----+ CA Subsystem Analyzer 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. </pre>

Service	Details
	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.). CSECT (SA#BTUCC,SA#BTU) .

Service	Details
SO14694	SO14694 M.C.S. ENTRIES = ++PTF (SO14694) SOC4-04 IN FLLRM2+8D2 AFTER SO14433 FOR CLASSIC SEGMENTED TS PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) may terminate with an SOC4-04 abend in FLLRM2 at offset x'8D2'. This happens when running a LOAD RESUME on a table that resides in a multi-table classic segmented (non-UTS) tablespace and PTF SO14433 is applied. SYMPTOMS: A symptom dump similar to this one is produced by the PFL job: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000004 TIME=03.19.36 SEQ=20843 CPU=0000 ASID=0395 PSW AT TIME OF ERROR 078C2000 BB2EF8D2 ILC 6 INTC 04 ACTIVE MODULE ADDRESS=00000000_3B2EF000 OFFSET=000008D2 NAME=FLLRM2 DATA AT PSW 3B2EF8CC - D2011004 D10E947F 10049680 AR/GR 0: 00000000/00000000_00000001 1: 00000000/00000000_00000000 2: FFFFFFFF/00000000_3B4F5D12 3: FFFFFFFF/00000000_3B4EF024 4: FFFFFFFF/FFFFFFF_3B4CE000 5: FFFFFFFF/FFFFFFF_3B4CE00C 6: FFFFFFFF/FFFFFFF_3B49600C 7: FFFFFFFF/00000000_3B4EF024 8: FFFFFFFF/FFFFFFF_00000000 9: FFFFFFFF/FFFFFFF_3B2B3030 A: FFFFFFFF/00000000_3B2BC6A8 B: FFFFFFFF/00000000_3B2EF000 C: FFFFFFFF/FFFFFFF_3B2EF898 D: FFFFFFFF/00000000_3B49600C E: 00000000/00000000_BB2EF874 F: 00000000/00000000_3B2BC6A8 The following messages are printed in the PTIMSG output: PFL3005E - Tablespace task processing abended PFL3004E - Task ECB X'000C4000' Return Code: X'00000004' PFL0208E - Datasets did not load successfully - RECOVERY required before RESTART IMPACT: The job abends. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1301 Copyright (C) 2020 CA. All rights reserved. R01080-D200-SP1 DESC(SOC4-04 IN FLLRM2+8D2 AFTER SO14433 FOR CLASSIC SEGMENTED TS). ++VER (Z038) FMID (CPFLK00) PRE (R096581 R097708 S000018 S000081 S004459 S005012 S006117 S006866 S011325 S011996 S012150 S013066 S013175 S013203 S014031) SUP (AS09180 AS13203 AS14433 S009180 S009378 S014025 S014433 ST05071 ST09180 ST09378 ST14018 ST14025 ST14433 ST14694)

Service	Details
SO14716	SO14716 M.C.S. ENTRIES = ++PTF (SO14716) TABSPACE DROP/CREATED WHEN REDUCING MAXPARTITION PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the analysis generates DDL to drop/create the tablespace instead of an alter, if the following conditions are true: 1) The alter is on a PBG universal tablespace. 2) The maxpartition is reduced. 3) The new maxpartiton is >= # of physical partitions that are already allocated for the tablespace. SYMPTOMS: The PBG universal tablespace is dropped and recreated. IMPACT: A DB2 alter is expected, but the tablespace is unnecessarily dropped and recreated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3074 Copyright (C) 2020 CA. All rights reserved. R01083-D200-SP1 DESC(TABSPACE DROP/CREATED WHEN REDUCING MAXPARTITION). ++VER (Z038) FMID (CINSK00) PRE (R096576 R099553 S004455 S006113 S007807 S012361 S012933) SUP (ST14716)

Service	Details																																
SO14721	SO14721 M.C.S. ENTRIES = ++PTF (SO14721) PTT: ABEND IN TT\$RP2 ROUTINE/POSSIBLE STORAGE OVERLAY IN DB2 PROBLEM DESCRIPTION: CA Thread Termination/Dynamic ZPARM for DB2 for z/OS (PTT) may access the incorrect DB2 address space after PTF SO12396 has been applied. This may cause a SOC1 or SOC4 abend to occur when any CA Database Management Solutions for DB2 for z/OS product is accessed. In addition, if a ZPARM, a DECP parameter, or an IRLM parameter is updated using PTT, an active log is added with PTT, or an exit routine is replaced with PTT, a storage overlay may occur in the DB2 DBM1, DB2 MSTR, or DB2 IRLM address space. SYMPTOMS: An SVC dump with the following title is generated: TITLE=PTT: ABEND IN TT\$RP2 ROUTINE A storage overlay occurs in the DB2 DBM1, DB2 MSTR, or DB2 IRLM address space, leading to erroneous DB2 behavior. IMPACT: Simply accessing the CA Database Management Solutions for DB2 for z/OS may cause an SVC dump to be generated. Making updates with PTT may cause a storage overlay in the DB2 DBM1, DB2 MSTR, or DB2 IRLM address space, resulting in erroneous DB2 behavior. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PTT 364 Copyright (C) 2020 CA. All rights reserved. R01085-D200-SP1 DESC(PTT: ABEND IN TT\$RP2 ROUTINE/POSSIBLE STORAGE OVERLAY IN DB2). ++VER (Z038) FMID (CINSK00) PRE (SO12396) SUP (BS12396 ST14715 ST14721) ++HOLD (SO14721) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20248) COMMENT (<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> </table>)	+-----+			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.
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ACCESS	1. Product runtime libraries.																																

Service	Details
	<pre> 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 compromise the operating system/DB2 including possible failures.).</pre>

Service	Details
SO14731	SO14731 M.C.S. ENTRIES = ++PTF (SO14731) STATISTICS COLLECTION FAILS AFTER DROPPED COLUMNS PROBLEM DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) Extract Procedure execution can fail during Statistics collection when table columns have been dropped. SYMPTOMS: - The Job finishes with RC 8. - The following message is printed to the JESMSG LG DD: CA VREX: Error occurred while processing CA VREX: DBNAME=<database> TSNAME=<tablespace> CA VREX.BLD: Unknown from/to column data type pair !!! - The following message is printed to the PTIMSG DD: Collection of xx - xxxxxxxx.xxxxxx.xxxx - Started Collection of xx - xxxxxxxx.xxxxxx.xxxx - RC0811 IMPACT: PDA Statistics collection fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Analyzer for DB2 for z/OS Version 20.0 Related Problem: PDA 1367 Copyright (C) 2020 CA. All rights reserved. R01086-D200-SP1 DESC(STATISTICS COLLECTION FAILS AFTER DROPPED COLUMNS). ++VER (Z038) FMID (CINSK00) PRE (R096576 S000016 S001396 S005011 S009022 S011234 S014029 S014500) SUP (ST14731) ++IF FMID(CPDAK00) REQ(SO14732) . CSECT(RAASSTB,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
S014732	S014732 M.C.S. ENTRIES = ++PTF (S014732) STATISTICS COLLECTION FAILS AFTER DROPPED COLUMNS PROBLEM DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) Extract Procedure execution can fail during Statistics collection when table columns have been dropped. SYMPTOMS: - The Job finishes with RC 8. - The following message is printed to the JESMSG LG DD: CA VREX: Error occurred while processing CA VREX: DBNAME=<database> TSNAME=<tablespace> CA VREX.BLD: Unknown from/to column data type pair !!! - The following message is printed to the PTIMSG DD: Collection of xx - xxxxxxxx.xxxxxxx.xxxx - Started Collection of xx - xxxxxxxx.xxxxxxx.xxxx - RC0811 IMPACT: PDA Statistics collection fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Analyzer for DB2 for z/OS Version 20.0 Related Problem: PDA 1367 Copyright (C) 2020 CA. All rights reserved. R01086-D200-SP1 DESC(STATISTICS COLLECTION FAILS AFTER DROPPED COLUMNS). ++VER (Z038) FMID (CPDAK00) PRE (R096579 S000017 S001399 S009023 S014030) SUP (ST08903 ST14732) ++IF FMID(CINSK00) REQ(S014500 S014731) . CSECT(RAAPDSP,CMDTABLE) .

Service	Details
SO14754	SO14754 M.C.S. ENTRIES = ++PTF (SO14754) SUPPORT FOR NEW DB2 SYSPARMS IN IFCID 106 Enhancement description: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) introduces support for the following new DB2 SYSPARMS: 1. STATIME_MAIN - Statistics records collection interval. 2. DISALLOW_SSARAUTH - Block setting DB2 as secondary address space. 3. UTILS_BLOCK_FOR_CDC - Block certain utilities for CDC (Change Data Capture). For the following SYSPARMS the support of new options is added: 1. QUERY_ACCEL_OPTIONS: - Offload balances workload between versions. - Offload uses only new accelerator type. 2. INDEX_MEMORY_CONTROL: - Index Memory Control Storage Limit (INDEX-MEM-CONTROL-STORAGE). The following reports were updated: BTSYSPRM, DSQPARMS, SYSPARMS, HSPARMS. Products affected: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2515 Copyright (C) 2020 CA. All rights reserved. R01087-D200-SP1 DESC (SUPPORT FOR NEW DB2 SYSPARMS IN IFCID 106). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010405 S010739 S010906 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099) SUP (ST14754) CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) . CSECT (IFCIDSCS) . CSECT (NDFMTSEC,NDFMTSEM) . CSECT (NPLEXDAT,NPLEXSYM,SYMTBLE) . CSECT (REFM106C,REFM106) .

Service	Details
SO14756	SO14756 M.C.S. ENTRIES = ++PTF (SO14756) XMANAGER/DETECTOR TASK ABENDS OD6 IN PXMQUE PROBLEM DESCRIPTION: After PTF SO13717 is applied, CA Detector for DB2 for z/OS (PDT) collections may terminate when queue elements have been lost and the Xmanager attempts to issue the PXM3200 COLLECTION TASKS LOST message. SYMPTOMS: The following message is written to the Xmanager log: IEA995I SYMPTOM DUMP OUTPUT 979 SYSTEM COMPLETION CODE=OD6 REASON CODE=00000023 TIME=15.43.46 SEQ=62683 CPU=0000 ASID=01EB PSW AT TIME OF ERROR 470C2001 BB6BB346 ILC 4 INTC 23 ACTIVE MODULE ADDRESS=00000000_3B6BA000 OFFSET=00001346 NAME=PXMQMGCC The CA Detector collection also terminates and restarts. IMPACT: The Detector collection will terminate, and restart. CIRCUMVENTION: This problem can be circumvented by setting USECOLLTASKS(N) in the PDT parmlib member. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PXM 223 Copyright (C) 2020 CA. All rights reserved. R01088-D200-SP1 DESC(XMANAGER/DETECTOR TASK ABENDS OD6 IN PXMQUE). ++VER (Z038) FMID (CINSK00) PRE (R099979 SO11674 SO13717 SO14298) SUP (AS13717 ST14233 ST14237 ST14239 ST14756) ++HOLD (SO14756) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20258) COMMENT (<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 +-----+-----+ </pre> *****

Service	Details
	* 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.).

Service	Details
SO14771	SO14771 M.C.S. ENTRIES = ++PTF (SO14771) ZIIP SUPPORT FOR OUTPUT-CONTROL BUILD ENHANCEMENT DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) now supports System z Integrated Information Processor (zIIP) when you specify OUTPUT-CONTROL BUILD. Offloading zIIP-eligible workloads to zIIP processors can reduce the processing load on your general CPUs. PFL can now use zIIP processors when natively loading data from an input file directly into a tablespace. zIIP functionality is controlled by specifying either ZIIP {YES NO} in the SYSIN DD statement, or PFL-ZIIP {YES NO} in hlq.CDBAPARM(UTIL). PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1300 Copyright (C) 2020 CA. All rights reserved. R01089-D200-SP1 DESC(ZIIP SUPPORT FOR OUTPUT-CONTROL BUILD). ++VER (Z038) FMID (CINSK00) PRE (R096576 R098967 S000845 S001655 S006863 S007169 S008377) SUP (ST14771) ++IF FMID(CPFLK00) REQ(SO14772) . ++IF FMID(CPUTK00) REQ(SO14773) . CSECT(UTCSCAU@) .

Service	Details
S014772	S014772 M.C.S. ENTRIES = ++PTF (S014772) ZIIP SUPPORT FOR OUTPUT-CONTROL BUILD ENHANCEMENT DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) now supports System z Integrated Information Processor (zIIP) when you specify OUTPUT-CONTROL BUILD. Offloading zIIP-eligible workloads to zIIP processors can reduce the processing load on your general CPUs. PFL can now use zIIP processors when natively loading data from an input file directly into a tablespace. zIIP functionality is controlled by specifying either ZIIP {YES NO} in the SYSIN DD statement, or PFL-ZIIP {YES NO} in hlq.CDBAPARM(UTIL). PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1300 Copyright (C) 2020 CA. All rights reserved. R01089-D200-SP1 DESC(ZIIP SUPPORT FOR OUTPUT-CONTROL BUILD). ++VER (Z038) FMID (CPFLK00) PRE (R096581 R097708 S000018 S000081 S000704 S001656 S004275 S004459 S004857 S005012 S005502 S006117 S006866 S007170 S007811 S008071 S008378 S008428 S008584 S009024 S009977 S010195 S011235 S011431 S011520 S011601 S011846 S011996 S012128 S012150 S012275 S012526 S012984 S013066 S013097 S013175 S013203 S013765 S014031) SUP (AS09180 AS13203 AS14433 S009180 S009378 S011325 S014025 S014433 S014694 ST05071 ST09180 ST09378 ST11325 ST14018 ST14025 ST14433 ST14694 ST14772) ++IF FMID(CPUTK00) REQ(S014773) . ++IF FMID(CINSK00) REQ(S014771) . ++HOLD (S014772) SYSTEM FMID(CPFLK00) REASON (ACTION) DATE (20265) COMMENT (-----+ CA Fast Load for DB2 for z/OS

Service	Details
	This PTF introduces a new SYSIN control statement ZIIP YES/NO and a new PARMLIB option PFL-ZIIP YES/NO. The default for the PFL-ZIIP PARMLIB option is YES. PFL will now attempt to offload CPU from general purpose processors to zIIP processors to optimise resources. If zIIP offload is not desired then set PFL-ZIIP to NO in the PARMLIB or use ZIIP NO in the SYSIN.). ++HOLD (SO14772) SYSTEM FMID(CPFLK00) REASON (MSGSKEL) DATE (20265) COMMENT (<pre> +-----+ 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
SO14773	SO14773 M.C.S. ENTRIES = ++PTF (SO14773) ZIIP SUPPORT FOR OUTPUT-CONTROL BUILD ENHANCEMENT DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) now supports System z Integrated Information Processor (zIIP) when you specify OUTPUT-CONTROL BUILD. Offloading zIIP-eligible workloads to zIIP processors can reduce the processing load on your general CPUs. PFL can now use zIIP processors when natively loading data from an input file directly into a tablespace. zIIP functionality is controlled by specifying either ZIIP {YES NO} in the SYSIN DD statement, or PFL-ZIIP {YES NO} in hlq.CDBAPARM(UTIL). PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1300 Copyright (C) 2020 CA. All rights reserved. R01089-D200-SP1 DESC(ZIIP SUPPORT FOR OUTPUT-CONTROL BUILD). ++VER (Z038) FMID (CPUTK00) PRE (R096590 R098969 R099566 S000024 S001659 S004469 S005016 S006068 S006127 S006874 S007172 S008072 S008380 S008429 S008586 S009978 S010196 S011238 S011521 S011604 S011848 S011849 S011999 S012153 S012278 S012529 S013098 S013205 S013767) SUP (ST08364 ST14773) ++IF FMID(CPFLK00) REQ(SO14772) . ++IF FMID(CINSK00) REQ(SO14771) .

Service	Details
SO14782	SO14782 M.C.S. ENTRIES = ++PTF (SO14782) DETECTOR DOESN'T START WITH OPTION BUFSINPRVT(Y) PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) abends when the BUFSINPRVT parm is set to "Y" for R20 only. SYMPTOMS: In R20, Detector cannot be used with the BUFSINPRVT parm set to "Y". Detector abends after it captures the first SQL statement causing the first SQL statement to fail with ERRORCODE=-1224, SQLSTATE=55032. Subsequent SQL statements after Detector abends execute properly. IMPACT: In R20, Detector cannot be used with the BUFSINPRVT parm set to "Y". The abend value is SDC4. CIRCUMVENTION: Customer's can use Detector R20 with the BUFSINPRVT parm set to "N". KEYWORDS: Abend SDC4 PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1703 Copyright (C) 2020 CA. All rights reserved. R01090-D200-SP1 DESC(DETECTOR DOESN'T START WITH OPTION BUFSINPRVT(Y)). ++VER (Z038) FMID (CPDTK00) PRE (R096580 R098429 S001400 S003942 S004458 S004757 S006116 S006334 S007810 S010908 S011694 S013889 S014338) SUP (S010521 S014397 ST10521 ST14397 ST14782) ++HOLD (SO14782) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (20258) COMMENT (<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 +-----+-----+ ***** * STEPS TO PERFORM * </pre> ***** * STEPS TO PERFORM *

Service	Details
	***** 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.). CSECT (PDTXMTCC) .

Service	Details
SO14827	SO14827 M.C.S. ENTRIES = ++PTF (SO14827) %DATE BP SYMBOLIC RESOLVES THE CENTURY COMPONENT INCORRECTLY PROBLEM DESCRIPTION: In the Batch Processor (RBP) component of the CA Database Management solutions for DB2 for z/OS, %DATE symbolic variable resolves the CENTURY component incorrectly from the format CYYMMDD. This issue was found on Aug 2020. SYMPTOMS: The dataset name model resolves the CENTURY value as 2 instead of 1. DA('%AUTHID.DB2017.TID20.D%DATE.DA') BPA0059I: SUBSTITUTION - AUTHID.DB2017.TID20.D2200907.DA. IMPACT: Incorrect DATE populated in the dataset name. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: RBP 364 Copyright (C) 2020 CA. All rights reserved. R01092-D200-SP1 DESC(%DATE BP SYMBOLIC RESOLVES THE CENTURY COMPONENT INCORRECTLY). ++VER (Z038) FMID (CINSK00) SUP (ST14827)

Service	Details
S014832	M.C.S. ENTRIES = ++PTF (S014832) SUPPORT FOR PAGENUM RELATIVE ALTERS ENHANCEMENT DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), CA RC/Compare for DB2 for z/OS (RCC), and CA RC/Update for DB2 for z/OS (RCU), support has been added to exploit PAGENUM RELATIVE. This tablespace attribute now appears on the Tablespace Alter panel, and may be altered in RCM, RCC, and RCU. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 CA RC/Compare for DB2 for z/OS Version 20.0 CA RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCM 3072 Copyright (C) 2020 CA. All rights reserved. R01093-D200-SP1 DESC(SUPPORT FOR PAGENUM RELATIVE ALTERS). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S001396 S004455 S004718 S004855 S005199 S006113 S006638 S006863 S007323 S007379 S007807 S008128 S008859 S008957 S009105 S009356 S009417 S009860 S010549 S010974 S011691 S011866 S011966 S012361 S012650 S012751 S012817 S012904 S012933 S013071 S013111 S013154 S013193 S013930 S013985 S014125 S014282 S014716) SUP (AS05873 BS04455 R099748 S000343 S005873 S006007 S008198 S008202 S008414 S009126 S009546 S009564 S009790 S009839 S009945 S010021 S010080 S010331 S010631 S010815 S010827 S010978 S011231 S012031 S012042 S012249 S012524 S012812 S013539 S013878 S013888 S013974 S014623 ST00343 ST05873 ST06007 ST07444 ST08198 ST08202 ST08395 ST08414 ST08916 ST09126 ST09530 ST09546 ST09564 ST09790 ST09791 ST09839 ST09945 ST10021 ST10080 ST10331 ST10631 ST10815 ST10827 ST10978 ST11231 ST12031 ST12042 ST12249 ST12524 ST12812 ST13539 ST13878 ST13888 ST13974 ST14623 ST14832 TR99748) ++IF FMID(CRCUK00) REQ(S014833) . ++HOLD (S014832) SYSTEM FMID(CINSK00) REASON (DB2DDL) DATE (20259) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Alter CA DB2 Tools objects +-----+ USERS AFFECTED All Users. +-----+ KNOWLEDGE)

Service	Details
	<pre> REQUIRED CA DB2 Tools Post Install Customization +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. Install SYSADM, SYSADM or DBADM on PTDB. +-----+-----+ ***** * STEPS TO PERFORM * ***** DB2 objects must be compared/alterd and a Bind Replace performed as part of this maintenance. 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 following tasks using the post-install tailoring options: 1. Compare DB2 Objects 2. Create Required DB2 Objects 3. Bind Product Packages and Plans IMPORTANT! If CA SYSVIEW for DB2 is installed 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.). ++HOLD (SO14832) SYSTEM FMID(CINSK00) REASON (DOC) DATE (20259) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+ ***** * PUBLICATION * ***** On Db2 12 subsystems, you can now generate DDL that contains the PAGENUM clause in ALTER TABLESPACE statement for partition-by-range tablespaces using relative page numbering (PBR2 tablespaces). The PAGENUM option specifies the type of page numbering that is used for a range-partitioned table space. Relative page numbering provides more flexibility and availability and higher limits in partition growth.). ++HOLD (SO14832) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (20259) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. </pre>

Service	Details
	<pre> +-----+-----+ 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.). CSECT (RMA\$CALT,#@XFCALN) . CSECT (RMA\$CEA,SWAPAREA) . CSECT (RMA\$CEDB,SWAPAREA) . CSECT (RMA\$CEI,SWAPAREA) . CSECT (RMA\$CES,SWAPAREA) . CSECT (RMA\$CESG,SWAPAREA) . CSECT (RMA\$CET,SWAPAREA) . CSECT (RMA\$CETG,SWAPAREA) . CSECT (RMA\$CETS,SWAPAREA) . CSECT (RMA\$CEUF,SWAPAREA) . CSECT (RMA\$CEV,SWAPAREA) . CSECT (RMA\$CIMP,#@XFCALN) . CSECT (RMA\$CLST,CLST\$CDE,CMDTAB,CMDTAB2,RMA\$EQFA) . CSECT (RMA\$CMAI,RMA\$CVT,@#EABLDL) . CSECT (RMA\$CVTI,RMA\$CVT,@#EABLDL,#@XFCALN) . CSECT (RMA\$ED,RMA\$EDXX) . CSECT (RMA\$MAIN,RMMSASPF,RMMSRSPF,RMA\$CVT,@#EABLDL,#@XFCALN) . CSECT (RMA\$MFET,MFETVPR) . CSECT (RMA\$PARM,\$QLIST8) . CSECT (RMA\$PRQ8,\$QLIST8) . CSECT (\$QLIST8,RMA\$QBLD) . CSECT (RMA\$QM8,\$QLIST8) . CSECT (RMA\$SYNB,#@XFCALN) . CSECT (RMA\$UPSO,UPSOTBL) . CSECT (RMA\$XLAT,XLATVALS) . CSECT (RMA#MSYN,RMA\$CVT,#@XFCALN,@#EABLDL) . CSECT (RMA@BACK,SWAPAREA) . CSECT (RMA@DDL,#@XFCALN) . CSECT (RMA@EDIT,RMX@EDIT) . CSECT (RMA@PARM,RMAXXRMX) . CSECT (RMA@PRM2,RMAXPR2X) . CSECT (RMA@WICL,#@XFCALN) . CSECT (ROAAALT,ROMALSPF,ROXAALT) . CSECT (ROAPRHDR,ROXPRHDR) . CSECT (ROASYS1,ROXSYS1,PTMSYSDF,SYSDOWRK) . CSECT (ROASYS3,ROASMDL) . CSECT (ROASYS4,ROXSYS4) . CSECT (ROATALT,ROXTALT,COUNTCOL,ROATVDEL,TALT_TBS) . CSECT (ROATALT4,ROXTALT4) . CSECT (ROATALT5,ROXTALT5,TALT5TBS) . </pre>

Service	Details
	CSECT (ROATSHDR,ROMTSSPF) . CSECT (ROAVALT,VALT_TBS) .

Service	Details						
SO14833	SO14833 M.C.S. ENTRIES = ++PTF (SO14833) SUPPORT FOR PAGENUM RELATIVE ALTERS ENHANCEMENT DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), CA RC/Compare for DB2 for z/OS (RCC), and CA RC/Update for DB2 for z/OS (RCU), support has been added to exploit PAGENUM RELATIVE. This tablespace attribute now appears on the Tablespace Alter panel, and may be altered in RCM, RCC, and RCU. PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3072 Copyright (C) 2020 CA. All rights reserved. R01093-D200-SP1 DESC(SUPPORT FOR PAGENUM RELATIVE ALTERS). ++VER (Z038) FMID (CRCUK00) PRE (R099571 SO11867 SO11970 SO12365 SO12936) SUP (ST12477 ST14833) ++IF FMID(CINSK00) REQ(SO14832) . ++HOLD (SO14833) SYSTEM FMID(CRCUK00) REASON (DOC) DATE (20259) COMMENT (<pre> +-----+ CA RC/Update for DB2 for z/OS Version 20.0 +-----+ ***** * PUBLICATION * ***** On Db2 12 subsystems, you can now generate DDL that contains the PAGENUM clause in ALTER TABLESPACE and ALTER INDEX statements for partition-by-range tablespaces using relative page numbering (PBR2 tablespaces). The PAGENUM option specifies the type of page numbering that is used for a range-partitioned table space. Valid values are: A (absolute) or R (relative). Relative page numbering provides more flexibility and availability and higher limits in partition growth.). CSECT(ROAJALT,ROXJALT,JALTROA) . </pre>	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Compare for DB2 for z/OS	Version 20.0	CA RC/Update for DB2 for z/OS	Version 20.0
CA RC/Migrator for DB2 for z/OS	Version 20.0						
CA RC/Compare for DB2 for z/OS	Version 20.0						
CA RC/Update for DB2 for z/OS	Version 20.0						

Service	Details																																
SO14835	SO14835 M.C.S. ENTRIES = ++PTF (SO14835) SQLCODE -551 WHEN ACCESSING UTILITY PROFILE SERVICES PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), an SQLCODE -551 occurs when trying to access the 'Analysis Profile Services' or the 'Utility Profile Services' from the 'Utility Profile Services' panel, if the user does not have SYSADM privilege, but has the recommended privileges by RCM. SYMPTOMS: DSNT408I SQLCODE = -551, ERROR: <userid> DOES NOT HAVE THE PRIVILEGE TO PERFORM OPERATION SELECT ON OBJECT PTI.PTMGB_UPTABLE_0100 DSNT408I SQLCODE = -551, ERROR: <userid> DOES NOT HAVE THE PRIVILEGE TO PERFORM OPERATION SELECT ON OBJECT PTI.PTMGB_APTABLE_0100 IMPACT: Customers will be able to create new profiles and will be able to update their profiles. However, they will not have access to use other shareable profiles created by other users. CIRCUMVENTION: GRANT SELECT privilege to the user on tables PTI.PTMGB_UPTABLE_0100 and PTI.PTMGB_APTABLE_0100 or Rebind packages RMA\$APM1, RMA#UPM1 and RMA#UPM2 by adding 'DYNAMICRULES(BIND)'. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 3077 Copyright (C) 2020 CA. All rights reserved. R01095-D200-SP1 DESC(SQLCODE -551 WHEN ACCESSING UTILITY PROFILE SERVICES). ++VER (Z038) FMID (CINSK00) PRE (R097704 S004718) SUP (ST14835) ++IF FMID(CPBAK00) REQ(SO14836) . ++HOLD (SO14835) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20265) COMMENT (<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> After Apply</td> </tr> <tr> <td colspan="2">+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+</td> </tr> <tr> <td> PURPOSE</td><td> Bind Plans and Packages</td> </tr> <tr> <td colspan="2">+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+</td> </tr> <tr> <td> USERS</td><td> </td> </tr> <tr> <td> AFFECTED</td><td> All Users</td> </tr> <tr> <td colspan="2">+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+</td> </tr> <tr> <td> KNOWLEDGE</td><td> </td> </tr> <tr> <td> REQUIRED</td><td> CA DB2 Tools Post Install Customization</td> </tr> <tr> <td colspan="2">+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+</td> </tr> <tr> <td> ACCESS</td><td> 1. CA DB2 Tools Post Install</td> </tr> <tr> <td> REQUIRED</td><td> 2. BIND, SYSADM or SYSCNTL on DB2 subsystem.</td> </tr> <tr> <td colspan="2">+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+</td> </tr> </table> *****	+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+			CA DBM Solutions for DB2 for z/OS Base In 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.	+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+	
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Service	Details
	* STEPS TO PERFORM * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. 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. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. IMPORTANT! If CA SYSVIEW for DB2 is installed 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.).

Service	Details
SO14836	SO14836 M.C.S. ENTRIES = ++PTF (SO14836) SQLCODE -551 WHEN ACCESSING UTILITY PROFILE SERVICES PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), an SQLCODE -551 occurs when trying to access the 'Analysis Profile Services' or the 'Utility Profile Services' from the 'Utility Profile Services' panel, if the user does not have SYSADM privilege, but has the recommended privileges by RCM. SYMPTOMS: DSNT408I SQLCODE = -551, ERROR: <userid> DOES NOT HAVE THE PRIVILEGE TO PERFORM OPERATION SELECT ON OBJECT PTI.PTMGB_UPTABLE_0100 DSNT408I SQLCODE = -551, ERROR: <userid> DOES NOT HAVE THE PRIVILEGE TO PERFORM OPERATION SELECT ON OBJECT PTI.PTMGB_APTABLE_0100 IMPACT: Customers will be able to create new profiles and will be able to update their profiles. However, they will not have access to use other shareable profiles created by other users. CIRCUMVENTION: GRANT SELECT privilege to the user on tables PTI.PTMGB_UPTABLE_0100 and PTI.PTMGB_APTABLE_0100 or Rebind packages RMA\$APM1, RMA#UPM1 and RMA#UPM2 by adding 'DYNAMICRULES(BIND)'. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 3077 Copyright (C) 2020 CA. All rights reserved. R01095-D200-SP1 DESC(SQLCODE -551 WHEN ACCESSING UTILITY PROFILE SERVICES). ++VER (Z038) FMID (CPBAK00) SUP (ST14836) ++IF FMID(CINSK00) REQ(SO14835) . ++HOLD (SO14836) SYSTEM FMID(CPBAK00) REASON (DB2BIND) DATE (20265) COMMENT (<pre> +-----+ CA Bind 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. +-----+-----+ ***** * STEPS TO PERFORM * </pre>

Service	Details
	***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. 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. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. IMPORTANT! If CA SYSVIEW for DB2 is installed 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.).

Service	Details
SO14842	SO14842 M.C.S. ENTRIES = ++PTF (SO14842) FIX TRUNCATION PROBLEM IN PRFE PROGRAM PROBLEM DESCRIPTION: CA Report Facility (PRF) Procedures when run in batch using the PRFE program, have (DSQSRUN) truncated last character of the last subparameter. SYMPTOMS: Procedure name that is one byte shorter is searched for execution generally provoking the PRF9218E error. The wrong procedure name is searched for. IMPACT: The Procedure name gets truncated by one byte. The batch execution of the PRFE program provokes the PRF9218E error. CIRCUMVENTION: Provide one additional character at the end so the correct Procedure name is passed to the PRFE program for batch execution after the truncation. PRODUCT(S) AFFECTED: CA Report Facility Version 20.0 Related Problem: BIPRF 727 Copyright (C) 2020 CA. All rights reserved. R01096-D200-SP1 DESC(FIX TRUNCATION PROBLEM IN PRFE PROGRAM) . ++VER (Z038) FMID (CPRFK00) PRE (S001406 S004464 S006122 S009185) SUP (ST14842) CSECT(PRFE,@STRING) .

Service	Details
SO14843	SO14843 M.C.S. ENTRIES = ++PTF (SO14843) HIGH CPU AFTER SO14642 PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector may go into a loop while processing IDB2 Accounting data, if the HIST-ACCT-DETAIL SYSPARM uses the SQL or PDTSQL option. This problem may occur if either SO14016 or SO14642 are applied. SYMPTOMS: High CPU usage in the Sysview/DB2 data collector. IMPACT: The data collector must be canceled to stop the looping address space. Trace data is lost. CIRCUMVENTION: Back off PTFs SO14016 and SO14642. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2528 Copyright (C) 2020 CA. All rights reserved. R01097-D200-SP1 DESC(HIGH CPU AFTER SO14642). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R098428 R099552 S001395 S004454 S006112 S006333 S006862 S010160 S011693 S011977 S012428 S013891 S014016 S014642) SUP (AS14642 R097683 ST10533 ST13775 ST14843 TR97683 TR98366) ++HOLD (SO14843) SYSTEM FMID(CIDBK00) REASON (RESTART) DATE (20261) COMMENT (<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 * ***** </pre>

Service	Details
	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.). CSECT (NUHSTLOM) .

Service	Details
SO14853	SO14853 M.C.S. ENTRIES = ++PTF (SO14853) SUPPORT THREAD HISTORY DETAIL MENU FOR MODEL2 DISPLAY PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) Thread History Detail Menu panel does not show all available options when MODEL2 display is used for 3270 terminal. SYMPTOMS: Option 14 "Resource Limit Facility" is not shown on Thread History Detail Menu. IMPACT: Users don't see all available options on Thread History Detail Menu CIRCUMVENTION: Use MODEL3 or above display type for 3270 terminal. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2525 Copyright (C) 2020 CA. All rights reserved. R01098-D200-SP1 DESC(SUPPORT THREAD HISTORY DETAIL MENU FOR MODEL2 DISPLAY) . ++VER (Z038) FMID (CIDBK00) PRE (SO13557 SO14099 SO14624) SUP (AS14624 ST14853) ++HOLD (SO14853) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (20261) COMMENT (+-----+-----+-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 +-----+-----+-----+ SEQUENCE Both before Apply and after Apply +-----+-----+-----+ PURPOSE Resolve the problem in the thread history menu when MODEL2 display is used. Before the fix applied, 'Thread History Detail Menu' looks as follows: Option 13 and 14 are not shown on the screen for MODEL2 display 1 Remote Locations 2 SQL Counts 3 List Prefetch / RID Pool 4 Packages (collection, SP/UDF, trigger) 5 IFI Counts / Data Capture Facility 6 Group Buffer Pools 7 Global Locking 8 Dynamic Prepare / Row Access 9 DB2 Routine Counts 10 Accelerator Services 11 CA SYSVIEW for DB2 Accounting Collection Data 12 Parallel I/O Thread List

Service	Details																																																																												
	After the fix applied, 'Thread History Detail Menu' will look as follows: <table> <tr> <td>1 Remote Locations</td><td>13 Parallelism / Misc / IAG</td></tr> <tr> <td>2 SQL Counts</td><td>14 Resource Limit Facility</td></tr> <tr> <td>3 List Prefetch / RID Pool</td><td></td></tr> <tr> <td>4 Packages (coll, SP/UDF, trigger)</td><td></td></tr> <tr> <td>5 IFI Counts / Data Capture</td><td></td></tr> <tr> <td>6 Group Buffer Pools</td><td></td></tr> <tr> <td>7 Global Locking</td><td></td></tr> <tr> <td>8 Dynamic Prepare / Row Access</td><td></td></tr> <tr> <td>9 DB2 Routine Counts</td><td></td></tr> <tr> <td>10 Accelerator Services</td><td></td></tr> <tr> <td>11 CA SYSVDB2 Accounting Collection</td><td></td></tr> <tr> <td>12 Parallel I/O Thread List</td><td></td></tr> </table> Before the fix applied, 'Thread History Summary Menu' looks as follows: <table> <tr> <td>1 Remote Locations</td><td></td></tr> <tr> <td>2 SQL Counts</td><td></td></tr> <tr> <td>3 List Prefetch / RID Pool</td><td></td></tr> <tr> <td>4 Resource Limit Facility</td><td></td></tr> <tr> <td>5 Packages (collection, SP/UDF, trigger)</td><td></td></tr> <tr> <td>6 IFI Counts / Data Capture Facility</td><td></td></tr> <tr> <td>7 Group Buffer Pools</td><td></td></tr> <tr> <td>8 Global Locking</td><td></td></tr> <tr> <td>9 Dynamic Prepare / Row Access</td><td></td></tr> <tr> <td>10 DB2 Routine Counts</td><td></td></tr> <tr> <td>11 Accelerator Services</td><td></td></tr> <tr> <td>12 CA SYSVIEW for DB2 Accounting Collection Data</td><td></td></tr> <tr> <td>13 Parallelism / Miscellaneous / IAG / Workfile</td><td></td></tr> </table> After the fix applied, 'Thread History Summary Menu' will look as follows: <table> <tr> <td>1 Remote Locations</td><td>13 Parallelism / Misc / IAG</td></tr> <tr> <td>2 SQL Counts</td><td></td></tr> <tr> <td>3 List Prefetch / RID Pool</td><td></td></tr> <tr> <td>4 Resource Limit Facility</td><td></td></tr> <tr> <td>5 Packages (coll, SP/UDF, trigger)</td><td></td></tr> <tr> <td>6 IFI Counts / Data Capture</td><td></td></tr> <tr> <td>7 Group Buffer Pools</td><td></td></tr> <tr> <td>8 Global Locking</td><td></td></tr> <tr> <td>9 Dynamic Prepare / Row Access</td><td></td></tr> <tr> <td>10 DB2 Routine Counts</td><td></td></tr> <tr> <td>11 Accelerator Services</td><td></td></tr> <tr> <td>12 CA SYSVDB2 Accounting Collection</td><td></td></tr> </table> Note: Option 13 is truncated in the above display. It will be displayed as below in the both menus <table> <tr> <td>13 Parallelism / Misc / IAG / Workfile</td><td></td></tr> </table>	1 Remote Locations	13 Parallelism / Misc / IAG	2 SQL Counts	14 Resource Limit Facility	3 List Prefetch / RID Pool		4 Packages (coll, SP/UDF, trigger)		5 IFI Counts / Data Capture		6 Group Buffer Pools		7 Global Locking		8 Dynamic Prepare / Row Access		9 DB2 Routine Counts		10 Accelerator Services		11 CA SYSVDB2 Accounting Collection		12 Parallel I/O Thread List		1 Remote Locations		2 SQL Counts		3 List Prefetch / RID Pool		4 Resource Limit Facility		5 Packages (collection, SP/UDF, trigger)		6 IFI Counts / Data Capture Facility		7 Group Buffer Pools		8 Global Locking		9 Dynamic Prepare / Row Access		10 DB2 Routine Counts		11 Accelerator Services		12 CA SYSVIEW for DB2 Accounting Collection Data		13 Parallelism / Miscellaneous / IAG / Workfile		1 Remote Locations	13 Parallelism / Misc / IAG	2 SQL Counts		3 List Prefetch / RID Pool		4 Resource Limit Facility		5 Packages (coll, SP/UDF, trigger)		6 IFI Counts / Data Capture		7 Group Buffer Pools		8 Global Locking		9 Dynamic Prepare / Row Access		10 DB2 Routine Counts		11 Accelerator Services		12 CA SYSVDB2 Accounting Collection		13 Parallelism / Misc / IAG / Workfile	
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Service	Details		
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	USERS	The hold data are relevant for all customers who use	
	AFFECTED	CA SYSVIEW Performance Management Option for DB2 for z/OS.	
	+-----+-----+-----+		
	KNOWLEDGE	CA SYSVIEW Performance Management Option for DB2 for z/OS.	
	REQUIRED		
	+-----+-----+-----+		
	ACCESS	CA SYSVIEW Performance Management Option for DB2 for z/OS.	
	REQUIRED		
	+-----+-----+-----+		
	).		

Service	Details
SO14859	SO14859 M.C.S. ENTRIES = ++PTF (SO14859) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. When the architectural enhancement is ready for release, additional information will be provided. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1714 Copyright (C) 2020 CA. All rights reserved. R01099-D200-SP1 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S001396 S003959 S004129 S004455 S006113 S006863 S007807 S009261 S009797 S012650 S012924 S013985) SUP (ST14859) ++IF FMID(CPDTK00) REQ(S014860) . ++IF FMID(CPSAK00) REQ(S014861) .

Service	Details
SO14860	SO14860 M.C.S. ENTRIES = ++PTF (SO14860) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. When the architectural enhancement is ready for release, additional information will be provided. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1714 Copyright (C) 2020 CA. All rights reserved. R01099-D200-SP1 DESC (INFRASTRUCTURE FOR FUTURE ENHANCEMENT) . ++VER (Z038) FMID (CPDTK00) PRE (R096168 R097707 R097923 R098088 R099556 S001400 S004458 S006116 S007810 S008455 S012652 S012925 S013616 S013987 S014299) SUP (S006237 ST06237 ST12907 ST12911 ST12915 ST14860) ++IF FMID(CPSAK00) REQ(S014861) . ++IF FMID(CINSK00) REQ(S014859) . ++HOLD (S014860) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (20266) COMMENT (<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 +-----+-----+ ***** * 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 </pre>

Service	Details
	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.).

Service	Details
SO14861	SO14861 M.C.S. ENTRIES = ++PTF (SO14861) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. When the architectural enhancement is ready for release, additional information will be provided. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1714 Copyright (C) 2020 CA. All rights reserved. R01099-D200-SP1 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CPSAK00) PRE (SO07819 SO12926 SO14681) SUP (ST14861) ++IF FMID(CPDTK00) REQ(SO14860) . ++IF FMID(CINSK00) REQ(SO14859) .

Service	Details
SO14863	SO14863 M.C.S. ENTRIES = ++PTF (SO14863) ICTYPE=L ROW PREVENTS RECOVER PROBLEM DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) may fail to recover when an ICTYPE=L row exists in the SYSIBM.SYSCOPY. SYMPTOMS: The job ends with RC=8 and message: PFR0057E - TABLESPACE 'dbname.tsname' WAS NOT COPIED AFTER A NON-RECOVERABLE EVENT : ICTYPE 'L' AT START_RBA X'00D875EDA29581CD0800' WITH STYPE : 'M', TTYPE ' ' AND PIT_RBA X'00000000000000000000'. This Error has Occurred in CSECT - GRA@CHEK IMPACT: The object cannot be recovered. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1073 Copyright (C) 2020 CA. All rights reserved. R01100-D200-SP1 DESC(ICTYPE=L ROW PREVENTS RECOVER). ++VER (Z038) FMID (CUGRK00) PRE (R096595 R099574 S000029 S000788 S001660 S004251 S006132 S006879 S007826 S008280 S012155 S014568) SUP (ST14863)

Service	Details
SO14864	SO14864 M.C.S. ENTRIES = ++PTF (SO14864) CICS TRANSACTION SERVER 5.6 - SUPPORT ENHANCEMENT ENHANCEMENT DESCRIPTION: CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) supports the CICS Transaction Server (CTS) 5.6. For a transaction running on CTS 5.6, the THRDETL, CICSCONN and CICSTRAN reports now display all transaction details. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2527 Copyright (C) 2020 CA. All rights reserved. R01101-D200-SP1 DESC(CICS TRANSACTION SERVER 5.6 - SUPPORT ENHANCEMENT). ++VER (Z038) FMID (CIDBK00) PRE (R097703 SO04454 SO08846) SUP (ST14864)

Service	Details
SO14865	SO14865 M.C.S. ENTRIES = ++PTF (SO14865) ENHANCED DATA COLLECTION FOR RECOVER STATISTICS IN ADOR ENHANCEMENT DESCRIPTION: With this PTF, the Automated Dropped Object Recovery feature (ADOR) job collects the recovered Db2 statistics data in the UNDODDL step. The extra step CLCSTATS that read the Db2 log has been left out from the ADOR job. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1314 Copyright (C) 2020 CA. All rights reserved. R01102-D200-SP1 DESC(ENHANCED DATA COLLECTION FOR RECOVER STATISTICS IN ADOR). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004250 S004455 S005011 S006113 S006608 S006863 S007379 S007807 S008869 S010004 S010200 S010676 S011078 S011084 S011684 S012715 S014566) SUP (ST14865) ++IF FMID(CPLAK00) REQ(SO14866) .

Service	Details
SO14866	SO14866 M.C.S. ENTRIES = ++PTF (SO14866) ENHANCED DATA COLLECTION FOR RECOVER STATISTICS IN ADOR ENHANCEMENT DESCRIPTION: With this PTF, the Automated Dropped Object Recovery feature (ADOR) job collects the recovered Db2 statistics data in the UNDODDL step. The extra step CLCSTATS that read the Db2 log has been left out from the ADOR job. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1314 Copyright (C) 2020 CA. All rights reserved. R01102-D200-SP1 DESC(ENHANCED DATA COLLECTION FOR RECOVER STATISTICS IN ADOR). ++VER (Z038) FMID (CPLAK00) PRE (R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S006868 S007813 S008008 S008802 S008870 S009083 S009133 S009252 S009333 S010390 S010641 S010677 S011113 S011419 S011583 S011669 S012173 S012763 S012797 S012889 S012900 S013009 S013625 S013879 S014137 S014613) SUP (AS14137 S014142 S014452 ST14142 ST14452 ST14866 ST14924) ++IF FMID(CINSK00) REQ(SO14865) . ++HOLD (SO14866) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (20266) COMMENT (<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. +-----+ ***** * 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. </pre>

Service	Details
	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.).

Service	Details
SO14874	SO14874 M.C.S. ENTRIES = ++PTF (SO14874) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. When the architectural enhancement is ready for release, additional information will be provided. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PTT 365 Copyright (C) 2020 CA. All rights reserved. R01103-D200-SP1 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CINSK00) PRE (R096576 R099979 S001396 S007560 S011623 S012396 S012924 S013509) SUP (ST14874) ++HOLD (SO14874) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20266) COMMENT (<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.). CSECT(TT#BMNCC,ERRTBLE).

Service	Details
SO14876	SO14876 M.C.S. ENTRIES = ++PTF (SO14876) ONLINE REORG TABLESPACE MODEL OREORGTS INACTIVE BY DEFAULT PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the online reorg utility model OREORGTS is disabled by default. SYMPTOMS: Online reorg utility model OREORGTS is not generated by default for the tablespace pending changes. IMPACT: The execution of the script will place the tablespace in pending status. CIRCUMVENTION: You have to enable OREORGTS model manually. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3079 Copyright (C) 2020 CA. All rights reserved. R01104-D200-SP1 DESC(ONLINE REORG TABLESPACE MODEL OREORGTS INACTIVE BY DEFAULT). ++VER (Z038) FMID (CINSK00) PRE (SO07379) SUP (ST14876)

Service	Details
SO14883	SO14883 M.C.S. ENTRIES = ++PTF (SO14883) CORRECT ZHYPERLINK CPU TIME ON HISTORY REPORTS PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) reports incorrect zHyperLink CPU time on thread history accounting reports. SYMPTOMS: 'zHyperLink CPU ' is reported as zeros on HTRESP (Hist Thread Response Time) IMPACT: Incorrect 'zHyperLink CPU' time is reported to users. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2526 Copyright (C) 2020 CA. All rights reserved. R01106-D200-SP1 DESC(CORRECT ZHYPERLINK CPU TIME ON HISTORY REPORTS). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S011977 S012769 S013557 S013891) SUP (S008728 ST03732 ST08728 ST14834 ST14881 ST14883) CSECT(NDRITABC,NDRITABL) .

Service	Details
SO14899	SO14899 M.C.S. ENTRIES = ++PTF (SO14899) ICL-DDL GENERATES TRIGGER COMMENT TEXT WITH LEFT PAREN ONLY PROBLEM DESCRIPTION: When using CA RC/Migrator for DB2 for z/OS (RCM) to drop the comment text from triggers, the analysis generates DDL with 1 byte blank character for the comment text and the ICL-DDL generates DDL with 1 byte '(' for the comment text. SYMPTOMS: The ICL-DDL analysis generate the following: COMMENT ON TRIGGER <Schema>.<Name> IS '('; The analysis generates the following: COMMENT ON TRIGGER <Schema>.<Name> IS ' '; IMPACT: The customer will not be able to drop the comment text from triggers. CIRCUMVENTION: Edit the script and change ' ' and '(' to ''. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3080 Copyright (C) 2020 CA. All rights reserved. R01107-D200-SP1 DESC(ICL-DDL GENERATES TRIGGER COMMENT TEXT WITH LEFT PAREN ONLY). ++VER (Z038) FMID (CINSK00) PRE (R099553 S004718 S011866 S011966 S012361 S012933 S014125) SUP (ST14899)

Service	Details
SO14901	SO14901 M.C.S. ENTRIES = ++PTF (SO14901) ERRORS WITH FIELDPROC OR NATIONAL CHARS IN DB2 IDENTIFIERS PROBLEM DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS may fail with various symptoms when national characters exist in object identifiers or when an object column uses FIELDPROC after PTF SO12819 has been applied. SYMPTOMS: One of the following error messages can be found in the output of the Utility job when processing object identifiers with national characters in the name: PUT0005E - TABLESPACE NOT FOUND IN CATALOG PUT0016E - Catalog Access SQL Error, SQLCODE -100 PUT0030E - IFI failed, Return Code: 0008 Reason Code: 00E60820 PRR0018E - Tablespace/Indexspace failed STOP/QUIESCE PRR0122E - Startup ACCESS for dataset failed - No RESTART for function PQC0071E ERROR ENCOUNTERED EXECUTING DB2 COMMAND: IFIRC1 = 00000008 PQC0236E CATALOG RETRIEVAL ERROR FOR OBJECT dbname.tsname - VARIABLE TEXT FOLLOWS: +TABLESPACE NOT FOUND IN CATALOG PQC0595E NON-ZERO RETURN CODE FROM STATUS CHECKING FUNCTION: 08 PQC0980E FATAL STATUS CHECKING FAILURE PFR0046E - TABLESPACE 'dbname.tsname' NOT FOUND DSN catname.DSNDBX.dbname.psname.y0001.znnn not found in ICF catlg. RC=4 The following messages can be observed after a STOP, START, or DISPLAY DATABASE command has been issued by the Utility: DSN9027I KEYWORD keyword-name PARAMETER(S) MUST BE ALPHAMERIC DSN9023I csect-name verb-name pkw-name ABNORMAL COMPLETION CA Database Analyzer for DB2 for z/OS (PDA) may encounter a loop during collection of data statistics. If the FIELDPROC clause has been used in the column definition and the table or related object are being processed by the CA Database Analyzer for DB2 for z/OS (PDA), the ABEND SOC4 may occur in RALSIX2 or PTLCLBLD2 modules with one of the following, or similar symptom dump: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=07.36.28 SEQ=08433 CPU=0000 ASID=0324 PSW AT TIME OF ERROR 078D2000 BB2214F0 ILC 6 INTC 11 ACTIVE MODULE ADDRESS=00000000_3B217000 OFFSET=0000A4F0 NAME=RALSIX2 DATA AT PSW 3B2214EA - 19104740 C21AD2FF E000F000 AR/GR 0: 00000000/00000000_000000FF 1: 00000000/00000000_0000336F 2: FFFFFFFF/00000000_0000406F 3: FFFFFFFF/FFFFFFF_00004070 4: FFFFFFFF/FFFFFFF_000097C0 5: FFFFFFFF/FFFFFFF_000F74E8 6: FFFFFFFF/FFFFFFF_0001C1AC 7: FFFFFFFF/FFFFFFF_000097C0 8: FFFFFFFF/FFFFFFF_0000A000 9: FFFFFFFF/FFFFFFF_3B11C9B0 A: FFFFFFFF/FFFFFFF_3B11D1A0 B: FFFFFFFF/FFFFFFF_3B217E50 C: FFFFFFFF/FFFFFFF_3B2212F0 D: FFFFFFFF/00000000_0018D000 E: 00000000/00000000_3B26CD08 F: 00000000/00000000_3B222F98 END OF SYMPTOM DUMP SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=07.59.04 SEQ=08722 CPU=0000 ASID=02F0 PSW AT TIME OF ERROR 078D0000 BB083C5C ILC 2 INTC 11 ACTIVE MODULE ADDRESS=00000000_3B07B000 OFFSET=00008C5C NAME=PTLCLBLD2

Service	Details										
	DATA AT PSW 3B083C56 - 405C5000 404C0E02 47F0C28E AR/GR 0: 007B7E88/00000000_3B0BE9DC 1: 00000000/00000000_0000316E 2: FFFFFFFF/FFFFFFF_3B0FE000 3: FFFFFFFF/FFFFFFF_0000316E 4: FFFFFFFF/FFFFFFF_3B0BDAAC 5: FFFFFFFF/FFFFFFF_00000003 6: FFFFFFFF/FFFFFFF_3B0DD61C 7: FFFFFFFF/FFFFFFF_3B0FD000 8: FFFFFFFF/FFFFFFF_3B0BD5C0 9: FFFFFFFF/FFFFFFF_00000005 A: FFFFFFFF/FFFFFFF_3B07C010 B: FFFFFFFF/FFFFFFF_3B075000 C: FFFFFFFF/FFFFFFF_3B083A44 D: FFFFFFFF/00000000_BB07B014 E: 00000000/00000000_BB083B76 F: 00000000/00000000_000040B0 END OF SYMPTOM DUMP CA Fast Load for DB2 for z/OS (PFL) may fail with ABEND S0CF in module UTLSVALS when loading a table with columns that use FIELDPROC with the following symptom dump: SYSTEM COMPLETION CODE=0CF REASON CODE=0000000F TIME=09.11.51 SEQ=04873 CPU=0000 ASID=0314 PSW AT TIME OF ERROR 478C2400 BB3E97FC ILC 2 INTC OF ACTIVE MODULE ADDRESS=00000000_3B3E8FC0 OFFSET=0000083C NAME=UTLSVALS DATA AT PSW 3B3E97F6 - 6A10BE68 2D13B37F 00112821 GR 0: 00000000 1: 00000006 2: 00FD41B8 3: 00000000 4: 00004090 5: 0000025A 6: 3B7235BC 7: 3B941108 8: 00000000 9: 002DB000 A: 000A2760 B: BB3E8FC0 C: 000E4A30 D: 00010958 E: BB3E92D6 F: 00000000 END OF SYMPTOM DUMP IMPACT: Program fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Base Install</td><td>Version 20.0</td></tr> <tr> <td>CA DBM Solutions for DB2 for z/OS Utility General Recovery</td><td>Version 20.0</td></tr> <tr> <td>CA Database Analyzer 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> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: GEN 1438 Copyright (C) 2020 CA. All rights reserved. R01108-D200-SP1 DESC(ERRORS WITH FIELDPROC OR NATIONAL CHARS IN DB2 IDENTIFIERS). ++VER (Z038) FMID (CINSK00) PRE (S009761 S010514 S012819 S013682) SUP (AS12819 BS12819 S013230 ST11654 ST13230 ST14816 ST14901) ++HOLD (S014901) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20268) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+	CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0	CA DBM Solutions for DB2 for z/OS Utility General Recovery	Version 20.0	CA Database Analyzer for DB2 for z/OS	Version 20.0	CA Rapid Reorg for DB2 for z/OS	Version 20.0	CA Fast Load for DB2 for z/OS	Version 20.0
CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0										
CA DBM Solutions for DB2 for z/OS Utility General Recovery	Version 20.0										
CA Database Analyzer for DB2 for z/OS	Version 20.0										
CA Rapid Reorg for DB2 for z/OS	Version 20.0										
CA Fast Load for DB2 for z/OS	Version 20.0										

Service	Details
	<pre> 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! 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
SO14902	SO14902 M.C.S. ENTRIES = ++PTF (SO14902) QUICK EXPLAIN REGULAR MODE USES WRONG TARGET SSID PROBLEM DESCRIPTION: In CA Plan Analyzer for DB2 for z/OS (PPA), a quick explain in regular mode uses the wrong target SSID from explain global options instead of the specified SQL source target SSID. SYMPTOMS: The SQL source target SSID is set to D12A and the explain option global target SSID is set to DC11, but when the quick explain generates the explain cards the wrong SSID is specified in the TARGET card. TARGET = (DC11(@@RULDBA)) IMPACT: The quick explain may execute against the wrong target SSID. CIRCUMVENTION: Manually edit the explain card TARGET to specify the correct target SSID, or use quick explain expert mode as a work around. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 1033 Copyright (C) 2020 CA. All rights reserved. R01109-D200-SP1 DESC(QUICK EXPLAIN REGULAR MODE USES WRONG TARGET SSID). ++VER (Z038) FMID (CPPAK00) PRE (R096584 S001404 S004462 S008581 S012068 S012267 S012655) SUP (ST14902) CSECT(PPA\$ESEX,PPA\$ESE2,PPA\$ESE3,PPA\$ESE5,PPA\$ESE6) .

Service	Details
SO14923	SO14923 M.C.S. ENTRIES = ++PTF (SO14923) SUPPORT FOR NEW SYSPARM TO CONTROL COLLECTION OF SQL STATS ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) introduces a new SYSPARM HIST-SQL-MULTIPLE in order to control the collection of SQL statistics. These statistics include IFCID records 316/1043 and 401/1041. To determine the frequency of SQL statistics collection, in minutes, multiply the values set by HIST-SQL-MULTIPLE and HISTORY-STATS-TIME. For example: If HISTORY-STATS-TIME=1 and HIST-SQL-MULTIPLE=15, the SQL statistics are collected every 15 minutes. If HIST-SQL-MULTIPLE is set to 0 or 1, HISTORY-STATS-TIME controls the frequency of SQL statistics collection. For example: if HISTORY-STATS-TIME=5 and HIST-SQL-MULTIPLE=0, the SQL statistics are collected every 5 minutes. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2519 Copyright (C) 2020 CA. All rights reserved. R01110-D200-SP1 DESC(SUPPORT FOR NEW SYSPARM TO CONTROL COLLECTION OF SQL STATS). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S009519 S009556 S010160 S011616 S011977 S012769 S013557 S013891 S014016 S014099 S014164 S014389 S014642 S014843) SUP (R097683 S013032 ST13032 ST14923 TR97683) CSECT (NUHSTLOM) . CSECT (NUHSTRDC,NUHSTRDM) .

Service	Details
SO14949	SO14949 M.C.S. ENTRIES = ++PTF (SO14949) DDL REDO/UNDO REPORT GENERATED SQL FAIL WITH SQLCODE -104 PROBLEM DESCRIPTION: CA Log Analyzer for DB2 FOR Z/OS (PLA) REDO/UNDO DDL report generates only one quote (') into a text of COMMENT or LABEL. SYMPTOMS: Execution of a generated SQL fails with SQLCODE -104. IMPACT: Generated SQL cannot be executed. CIRCUMVENTION: Double all quotes (') within text of COMMENTS or LABELs in a generated SQL. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Release 20.0 Related Problem: PLA 1321 Copyright (C) 2020 CA. All rights reserved. R01112-D200-SP1 DESC(DDL REDO/UNDO REPORT GENERATED SQL FAIL WITH SQLCODE -104). ++VER (Z038) FMID (CPLAK00) PRE (R099559 S000020 S000975 S001403 S004245 S004461 S006119 S008802 S009083 S009133 S010677 S011113 S011419 S011669 S012797 S012889 S012900 S013009 S013625 S013879 S014137 S014142 S014613 S014866) SUP (ST14924 ST14949) CSECT(LAA@DOFS,#@XFCALR) .

Service	Details	
SO14984	SO14984	M.C.S. ENTRIES = ++PTF (SO14984)
	S878 WITH MANY PFU INVOCATIONS IN A SINGLE STEP PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may fail with the S878 abend code when there are many PFU invocations in a single step. SYMPTOMS: PFU job ends with S878 abend. IMPACT: Processing fails. CIRCUMVENTION: Split the the PFU invocations into multiple steps. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 19.0 CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1106 Copyright (C) 2020 CA. All rights reserved. R01113-D200-SP1 DESC(S878 WITH MANY PFU INVOCATIONS IN A SINGLE STEP) . ++VER (Z038) FMID (CPFUK00) PRE (R096582 R099558 S000019 S001402 S001818 S004460 S005013 S006118 S006867 S007171 S007812 S008068 S008112 S008585 S008860 S009025 S010043 S010175 S011108 S011236 S011997 S012108 S012151 S012197 S013151 S013707 S013766 S013960 S014032 S014382 S014501) SUP (AR99558 AS08585 AS10023 AS10175 S000295 S008352 S009675 S010023 S010107 S010442 S011052 S011993 S013437 ST00295 ST03708 ST08352 ST09675 ST10023 ST10106 ST10107 ST10442 ST11052 ST11993 ST13123 ST13437 ST14984) ++HOLD (SO14984) SYSTEM FMID(CPFUK00) REASON (MSGSKEL) DATE (20272) COMMENT (<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 * </pre>	

Service	Details
	***** 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.).

CA DB2 Tools 20.0
CA RS 2010 Product/Component Listing

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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 2010 Product/Component Count for this release is 27

CA RS Level	Service	FMID
CAR2010	S014984	CPFUK00
	S014949	CPLAK00
	S014923	CIDBK00
	S014902	CPPAK00
	S014901	CINSK00
	S014899	CINSK00
	S014883	CIDBK00
	S014876	CINSK00
	S014874	CINSK00
	S014866	CPLAK00
	S014865	CINSK00
	S014864	CIDBK00
	S014863	CUGRK00
	S014861	CPSAK00
	S014860	CPDTK00
	S014859	CINSK00
	S014853	CIDBK00
	S014843	CIDBK00
	S014842	CPRFK00
	S014836	CPBAK00
	S014835	CINSK00
	S014833	CRCUK00
	S014832	CINSK00
	S014827	CINSK00
	S014782	CPDTK00
	S014773	CPUTK00
	S014772	CPFLK00
	S014771	CINSK00
	S014756	CINSK00
	S014754	CIDBK00
	S014732	CPDAK00
	S014731	CINSK00
	S014721	CINSK00
	S014716	CINSK00
	S014694	CPFLK00
	S014681	CPSAK00
	S014680	CPDTK00
	S014675	CPRFK00
	S014655	COFSK00
	S014642	CIDBK00
CAR2009	S014641	CUGRK00
	S014640	CPRRK00
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	S014623	CINSK00
	S014615	CINSK00

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	S014613	CPLAK00
	S014583	CINSK00
	S014570	COFSK00
	S014568	CUGRK00
	S014567	CPUTK00
	S014566	CINSK00
	S014565	CPDAK00
	S014531	CIDBK00
	S014502	CPUTK00
	S014501	CPFUK00
	S014500	CINSK00
	S014491	CINSK00
	S014483	CUGRK00
	S014452	CPLAK00
	S014433	CPFLK00
	S014428	CPUTK00
	S014427	CPFLK00
	S014426	CRCQK00
	S014404	CPRFK00
	S014401	CINSK00
	S014400	CPPAK00
	S014397	CPDTK00
	S014383	CPUTK00
	S014382	CPFUK00
	S014381	CINSK00
	S014338	CPDTK00
	S014335	CRCQK00
	S014310	CUTSK00
	S014307	CRCQK00
	S014299	CPDTK00
	S014298	CINSK00
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	S014254	CIDBK00
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	S013888	CINSK00
CAR2008	S014252	CPFLK00

CA RS Level	Service	FMID
	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
	S013814	CINSK00

CA RS Level	Service	FMID
	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
	S013450	CPDTK00

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S013066	CPFLK00

CA RS Level	Service	FMID
	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
	S012730	CPUTK00

CA RS Level	Service	FMID
	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	CRCCK00
	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
	S012396	CINSK00

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S012031	CINSK00

CA RS Level	Service	FMID
	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
	S011737	CINSK00

CA RS Level	Service	FMID
	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
	S011475	CINSK00

CA RS Level	Service	FMID
	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
	S011107	CPFLK00

CA RS Level	Service	FMID
	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
	S010703	CINSK00

CA RS Level	Service	FMID
	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
	S010250	COFSK00

CA RS Level	Service	FMID
	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
	S009954	CPRRK00

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All CA RS Levels Service List

CA RS Level	Service	FMID
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCSK00
	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
	S009675	CPFUK00

CA RS Level	Service	FMID
	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	CRCCK00
	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
	S009146	CINSK00

CA RS Level	Service	FMID
	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
	S008859	CINSK00

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All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S008429	CPUTK00

CA RS Level	Service	FMID
	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
	S008008	CPLAK00

CA RS Level	Service	FMID
	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
CAR1903	S007412	CINSK00

CA RS Level	Service	FMID
	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	CRCCK00
	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
	S006237	CPDTK00

CA RS Level	Service	FMID
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRC SK00
	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
	S005010	CIDBK00

CA RS Level	Service	FMID
	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
	S004244	CINSK00

CA RS Level	Service	FMID
	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	CRCCK00
	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
	S001412	CPXNK00

CA RS Level	Service	FMID
	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
	S000023	CPRRK00

CA RS Level	Service	FMID
	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	CRC SK00
	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
CAR1711	R098496	CPRFK00

CA RS Level	Service	FMID
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRCCK00
	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
	R096578	CPBAK00

CA RS Level	Service	FMID
	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