

Service	Description	Type
S015004	LINE NUMBER ON TERMINATION PROFILE GROUP LIST DISPLAY RESET	PTF
S015015	MULTIPLE ABENDS DURING THE EXECUTION OF FAST LOAD (PFL)	PTF
S015031	CATALOG TABLE DIRECTORY SERVICE TO SUPPORT V12R1M508	PTF
S015045	REMOVE VERSION DEPENDENCY ON XMANID SETTING	PTF
S015049	FIELDNAME-EXPRESSION ON A VARCHAR IQL FIELD CAUSES ABENDS	PTF
S015061	ALTER TS, INDEX PAGENUM AND DSSIZE AT PART LEVEL SUPPORT	PTF
S015062	ALTER TS, INDEX PAGENUM AND DSSIZE AT PART LEVEL SUPPORT	PTF
S015064	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
S015070	SUPPORT FOR DISK CACHE WAIT & COUNTER - THREAD ACCOUNTING	PTF
S015072	SQLCODE = -302 WHEN NATIONAL CHARACTERS ARE IN DB OR TS NAME	** PRP **
S015073	TAKING SQL TEXT OUT OF -805 SQL ERRORS	PTF
S015074	REORG FAILS IN RUNSTATS WHEN PARTITIONED INDEX PRESENT	PTF
S015075	IMBED FILE 'BOPTS11' MISSING WHEN INSALLING PTF S014835	** PRP **
S015086	Security or Integrity Problem	** PRP **
S015094	STORAGE GROUP DISPLAYS INCORRECT *NONE*	PTF
S015122	MTC PERFORMANCE IMPROVEMENTS	PTF
S015124	REORG FAILS IN RUNSTATS WHEN PARTITIONED INDEX PRESENT	PTF
S015129	Security or Integrity Problem	PTF
S015130	Security or Integrity Problem	** PRP **
S015132	SHOW ADDITIONAL DSNZPARMS ON THE DSNZPARM DISPLAY	PTF
S015174	EXCESSIVE QUIESCES	** PRP **
S015184	SQL PARSER ERROR IN CREATE VIEW WITH SKIP LOCKED DATA CLAUSE	PTF
S015191	OBJECT TYPES PR AND SQ ARE MISSING FROM HELP PANEL RMHASS02	PTF
S015199	DETECTOR MAY TAKE PDT0105 ABEND AND TERMINATE THE COLLECTION	PTF
S015205	CORRECT USS SMP/E SCRIPT	PTF
S015215	DDL NOT GENERATED WHEN ALTERING LIMIT KEY OF BIGINT COLUMN	PTF
S015220	ALTER KEYLABEL IN DDL	PTF
S015225	HDDL ON TABLE FAILS WHEN GENGRANT IS 'Y' WITH 8,116	PTF
S015235	SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508	PTF
S015236	SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508	PTF
S015237	SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508	PTF
S015238	SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508	PTF
S015254	INCOMPATIBILITY IN DIFFERENT MAINTENANCE LEVELS	** PRP **
S015255	SIMPLIFY HELP PANELS OF RECENTLY USED OBJECTS LIST	PTF
S015271	PFL ABENDOC4-04 WHEN A NEW PBG PART IS ADDED DURING LOAD	PTF
S015308	CORRUPTION OF DSSIZE=4GB LOB TABLESPACE DURING IMAGE COPY	*HIP/PRP*
S015311	RECOVERY ESTIMATOR INITIAL RELEASE	PTF
S015312	RECOVERY ESTIMATOR INITIAL RELEASE	PTF
S015313	RECOVERY ESTIMATOR INITIAL RELEASE	PTF
S015314	RECOVERY ESTIMATOR INITIAL RELEASE	PTF
The CA RS 2011 service count for this release is 40		

CA DB2 Tools
CA RS 2011 Service List for CIDBK00

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FMID	Service	Description	Type
CIDBK00	S015049	FIELDNAME-EXPRESSION ON A VARCHAR IQL FIELD CAUSES ABENDS	PTF
	S015070	SUPPORT FOR DISK CACHE WAIT & COUNTER - THREAD ACCOUNTING	PTF
	S015254	INCOMPATIBILITY IN DIFFERENT MAINTENANCE LEVELS	** PRP **
The CA RS 2011 service count for this FMID is 3			

FMID	Service	Description	Type
CINSK00	S015004	LINE NUMBER ON TERMINATION PROFILE GROUP LIST DISPLAY RESET	PTF
	S015031	CATALOG TABLE DIRECTORY SERVICE TO SUPPORT V12R1M508	PTF
	S015045	REMOVE VERSION DEPENDENCY ON XMANID SETTING	PTF
	S015061	ALTER TS, INDEX PAGENUM AND DSSIZE AT PART LEVEL SUPPORT	PTF
	S015072	SQLCODE = -302 WHEN NATIONAL CHARACTERS ARE IN DB OR TS NAME	** PRP **
	S015075	IMBED FILE 'BOPTS11' MISSING WHEN INSALLING PTF S014835	** PRP **
	S015122	MTC PERFORMANCE IMPROVEMENTS	PTF
	S015129	Security or Integrity Problem	PTF
	S015132	SHOW ADDITIONAL DSNZPARMS ON THE DSNZPARM DISPLAY	PTF
	S015205	CORRECT USS SMP/E SCRIPT	PTF
	S015215	DDL NOT GENERATED WHEN ALTERING LIMIT KEY OF BIGINT COLUMN	PTF
	S015311	RECOVERY ESTIMATOR INITIAL RELEASE	PTF
The CA RS 2011 service count for this FMID is 12			

CA DB2 Tools
CA RS 2011 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	S015062	ALTER TS, INDEX PAGENUM AND DSSIZE AT PART LEVEL SUPPORT	PTF
	S015225	HDDL ON TABLE FAILS WHEN GENGRANT IS 'Y' WITH 8,116	PTF
The CA RS 2011 service count for this FMID is 2			

CA DB2 Tools
CA RS 2011 Service List for CPDAK00

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FMID	Service	Description	Type
CPDAK00	S015130	Security or Integrity Problem	** PRP **
The CA RS 2011 service count for this FMID is 1			

CA DB2 Tools
CA RS 2011 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	S015073	TAKING SQL TEXT OUT OF -805 SQL ERRORS	PTF
	S015199	DETECTOR MAY TAKE PDT0105 ABEND AND TERMINATE THE COLLECTION	PTF
The CA RS 2011 service count for this FMID is 2			

CA DB2 Tools
CA RS 2011 Service List for CPFLK00

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FMID	Service	Description	Type
CPFLK00	S015015	MULTIPLE ABENDS DURING THE EXECUTION OF FAST LOAD (PFL)	PTF
	S015235	SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508	PTF
	S015312	RECOVERY ESTIMATOR INITIAL RELEASE	PTF
The CA RS 2011 service count for this FMID is 3			

CA DB2 Tools
CA RS 2011 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	S015086	Security or Integrity Problem	** PRP **
	S015236	SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508	PTF
The CA RS 2011 service count for this FMID is 2			

CA DB2 Tools
CA RS 2011 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	S015064	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	S015220	ALTER KEYLABEL IN DDL	PTF
The CA RS 2011 service count for this FMID is 2			

CA DB2 Tools
CA RS 2011 Service List for CPRFK00

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FMID	Service	Description	Type
CPRFK00	S015255	SIMPLIFY HELP PANELS OF RECENTLY USED OBJECTS LIST	PTF
The CA RS 2011 service count for this FMID is 1			

CA DB2 Tools
CA RS 2011 Service List for CPRRK00

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FMID	Service	Description	Type
CPRRK00	SO15124	REORG FAILS IN RUNSTATS WHEN PARTITIONED INDEX PRESENT	PTF
	SO15237	SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508	PTF
	SO15313	RECOVERY ESTIMATOR INITIAL RELEASE	PTF
The CA RS 2011 service count for this FMID is 3			

CA DB2 Tools
CA RS 2011 Service List for CPSAK00

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FMID	Service	Description	Type
CPSAK00	SO15094	STORAGE GROUP DISPLAYS INCORRECT *NONE*	PTF
The CA RS 2011 service count for this FMID is 1			

CA DB2 Tools
CA RS 2011 Service List for CPUTK00

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FMID	Service	Description	Type
CPUTK00	S015074	REORG FAILS IN RUNSTATS WHEN PARTITIONED INDEX PRESENT	PTF
	S015174	EXCESSIVE QUIESCES	** PRP **
	S015238	SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508	PTF
	S015271	PFL ABEND0C4-04 WHEN A NEW PBG PART IS ADDED DURING LOAD	PTF
	S015314	RECOVERY ESTIMATOR INITIAL RELEASE	PTF
The CA RS 2011 service count for this FMID is 5			

CA DB2 Tools
CA RS 2011 Service List for CRCMK00

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FMID	Service	Description	Type
CRCMK00	SO15191	OBJECT TYPES PR AND SQ ARE MISSING FROM HELP PANEL RMHASS02	PTF
The CA RS 2011 service count for this FMID is 1			

CA DB2 Tools
CA RS 2011 Service List for CSQ2100

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FMID	Service	Description	Type
CSQ2100	S015184	SQL PARSER ERROR IN CREATE VIEW WITH SKIP LOCKED DATA CLAUSE	PTF
The CA RS 2011 service count for this FMID is 1			

CA DB2 Tools
CA RS 2011 Service List for CUGRK00

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FMID	Service	Description	Type
CUGRK00	S015308	CORRUPTION OF DSSIZE=4GB LOB TABLESPACE DURING IMAGE COPY	*HIP/PRP*
The CA RS 2011 service count for this FMID is 1			

Service	Details
SO15004	SO15004 M.C.S. ENTRIES = ++PTF (SO15004) LINE NUMBER ON TERMINATION PROFILE GROUP LIST DISPLAY RESET PROBLEM DESCRIPTION: In CA Thread Termination/Dynamic ZPARM for DB2 for z/OS (PTT), after a "V -View/Modify Termination Profile Group" option has been entered on the "View Termination Profile Group List" display, line 1 of the dynamic display area always appears when the user backs out to return to the "View Termination Profile Group List" display. This may be inconvenient for users that have a large number of termination profile groups within a single thread monitor profile. SYMPTOMS: After a "V -View/Modify Termination Profile Group" option has been entered on the "View Termination Profile Group List" display, line 1 of the dynamic display area always appears when the user backs out to return to the "View Termination Profile Group List" display. IMPACT: Users that have a large number of termination profile groups within a single thread monitor profile may be inconvenienced. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Management Solution for DB2 for zOS Base Install Version 19.0 CA Database Management Solution for DB2 for zOS Base Install Version 20.0 Related Problem: PTT 367 Copyright (C) 2020 CA. All rights reserved. R01115-D200-SP1 DESC(LINE NUMBER ON TERMINATION PROFILE GROUP LIST DISPLAY RESET). ++VER (Z038) FMID (CINSK00) SUP (ST15004)

Service	Details
SO15015	SO15015 M.C.S. ENTRIES = ++PTF (SO15015) MULTIPLE ABENDS DURING THE EXECUTION OF FAST LOAD (PFL) PROBLEM DESCRIPTION: This APAR corrects two abends when running CA Fast Load for DB2 for z/OS (PFL). 1 - ABEND SOC4-04 when loading into a table containing two or more LOB columns. 2 - S0F8 abend code when the following conditions are met: - OUTPUT-CONTROL BUILD. - ZIIP YES. - There are discards. SYMPTOMS: 1 - The LOAD JOBSTEP may fail with ABENDOC4 and the following symptom dump is produced: SYSTEM COMPLETION CODE=OC4 REASON CODE=00000004 TIME=14.09.24 SEQ=03911 CPU=0000 ASID=0037 PSW AT TIME OF ERROR 078C2000 96A53534 ILC 4 INTC 04 ACTIVE MODULE ADDRESS=00000000_16A51000 OFFSET=00002534 NAME=FLLMINI DATA AT PSW 16A5352E - 807A5020 F0185060 F0105080 AR/GR 0: 1FFFFFFF/00000000 1: 00000000/1682EFE8 2: 00000000/16868C54 3: 00000000/000007F0 4: 00000000/00000000 5: 00000000/00000000 6: 00000000/168685F0 7: 00000000/168AFA20 8: 00000000/16868030 9: 00000000/167EBA40 A: 00000000/16636670 B: 00000000/16A51000 C: 00000000/16A53258 D: 00000000/00018C68 E: 00000000/00000030 F: 00000000/1682EFF0 END OF SYMPTOM DUMP 2 - The LOAD JOBSTEP may fail with S0F8 IMPACT: Processing fails. CIRCUMVENTION: 1 - None. 2 - Specify ZIIP NO or OUTPUT-CONTROL ALL PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Related Problem: PFL 1302 Copyright (C) 2020 CA. All rights reserved. R01116-D200-SP1 DESC(MULTIPLE ABENDS DURING THE EXECUTION OF FAST LOAD (PFL)). ++VER (Z038) FMID (CPFLK00) PRE (R096581 R097708 S000018 S000081 S000704 S004459 S005012 S006117 S006866 S007170 S008071 S008378 S009977 S010752 S011235 S011601 S011846 S011996 S012128 S012150 S013066 S013175 S013203 S014031 S014772) SUP (AS09180 AS13203 AS14433 S009180 S009378 S011325 S014025 S014433 S014694 ST05071 ST09180 ST09378 ST11325 ST14018 ST14025 ST14433 ST14694 ST15015)

Service	Details
SO15031	SO15031 M.C.S. ENTRIES = ++PTF (SO15031) CATALOG TABLE DIRECTORY SERVICE TO SUPPORT V12R1M508 ENHANCEMENT DESCRIPTION: Internal enhancement to add support for Db2 12 Function Level V12R1M508 to the internal Catalog Table Directory Service of CA Database Management Solutions for DB2 for z/OS. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 1411 Copyright (C) 2020 CA. All rights reserved. R01117-D200-SP1 DESC(CATALOG TABLE DIRECTORY SERVICE TO SUPPORT V12R1M508). ++VER (Z038) FMID (CINSK00) PRE (R099553 S004455 S006863 S007807 S009426 S013574) SUP (S010662 ST10662 ST15031)

Service	Details
SO15045	SO15045 M.C.S. ENTRIES = ++PTF (SO15045) REMOVE VERSION DEPENDENCY ON XMANID SETTING ENHANCEMENT DESCRIPTION: The Xmanager (PXM) component is being updated to support a planned architectural enhancement. This internal enhancement does not affect existing product functionality. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PXM 224 Copyright (C) 2020 CA. All rights reserved. R01118-D200-SP1 DESC(REMOVE VERSION DEPENDENCY ON XMANID SETTING). ++VER (Z038) FMID (CINSK00) PRE (S004455 S006113 S011317 S013717 S013839) SUP (ST15045) ++HOLD (SO15045) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20294) 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 compromise the operating system/DB2 including possible failures.).</pre>

Service	Details
SO15049	SO15049 M.C.S. ENTRIES = ++PTF (SO15049) The following items are included in this solution: 1. FIELDNAME-EXPRESSION ON A VARCHAR IQL FIELD CAUSES ABENDS 2. IDB2 - 2MB STORAGE LEAK IN ONLINE REQUEST MVSENQS. 3. BATCH REPORT WRITER FOR 'ARCISTS' SHOWS INCORRECT RECORD 4. LONG WORKSTATION NAME DOES NOT APPEAR IN THRDDETL & HTDETL 5. REDUCE FREQUENCY OF ACCT HISTORY PERCENT FULL CALCULATION 6. DOCUMENTATION UPDATE WITH ARCHIVAL RECOMMENDATIONS ===== FIELDNAME-EXPRESSION ON A VARCHAR IQL FIELD CAUSES ABENDS PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) Fieldname-Expression specification on a VARCHAR type IQL field causes multiple abends due to storage overlays. SYMPTOMS: If Fieldname-Expression is specified on VARCHAR type IQL field without Print Format (PF), multiple abends will occur due to storage overlays. Abends: S0C4, U0032(multiple times) or S0C1. The abend codes may differ each time and data collector will eventually stop. Ex: CMD-TXT-VAR (,2,3) (PF=A5) --> OK CMD-TXT-VAR (,2,3) --> Will result in multiple abends. IMPACT: Fieldname-Expression cannot be used on any VARCHAR type IQL field. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2488 ===== IDB2 - 2MB STORAGE LEAK IN ONLINE REQUEST MVSENQS. PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) online request MVSENQS has a storage leak of 2MB each time you hit <enter>. SYMPTOMS: Gradual accumulation of Key 8 storage above the line in the data collector address space. IMPACT: Unnecessary storage consumption can cause problems. CIRCUMVENTION: NONE. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2512 ===== BATCH REPORT WRITER FOR 'ARCISTS' SHOWS INCORRECT RECORD PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) may generate records in incorrect order for archive unload datasets for IQLs ARCISTS(SUBSYSTEM_DAILY) and ARCISTD (SUBSYSTEM_DETAIL). The issue occurs due overlapping of intervals. Hence you may observe the

Service	Details
	incorrect order close to UNLOAD-TO-TIME(SYSPARM) interval. SYMPTOMS: Generated records may be in incorrect interval order. IMPACT: Archive table records may not be in expected interval order. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2521 ===== LONG WORKSTATION NAME DOES NOT APPEAR IN THRDDETL & HTDETL PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) does not show Long End User Workstation name in THRDDETL and HTDETL reports. SYMPTOMS: Long Workstation name does not appear in THRDDETL and HTDETL reports. IMPACT: Users cannot get the information on Long Workstation name. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2523 ===== REDUCE FREQUENCY OF ACCT HISTORY PERCENT FULL CALCULATION PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector computation of percent full for the accounting history file is not done at optimal frequency. SYMPTOMS: CPU usage by the data collector trace task increases as the size of the history files increase. IMPACT: The increased overhead in the trace task may result in lost trace records from DB2. CIRCUMVENTION: If you are not using the automatic archive unload job to offload history data, you may set the SYSPARMS HISTARCH-STATS-PCT and HISTARCH-ACCT-PCT to ZERO. Otherwise, you must apply this PTF to gain the reduction in CPU overhead. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 19.0 CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2530 ===== DOCUMENTATION UPDATE WITH ARCHIVAL RECOMMENDATIONS PROBLEM DESCRIPTION: SYMPTOMS: IMPACT: CIRCUMVENTION:

Service	Details
	PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2531 Copyright (C) 2020 CA. All rights reserved. R01119-D200-SP1 DESC (FIELDNAME-EXPRESSION ON A VARCHAR IQL FIELD CAUSES ABENDS) . ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R099552 S000077 S001395 S004454 S006112 S006862 S007806 S008846 S009519 S010160 S010739 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014016 S014099 S014642 S014754 S014843 S014923) SUP (R097683 S014531 ST14358 ST14531 ST15049 TR97683) CSECT(NGRABP4C,NGRABP4) . CSECT(NPFLDLSC,NPFLDLST) . CSECT(NPLEXDAT,NPLEXSYM,SYMTBLE) . CSECT(NSIRECMG,NSIRECM#) . CSECT(NUHSTLOM) .

Service	Details
SO15061	SO15061 M.C.S. ENTRIES = ++PTF (SO15061) ALTER TS, INDEX PAGENUM AND DSSIZE AT PART LEVEL SUPPORT ENHANCEMENT DESCRIPTION: The Object Framework Service (OFS) component in the CA Database Management Solutions for DB2 for z/OS has been enhanced to support the DSSIZE clause for ALTER INDEX and ALTER TABLESPACE and PAGENUM clause for ALTER TABLESPACE. PRODUCT(S) AFFECTED: CA Log Analyzer DB2 for z/OS Release 20.0 Related Problem: OFS 699 Copyright (C) 2020 CA. All rights reserved. R01120-D200-SP1 DESC(ALTER TS, INDEX PAGENUM AND DSSIZE AT PART LEVEL SUPPORT). ++VER (Z038) FMID (CINSK00) SUP (ST14987 ST15061) ++IF FMID(COFSK00) REQ(SO15062) .

Service	Details
SO15062	SO15062 M.C.S. ENTRIES = ++PTF (SO15062) ALTER TS, INDEX PAGENUM AND DSSIZE AT PART LEVEL SUPPORT ENHANCEMENT DESCRIPTION: The Object Framework Service (OFS) component in the CA Database Management Solutions for DB2 for z/OS has been enhanced to support the DSSIZE clause for ALTER INDEX and ALTER TABLESPACE and PAGENUM clause for ALTER TABLESPACE. PRODUCT(S) AFFECTED: CA Log Analyzer DB2 for z/OS Release 20.0 Related Problem: OFS 699 Copyright (C) 2020 CA. All rights reserved. R01120-D200-SP1 DESC(ALTER TS, INDEX PAGENUM AND DSSIZE AT PART LEVEL SUPPORT). ++VER (Z038) FMID (COFSK00) PRE (R096577 R097705 R099554 S001397 S004456 S006114 S006864 S008435 S009106 S012362) SUP (ST14988 ST15062) ++IF FMID(CINSK00) REQ(SO15061) . ++HOLD (SO15062) SYSTEM FMID(COFSK00) REASON (MSGSKEL) DATE (20276) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Object Framework Services 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		
SO15064	SO15064 M.C.S. ENTRIES = ++PTF (SO15064) 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 Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1287 Copyright (C) 2020 CA. All rights reserved. R01121-D200-SP1 DESC (INFRASTRUCTURE FOR FUTURE ENHANCEMENT) . ++VER (Z038) FMID (CPLAK00) PRE (R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S006718 S006868 S007382 S007813 S008008 S008802 S008870 S009083 S009108 S009133 S009252 S009333 S010641 S010677 S011113 S011669 S011782 S011969 S012173 S012364 S012487 S012797 S012889 S012900 S012935 S013009 S013625 S013879 S014137 S014613 S014866) SUP (ST15064) ++HOLD (SO15064) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (20282) COMMENT (<table border="1"> <tr> <td>CA Log Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> 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!	CA Log Analyzer for DB2 for z/OS	Version 20.0
CA Log Analyzer for DB2 for z/OS	Version 20.0		

Service	Details
	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.). ++HOLD (SO15064) SYSTEM FMID(CPLAK00) REASON (DB2DDL) DATE (20282) COMMENT (+-----+ CA Log Analyzer for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Alter CA DB2 Tools objects +-----+ USERS AFFECTED All Users. +-----+ KNOWLEDGE 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/altered 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 (SO15064) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (20282) COMMENT (+-----+ CA Log Analyzer for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+

Service	Details
	<pre> 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.). CSECT (LAA\$BLDS,#@XFCALN) . CSECT (LAA\$CDSP,#@XFCALN) . CSECT (LAA\$FTS4,#@XFCALN) . CSECT (LAA\$MAIN,LAA\$CVT,\$OUTPUT,#@XFCALN) . CSECT (LAA\$SRES,#@XFCALN) . CSECT (LAA\$STRT,#@XFCALN) . CSECT (LAA@CTLB,LAA@CVT,#@XFCALN) . CSECT (LAA@CVTB,LAA@CVT,LAHASHTB) . </pre>

Service	Details
S015070	S015070 M.C.S. ENTRIES = ++PTF (S015070) The following items are included in this solution: 1. SUPPORT FOR DISK CACHE WAIT & COUNTER - THREAD ACCOUNTING 2. NEW EXCEPTION FIELDS CAUSE SOC1 IN IDB2 WITH OLDER MAINT. ===== SUPPORT FOR DISK CACHE WAIT & COUNTER - THREAD ACCOUNTING ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds support for the new fields in the ACCT(IFCID 0003),THREAD-STATS(IFCID 0148), CONNECTION-STATS (IFCID 0369) and APM-APPL-SUM (IFCID 1044) trace records. The following fields were added: Introduced from Db2 11 fields: DISK-CACHE-IO-WAIT - Accumulated wait time for synchronous read I/O operations that resulted in Disk Cache hits. DISK-CACHE-IO-COUNT - The number of synchronous read I/O operations which hit disk cache, but did not use zHyperLink. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2518 ===== NEW EXCEPTION FIELDS CAUSE SOC1 IN IDB2 WITH OLDER MAINT. PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) may abend with SOC1, when an application exception definition has new time based (Wait time, elapsed etc.) exception field but the Data Collector(DC) runs with older maintenance level. The scenario may occur when an exception file is shared between DCs that run on different maintenance levels. SYMPTOMS: IDB2 data collector with older maintenance may abend with SOC1. IMPACT: An IDB2 exception file, with such exceptions defined, cannot be shared between data collectors that run on different maintenance levels. CIRCUMVENTION: User may have to remove such application exception definition from exception file. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2532 Copyright (C) 2020 CA. All rights reserved. R01122-D200-SP1 DESC(SUPPORT FOR DISK CACHE WAIT & COUNTER - THREAD ACCOUNTING). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R099552 S001395 S004454 S006112 S006862 S006977 S007806 S008846 S009519 S009556 S009708 S010160 S010405 S010739 S010906 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014164 S014389 S014754 S014883 S014923 S015049) SUP (ST15070)

Service	Details
	CSECT (AMXACTDM) .
	CSECT (AMXACTDM) .
	CSECT (AMXACTDM) .
	CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) .
	CSECT (AMXXC3C,AMXXC3) .
	CSECT (IFCIDSCS) .
	CSECT (NCCEXCPC,NCCEXCPM) .
	CSECT (NDDELTA,NDDELTA) .
	CSECT (NDESTCRD,NDESTCR#) .
	CSECT (NDFMTSEC,NDFMTSEM) .
	CSECT (NGR1044C,NGR1044,NGAPMFLD) .
	CSECT (NGR1044C,NGR1044,NGAPMFLD) .
	CSECT (NGR1044C,NGR1044,NGAPMFLD) .
	CSECT (NPLEXDAT,NPLEXSYM,SYMTBLE) .
	CSECT (NSIJSON,NSIJSON#) .
	CSECT (NCCLIB2M) .
	CSECT (NSIRECCP,NSIRECC#) .
	CSECT (NSIREST,NSIREST#) .
	CSECT (UISORTC) .
	CSECT (NSIZDMC) .

Service	Details																						
SO15072	SO15072 M.C.S. ENTRIES = ++PTF (SO15072) SQLCODE = -302 WHEN NATIONAL CHARACTERS ARE IN DB OR TS NAME PROBLEM DESCRIPTION: CA Database Management Solutions for DB2 for z/OS may fail with SQL code -302 and User Abend U0202 or Return Code 8. The problem occurs when processing objects with national characters in the database or tablespace name when the name is more than 8-bytes in length when converted to Unicode. SYMPTOMS: The job fails with User Abend U0202 or with RC=8. The following messages are found in PTIMSG, JESMSGGLG or JESYSMSG: DSNT408I SQLCODE = -302, ERROR: THE VALUE OF INPUT VARIABLE OR PARAMETER NUMBER 2 IS INVALID OR TOO LARGE FOR THE TARGET COLUMN OR THE TARGET VALUE DSNT418I SQLSTATE = 22001 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXRIHB SQL PROCEDURE DETECTING ERROR DSNT416I SQLERRD = -275 0 0 8 0 0 SQL DIAGNOSTIC INFORMATION DSNT416I SQLERRD = X'FFFFFFEED' X'00000000' X'00000000' X'00000008' X'00000000' X'00000000' SQL DIAGNOSTIC INFORMATION IMPACT: The job fails. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: <table border="0"> <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 1439 Copyright (C) 2020 CA. All rights reserved. R01123-D200-SP1 DESC(SQLCODE = -302 WHEN NATIONAL CHARACTERS ARE IN DB OR TS NAME). ++VER (Z038) FMID (CINSK00) PRE (SO09761 SO10514 SO12819 SO13682) SUP (AS12819 BS12819 CS09761 SO13230 SO14901 ST11654 ST13230 ST14816 ST14901 ST15072) ++HOLD (SO15072) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20282) COMMENT (<table border="1"> <tr> <td>CA DBM Solutions for DB2 for z/OS Base In</td> <td>Version 20.0</td> </tr> <tr> <td>SEQUENCE</td> <td>After Apply</td> </tr> <tr> <td>PURPOSE</td> <td>Bind Plans and Packages</td> </tr> <tr> <td>USERS</td> <td></td> </tr> <tr> <td>AFFECTED</td> <td>All Users</td> </tr> <tr> <td>KNOWLEDGE</td> <td></td> </tr> </table>	CA 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 In	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE	
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 In	Version 20.0																						
SEQUENCE	After Apply																						
PURPOSE	Bind Plans and Packages																						
USERS																							
AFFECTED	All Users																						
KNOWLEDGE																							

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

Service	Details
S015073	S015073 M.C.S. ENTRIES = ++PTF (S015073) TAKING SQL TEXT OUT OF -805 SQL ERRORS PROBLEM DESCRIPTION: When CA Detector for DB2 for z/OS (PDT) gets a -805 SQL ERROR, any SQL text that is associated with it is not valid until the -805 SQL ERROR has been resolved. SYMPTOMS: The "DETECTOR SQL Error Call Text" panel displays invalid SQL text for -805 SQL ERRORS. IMPACT: Any SQL ERROR text that is associated with a -805 SQL ERROR is unreliable. CIRCUMVENTION: Ignore any SQL ERROR text associated with a -805 SQL ERROR. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 CA Detector for DB2 for z/OS Version 19.0 Related Problem: PDT 1706 Copyright (C) 2020 CA. All rights reserved. R01124-D200-SP1 DESC(TAKING SQL TEXT OUT OF -805 SQL ERRORS). ++VER (Z038) FMID (CPDTK00) PRE (R098429 S004458 S006334 S010908 S011694) SUP (ST15073) ++HOLD (S015073) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (20280) COMMENT (-----+ CA Detector for DB2 for z/OS

Service	Details
	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
SO15074	SO15074 M.C.S. ENTRIES = ++PTF (SO15074) REORG FAILS IN RUNSTATS WHEN PARTITIONED INDEX PRESENT PROBLEM DESCRIPTION: CA Rapid Reorg for DB2 for z/OS (PRR) fails with RC10 due to invalid syntax generated for the Db2 RUNSTATS utility. This problem occurs when the following conditions are true: 1. The tablespace is partitioned and the REORG statement is requested with selected partitions. 2. A partitioned index is within the scope of the reorganization. SYMPTOMS: The following messages appear in the PTIMSG output dataset: DSNU005I DSNUGPRS - TSDUMP.X160P08X PART 0004) 0004 DSNU049I DSNUGPRS - INVALID OPERAND '4' FOR KEYWORD 'RUNSTATS' PRR0028I - REORG TABLESPACE completed at 06:57:04 on 10-02-2020 - Highest return code = 010 IMPACT: Reorganization completes successfully but the batch job fails with RC08. Catalog statistics are not updated. CIRCUMVENTION: Run standalone RUNSTATS with all tablespace and indexspace objects within the scope of the reorganization. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utilities Common Version 20.0 Related Problem: PUT 821 Copyright (C) 2020 CA. All rights reserved. R01126-D200-SP1 DESC(REORG FAILS IN RUNSTATS WHEN PARTITIONED INDEX PRESENT). ++VER (Z038) FMID (CPUTK00) PRE (S000024 S007820 S011168 S011999 S012153) SUP (ST15074) ++IF FMID(CPRRK00) REQ(S015124) .

Service	Details
SO15075	SO15075 M.C.S. ENTRIES = ++PTF (SO15075) IMBED FILE 'BOPTS11' MISSING WHEN INSALLING PTF SO14835 PROBLEM DESCRIPTION: When installing PTF SO14835 for RC/Migrator for DB2 for z/OS(RCM), the message ISPF103 will be generated due to partial installation of the PTF. SYMPTOMS: * ISPF103 * * No imbed file * Imbed file 'BOPTS11' does not exist, RMA\$APM1 record-14 IMPACT: The installation of PTF SO14835 will not be complete. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3084 Copyright (C) 2020 CA. All rights reserved. R01127-D200-SP1 DESC(IMBED FILE 'BOPTS11' MISSING WHEN INSALLING PTF SO14835). ++VER (Z038) FMID (CINSK00) PRE (SO14835) SUP (AS14835 ST15075) ++HOLD (SO15075) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20283) COMMENT (<pre> +-----+ 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. +-----+-----+ ***** * 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. </pre>

Service	Details
	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.). VERSION(CPBAK00) .

Service	Details
SO15086	SO15086 M.C.S. ENTRIES = ++PTF (SO15086) Security or Integrity Problem PROBLEM DESCRIPTION: Security or Integrity Problem. SYMPTOMS. N/A IMPACT. Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1105 Copyright (C) 2020 CA. All rights reserved. R01128-D200-SP1 DESC(Security or Integrity Problem). ++VER (Z038) FMID (CPFUK00) PRE (S000019 S001657 S012151 S012276 S012527) SUP (AC15085 ST15086)

Service	Details
SO15094	SO15094 M.C.S. ENTRIES = ++PTF (SO15094) STORAGE GROUP DISPLAYS INCORRECT *NONE* PROBLEM DESCRIPTION: When using CA Subsystem Analyzer for DB2 for z/OS (PSA) and viewing the DSN Activity Display for Tablespace, an incorrect *NONE* STOGROUP is displayed for some of the DSN entries. SYMPTOMS: The tablespace may display invalid STOGROUP information. IMPACT: An incorrect STOGROUP is displayed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS R20.0 Related Problem: PSA 537 Copyright (C) 2020 CA. All rights reserved. R01129-D200-SP1 DESC (STORAGE GROUP DISPLAYS INCORRECT *NONE*). ++VER (Z038) FMID (CPSAK00) PRE (SO00871 SO06873 SO07204 SO09432 SO10867 SO11625 SO12926 SO14681) SUP (SO08123 ST08123 ST15094) ++HOLD (SO15094) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (20282) 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. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. </pre>)

Service	Details
	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
SO15122	SO15122 M.C.S. ENTRIES = ++PTF (SO15122) MTC PERFORMANCE IMPROVEMENTS ENHANCEMENT DESCRIPTION: The Mainframe Team Center user interface for the CA Database Management Solutions for Db2 for z/OS now has improved render times. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: PDT 1648 Copyright (C) 2020 CA. All rights reserved. R01132-D200-SP1 DESC(MTC PERFORMANCE IMPROVEMENTS). ++VER (Z038) FMID (CINSK00) PRE (S001396 S007807 S008825 S010061 S012323 S013484) SUP (S014168 S014491 ST11667 ST14168 ST14491 ST15122) LINK('.. /PDT/ui/mtc-dbm.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(PDTAAMKD,PRE) .

Service	Details
SO15124	M.C.S. ENTRIES = ++PTF (SO15124) REORG FAILS IN RUNSTATS WHEN PARTITIONED INDEX PRESENT PROBLEM DESCRIPTION: CA Rapid Reorg for DB2 for z/OS (PRR) fails with RC10 due to invalid syntax generated for the Db2 RUNSTATS utility. This problem occurs when the following conditions are true: 1. The tablespace is partitioned and the REORG statement is requested with selected partitions. 2. A partitioned index is within the scope of the reorganization. SYMPTOMS: The following messages appear in the PTIMSG output dataset: DSNU005I DSNUGPRS - TSDUMP.X160P08X PART 0004) 0004 DSNU049I DSNUGPRS - INVALID OPERAND '4' FOR KEYWORD 'RUNSTATS' PRR0028I - REORG TABLESPACE completed at 06:57:04 on 10-02-2020 - Highest return code = 010 IMPACT: Reorganization completes successfully but the batch job fails with RC08. Catalog statistics are not updated. CIRCUMVENTION: Run standalone RUNSTATS with all tablespace and indexspace objects within the scope of the reorganization. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utilities Common Version 20.0 Related Problem: PUT 821 Copyright (C) 2020 CA. All rights reserved. R01126-D200-SP1 DESC(REORG FAILS IN RUNSTATS WHEN PARTITIONED INDEX PRESENT). ++VER (Z038) FMID (CPRRK00) PRE (R096588 R098968 S000023 S000846 S005015 S006609 S009026 S009089 S009599 S009901 S009905 S009954 S011080 S011603 S011998 S012152 S013152 S013176 S013339 S013635) SUP (ST15124) ++IF FMID(CPUTK00) REQ(S015074) . ++HOLD (S015124) SYSTEM FMID(CPRRK00) REASON (MSGSKEL) DATE (20282) COMMENT (-----+----- CA Rapid Reorg 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 -----+-----

Service	Details
	<pre> 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(RRA\$PST,#@XFCALR). </pre>

Service	Details
SO15129	SO15129 M.C.S. ENTRIES = ++PTF (SO15129) Security or Integrity Problem PROBLEM DESCRIPTION: Security or Integrity Problem. SYMPTOMS. N/A IMPACT. Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PDA 1364 Copyright (C) 2020 CA. All rights reserved. R01134-D200-SP1 DESC(Security or Integrity Problem). ++VER (Z038) FMID (CINSK00) PRE (R097704 S000016 S003843 S004455 S004947 S007807 S009761 S011700 S013682) SUP (ST10962 ST11649 ST15099 ST15127 ST15129) ++IF FMID(CPDAK00) REQ(S015130) . CSECT(RAAMCTL,PDA2GLD,RSNCDCHK,DO#ESTAX,OWNCHECK,SBLDERR,ATTACH1, TASKMSG,MCTLVERC,MCTLEXTI,MCTLEXTM,SLIPTRAP,TABLE1) .

Service	Details
SO15130	SO15130 M.C.S. ENTRIES = ++PTF (SO15130) Security or Integrity Problem PROBLEM DESCRIPTION: Security or Integrity Problem. SYMPTOMS. N/A IMPACT. Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PDA 1364 Copyright (C) 2020 CA. All rights reserved. R01134-D200-SP1 DESC(Security or Integrity Problem). ++VER (Z038) FMID (CPDAK00) PRE (S014175) SUP (AC15126 ST15130) ++IF FMID(CINSK00) REQ(SO15129) .

Service	Details
SO15132	SO15132 M.C.S. ENTRIES = ++PTF (SO15132) SHOW ADDITIONAL DSNZPARMS ON THE DSNZPARM DISPLAY ENHANCEMENT DESCRIPTION: In Thread Termination/Dynamic DSNZPARM for DB2 for z/OS (PTT), the following DB2 11 and DB 12 ZPARMs have been added to the "Thread Terminator DSNZPARM Display" under main menu option VZ (View DSNZPARM Data). 1) DISALLOW_SEL_INTO_UNION - DB2 V11 and DB2 V12 2) REMOTE_COPY_SW_ACCEL - DB2 V11 and DB2 V12 3) DDL_MATERIALIZATION - DB2 V12 Only 4) INDEX_MEMORY_CONTROL - DB2 V12 Only 5) AUTH_COMPATIBILITY - DB2 V12 Only 6) DEFAULT_INSERT_ALGORITHM - DB2 V12 Only PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PTT 366 Copyright (C) 2020 CA. All rights reserved. R01135-D200-SP1 DESC(SHOW ADDITIONAL DSNZPARMS ON THE DSNZPARM DISPLAY). ++VER (Z038) FMID (CINSK00) PRE (S001665 S004455 S006113 S006863 S010281) SUP (S010417 ST10417 ST15132) ++HOLD (SO15132) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20288) 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. </pre> *****

Service	Details
	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
SO15174	SO15174 M.C.S. ENTRIES = ++PTF (SO15174) EXCESSIVE QUIESCES PROBLEM DESCRIPTION: CA Quick Copy for DB2 for z/OS (PQC) performs an excessive number of quiesces when multiple COPY statements are processed within a job step. SYMPTOMS: The SYSIBM.SYSCOPY table contains an excessive number of ICTYPE=Q records after the COPY job finishes. For each target object in a COPY statement there are new ICTYPE=Q records inserted and also all previous quiesces from all preceding COPY statements in the job step are repeated. IMPACT: Unnecessary quiesces are performed for copied objects. CIRCUMVENTION: Use a single COPY statement per job step. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 19.0 CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PQC 879 Copyright (C) 2020 CA. All rights reserved. R01139-D200-SP1 DESC(EXCESSIVE QUIESCES). ++VER (Z038) FMID (CPUTK00) PRE (S000024 S007820 S011168 S011999 S012153 S015074) SUP (AS07820 ST15144 ST15174)

Service	Details
S015184	S015184 M.C.S. ENTRIES = ++PTF (S015184) SQL PARSER ERROR IN CREATE VIEW WITH SKIP LOCKED DATA CLAUSE PROBLEM DESCRIPTION: In CA Common SQL Services for DB2 for z/OS (SQ2), the SQL parser fails to process a CREATE VIEW statement that contains a SKIP LOCKED DATA clause and may generate a SQL177 parsing error message. SYMPTOMS: Varies across CA products. CA RC/Migrator for DB2 for z/OS may encounter SQL parsing error message SQL177 when attempting to create a compare strategy where the DDLIN file contains a CREATE VIEW with a SKIP LOCKED DATA clause. SQL177: Invalid token detected in CREATE VIEW statement after one of <subselect> WITH CHECK OPTION Expecting <end-of-statement> IMPACT: Varies across CA products. CA RC/Migrator fails to create a compare strategy. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Common SQL Services for DB2 for z/OS Version 1.0 Related Problem: SQ2 27 Copyright (C) 2020 CA. All rights reserved. R00029-SQ2010-SP1 DESC(SQL PARSER ERROR IN CREATE VIEW WITH SKIP LOCKED DATA CLAUSE). ++VER (Z038) FMID (CSQ2100) PRE (R096102 R096495 R097090 R098041 R099899 S000849 S005308 S006494 S008576 S012501 S013982) SUP (S008799 ST08799 ST15184)

Service	Details
SO15191	SO15191 M.C.S. ENTRIES = ++PTF (SO15191) OBJECT TYPES PR AND SQ ARE MISSING FROM HELP PANEL RMHASS02 PROBLEM DESCRIPTION: The help panel RMHASS02 in CA RC/Migrator for DB2 for z/OS (RCM) misses object types PR for procedure and SQ for sequence even though RCM supports alter on procedures and sequences. SYMPTOMS: Object type PR and SQ are missing from panel RMHASS02. IMPACT: No functional impact. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3086 Copyright (C) 2020 CA. All rights reserved. R01140-D200-SP1 DESC(OBJECT TYPES PR AND SQ ARE MISSING FROM HELP PANEL RMHASS02). ++VER (Z038) FMID (CRCMK00) SUP (ST15191)

Service	Details
SO15199	SO15199 M.C.S. ENTRIES = ++PTF (SO15199) DETECTOR MAY TAKE PDT0105 ABEND AND TERMINATE THE COLLECTION PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may terminate due to high G_Common usage and write messages PDT0172 and PDT0105 to the Xmanager log. This problem occurs only when the USECOLLTASKS parmlib parameter is set to YES and when synchronized CA Detector and CA Subsystem Analyzer collections are in effect. SYMPTOMS: CA Detector collection terminates with these messages in the Xmanager log: PDT0172 DETECTOR COLLECTION TERMINATING DUE TO HIGH G_COMMON USAGE DB2=XXX PDT0105 DETECTOR ABNORMAL TERMINATION/SDUMP IN PROGRESS DB2=XXX IMPACT: CA Detector collection terminates. CIRCUMVENTION: This problem can be circumvented by setting PDT parmlib option USECOLLTASKS to NO. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1713 Copyright (C) 2020 CA. All rights reserved. R01142-D200-SP1 DESC(DETECTOR MAY TAKE PDT0105 ABEND AND TERMINATE THE COLLECTION). ++VER (Z038) FMID (CPDTK00) PRE (R097707 R098429 R099556 S001400 S003942 S004458 S006334 S009065 S010908 S011694) SUP (S011717 ST11717 ST15199) ++HOLD (SO15199) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (20293) 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: </pre>

Service	Details
	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
SO15205	SO15205 M.C.S. ENTRIES = ++PTF (SO15205) CORRECT USS SMP/E SCRIPT PROBLEM DESCRIPTION: Updates to SMP/E USS scripts in preparation for a future change. No actions are needed other than installing this fix. SYMPTOMS: N/A IMPACT: N/A CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 1441 Copyright (C) 2020 CA. All rights reserved. R01143-D200-SP1 DESC(CORRECT USS SMP/E SCRIPT). ++VER (Z038) FMID (CINSK00) PRE (S001396 S006497) SUP (ST15205) TEXT PARM(PATHMODE(0,7,7,5)) . TEXT PARM(PATHMODE(0,7,7,5)) . TEXT PARM(PATHMODE(0,7,7,5)) .

Service	Details
SO15215	SO15215 M.C.S. ENTRIES = ++PTF (SO15215) DDL NOT GENERATED WHEN ALTERING LIMIT KEY OF BIGINT COLUMN PROBLEM DESCRIPTION: CA RC/Migrator for DB2 for z/OS (RCM) does not generate any DDL when the limit key values of a BIGINT column is altered. SYMPTOMS: No DDL is generated. IMPACT: Customer will not be able alter limit key values where BIGINT is the limit key column. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3085 Copyright (C) 2020 CA. All rights reserved. R01144-D200-SP1 DESC(DDL NOT GENERATED WHEN ALTERING LIMIT KEY OF BIGINT COLUMN). ++VER (Z038) FMID (CINSK00) PRE (R097704 S004455 S006113) SUP (ST15215)

Service	Details
SO15220	SO15220 M.C.S. ENTRIES = ++PTF (SO15220) ALTER KEYLABEL IN DDL ENHANCEMENT DESCRIPTION: This enhancement for CA Log Analyzer for DB2 for z/OS (PLA) gives the DDL report the ability to report on ALTER TABLE (NO) KEY LABEL and ALTER STOGROUP (NO) KEY LABEL statements. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1318 Copyright (C) 2020 CA. All rights reserved. R01145-D200-SP1 DESC(ALTER KEYLABEL IN DDL). ++VER (Z038) FMID (CPLAK00) PRE (R096583 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S008802 S009083 S009133 S010677 S011113 S011419 S011669 S012797 S012889 S012900 S013009 S013625 S013879 S014137 S014613 S014866) SUP (S014142 S014949 ST14142 ST14924 ST14949 ST15162 ST15220) ++HOLD (SO15220) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (20290) COMMENT (<pre> +-----+ CA Log Analyzer 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.). CSECT(LAA@DOFS,#@XFCALR). CSECT(LAA@RDDS,#@XFCALN). </pre>

Service	Details				
SO15225	SO15225 M.C.S. ENTRIES = ++PTF (SO15225) HDDL ON TABLE FAILS WHEN GENGRANT IS 'Y' WITH 8,116 PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS(RCQ), the HDDL command on a table object with the GENGRANTS option set to 'Y' fails with RQE02001I RC=12,8,116. SYMPTOMS: HDDL fails with error RQE02001I RC=12,8,116. IMPACT: Hierarchical DDL is not displayed. CIRCUMVENTION: None. PRODUCTS EFFECTED: <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 702 Copyright (C) 2020 CA. All rights reserved. R01146-D200-SP1 DESC(HDDL ON TABLE FAILS WHEN GENGRANT IS 'Y' WITH 8,116). ++VER (Z038) FMID (COFSK00) PRE (R096577 R097705 R099554 S001397 S001666 S004456 S006114 S006864 S007380 S007808 S008109 S008435 S008663 S009106 S011967 S012362 S012412 S014126 S015062) SUP (S008101 S008403 S008858 S009128 S009647 S010250 S011921 S013758 S013781 S013990 S014570 S014655 ST08101 ST08403 ST08858 ST08864 ST08979 ST09008 ST09128 ST09467 ST09647 ST10250 ST11770 ST11921 ST12409 ST13745 ST13758 ST13781 ST13860 ST13990 ST14570 ST14655 ST15225)	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												
SO15235	SO15235 M.C.S. ENTRIES = ++PTF (SO15235) SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508 ENHANCEMENT DESCRIPTION: CA Database Management Solutions for DB2 for z/OS Utilities now support Db2 function level V12R1M508. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Index for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 820 Copyright (C) 2020 CA. All rights reserved. R01147-D200-SP1 DESC(SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508). ++VER (Z038) FMID (CPFLK00) PRE (S000018 S001656 S006117 S008071 S009024 S011107 S011996 S012107 S012150 S012275 S012526 S013150 S013706 S014031) SUP (ST11056 ST13122 ST15157 ST15235) ++IF FMID(CPFUK00) REQ(S015236) . ++IF FMID(CPRRK00) REQ(S015237) . ++IF FMID(CPUTK00) REQ(S015238) .	CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0	CA Fast Unload for DB2 for z/OS	Version 20.0	CA Fast Load for DB2 for z/OS	Version 20.0	CA Fast Index for DB2 for z/OS	Version 20.0	CA Rapid Reorg for DB2 for z/OS	Version 20.0	CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0
CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0												
CA Fast Unload for DB2 for z/OS	Version 20.0												
CA Fast Load for DB2 for z/OS	Version 20.0												
CA Fast Index for DB2 for z/OS	Version 20.0												
CA Rapid Reorg for DB2 for z/OS	Version 20.0												
CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0												

Service	Details												
SO15236	SO15236 M.C.S. ENTRIES = ++PTF (SO15236) SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508 ENHANCEMENT DESCRIPTION: CA Database Management Solutions for DB2 for z/OS Utilities now support Db2 function level V12R1M508. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Index for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 820 Copyright (C) 2020 CA. All rights reserved. R01147-D200-SP1 DESC(SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508). ++VER (Z038) FMID (CPFUK00) PRE (R099558 S000019 S001402 S001818 S004460 S006118 S006867 S007812 S008860 S011108 S011997 S012151 S013151 S013707 S014984) SUP (ST13123 ST15158 ST15236) ++IF FMID(CPRRK00) REQ(S015237) . ++IF FMID(CPUTK00) REQ(S015238) . ++IF FMID(CPFLK00) REQ(S015235) .	CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0	CA Fast Unload for DB2 for z/OS	Version 20.0	CA Fast Load for DB2 for z/OS	Version 20.0	CA Fast Index for DB2 for z/OS	Version 20.0	CA Rapid Reorg for DB2 for z/OS	Version 20.0	CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0
CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0												
CA Fast Unload for DB2 for z/OS	Version 20.0												
CA Fast Load for DB2 for z/OS	Version 20.0												
CA Fast Index for DB2 for z/OS	Version 20.0												
CA Rapid Reorg for DB2 for z/OS	Version 20.0												
CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0												

Service	Details												
SO15237	SO15237 M.C.S. ENTRIES = ++PTF (SO15237) SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508 ENHANCEMENT DESCRIPTION: CA Database Management Solutions for DB2 for z/OS Utilities now support Db2 function level V12R1M508. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Index for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 820 Copyright (C) 2020 CA. All rights reserved. R01147-D200-SP1 DESC(SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508). ++VER (Z038) FMID (CPRRK00) PRE (R096588 R097715 R098968 S000023 S001658 S006125 S006582 S006609 S007818 S009026 S009089 S009599 S009905 S011080 S011109 S011200 S011237 S011998 S012109 S012152 S012277 S012528 S012716 S013152 S013204 S013635 S013708 S014640) SUP (ST11058 ST15159 ST15237 ST15282 ST15289) ++IF FMID(CPFUK00) REQ(SO15236) . ++IF FMID(CPUTK00) REQ(SO15238) . ++IF FMID(CPFLK00) REQ(SO15235) .	CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0	CA Fast Unload for DB2 for z/OS	Version 20.0	CA Fast Load for DB2 for z/OS	Version 20.0	CA Fast Index for DB2 for z/OS	Version 20.0	CA Rapid Reorg for DB2 for z/OS	Version 20.0	CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0
CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0												
CA Fast Unload for DB2 for z/OS	Version 20.0												
CA Fast Load for DB2 for z/OS	Version 20.0												
CA Fast Index for DB2 for z/OS	Version 20.0												
CA Rapid Reorg for DB2 for z/OS	Version 20.0												
CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0												

Service	Details												
SO15238	SO15238 M.C.S. ENTRIES = ++PTF (SO15238) SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508 ENHANCEMENT DESCRIPTION: CA Database Management Solutions for DB2 for z/OS Utilities now support Db2 function level V12R1M508. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Index for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 820 Copyright (C) 2020 CA. All rights reserved. R01147-D200-SP1 DESC(SUPPORT FOR DB2 FUNCTION LEVEL V12R1M508). ++VER (Z038) FMID (CPUTK00) PRE (R098969 S000024 S006127 S011110 S011604 S011999 S012153 S013153 S013205 S013709) SUP (ST15160 ST15238) ++IF FMID(CPFUK00) REQ(S015236) . ++IF FMID(CPRRK00) REQ(S015237) . ++IF FMID(CPFLK00) REQ(S015235) .	CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0	CA Fast Unload for DB2 for z/OS	Version 20.0	CA Fast Load for DB2 for z/OS	Version 20.0	CA Fast Index for DB2 for z/OS	Version 20.0	CA Rapid Reorg for DB2 for z/OS	Version 20.0	CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0
CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0												
CA Fast Unload for DB2 for z/OS	Version 20.0												
CA Fast Load for DB2 for z/OS	Version 20.0												
CA Fast Index for DB2 for z/OS	Version 20.0												
CA Rapid Reorg for DB2 for z/OS	Version 20.0												
CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0												

Service	Details
SO15254	SO15254 M.C.S. ENTRIES = ++PTF (SO15254) INCOMPATIBILITY IN DIFFERENT MAINTENANCE LEVELS PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) may not be able to run data shareable requests properly when data collectors in a data sharing group are running on a different maintenance level. The PTF that introduced this problem is SO11977. SYMPTOMS: In a data share group, data shareable requests will not display properly some of the data captured by the remote data collectors. For example the thread status will display garbage data. IMPACT: Data shareable requests will not produce correct results. CIRCUMVENTION: User will have to have all data collectors in a data sharing group on the same maintenance level. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2535 Copyright (C) 2020 CA. All rights reserved. R01148-D200-SP1 DESC(INCOMPATIBILITY IN DIFFERENT MAINTENANCE LEVELS) . ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R099552 S000077 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S009519 S010160 S010405 S010739 S010906 S011465 S011616 S011780 S011977 S012536 S012769 S013508 S013557 S013891 S014016 S014099 S014642 S014754 S014843 S014883 S014923 S015049 S015070) SUP (AS11977 R097683 S008728 S009054 S009743 S010248 S013032 S014337 S014531 ST03732 ST08728 ST09054 ST09743 ST10248 ST13032 ST14337 ST14358 ST14531 ST15254 TR97683) CSECT(AMXXC3C,AMXXC3) . CSECT(NDFMTSEC,NDFMTSEM) . CSECT(NDREFORC,NDREFORM) . CSECT(NDRITABC,NDRITABL) . CSECT(NEPROCEC,NEPROCES) . CSECT(NFSUMC,NFSUM) . CSECT(NGRABP1C,NGRABP1) . CSECT(NGRABP1C,NGRABP1) . CSECT(NGRABP1C,NGRABP1) . CSECT(NGRABP2C,NGRABP2) . CSECT(NGRABP2C,NGRABP2) . CSECT(NGRABP2C,NGRABP2) . CSECT(NGR1001C,NGR1001) . CSECT(NGR1001C,NGR1001) . CSECT(NGR1001C,NGR1001) . CSECT(NGR1002C,NGR1002) . CSECT(NGR1002C,NGR1002) . CSECT(NGR1002C,NGR1002) .

Service	Details
	CSECT (NGR1026C,NGR1026) .
	CSECT (NGR1026C,NGR1026) .
	CSECT (NGR1026C,NGR1026) .
	CSECT (NPLEXDAT,NPLEXSYM,SYMTBLE) .
	CSECT (NRINTRVC,NRINTRVL) .
	CSECT (NSIFMTRC,NSIFMTR#) .
	CSECT (NSIRECMG,NSIRECM#) .
	CSECT (NUHSTLOM) .
	CSECT (NUHSTRDC,NUHSTRDM) .

Service	Details
SO15255	SO15255 M.C.S. ENTRIES = ++PTF (SO15255) SIMPLIFY HELP PANELS OF RECENTLY USED OBJECTS LIST ENHANCEMENT DESCRIPTION: CA Report Facility (PRF) has undergone maintenance to simplify the Help Panels of the 'Recently Used Objects List' on the PRF Main Menu. Now all options applicable to the 'Recently Used Objects list' will be highlighted. This maintenance of Help Panels has been done for the English and French Canadian screens. PRODUCT(S) AFFECTED: Report Facility Release 20.0 Related Problem: BIPRF 728 Copyright (C) 2020 CA. All rights reserved. R01149-D200-SP1 DESC(SIMPLIFY HELP PANELS OF RECENTLY USED OBJECTS LIST). ++VER (Z038) FMID (CPRFK00) SUP (ST15255) ++HOLD (SO15255) SYSTEM FMID(CPRFK00) REASON (ACTION) DATE (20295) COMMENT (<pre> +-----+ CA Report Facility for TSO Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Implement screen changes +-----+-----+ USERS AFFECTED CA Report Facility Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. Update Access to target libraries +-----+-----+ ***** * STEPS TO PERFORM * ***** This PTF contains CA Report Facility Screen changes. 1. Please repro the SCREEN members into the appropriate screens VSAM file(s) using the installation customization steps for CA Report Facility.).</pre>

Service	Details
SO15271	SO15271 M.C.S. ENTRIES = ++PTF (SO15271) PFL ABENDOC4-04 WHEN A NEW PBG PART IS ADDED DURING LOAD PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) may fail with OC4 when loading a PBG (Partition-By-Growth) tablespace with DSSIZE >= 4G and a new part is added. SYMPTOMS: The LOAD JOBSTEP may fail with ABENDOC4-04 with return code 16 and the following symptom dump is produced: IEA995I SYMPTOM DUMP OUTPUT 148 SYSTEM COMPLETION CODE=OC4 REASON CODE=00000004 TIME=10.08.44 SEQ=24694 CPU=0000 ASID=02FF PSW AT TIME OF ERROR 478C2000 BB2FE62C ILC 6 INTC 04 ACTIVE MODULE ADDRESS=00000000_3B2FC000 OFFSET=0000262C NAME=FLLRM2 DATA AT PSW 3B2FE626 - D7132000 20005810 D1E81211 AR/GR 0: 00790528/00000003 1: 00000000/00000000 2: 00000000/00000000 3: 00000000/00000000 4: 00000000/3B23BE80 5: 00000000/00000000 6: 00000000/00000000 7: 00000000/00000000 8: 00000000/3B25F1A0 9: 00000000/3B2C0030 A: 00000000/3B2C05D0 B: 00000000/3B2FC000 C: 00000000/3B2FE610 D: 00000000/3B26F04C E: 00000000/BB2FE3C8 F: 00000000/3B034000 END OF SYMPTOM DUMP The following messages are printed in the PTIMSG DD: PFL0041E - Tablespace Dataset failed definition in module FLARM2 DSNAME: vcat.DSNDBC.dbname.tsname.I0001.A002 PFL3019E - ESTAE intercepted in CSECT FLAUTS1 - ABEND code X'840C4000' PFL0206E - FASTLOAD application did not complete successfully PFL0207E - T_Space Task ECB: X'000C4000' Return Code: X'00000004' IMPACT: Processing fails. CIRCUMVENTION: NONE. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1304 Copyright (C) 2020 CA. All rights reserved. R01150-D200-SP1 DESC(PFL ABENDOC4-04 WHEN A NEW PBG PART IS ADDED DURING LOAD). ++VER (Z038) FMID (CPUTK00) PRE (R098969 S000024 S001659 S003844 S004469 S011999 S012153 S012278 S012529 S013205) SUP (S008782 ST08782 ST15271)

Service	Details
SO15308	SO15308 M.C.S. ENTRIES = ++PTF (SO15308) CORRUPTION OF DSSIZE=4GB LOB TABLESPACE DURING IMAGE COPY PROBLEM DESCRIPTION: CA Quick Copy for DB2 for z/OS (PQC) can corrupt the data, spacemap, and other pages of LOB tablespaces during image copy processing if ALL of the following conditions are met: - LOB tablespace has DSSIZE=4GB - LOB tablespace spans multiple VSAM datasets - MODIFYBITS YES keyword or PARMLIB option is specified - EXCP NO option is in use - SHRLEVEL REFERENCE full image copy is taken LOB tablespaces with a DSSIZE other than 4GB, or LOB tablespaces that do not span more than one VSAM dataset, are not affected. SYMPTOMS: Symptoms can vary, but may include an SOC4 ABEND in module UTAQCNRD near offset X'6B8E' during image copy processing. Also, when SQL is executed against the LOB tablespace, the SQL might fail and the application executing the query might terminate with an S04E ABEND. The Db2 master address space then displays the following message: <pre> DSNB226I !ssid DSNB1GET - BUFFER MANAGER PAGE GET ROUTINE DETECTED AN INVALID PAGE IN DSNAME=<db2 vsam dsname> PAGE NUMBER EXPECTED=X'nnnnnnnnn' PAGE NUMBER FOUND=X'nnnnnnnnnn' </pre> To determine whether a LOB tablespace has corrupted data, execute the DSN1COPY utility with the CHECK and LOB parameters on all Db2 VSAM datasets of the LOB tablespace in question. Use the following syntax to run the DSN1COPY utility: <pre> //CHECK EXEC PGM=DSN1COPY,PARM='CHECK,LOB' //STEPLIB DD DISP=SHR,DSN=<db2 cust library> // DD DISP=SHR,DSN=<db2 load library> //SYSPRINT DD SYSOUT=* //SYSUT1 DD DISP=SHR,DSN=<db2 vsam dsname> //SYSUT2 DD DUMMY </pre> Where <db2 cust library> identifies the Db2 customization library <db2 load library> identifies the Db2 load library <db2 vsam dsname> identifies the Db2 VSAM dataset After the utility executes, review the output. Messages DSN1984I UNEXPECTED PAGE NUMBER or DSN1990I DSN1CPGD BROKEN PAGE indicate the LOB tablespace is affected. If you see these messages, perform the following actions: - If possible, execute the -STOP DATABASE command to prevent access to the affected tablespace. - Preserve all image copies of the affected tablespace. - Preserve the Db2 log datasets from the date when the problem was discovered. - Use the IBM Db2 REPORT utility to run a REPORT RECOVERY on the affected tablespace. - DO NOT use CA Quick Copy to copy the affected tablespace. Contact Broadcom Program Support for assistance. IMPACT:

Service	Details
	Data in LOB tablespace is corrupted during image copy creation. CIRCUMVENTION: Create image copies utilizing MODIFYBITS NO option. Until you can apply the fix, if you need to use Quick Copy, change the MODIFYBITS YES option to specify MODIFYBITS NO PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 19.0 CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PQC 880 Copyright (C) 2020 CA. All rights reserved. R01154-D200-SP1 DESC (CORRUPTION OF DSSIZE=4GB LOB TABLESPACE DURING IMAGE COPY). ++VER (Z038) FMID (CUGRK00) PRE (R099574 S000029 S000201 S001660 S004475 S005018 S006069 S006132 S006879 S007826 S008668 S009132 S009903 S011239) SUP (CC06071 ST05104 ST15308)

Service	Details																		
SO15311	SO15311 M.C.S. ENTRIES = ++PTF (SO15311) RECOVERY ESTIMATOR INITIAL RELEASE ENHANCEMENT DESCRIPTION: Initial release of the Recovery Estimator. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 486 Copyright (C) 2020 CA. All rights reserved. R01155-D200-SP1 DESC(RECOVERY ESTIMATOR INITIAL RELEASE). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004455 S006113 S007807 S008869 S009761 S010004 S010173 S011078 S011084 S012547 S012715 S014174 S014381 S014566) SUP (ST12171 ST15311) ++IF FMID(CPFLK00) REQ(SO15312) . ++IF FMID(CPRRK00) REQ(SO15313) . ++IF FMID(CPUTK00) REQ(SO15314) . ++HOLD (SO15311) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20297) COMMENT (<table border="1"> <tr> <td>CA DBM Solutions for DB2 for z/OS Base In</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Bind Plans and Packages</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>CA DB2 Tools Post Install Customization</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> </table> ***** * 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	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.
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.																		

Service	Details
	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> +-----+ 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. +-----+ ***** * 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
SO15312	SO15312 M.C.S. ENTRIES = ++PTF (SO15312) RECOVERY ESTIMATOR INITIAL RELEASE ENHANCEMENT DESCRIPTION: Initial release of the Recovery Estimator. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 486 Copyright (C) 2020 CA. All rights reserved. R01155-D200-SP1 DESC(RECOVERY ESTIMATOR INITIAL RELEASE). ++VER (Z038) FMID (CPFLK00) PRE (R096581 R097708 S000018 S000704 S001656 S004275 S004459 S007170 S007811 S008428 S009024 S010195 S011996 S012128 S012150 S012275 S012526 S013097 S013203 S013765 S014772) SUP (ST15281 ST15288 ST15312) ++IF FMID(CPRRK00) REQ(S015313) . ++IF FMID(CPUTK00) REQ(S015314) . ++IF FMID(CINSK00) REQ(S015311) .

Service	Details
SO15313	SO15313 M.C.S. ENTRIES = ++PTF (SO15313) RECOVERY ESTIMATOR INITIAL RELEASE ENHANCEMENT DESCRIPTION: Initial release of the Recovery Estimator. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 486 Copyright (C) 2020 CA. All rights reserved. R01155-D200-SP1 DESC(RECOVERY ESTIMATOR INITIAL RELEASE). ++VER (Z038) FMID (CPRRK00) PRE (R096588 R097715 R098968 S000023 S001658 S006125 S006582 S006609 S007818 S009026 S009089 S009599 S009905 S011080 S011109 S011200 S011237 S011998 S012109 S012152 S012277 S012528 S012716 S013152 S013204 S013635 S013708 S014640 S015237) SUP (ST11058 ST15159 ST15282 ST15289 ST15313) ++IF FMID(CPFLK00) REQ(S015312) . ++IF FMID(CPUTK00) REQ(S015314) . ++IF FMID(CINSK00) REQ(S015311) .

Service	Details		
SO15314	SO15314 M.C.S. ENTRIES = ++PTF (SO15314)		
	RECOVERY ESTIMATOR INITIAL RELEASE		
	ENHANCEMENT DESCRIPTION:		
	Initial release of the Recovery Estimator.		
	PRODUCT(S) AFFECTED:		
	CA DBM Solutions for DB2 for z/OS Base Install		Version 20.0
	Related Problem:		
	INS 486		
	Copyright (C) 2020 CA. All rights reserved. R01155-D200-SP1		
	DESC(RECOVERY ESTIMATOR INITIAL RELEASE).		
	++VER (Z038)		
	FMID (CPUTK00)		
	PRE (R097717 R098969 S000024 S001659 S006127 S007172		
	S011999 S012153 S012278 S012529 S013153 S013767)		
	SUP (ST15283 ST15290 ST15314)		
	++IF FMID(CPFLK00) REQ(SO15312) .		
	++IF FMID(CPRRK00) REQ(SO15313) .		
	++IF FMID(CINSK00) REQ(SO15311) .		
	MCS	SO15004	STARTS ON PAGE 0002
	MCS	SO15015	STARTS ON PAGE 0002
	MCS	SO15031	STARTS ON PAGE 0004
	MCS	SO15045	STARTS ON PAGE 0004
	MCS	SO15049	STARTS ON PAGE 0006
	MCS	SO15061	STARTS ON PAGE 0010
	MCS	SO15062	STARTS ON PAGE 0010
	MCS	SO15064	STARTS ON PAGE 0014
	MCS	SO15070	STARTS ON PAGE 0018
	MCS	SO15072	STARTS ON PAGE 0021
	MCS	SO15073	STARTS ON PAGE 0023
	MCS	SO15074	STARTS ON PAGE 0025
	MCS	SO15075	STARTS ON PAGE 0025
	MCS	SO15086	STARTS ON PAGE 0027
	MCS	SO15094	STARTS ON PAGE 0028
	MCS	SO15122	STARTS ON PAGE 0029
	MCS	SO15124	STARTS ON PAGE 0030
	MCS	SO15129	STARTS ON PAGE 0031
	MCS	SO15130	STARTS ON PAGE 0032
	MCS	SO15132	STARTS ON PAGE 0033
	MCS	SO15174	STARTS ON PAGE 0034
	MCS	SO15184	STARTS ON PAGE 0035
MCS	SO15191	STARTS ON PAGE 0036	
MCS	SO15199	STARTS ON PAGE 0037	
MCS	SO15205	STARTS ON PAGE 0038	
MCS	SO15215	STARTS ON PAGE 0039	
MCS	SO15220	STARTS ON PAGE 0040	
MCS	SO15225	STARTS ON PAGE 0041	
MCS	SO15235	STARTS ON PAGE 0051	
MCS	SO15236	STARTS ON PAGE 0052	
MCS	SO15237	STARTS ON PAGE 0053	
MCS	SO15238	STARTS ON PAGE 0053	
MCS	SO15254	STARTS ON PAGE 0054	
MCS	SO15255	STARTS ON PAGE 0056	

Service	Details		
	MCS	SO15271	STARTS ON PAGE 0057
	MCS	SO15308	STARTS ON PAGE 0058
	MCS	SO15311	STARTS ON PAGE 0060
	MCS	SO15312	STARTS ON PAGE 0064
	MCS	SO15313	STARTS ON PAGE 0065
	MCS	SO15314	STARTS ON PAGE 0065

CA DB2 Tools 20.0
CA RS 2011 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 2011 Product/Component Count for this release is 27

CA RS Level	Service	FMID
CAR2011	S015314	CPUTK00
	S015313	CPRRK00
	S015312	CPFLK00
	S015311	CINSK00
	S015308	CUGRK00
	S015271	CPUTK00
	S015255	CPRFK00
	S015254	CIDBK00
	S015238	CPUTK00
	S015237	CPRRK00
	S015236	CPFUK00
	S015235	CPFLK00
	S015225	COFSK00
	S015220	CPLAK00
	S015215	CINSK00
	S015205	CINSK00
	S015199	CPDTK00
	S015191	CRCMK00
	S015184	CSQ2100
	S015174	CPUTK00
	S015132	CINSK00
	S015130	CPDAK00
	S015129	CINSK00
	S015124	CPRRK00
	S015122	CINSK00
	S015094	CPSAK00
	S015086	CPFUK00
	S015075	CINSK00
	S015074	CPUTK00
	S015073	CPDTK00
	S015072	CINSK00
	S015070	CIDBK00
	S015064	CPLAK00
	S015062	COFSK00
	S015061	CINSK00
	S015049	CIDBK00
	S015045	CINSK00
	S015031	CINSK00
	S015015	CPFLK00
	S015004	CINSK00
CAR2010	S014984	CPFUK00
	S014949	CPLAK00
	S014923	CIDBK00
	S014902	CPPAK00
	S014901	CINSK00
	S014899	CINSK00
	S014883	CIDBK00

CA RS Level	Service	FMID
	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
	S014613	CPLAK00
	S014583	CINSK00
	S014570	COFSK00
	S014568	CUGRK00
	S014567	CPUTK00
	S014566	CINSK00
	S014565	CPDAK00

CA RS Level	Service	FMID
	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
	S014235	CPDTK00
	S014173	CINSK00
	S014168	CINSK00
	S014164	CIDBK00
	S014142	CPLAK00
	S014137	CPLAK00
	S014101	CRCQK00

CA RS Level	Service	FMID
	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
	S013807	CINSK00
	S013794	CINSK00
	S013781	COFSK00
	S013768	CUGRK00
	S013767	CPUTK00
	S013766	CPFUK00
	S013765	CPFLK00

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00
	S013340	CINSK00
	S013273	CINSK00
	S012794	CINSK00

CA RS Level	Service	FMID
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
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00

CA RS Level	Service	FMID
	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
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00

CA RS Level	Service	FMID
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCSK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00

CA RS Level	Service	FMID
	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
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00

CA RS Level	Service	FMID
	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
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00

CA RS Level	Service	FMID
	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
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00

CA RS Level	Service	FMID
	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
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00

CA RS Level	Service	FMID
	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
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00

CA RS Level	Service	FMID
	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
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00

CA RS Level	Service	FMID
	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
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00

CA RS Level	Service	FMID
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCCK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00

CA RS Level	Service	FMID
	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	CRCSK00
	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
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00

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CA RS Level	Service	FMID
	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
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00

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CA RS Level	Service	FMID
	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
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00

CA RS Level	Service	FMID
	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
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00

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CA RS Level	Service	FMID
	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	CRCCK00
	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
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00

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CA RS Level	Service	FMID
	S007323	CINSK00
	S007204	CPSAK00
CAR1902	S007167	CINSK00
	S006978	CINSK00
	S006977	CIDBK00
	S006879	CUGRK00
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCSK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00

CA RS Level	Service	FMID
	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
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00

CA RS Level	Service	FMID
	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
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00

CA RS Level	Service	FMID
	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
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00

CA RS Level	Service	FMID
	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
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00

CA RS Level	Service	FMID
	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	CRCSK00
	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
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00

CA RS Level	Service	FMID
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRCSK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	R096579	CPDAK00
	R096578	CPBAK00
	R096577	COFSK00
	R096576	CINSK00
	R096575	CIDBK00
CAR1707	R096495	CSQ2100
	R096401	CUTSK00
CAR1706	R096169	CPSAK00
	R096168	CPDTK00

CA RS Level	Service	FMID
	R096167	CINSK00
	R096162	CPDAK00
	R096102	CSQ2100
	R096005	CUTSK00
	R096002	CUGRK00
	R095972	CUTSK00
	R095918	CUTSK00