

Service	Description	Type
LU00177	ENHANCE OPTIONS UTILITY TO SUPPORT PREVIEW SYNTAX	PTF
LU00275	ENHANCE OPTIONS UTILITY TO SUPPORT PREVIEW SYNTAX	PTF
LU00277	CATALOG TABLE DIRECTORY SERVICE TO SUPPORT DB2 12 V12R1M509	PTF
LU00283	CSLLVLST MODULE IS NOT DELETED AFTER A USER EXITS DB2 TOOLS	PTF
LU00299	ADD BACKWARD CHAIN TO IDB2 ACCOUNTING HASH TABLES	PTF
LU00301	SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509	PTF
LU00302	SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509	PTF
LU00303	SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509	PTF
LU00304	SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509	PTF
LU00314	CAPTURE THRESHOLD VALUES (CTV) FOR ACTION PROCEDURES	PTF
LU00330	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
LU00331	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
LU00332	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
LU00333	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
LU00334	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
LU00335	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
LU00336	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
LU00337	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
LU00338	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
LU00339	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
LU00340	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
LU00341	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
LU00342	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
LU00359	POST-INSTALL ONLINE MIGRATIONS OF PTDB CHANGES	PTF
LU00368	CHECK CONST APPEARS ON A TEMPLATED TABLE AFTER IT IS DROPPED	PTF
LU00381	RI RELATED OBJECTS MISSING FROM TABLESPACE SET IN ACTION JCL	PTF
LU00399	ANALYSIS ENDS WITH SQLCODE -206 WHEN TARGET IS REMOTE	PTF
LU00400	QMF-PRF CONVERSION TOOL ENHANCEMENTS	PTF
LU00402	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU00411	LOAD STEP FAILS WITH OFS POPUP ERROR	PTF
LU00412	HDDL BATCH EXECUTION FAILS WITH SB13 OR JCL ERROR	PTF
LU00413	HDDL BATCH EXECUTION FAILS WITH SB13 OR JCL ERROR	PTF
LU00426	SET CURRENT APPLICATION COMPATIBILITY NOT GENERATED REMOTE	PTF
LU00427	TRUNCATION PROBLEMS WITH SCREEN SCROLLING	PTF
LU00432	SOC7 ABEND WHEN COMPARING TABLES WITH INDEXES	PTF
LU00433	SOC7 ABEND WHEN COMPARING TABLES WITH INDEXES	PTF
LU00434	IDB2 MAY ABEND WITH SOC4 AT NGR1026C +0001BA	PTF
LU00435	PUT6304E -511 IN UTAGLPBG COMPRESSED PBG, SOC1 IN FLLUTS2	PTF
LU00436	PUT6304E -511 IN UTAGLPBG COMPRESSED PBG, SOC1 IN FLLUTS2	PTF
LU00437	PUT6304E -511 IN UTAGLPBG COMPRESSED PBG, SOC1 IN FLLUTS2	PTF
LU00438	NEW PPA COMPARE SUMMARY REPORT W/COMPARE HISTORY TABLE	PTF
LU00439	NEW PPA COMPARE SUMMARY REPORT W/COMPARE HISTORY TABLE	PTF
LU00440	NEW PPA COMPARE SUMMARY REPORT W/COMPARE HISTORY TABLE	PTF
LU00446	DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS	PTF
LU00447	DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS	PTF
LU00448	DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS	PTF
LU00449	DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS	PTF

Service	Description	Type
LU00450	DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS	PTF
LU00452	SOC4 ABEND IN RRL\$RM2 FOR PBG TABLESPACE WITH 1 PARTITION.	*HIP/PRP*
LU00475	INCORRECT STATEMENTS GENERATED FOR RO/RC/IC UTILITY CODES	** PRP **
LU00480	JOB HANGS WITH SOC1 FROM LAL@BLDX	PTF
LU00500	VALUES ARE ZERO ON THE BUFFER POOL DETAIL AND SUMMARY REPORT	PTF
LU00508	RO280E ISSUED WHEN ALTERING A TABLE WITH A BINARY KEY COLUMN	PTF
LU00509	.SYNC NOT GENERATE AFTER ALTER INDEX ... ADD COLUMN ..	PTF
LU00510	DETECTOR DATA EXTRACT FAILS WITH AN OC4	PTF
LU00511	BROWSING A TABLE WITH A BINARY COLUMN FAILS WITH A 478 ABEND	PTF
LU00523	ECSA STORAGE CHECKING	PTF
LU00524	ECSA STORAGE CHECKING	PTF
LU00530	TOLERATE EXPLICIT COMPRESS YES FIXEDLENGTH AND YES HUFFMAN	PTF
LU00531	TOLERATE EXPLICIT COMPRESS YES FIXEDLENGTH AND YES HUFFMAN	PTF
LU00532	TOLERATE EXPLICIT COMPRESS YES FIXEDLENGTH AND YES HUFFMAN	PTF
LU00545	WRONG FIELDS DESCRIPTION IN APPLICATION EXCEPTIONS	PTF
LU00549	DETECTOR MAY SKIP USERID INFORMATION FOR SOME PROGRAMS	PTF
LU00565	MEMORY LEAK IN SQL TRANSFORMATION SERVICE MAY CAUSE S878	PTF
LU00568	ONLINE COMPARE ENDS WITH SQLCODE -438 IF TABLESPACE PAIRED	PTF
LU00576	DUMP TITLE=CA-SSANALZE 20.0 COLLECTION FRR/SDUMP ABEND OC4	PTF
LU00597	DML REPORT FAILS WITH RC=16 AND MESSAGE LAE0246E	PTF
LU00613	RC00013E ISSUED WHEN ALTERING & DROPPING PARTITIONS FROM TCP	PTF
LU00635	ABEND SOC3 WHILE COPYING EXTRACT PROCEDURE	** PRP **
LU00639	ARCHIVE NOT DISABLED IF SEQUENCE OBJECT INCLUDED IN STRATEGY	PTF
LU00643	S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS	PTF
LU00644	S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS	PTF
LU00645	S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS	PTF
LU00646	S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS	PTF
LU00659	POTENTIAL S978 ABEND DURING THE LEXICAL ANALYSIS	PTF
LU00672	SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509	PTF
LU00684	PROCESSING OF CPU PARALLELISM TASKS ARE UNDERREPORTED	PTF
LU00689	REBUILD INDEX OBJ-LIST SYNTAX ERROR & PMM0412E IS INCORRECT	PTF
LU00723	PFR MERGE COPY REFACTORING	PTF
LU00724	PFR MERGE COPY REFACTORING	PTF
LU00725	PFR MERGE COPY REFACTORING	PTF
LU00726	PFR MERGE COPY REFACTORING	PTF
LU00727	PFR MERGE COPY REFACTORING	PTF
LU00728	PFR MERGE COPY REFACTORING	PTF

The CA RS 2104 service count for this release is 84

CA DB2 Tools
CA RS 2104 Service List for CAHOK00

FMID	Service	Description	Type
CAHOK00	LU00330	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
The CA RS 2104 service count for this FMID is 1			

CA DB2 Tools
CA RS 2104 Service List for CIDBK00

FMID	Service	Description	Type
CIDBK00	LU00299	ADD BACKWARD CHAIN TO IDB2 ACCOUNTING HASH TABLES	PTF
	LU00331	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
	LU00427	TRUNCATION PROBLEMS WITH SCREEN SCROLLING	PTF
	LU00434	IDB2 MAY ABEND WITH SOC4 AT NGR1026C +0001BA	PTF
	LU00545	WRONG FIELDS DESCRIPTION IN APPLICATION EXCEPTIONS	PTF
The CA RS 2104 service count for this FMID is 5			

CA DB2 Tools
CA RS 2104 Service List for CINSK00

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FMID	Service	Description	Type
CINSK00	LU00277	CATALOG TABLE DIRECTORY SERVICE TO SUPPORT DB2 12 V12R1M509	PTF
	LU00283	CSLLVLST MODULE IS NOT DELETED AFTER A USER EXITS DB2 TOOLS	PTF
	LU00332	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
	LU00359	POST-INSTALL ONLINE MIGRATIONS OF PTDB CHANGES	PTF
	LU00368	CHECK CONST APPEARS ON A TEMPLATED TABLE AFTER IT IS DROPPED	PTF
	LU00399	ANALYSIS ENDS WITH SQLCODE -206 WHEN TARGET IS REMOTE	PTF
	LU00412	HDDL BATCH EXECUTION FAILS WITH SB13 OR JCL ERROR	PTF
	LU00426	SET CURRENT APPLICATION COMPATIBILITY NOT GENERATED REMOTE	PTF
	LU00432	SOC7 ABEND WHEN COMPARING TABLES WITH INDEXES	PTF
	LU00435	PUT6304E -511 IN UTAGLPBG COMPRESSED PBG, SOC1 IN FLLUTS2	PTF
	LU00438	NEW PPA COMPARE SUMMARY REPORT W/COMPARE HISTORY TABLE	PTF
	LU00446	DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS	PTF
	LU00508	RO280E ISSUED WHEN ALTERING A TABLE WITH A BINARY KEY COLUMN	PTF
	LU00509	.SYNC NOT GENERATE AFTER ALTER INDEX ... ADD COLUMN ..	PTF
	LU00510	DETECTOR DATA EXTRACT FAILS WITH AN OC4	PTF
	LU00523	ECSA STORAGE CHECKING	PTF
	LU00530	TOLERATE EXPLICIT COMPRESS YES FIXEDLENGTH AND YES HUFFMAN	PTF
	LU00568	ONLINE COMPARE ENDS WITH SQLCODE -438 IF TABLESPACE PAIRED	PTF
	LU00613	RCO0013E ISSUED WHEN ALTERING & DROPPING PARTITIONS FROM TCP	PTF
	LU00639	ARCHIVE NOT DISABLED IF SEQUENCE OBJECT INCLUDED IN STRATEGY	PTF
	LU00643	S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS	PTF
	LU00723	PFR MERGE COPY REFACTORING	PTF
The CA RS 2104 service count for this FMID is 22			

CA DB2 Tools
CA RS 2104 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	LU00531	TOLERATE EXPLICIT COMPRESS YES FIXEDLENGTH AND YES HUFFMAN	PTF
	LU00644	S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS	PTF
The CA RS 2104 service count for this FMID is 2			

CA DB2 Tools
CA RS 2104 Service List for CPBAK00

FMID	Service	Description	Type
CPBAK00	LU00439	NEW PPA COMPARE SUMMARY REPORT W/COMPARE HISTORY TABLE	PTF
	LU00645	S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS	PTF
The CA RS 2104 service count for this FMID is 2			

CA DB2 Tools
CA RS 2104 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	LU00314	CAPTURE THRESHOLD VALUES (CTV) FOR ACTION PROCEDURES	PTF
	LU00333	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
	LU00381	RI RELATED OBJECTS MISSING FROM TABLESPACE SET IN ACTION JCL	PTF
	LU00475	INCORRECT STATEMENTS GENERATED FOR RO/RC/IC UTILITY CODES	** PRP **
	LU00635	ABEND SOC3 WHILE COPYING EXTRACT PROCEDURE	** PRP **
The CA RS 2104 service count for this FMID is 5			

CA DB2 Tools
CA RS 2104 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	LU00334	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
	LU00402	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	LU00524	ECSA STORAGE CHECKING	PTF
	LU00549	DETECTOR MAY SKIP USERID INFORMATION FOR SOME PROGRAMS	PTF
	LU00684	PROCESSING OF CPU PARALLELISM TASKS ARE UNDERREPORTED	PTF
The CA RS 2104 service count for this FMID is 5			

CA DB2 Tools
CA RS 2104 Service List for CPFLK00

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FMID	Service	Description	Type
CPFLK00	LU00301	SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509	PTF
	LU00436	PUT6304E -511 IN UTAGLPBG COMPRESSED PBG, SOC1 IN FLLUTS2	PTF
	LU00724	PFR MERGE COPY REFACTORING	PTF
The CA RS 2104 service count for this FMID is 3			

CA DB2 Tools
CA RS 2104 Service List for CPFUK00

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FMID	Service	Description	Type
CPFUK00	LU00302	SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509	PTF
	LU00447	DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS	PTF
The CA RS 2104 service count for this FMID is 2			

CA DB2 Tools
CA RS 2104 Service List for CPLAK00

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FMID	Service	Description	Type
CPLAK00	LU00335	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
	LU00480	JOB HANGS WITH SOC1 FROM LAL@BLDX	PTF
	LU00597	DML REPORT FAILS WITH RC=16 AND MESSAGE LAE0246E	PTF
	LU00672	SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509	PTF
	LU00725	PFR MERGE COPY REFACTORING	PTF
The CA RS 2104 service count for this FMID is 5			

CA DB2 Tools
CA RS 2104 Service List for CPPAK00

FMID	Service	Description	Type
CPPAK00	LU00440	NEW PPA COMPARE SUMMARY REPORT W/COMPARE HISTORY TABLE	PTF
	LU00646	S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS	PTF
The CA RS 2104 service count for this FMID is 2			

CA DB2 Tools
CA RS 2104 Service List for CPRAK00

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FMID	Service	Description	Type
CPRAK00	LU00336	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
The CA RS 2104 service count for this FMID is 1			

CA DB2 Tools
CA RS 2104 Service List for CPRFK00

FMID	Service	Description	Type
CPRFK00	LU00400	QMF-PRF CONVERSION TOOL ENHANCEMENTS	PTF
The CA RS 2104 service count for this FMID is 1			

CA DB2 Tools
CA RS 2104 Service List for CPRRK00

FMID	Service	Description	Type
CPRRK00	LU00303	SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509	PTF
	LU00452	SOC4 ABEND IN RRL\$RM2 FOR PBG TABLESPACE WITH 1 PARTITION.	*HIP/PRP*
	LU00726	PFR MERGE COPY REFACTORING	PTF
The CA RS 2104 service count for this FMID is 3			

CA DB2 Tools
CA RS 2104 Service List for CPSAK00

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FMID	Service	Description	Type
CPSAK00	LU00500	VALUES ARE ZERO ON THE BUFFER POOL DETAIL AND SUMMARY REPORT	PTF
	LU00576	DUMP TITLE=CA-SSANALZE 20.0 COLLECTION FRR/SDUMP ABEND 0C4	PTF
The CA RS 2104 service count for this FMID is 2			

CA DB2 Tools
CA RS 2104 Service List for CPUTK00

FMID	Service	Description	Type
CPUTK00	LU00177	ENHANCE OPTIONS UTILITY TO SUPPORT PREVIEW SYNTAX	PTF
	LU00304	SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509	PTF
	LU00337	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
	LU00437	PUT6304E -511 IN UTAGLPBG COMPRESSED PBG, SOC1 IN FLLUTS2	PTF
	LU00727	PFR MERGE COPY REFACTORING	PTF
The CA RS 2104 service count for this FMID is 5			

FMID	Service	Description	Type
CRCMK00	LU00338	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
	LU00448	DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS	PTF
The CA RS 2104 service count for this FMID is 2			

CA DB2 Tools
CA RS 2104 Service List for CRCQK00

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FMID	Service	Description	Type
CRCQK00	LU00339	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
	LU00413	HDDL BATCH EXECUTION FAILS WITH SB13 OR JCL ERROR	PTF
	LU00532	TOLERATE EXPLICIT COMPRESS YES FIXEDLENGTH AND YES HUFFMAN	PTF
The CA RS 2104 service count for this FMID is 3			

CA DB2 Tools
CA RS 2104 Service List for CRC SK00

FMID	Service	Description	Type
CRC SK00	LU00340	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
The CA RS 2104 service count for this FMID is 1			

CA DB2 Tools
CA RS 2104 Service List for CRCUK00

FMID	Service	Description	Type
CRCUK00	LU00341	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
	LU00433	SOC7 ABEND WHEN COMPARING TABLES WITH INDEXES	PTF
	LU00449	DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS	PTF
	LU00511	BROWSING A TABLE WITH A BINARY COLUMN FAILS WITH A 478 ABEND	PTF
The CA RS 2104 service count for this FMID is 4			

CA DB2 Tools
CA RS 2104 Service List for CRCXK00

FMID	Service	Description	Type
CRCXK00	LU00342	UPDATE PRODUCT SUPPORT HELP PANELS	PTF
	LU00411	LOAD STEP FAILS WITH OFS POPUP ERROR	PTF
	LU00450	DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS	PTF
The CA RS 2104 service count for this FMID is 3			

CA DB2 Tools
CA RS 2104 Service List for CSQ2100

FMID	Service	Description	Type
CSQ2100	LU00565	MEMORY LEAK IN SQL TRANSFORMATION SERVICE MAY CAUSE S878	PTF
	LU00659	POTENTIAL S978 ABEND DURING THE LEXICAL ANALYSIS	PTF
The CA RS 2104 service count for this FMID is 2			

CA DB2 Tools
CA RS 2104 Service List for CUGRK00

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FMID	Service	Description	Type
CUGRK00	LU00275	ENHANCE OPTIONS UTILITY TO SUPPORT PREVIEW SYNTAX	PTF
	LU00689	REBUILD INDEX OBJ-LIST SYNTAX ERROR & PMM0412E IS INCORRECT	PTF
	LU00728	PFR MERGE COPY REFACTORING	PTF
The CA RS 2104 service count for this FMID is 3			

Service	Details
LU00177	LU00177 M.C.S. ENTRIES = ++PTF (LU00177) ENHANCE OPTIONS UTILITY TO SUPPORT PREVIEW SYNTAX ENHANCEMENT DESCRIPTION: The Options Utility will now tolerate PREVIEW SIMULATE syntax. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1074 Copyright (C) 2021 CA. All rights reserved. R01281-D200-SP1 DESC(ENHANCE OPTIONS UTILITY TO SUPPORT PREVIEW SYNTAX). ++VER (Z038) FMID (CPUTK00) PRE (R097717 R099566 S000024 S001659 S005016 S005102 S006874 S007820 S008586 S009253 S011238 S011604 S011849 S011999 S012153 S012278 S012529 S015314) SUP (LT00177 ST16269) ++IF FMID(CUGRK00) REQ(LU00275) .

Service	Details
LU00275	LU00275 M.C.S. ENTRIES = ++PTF (LU00275) ENHANCE OPTIONS UTILITY TO SUPPORT PREVIEW SYNTAX ENHANCEMENT DESCRIPTION: The Options Utility will now tolerate PREVIEW SIMULATE syntax. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1074 Copyright (C) 2021 CA. All rights reserved. R01281-D200-SP1 DESC(ENHANCE OPTIONS UTILITY TO SUPPORT PREVIEW SYNTAX). ++VER (Z038) FMID (CUGRK00) PRE (S012352 S012902 S014483) SUP (LT00275) ++IF FMID(CPUTK00) REQ(LU00177) .

Service	Details
LU00277	LU00277 M.C.S. ENTRIES = ++PTF (LU00277) CATALOG TABLE DIRECTORY SERVICE TO SUPPORT DB2 12 V12R1M509 ENHANCEMENT DESCRIPTION: Internal enhancement to add support for Db2 12 Catalog Level V12R1M509 to the internal Catalog Table Directory Service of the 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 1446 Copyright (C) 2021 CA. All rights reserved. R01297-D200-SP1 DESC(CATALOG TABLE DIRECTORY SERVICE TO SUPPORT DB2 12 V12R1M509) . ++VER (Z038) FMID (CINSK00) PRE (R099553 S004455 S006863 S007807) SUP (LT00277 S009426 S010662 S013574 S015031 ST09426 ST10662 ST13574 ST15031)

Service	Details
LU00283	LU00283 M.C.S. ENTRIES = ++PTF (LU00283) CSLLVLST MODULE IS NOT DELETED AFTER A USER EXITS DB2 TOOLS PROBLEM DESCRIPTION: Internal load module CSLLVLST is not deleted when a user leaves the CA Database Management Solutions for Db2 for z/OS Main Menu. SYMPTOMS: None. IMPACT: The load module is retained in the user address space. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 1448 Copyright (C) 2021 CA. All rights reserved. R01300-D200-SP1 DESC (CSLLVLST MODULE IS NOT DELETED AFTER A USER EXITS DB2 TOOLS). ++VER (Z038) FMID (CINSK00) PRE (R099553 S000016 S001396 S006113 S015789) SUP (LT00283)

Service	Details
LU00299	LU00299 M.C.S. ENTRIES = ++PTF (LU00299) ADD BACKWARD CHAIN TO IDB2 ACCOUNTING HASH TABLES PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector may use significant amounts of CPU searching the IDB2 accounting hash chains. A backward chain pointer is added to the control block to reduce serial searches. SYMPTOMS: Long serial searches may result in a shortage of hash table space above the bar. IMPACT: If all storage above the bar (512 Meg) is exhausted data loss will occur. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 12874 Copyright (C) 2021 CA. All rights reserved. R01301-D200-SP1 DESC(ADD BACKWARD CHAIN TO IDB2 ACCOUNTING HASH TABLES) . ++VER (Z038) FMID (CIDBK00) PRE (LU00253 R096575 R097703 R098428 R099552 S001395 S004454 S006112 S006333 S006862 S007806 S008279 S008846 S009519 S009556 S010160 S011616 S011693 S011977 S012428 S012769 S013891 S014016 S014164 S014389 S014642 S014843 S014923 S015049 S015070 S015254 S015931 S016116 S016200) SUP (LT00299 R097683 ST10533 ST13775 TR97683 TR98366) ++HOLD (LU00299) SYSTEM FMID(CIDBK00) REASON (DOC) DATE (21064) COMMENT (+-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 +-----+ ***** * PUBLICATION * ***** A new SYSPARM PDTSQL-BACKCHAIN is introduced. Please refer to the official product documentation for details. No action is required and the default setting of NO will be used, which operates compatibly with prior code levels. A setting of YES will only take effect if the new code level is also present in Xmanager.). ++HOLD (LU00299) SYSTEM FMID(CIDBK00) REASON (RESTART) DATE (21064) COMMENT (+-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS

Service	Details
	<pre> 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.). CSECT (NUHSTLOM) . </pre>

Service	Details										
LU00301	LU00301 M.C.S. ENTRIES = ++PTF (LU00301) SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509 ENHANCEMENT DESCRIPTION: CA Database Management Solutions for DB2 for z/OS Utilities now support Db2 function and catalog level V12R1M509. 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> </table> Related Problem: PUT 12750 Copyright (C) 2021 CA. All rights reserved. R01302-D200-SP1 DESC(SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509) . ++VER (Z038) FMID (CPFLK00) PRE (S000018 S001656 S006117 S008071 S009024 S011107 S011996 S012107 S012150 S012275 S012526 S013150 S013706 S014031 S015235 S015484) SUP (LT00301 ST11056 ST13122 ST15157) ++IF FMID(CINSK00) REQ(LU00277) . ++IF FMID(CPFUK00) REQ(LU00302) . ++IF FMID(CPRRK00) REQ(LU00303) . ++IF FMID(CPUTK00) REQ(LU00304) .	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 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										

Service	Details										
LU00302	LU00302 M.C.S. ENTRIES = ++PTF (LU00302) SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509 ENHANCEMENT DESCRIPTION: CA Database Management Solutions for DB2 for z/OS Utilities now support Db2 function and catalog level V12R1M509. 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> </table> Related Problem: PUT 12750 Copyright (C) 2021 CA. All rights reserved. R01302-D200-SP1 DESC(SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509) . ++VER (Z038) FMID (CPFUK00) PRE (RO99558 S000019 S001402 S001818 S004460 S006118 S006867 S007812 S008860 S011108 S011997 S012151 S013151 S013707 S014984 S015236 S016195) SUP (LT00302 ST13123 ST15158) ++IF FMID(CINSK00) REQ(LU00277) . ++IF FMID(CPRRK00) REQ(LU00303) . ++IF FMID(CPUTK00) REQ(LU00304) . ++IF FMID(CPFLK00) REQ(LU00301) .	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 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										

Service	Details										
LU00303	LU00303 M.C.S. ENTRIES = ++PTF (LU00303) SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509 ENHANCEMENT DESCRIPTION: CA Database Management Solutions for DB2 for z/OS Utilities now support Db2 function and catalog level V12R1M509. 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> </table> Related Problem: PUT 12750 Copyright (C) 2021 CA. All rights reserved. R01302-D200-SP1 DESC(SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509) . ++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 S015313) SUP (LT00303 S015585 ST11058 ST15159 ST15282 ST15289 ST15585) ++IF FMID(CINSK00) REQ(LU00277) . ++IF FMID(CPFUK00) REQ(LU00302) . ++IF FMID(CPUTK00) REQ(LU00304) . ++IF FMID(CPFLK00) REQ(LU00301) .	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 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										

Service	Details										
LU00304	LU00304 M.C.S. ENTRIES = ++PTF (LU00304) SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509 ENHANCEMENT DESCRIPTION: CA Database Management Solutions for DB2 for z/OS Utilities now support Db2 function and catalog level V12R1M509. 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> </table> Related Problem: PUT 12750 Copyright (C) 2021 CA. All rights reserved. R01302-D200-SP1 DESC(SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509) . ++VER (Z038) FMID (CPUTK00) PRE (R098969 S000024 S006127 S011110 S011604 S011999 S012153 S013153 S013205 S013709 S015238 S015486) SUP (LT00304 ST15160) ++IF FMID(CINSK00) REQ(LU00277) . ++IF FMID(CPFUK00) REQ(LU00302) . ++IF FMID(CPRRK00) REQ(LU00303) . ++IF FMID(CPFLK00) REQ(LU00301) .	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 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										

Service	Details
LU00314	LU00314 M.C.S. ENTRIES = ++PTF (LU00314) CAPTURE THRESHOLD VALUES (CTV) FOR ACTION PROCEDURES ENHANCEMENT DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) now gives you the ability to capture the threshold (condition) values of database objects that are selected for actions based on the conditions in action procedures tied to an extract procedure with Real Time Object Selection (RTOS). The Capture Threshold Values (PTICTV) report lists the condition values that are met and not met by objects selected by extract procedures and all tied action procedures. For more information, see the PDA product documentation on the Capture Threshold Values (CTV) feature. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 1370 Copyright (C) 2021 CA. All rights reserved. R01304-D200-SP1 DESC(CAPTURE THRESHOLD VALUES (CTV) FOR ACTION PROCEDURES). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 R099555 S000017 S009652 S010042 S014175) SUP (LT00314 S004010 S013584 ST04010 ST13584) ++HOLD (LU00314) SYSTEM FMID(CPDAK00) REASON (DB2BIND) DATE (21063) COMMENT (<pre> +-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+ ***** * STEPS TO PERFORM * ***** 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. </pre>

Service	Details
	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. <pre> +-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. 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> <pre> +-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Create required DB2 object +-----+-----+ USERS All users of PDA AFFECTED +-----+-----+ KNOWLEDGE CA Database Management Solutions for DB2 for z/OS REQUIRED Post-Install option (INS) +-----+-----+ ACCESS Post Install customization libraries REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** </pre>

Service	Details
	<pre> 1 Enter CA Post-Install Tailoring panels (INS) 2 Select 3 'Tasks - Execute DB2 catalog customization tasks' 3 Select INS Create Required DB2 Objects 4 Submit the generated JCL on all subsystems). ++HOLD (LU00314) SYSTEM FMID(CPDAK00) REASON (DB2DDL) DATE (21063) COMMENT (+-----+ CA Database 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/alterd and a Bind Replace performed as part of this maintenance. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the following tasks using the post-install tailoring options: 1. Compare DB2 Objects 2. Create Required DB2 Objects 3. Bind Product Packages and Plans IMPORTANT! If CA SYSVIEW for DB2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). </pre>

Service	Details
LU00330	LU00330 M.C.S. ENTRIES = ++PTF (LU00330) UPDATE PRODUCT SUPPORT HELP PANELS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS help panels have been updated with Broadcom support information. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 12746 Copyright (C) 2021 CA. All rights reserved. R01309-D200-SP1 DESC(UPDATE PRODUCT SUPPORT HELP PANELS) . ++VER (Z038) FMID (CAHOK00) SUP (LT00330) ++IF FMID(CIDBK00) REQ(LU00331) . ++IF FMID(CINSK00) REQ(LU00332) . ++IF FMID(CPDAK00) REQ(LU00333) . ++IF FMID(CPDTK00) REQ(LU00334) . ++IF FMID(CPLAK00) REQ(LU00335) . ++IF FMID(CPRAK00) REQ(LU00336) . ++IF FMID(CPUTK00) REQ(LU00337) . ++IF FMID(CRCMK00) REQ(LU00338) . ++IF FMID(CRCQK00) REQ(LU00339) . ++IF FMID(CRC SK00) REQ(LU00340) . ++IF FMID(CRCUK00) REQ(LU00341) . ++IF FMID(CRCXK00) REQ(LU00342) .

Service	Details
LU00331	LU00331 M.C.S. ENTRIES = ++PTF (LU00331) UPDATE PRODUCT SUPPORT HELP PANELS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS help panels have been updated with Broadcom support information. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 12746 Copyright (C) 2021 CA. All rights reserved. R01309-D200-SP1 DESC(UPDATE PRODUCT SUPPORT HELP PANELS) . ++VER (Z038) FMID (CIDBK00) PRE (S008846) SUP (LT00331) ++IF FMID(CINSK00) REQ(LU00332) . ++IF FMID(CPDAK00) REQ(LU00333) . ++IF FMID(CPDTK00) REQ(LU00334) . ++IF FMID(CPLAK00) REQ(LU00335) . ++IF FMID(CPRAK00) REQ(LU00336) . ++IF FMID(CPUTK00) REQ(LU00337) . ++IF FMID(CRCMK00) REQ(LU00338) . ++IF FMID(CRCQK00) REQ(LU00339) . ++IF FMID(CRC SK00) REQ(LU00340) . ++IF FMID(CRCUK00) REQ(LU00341) . ++IF FMID(CRCXK00) REQ(LU00342) . ++IF FMID(CAHOK00) REQ(LU00330) .

Service	Details
LU00332	LU00332 M.C.S. ENTRIES = ++PTF (LU00332) UPDATE PRODUCT SUPPORT HELP PANELS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS help panels have been updated with Broadcom support information. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 12746 Copyright (C) 2021 CA. All rights reserved. R01309-D200-SP1 DESC(UPDATE PRODUCT SUPPORT HELP PANELS) . ++VER (Z038) FMID (CINSK00) PRE (S012851) SUP (LT00332 S011576 ST11576) ++IF FMID(CIDBK00) REQ(LU00331) . ++IF FMID(CPDAK00) REQ(LU00333) . ++IF FMID(CPDTK00) REQ(LU00334) . ++IF FMID(CPLAK00) REQ(LU00335) . ++IF FMID(CPRAK00) REQ(LU00336) . ++IF FMID(CPUTK00) REQ(LU00337) . ++IF FMID(CRCMK00) REQ(LU00338) . ++IF FMID(CRCQK00) REQ(LU00339) . ++IF FMID(CRCSK00) REQ(LU00340) . ++IF FMID(CRCUK00) REQ(LU00341) . ++IF FMID(CRCXK00) REQ(LU00342) . ++IF FMID(CAHOK00) REQ(LU00330) .

Service	Details
LU00333	LU00333 M.C.S. ENTRIES = ++PTF (LU00333) UPDATE PRODUCT SUPPORT HELP PANELS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS help panels have been updated with Broadcom support information. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 12746 Copyright (C) 2021 CA. All rights reserved. R01309-D200-SP1 DESC(UPDATE PRODUCT SUPPORT HELP PANELS) . ++VER (Z038) FMID (CPDAK00) SUP (LT00333) ++IF FMID(CIDBK00) REQ(LU00331) . ++IF FMID(CINSK00) REQ(LU00332) . ++IF FMID(CPDTK00) REQ(LU00334) . ++IF FMID(CPLAK00) REQ(LU00335) . ++IF FMID(CPRAK00) REQ(LU00336) . ++IF FMID(CPUTK00) REQ(LU00337) . ++IF FMID(CRCMK00) REQ(LU00338) . ++IF FMID(CRCQK00) REQ(LU00339) . ++IF FMID(CRC SK00) REQ(LU00340) . ++IF FMID(CRCUK00) REQ(LU00341) . ++IF FMID(CRCXK00) REQ(LU00342) . ++IF FMID(CAHOK00) REQ(LU00330) .

Service	Details
LU00334	LU00334 M.C.S. ENTRIES = ++PTF (LU00334) UPDATE PRODUCT SUPPORT HELP PANELS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS help panels have been updated with Broadcom support information. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 12746 Copyright (C) 2021 CA. All rights reserved. R01309-D200-SP1 DESC(UPDATE PRODUCT SUPPORT HELP PANELS) . ++VER (Z038) FMID (CPDTK00) PRE (S011606) SUP (LT00334 S013091 ST11558 ST13091) ++IF FMID(CIDBK00) REQ(LU00331) . ++IF FMID(CINSK00) REQ(LU00332) . ++IF FMID(CPDAK00) REQ(LU00333) . ++IF FMID(CPLAK00) REQ(LU00335) . ++IF FMID(CPRAK00) REQ(LU00336) . ++IF FMID(CPUTK00) REQ(LU00337) . ++IF FMID(CRCMK00) REQ(LU00338) . ++IF FMID(CRCQK00) REQ(LU00339) . ++IF FMID(CRCSK00) REQ(LU00340) . ++IF FMID(CRCUK00) REQ(LU00341) . ++IF FMID(CRCXK00) REQ(LU00342) . ++IF FMID(CAHOK00) REQ(LU00330) .

Service	Details
LU00335	LU00335 M.C.S. ENTRIES = ++PTF (LU00335) UPDATE PRODUCT SUPPORT HELP PANELS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS help panels have been updated with Broadcom support information. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 12746 Copyright (C) 2021 CA. All rights reserved. R01309-D200-SP1 DESC(UPDATE PRODUCT SUPPORT HELP PANELS) . ++VER (Z038) FMID (CPLAK00) PRE (S011583) SUP (LT00335) ++IF FMID(CIDBK00) REQ(LU00331) . ++IF FMID(CINSK00) REQ(LU00332) . ++IF FMID(CPDAK00) REQ(LU00333) . ++IF FMID(CPDTK00) REQ(LU00334) . ++IF FMID(CPRAK00) REQ(LU00336) . ++IF FMID(CPUTK00) REQ(LU00337) . ++IF FMID(CRCMK00) REQ(LU00338) . ++IF FMID(CRCQK00) REQ(LU00339) . ++IF FMID(CRCSK00) REQ(LU00340) . ++IF FMID(CRCUK00) REQ(LU00341) . ++IF FMID(CRCXK00) REQ(LU00342) . ++IF FMID(CAHOK00) REQ(LU00330) .

Service	Details
LU00336	LU00336 M.C.S. ENTRIES = ++PTF (LU00336) UPDATE PRODUCT SUPPORT HELP PANELS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS help panels have been updated with Broadcom support information. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 12746 Copyright (C) 2021 CA. All rights reserved. R01309-D200-SP1 DESC(UPDATE PRODUCT SUPPORT HELP PANELS) . ++VER (Z038) FMID (CPRAK00) SUP (LT00336) ++IF FMID(CIDBK00) REQ(LU00331) . ++IF FMID(CINSK00) REQ(LU00332) . ++IF FMID(CPDAK00) REQ(LU00333) . ++IF FMID(CPDTK00) REQ(LU00334) . ++IF FMID(CPLAK00) REQ(LU00335) . ++IF FMID(CPUTK00) REQ(LU00337) . ++IF FMID(CRCMK00) REQ(LU00338) . ++IF FMID(CRCQK00) REQ(LU00339) . ++IF FMID(CRCSK00) REQ(LU00340) . ++IF FMID(CRCUK00) REQ(LU00341) . ++IF FMID(CRCXK00) REQ(LU00342) . ++IF FMID(CAHOK00) REQ(LU00330) .

Service	Details
LU00337	LU00337 M.C.S. ENTRIES = ++PTF (LU00337) UPDATE PRODUCT SUPPORT HELP PANELS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS help panels have been updated with Broadcom support information. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 12746 Copyright (C) 2021 CA. All rights reserved. R01309-D200-SP1 DESC(UPDATE PRODUCT SUPPORT HELP PANELS) . ++VER (Z038) FMID (CPUTK00) SUP (LT00337) ++IF FMID(CIDBK00) REQ(LU00331) . ++IF FMID(CINSK00) REQ(LU00332) . ++IF FMID(CPDAK00) REQ(LU00333) . ++IF FMID(CPDTK00) REQ(LU00334) . ++IF FMID(CPLAK00) REQ(LU00335) . ++IF FMID(CPRAK00) REQ(LU00336) . ++IF FMID(CRCMK00) REQ(LU00338) . ++IF FMID(CRCQK00) REQ(LU00339) . ++IF FMID(CRC SK00) REQ(LU00340) . ++IF FMID(CRCUK00) REQ(LU00341) . ++IF FMID(CRCXK00) REQ(LU00342) . ++IF FMID(CAHOK00) REQ(LU00330) .

Service	Details
LU00338	LU00338 M.C.S. ENTRIES = ++PTF (LU00338) UPDATE PRODUCT SUPPORT HELP PANELS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS help panels have been updated with Broadcom support information. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 12746 Copyright (C) 2021 CA. All rights reserved. R01309-D200-SP1 DESC(UPDATE PRODUCT SUPPORT HELP PANELS) . ++VER (Z038) FMID (CRCMK00) SUP (LT00338) ++IF FMID(CIDBK00) REQ(LU00331) . ++IF FMID(CINSK00) REQ(LU00332) . ++IF FMID(CPDAK00) REQ(LU00333) . ++IF FMID(CPDTK00) REQ(LU00334) . ++IF FMID(CPLAK00) REQ(LU00335) . ++IF FMID(CPRAK00) REQ(LU00336) . ++IF FMID(CPUTK00) REQ(LU00337) . ++IF FMID(CRCQK00) REQ(LU00339) . ++IF FMID(CRCSK00) REQ(LU00340) . ++IF FMID(CRCUK00) REQ(LU00341) . ++IF FMID(CRCXK00) REQ(LU00342) . ++IF FMID(CAHOK00) REQ(LU00330) .

Service	Details
LU00339	LU00339 M.C.S. ENTRIES = ++PTF (LU00339) UPDATE PRODUCT SUPPORT HELP PANELS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS help panels have been updated with Broadcom support information. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 12746 Copyright (C) 2021 CA. All rights reserved. R01309-D200-SP1 DESC(UPDATE PRODUCT SUPPORT HELP PANELS) . ++VER (Z038) FMID (CRCQK00) SUP (LT00339) ++IF FMID(CIDBK00) REQ(LU00331) . ++IF FMID(CINSK00) REQ(LU00332) . ++IF FMID(CPDAK00) REQ(LU00333) . ++IF FMID(CPDTK00) REQ(LU00334) . ++IF FMID(CPLAK00) REQ(LU00335) . ++IF FMID(CPRAK00) REQ(LU00336) . ++IF FMID(CPUTK00) REQ(LU00337) . ++IF FMID(CRCMK00) REQ(LU00338) . ++IF FMID(CRCSK00) REQ(LU00340) . ++IF FMID(CRCUK00) REQ(LU00341) . ++IF FMID(CRCXK00) REQ(LU00342) . ++IF FMID(CAHOK00) REQ(LU00330) .

Service	Details
LU00340	LU00340 M.C.S. ENTRIES = ++PTF (LU00340) UPDATE PRODUCT SUPPORT HELP PANELS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS help panels have been updated with Broadcom support information. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 12746 Copyright (C) 2021 CA. All rights reserved. R01309-D200-SP1 DESC(UPDATE PRODUCT SUPPORT HELP PANELS) . ++VER (Z038) FMID (CRCSK00) SUP (LT00340) ++IF FMID(CIDBK00) REQ(LU00331) . ++IF FMID(CINSK00) REQ(LU00332) . ++IF FMID(CPDAK00) REQ(LU00333) . ++IF FMID(CPDTK00) REQ(LU00334) . ++IF FMID(CPLAK00) REQ(LU00335) . ++IF FMID(CPRAK00) REQ(LU00336) . ++IF FMID(CPUTK00) REQ(LU00337) . ++IF FMID(CRCMK00) REQ(LU00338) . ++IF FMID(CRCQK00) REQ(LU00339) . ++IF FMID(CRCUK00) REQ(LU00341) . ++IF FMID(CRCXK00) REQ(LU00342) . ++IF FMID(CAHOK00) REQ(LU00330) .

Service	Details
LU00341	LU00341 M.C.S. ENTRIES = ++PTF (LU00341) UPDATE PRODUCT SUPPORT HELP PANELS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS help panels have been updated with Broadcom support information. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 12746 Copyright (C) 2021 CA. All rights reserved. R01309-D200-SP1 DESC(UPDATE PRODUCT SUPPORT HELP PANELS) . ++VER (Z038) FMID (CRCUK00) SUP (LT00341) ++IF FMID(CIDBK00) REQ(LU00331) . ++IF FMID(CINSK00) REQ(LU00332) . ++IF FMID(CPDAK00) REQ(LU00333) . ++IF FMID(CPDTK00) REQ(LU00334) . ++IF FMID(CPLAK00) REQ(LU00335) . ++IF FMID(CPRAK00) REQ(LU00336) . ++IF FMID(CPUTK00) REQ(LU00337) . ++IF FMID(CRCMK00) REQ(LU00338) . ++IF FMID(CRCQK00) REQ(LU00339) . ++IF FMID(CRC SK00) REQ(LU00340) . ++IF FMID(CRCXK00) REQ(LU00342) . ++IF FMID(CAHOK00) REQ(LU00330) .

Service	Details
LU00342	LU00342 M.C.S. ENTRIES = ++PTF (LU00342) UPDATE PRODUCT SUPPORT HELP PANELS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS help panels have been updated with Broadcom support information. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 12746 Copyright (C) 2021 CA. All rights reserved. R01309-D200-SP1 DESC(UPDATE PRODUCT SUPPORT HELP PANELS) . ++VER (Z038) FMID (CRCXK00) SUP (LT00342) ++IF FMID(CIDBK00) REQ(LU00331) . ++IF FMID(CINSK00) REQ(LU00332) . ++IF FMID(CPDAK00) REQ(LU00333) . ++IF FMID(CPDTK00) REQ(LU00334) . ++IF FMID(CPLAK00) REQ(LU00335) . ++IF FMID(CPRAK00) REQ(LU00336) . ++IF FMID(CPUTK00) REQ(LU00337) . ++IF FMID(CRCMK00) REQ(LU00338) . ++IF FMID(CRCQK00) REQ(LU00339) . ++IF FMID(CRC SK00) REQ(LU00340) . ++IF FMID(CRCUK00) REQ(LU00341) . ++IF FMID(CAHOK00) REQ(LU00330) .

Service	Details
LU00359	LU00359 M.C.S. ENTRIES = ++PTF (LU00359) POST-INSTALL ONLINE MIGRATIONS OF PTDB CHANGES PROBLEM DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS post-install process compare and create tasks are going to support online migrations. For example, if a column is added to a table in an UTS tablespace, the ALTER TABLE ADD COLUMN will be generated together with the following message without any REORG statements generated. RMA1084W One or more alterations to table PTI.PDT_OBJECT_nnn places tablespace PTDB.PDTOBnnn into Advisory REORG Pending(AREO*). A tablespace REORG is required before certain additional alterations can be made to the affected objects. This process has been improved to perform the online migration of PTDB changes. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: INS 485 Copyright (C) 2021 CA. All rights reserved. R01311-D200-SP1 DESC(POST-INSTALL ONLINE MIGRATIONS OF PTDB CHANGES). ++VER (Z038) FMID (CINSK00) PRE (R099553 S007807 S009860) SUP (LT00359 S009857 ST09857)

Service	Details				
LU00368	LU00368 M.C.S. ENTRIES = ++PTF (LU00368) CHECK CONST APPEARS ON A TEMPLATED TABLE AFTER IT IS DROPPED PROBLEM DESCRIPTION: CA RC/Update for DB2 for z/OS (RCU) and CA RC/Migrator for DB2 for z/OS (RCM) will generate check constraint without the check condition if the check constraint is dropped and the DB2 Version is >= V12R1M502 SYMPTOMS: The create table DDL will include the dropped check constraint without the condition like the following: <pre>,CONSTRAINT <constraint name> CHECK ()</pre> IMPACT: The execution of the DDL will fail. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCU 12881 Copyright (C) 2021 CA. All rights reserved. R01312-D200-SP1 DESC(CHECK CONST APPEARS ON A TEMPLATED TABLE AFTER IT IS DROPPED). ++VER (Z038) FMID (CINSK00) PRE (S007379 S011966 S012933) SUP (LT00368 S009892 ST09892)	CA RC/Update for DB2 for z/OS	Version 20.0	CA RC/Migrator for DB2 for z/OS	Version 20.0
CA RC/Update for DB2 for z/OS	Version 20.0				
CA RC/Migrator for DB2 for z/OS	Version 20.0				

Service	Details
LU00381	LU00381 M.C.S. ENTRIES = ++PTF (LU00381) RI RELATED OBJECTS MISSING FROM TABLESPACE SET IN ACTION JCL PROBLEM DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) may fail to include objects in the generated Action JCL when there are objects, participating in referential integrity (RI) relationships, selected by the Extract Procedure. SYMPTOMS: Objects connected by referential constraints are missing from the generated Action JCL. IMPACT: RI related objects are not processed by Action JCL. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Keyword(s): QUIESCE %TSSET TABLESPACESET QU REFERENTIAL INTEGRITY RI Related Problem: PDA 12886 Copyright (C) 2021 CA. All rights reserved. R01313-D200-SP1 DESC(RI RELATED OBJECTS MISSING FROM TABLESPACE SET IN ACTION JCL). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 S004948 S007809 S009763) SUP (LT00381) ++HOLD (LU00381) SYSTEM FMID(CPDAK00) REASON (DB2BIND) DATE (21060) COMMENT (-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 -----+ SEQUENCE After Apply -----+ PURPOSE Bind Plans and Packages -----+ USERS -----+ AFFECTED All Users -----+ KNOWLEDGE -----+ REQUIRED CA DB2 Tools Post Install Customization -----+ ACCESS 1. CA DB2 Tools Post Install -----+ REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. -----+ ***** * STEPS TO PERFORM * ***** 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.

Service	Details
	Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. IMPORTANT! If CA SYSVIEW for DB2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors. <pre> +-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. 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> <pre> +-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS All Users AFFECTED +-----+ KNOWLEDGE CA DB2 Tools Post Install Customization. REQUIRED +-----+ ACCESS 1. CA DB2 Tools Post Install </pre>

Service	Details
	<pre> REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans.).</pre>

Service	Details
LU00399	LU00399 M.C.S. ENTRIES = ++PTF (LU00399) ANALYSIS ENDS WITH SQLCODE -206 WHEN TARGET IS REMOTE PROBLEM DESCRIPTION: When performing an analysis on a compare strategy using CA RC/Compare for DB2 for z/OS (RCC), the analysis ends with sqlcode -206 when: 1) The SOURCE DB2 version < V12R1502 2) The target is remote with a DB2 version >= V12R1502. SYMPTOMS: DSNT408I SQLCODE = -206, ERROR: KEYLABEL IS NOT VALID IN THE CONTEXT WHERE IT IS USED DSNT418I SQLSTATE = 42703 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXORSO SQL PROCEDURE DETECTING ERROR DSNT416I SQLERRD = -100 0 0 -1 0 0 SQL DIAGNOSTIC INFORMATION DSNT416I SQLERRD = X'FFFFFF9C' X'00000000' X'00000000' X'FFFFFFF' X'00000000' X'00000000' SQL DIAGNOSTIC IMPACT: The analysis ends prematurely without generating any DDL. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 12786 Copyright (C) 2021 CA. All rights reserved. R01314-D200-SP1 DESC(ANALYSIS ENDS WITH SQLCODE -206 WHEN TARGET IS REMOTE). ++VER (Z038) FMID (CINSK00) PRE (R097704 S001396 S004455 S004718 S006638 S007379 S008291 S009105 S009799 S011691 S011966 S012361 S012933 S015804) SUP (LT00399) CSECT(RMAZSUBR,DUMMY,PTIDECP).

Service	Details
LU00400	LU00400 M.C.S. ENTRIES = ++PTF (LU00400) QMF-PRF CONVERSION TOOL ENHANCEMENTS ENHANCEMENT DESCRIPTION: In CA Report Facility (PRF), the PRF/QMF Import Services Facility has been updated to maintain compatibility with the latest PRF features. PRODUCT(S) AFFECTED: CA Report Facility Version 20.0 Related Problem: BIPRF 12873 Copyright (C) 2021 CA. All rights reserved. R01315-D200-SP1 DESC(QMF-PRF CONVERSION TOOL ENHANCEMENTS) . ++VER (Z038) FMID (CPRFK00) PRE (R097712 R099195 R099562 S001406 S004464 S006443) SUP (LT00400) CSECT(XXXXQPM) .

Service	Details
LU00402	LU00402 M.C.S. ENTRIES = ++PTF (LU00402) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. When the architectural enhancement is ready for release, additional information will be provided. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 12882 Copyright (C) 2021 CA. All rights reserved. R01316-D200-SP1 DESC (INFRASTRUCTURE FOR FUTURE ENHANCEMENT) . ++VER (Z038) FMID (CPDTK00) PRE (LU00124 R096168 R096580 R097707 R098429 R099556 S000263 S001400 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S008129 S008323 S008789 S009065 S010538 S010908 S011694 S011983 S012538 S012921 S013887 S013889 S014338 S015395 S015723 S016174) SUP (AS06334 AS08129 AS13450 AS16113 LT00240 LT00307 LT00329 LT00402 LU00240 LU00329 R099946 S000423 S006838 S007988 S008446 S009239 S009601 S009828 S010018 S010492 S010652 S013450 S013655 S014680 S015843 S015927 S016113 ST00423 ST06838 ST07220 ST07988 ST08446 ST09239 ST09601 ST09828 ST10018 ST10492 ST10652 ST13450 ST13655 ST14680 ST15843 ST15927 ST16113 TR99946) ++HOLD (LU00402) SYSTEM FMID (CPDTK00) REASON (RESTART) DATE (21067) COMMENT (<pre> +-----+ CA Detector for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * </pre>

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

Service	Details
LU00411	LU00411 M.C.S. ENTRIES = ++PTF (LU00411) LOAD STEP FAILS WITH OFS POPUP ERROR PROBLEM DESCRIPTION: When using CA RC/Extract for DB2 for z/OS (RCX), the load step fails with an OFS popup error when the CREATE DDL contains an SQL error. SYMPTOMS: The following popup error is displayed: OFS0001E - openHandleList Invalid Openoperation set for openHandlist function. IMPACT: The load job cannot be executed successfully. CIRCUMVENTION: In option 3 (Define targets) on the RC/EXTRACT Extract/Load Services menu, correct the SQL error by creating the target objects using the command 'T' template. PRODUCT(S) AFFECTED: CA RC/Extract for DB2 for z/OS Version 20.0 Related Problem: RCX 13005 Copyright (C) 2021 CA. All rights reserved. R01317-D200-SP1 DESC (LOAD STEP FAILS WITH OFS POPUP ERROR) . ++VER (Z038) FMID (CRCXK00) PRE (R099572 R099853 S007384 S009110 S011079 S011971 S012366 S012937 S015807) SUP (LT00411)

Service	Details
LU00412	LU00412 M.C.S. ENTRIES = ++PTF (LU00412) HDDL BATCH EXECUTION FAILS WITH SB13 OR JCL ERROR PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the HDDL command generates an incorrect dataset disposition for the output dataset in the generated JCL. SYMPTOMS: Job fails with SB13 error or a JCL syntactical error due to incorrectly generated dataset disposition. IMPACT: Hddl batch execution terminates abnormally. CIRCUMVENTION: User has to manually correct the generated JCL. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 13006 Copyright (C) 2021 CA. All rights reserved. R01318-D200-SP1 DESC(HDDL BATCH EXECUTION FAILS WITH SB13 OR JCL ERROR). ++VER (Z038) FMID (CINSK00) PRE (R099553 S001396) SUP (LT00412 S013044 ST13044) ++IF FMID(CRCQK00) REQ(LU00413) .

Service	Details		
LU00413	LU00413 M.C.S. ENTRIES = ++PTF (LU00413) HDDL BATCH EXECUTION FAILS WITH SB13 OR JCL ERROR PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the HDDL command generates an incorrect dataset disposition for the output dataset in the generated JCL. SYMPTOMS: Job fails with SB13 error or a JCL syntactical error due to incorrectly generated dataset disposition. IMPACT: Hddl batch execution terminates abnormally. CIRCUMVENTION: User has to manually correct the generated JCL. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 13006 Copyright (C) 2021 CA. All rights reserved. R01318-D200-SP1 DESC(HDDL BATCH EXECUTION FAILS WITH SB13 OR JCL ERROR). ++VER (Z038) FMID (CRCQK00) PRE (R099569 S009865) SUP (LT00413) ++IF FMID(CINSK00) REQ(LU00412) . ++HOLD (LU00413) SYSTEM FMID(CRCQK00) REASON (MSGSKEL) DATE (21062) COMMENT (<table border="1"> <tr> <td>CA RC/Query for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> 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.).	CA RC/Query for DB2 for z/OS	Version 20.0
CA RC/Query for DB2 for z/OS	Version 20.0		

Service	Details
LU00426	LU00426 M.C.S. ENTRIES = ++PTF (LU00426) SET CURRENT APPLICATION COMPATIBILITY NOT GENERATED REMOTE PROBLEM DESCRIPTION: In CA RC/Compare for DB2 for z/OS(RCC), the analysis does not generate the 'SET CURRENT APPLICATION COMPATIBILITY' statement for the deprecated objects when the following are true: 1) The source DB2 version < V12R1M503 2) The target is remote with DB2 version > V12R1M503 SYMPTOMS: The 'SET CURRENT APPLICATION COMPATIBILITY' is missing before the create table DDL. IMPACT: The execution of the create table DDL will fail with SQLCODE = -20008. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Compare for DB2 for z/OS (RCC) Version 20.0 Related Problem: RCC 12788 Copyright (C) 2021 CA. All rights reserved. R01319-D200-SP1 DESC (SET CURRENT APPLICATION COMPATIBILITY NOT GENERATED REMOTE) . ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S001396 S004455 S004718 S006113 S006638 S006863 S007379 S007807 S008957 S009105 S011691 S011866 S011966 S012361 S012933 S013071 S013930 S014125 S014832 S015804) SUP (LT00321 LT00426 R099748 S009126 S010331 S010631 S010827 S010978 S012524 ST08916 ST09126 ST10331 ST10631 ST10827 ST10978 ST12524 TR99748) CSECT (RMA@DDL, #@XFCALN) .

Service	Details
LU00427	LU00427 M.C.S. ENTRIES = ++PTF (LU00427) TRUNCATION PROBLEMS WITH SCREEN SCROLLING PROBLEM DESCRIPTION: CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) truncates the scroll amount entered on the command line after the fourth character. The item count can be formatted erroneously. SYMPTOMS: A report shows 'Item XXXX-YYYY/0' line at the header. A scroll value is entered on the command line but the report scrolls down to a different number of lines. IMPACT: The report header may be confusing. The user cannot scroll report more than by 10000 lines at a time. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 12834 Copyright (C) 2021 CA. All rights reserved. R01320-D200-SP1 DESC (TRUNCATION PROBLEMS WITH SCREEN SCROLLING). ++VER (Z038) FMID (CIDBK00) PRE (R099552 S001395 S004454 S006112 S007806 S008846 S012397 S013508 S014099 S015952) SUP (LT00427) CSECT (NCCCMDSC,NCCCMDSM) . CSECT (NCCDISPC,NCCDISPM) . CSECT (NCCSUBSC,NCCSUBS) . CSECT (NCCWTOPC,NCCWTOPM) .

Service	Details
LU00432	LU00432 M.C.S. ENTRIES = ++PTF (LU00432) SOC7 ABEND WHEN COMPARING TABLES WITH INDEXES PROBLEM DESCRIPTION: When analyzing a DDL-DDL compare strategy using CA RC/Compare for DB2 for z/OS (RCC), the analysis may sporadically end with a SOC7 abend if the following conditions are true: 1) The target table is defined with a primary key constraint. 2) The target table is not paired. SYMPTOMS: SYSTEM COMPLETION CODE=0C7 REASON CODE=00000000 TIME=08.12.53 SEQ=33197 CPU=0000 ASID=0165 PSW AT TIME OF ERROR 078D1000 B94B2E8A ILC 4 INTC 07 ACTIVE MODULE ADDRESS=00000000_394A0000 OFFSET=00012E8A NAME=RML@BLDC DATA AT PSW 394B2E84 - 10004F20 D650BE23 D6E8D700 IMPACT: Customer will not be able to successfully analyze the DDL-DDL compare strategy. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 13000 Copyright (C) 2021 CA. All rights reserved. R01321-D200-SP1 DESC(SOC7 ABEND WHEN COMPARING TABLES WITH INDEXES). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S001396 S004455 S004718 S004855 S006113 S006286 S006638 S006863 S007379 S007807 S007955 S008278 S008291 S008957 S009105 S011691 S011866 S011966 S012147 S012361 S012933 S014125 S014832 S015804) SUP (LT00432 S008414 S009033 S010021 S013149 S016176 ST08395 ST08414 ST08760 ST08780 ST08965 ST09031 ST09033 ST10021 ST13149 ST16176) ++IF FMID(CRCUK00) REQ(LU00433) . CSECT(RMA@MOM,MOM@END) . CSECT(RMA@SNAP,#@XFCALN,SNAPD) . CSECT(ROADDL,ROMDDL) . CSECT(ROASSC,SSCCOMC,ROASSCBT) .

Service	Details
LU00433	LU00433 M.C.S. ENTRIES = ++PTF (LU00433) SOC7 ABEND WHEN COMPARING TABLES WITH INDEXES PROBLEM DESCRIPTION: When analyzing a DDL-DDL compare strategy using CA RC/Compare for DB2 for z/OS (RCC), the analysis may sporadically end with a SOC7 abend if the following conditions are true: 1) The target table is defined with a primary key constraint. 2) The target table is not paired. SYMPTOMS: SYSTEM COMPLETION CODE=0C7 REASON CODE=00000000 TIME=08.12.53 SEQ=33197 CPU=0000 ASID=0165 PSW AT TIME OF ERROR 078D1000 B94B2E8A ILC 4 INTC 07 ACTIVE MODULE ADDRESS=00000000_394A0000 OFFSET=00012E8A NAME=RML@BLDC DATA AT PSW 394B2E84 - 10004F20 D650BE23 D6E8D700 IMPACT: Customer will not be able to successfully analyze the DDL-DDL compare strategy. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 13000 Copyright (C) 2021 CA. All rights reserved. R01321-D200-SP1 DESC(SOC7 ABEND WHEN COMPARING TABLES WITH INDEXES). ++VER (Z038) FMID (CRCUK00) SUP (LT00433) ++IF FMID(CINSK00) REQ(LU00432) .

Service	Details
LU00434	LU00434 M.C.S. ENTRIES = ++PTF (LU00434) IDB2 MAY ABEND WITH SOC4 AT NGR1026C +0001BA PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) module NGR1026 may abend with SOC4 when DB2 becomes active at exact same interval as IDB2 start processing a request for buffer pool size data (STATS-BUFFER-SIZES). SYMPTOMS: SOC4 abend may occur in load module NGRABPC2 CSECT NGR1026C in a data collector(DC) with NONSTOP=YES sysparm. IMPACT: The data collector may abend with SOC4. CIRCUMVENTION: Stage an automated startup of the DC AFTER DB2 is up. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 12880 Copyright (C) 2021 CA. All rights reserved. R01322-D200-SP1 DESC(IDB2 MAY ABEND WITH SOC4 AT NGR1026C +0001BA). ++VER (Z038) FMID (CIDBK00) PRE (R096575 S001395 S006112 S006862 S010160 S010906 S011977 S012536 S012769 S013557 S015254) SUP (LT00434 S010248 ST10248) CSECT(NGR1026C,NGR1026). CSECT(NGR1026C,NGR1026). CSECT(NGR1026C,NGR1026).

Service	Details
LU00435	LU00435 M.C.S. ENTRIES = ++PTF (LU00435) PUT6304E -511 IN UTAGLPBG COMPRESSED PBG, SOC1 IN FLLUTS2 PROBLEM DESCRIPTION: 1. CA Fast Load for DB2 for z/OS (PFL) may encounter SQLCODE -551 when loading a table in a compressed PBG tablespace. It occurs when PFL needs to instantiate a partition and the SYSADM specified in the SETUPxx member of CDBAPARM does not have sufficient privileges to perform an ALTER on the tablespace. 2. PFL may abend with SOC1-01 abend code in FLLUTS2 at offset x'13728'. This occurs when the table loaded has many partitions. SYMPTOMS: 1. PUT6304E - SQL ALTER failed with SQLCODE -551 in CSECT 'UTAGLPBG' SQL authorization ID: xxxxxxxx. 2. A symptom dump similar to the following one is printed into JESMSGLOG: <pre> SYSTEM COMPLETION CODE=0C1 REASON CODE=00000001 TIME=10.19.05 SEQ=35968 CPU=4008 ASID=02E7 PSW AT TIME OF ERROR 078C0000 BB2B2728 ILC 2 INTC 01 ACTIVE MODULE ADDRESS=00000000_3B29F000 OFFSET=00013728 NAME=FLLUTS2 DATA AT PSW 3B2B2722 - A7740013 00DEAD1E C7D3D4C5 AR/GR 0: 007AD4F8/000001FF 1: 00000000/3B01F008 2: 00000000/3B01F000 3: 00000000/BB2A94DC 4: 00000000/3B036000 5: 00000000/00000000 6: 00000000/3B37B5FC 7: 00000000/00000000 8: 00000000/00000000 9: 00000000/3B4F1978 A: 00000000/3BBF3004 B: 00000000/3B036000 C: 00000000/3B2A9498 D: 00000000/3BC4E0E0 E: 00000000/BB2A94F8 F: 00000000/3B2B20C8 </pre> IMPACT: 1. PFL cannot load all the data. 2. The job abends. CIRCUMVENTION: 1. Set the SYSADM ID in SETUPxx to a user ID that has the correct privileges. 2. Specify ZIIP NO. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PUT 12969 Copyright (C) 2021 CA. All rights reserved. R01323-D200-SP1 DESC(PUT6304E -511 IN UTAGLPBG COMPRESSED PBG, SOC1 IN FLLUTS2). ++VER (Z038) FMID (CINSK00) SUP (LT00435) ++IF FMID(CPFLK00) REQ(LU00436) . ++IF FMID(CPUTK00) REQ(LU00437) .

Service	Details
LU00436	LU00436 M.C.S. ENTRIES = ++PTF (LU00436) PUT6304E -511 IN UTAGLPBG COMPRESSED PBG, SOC1 IN FLLUTS2 PROBLEM DESCRIPTION: 1. CA Fast Load for DB2 for z/OS (PFL) may encounter SQLCODE -551 when loading a table in a compressed PBG tablespace. It occurs when PFL needs to instantiate a partition and the SYSADM specified in the SETUPxx member of CDBAPARM does not have sufficient privileges to perform an ALTER on the tablespace. 2. PFL may abend with SOC1-01 abend code in FLLUTS2 at offset x'13728'. This occurs when the table loaded has many partitions. SYMPTOMS: 1. PUT6304E - SQL ALTER failed with SQLCODE -551 in CSECT 'UTAGLPBG' SQL authorization ID: xxxxxxxx. 2. A symptom dump similar to the following one is printed into JESMSGLG: <pre> SYSTEM COMPLETION CODE=0C1 REASON CODE=00000001 TIME=10.19.05 SEQ=35968 CPU=4008 ASID=02E7 PSW AT TIME OF ERROR 078C0000 BB2B2728 ILC 2 INTC 01 ACTIVE MODULE ADDRESS=00000000_3B29F000 OFFSET=00013728 NAME=FLLUTS2 DATA AT PSW 3B2B2722 - A7740013 00DEAD1E C7D3D4C5 AR/GR 0: 007AD4F8/000001FF 1: 00000000/3B01F008 2: 00000000/3B01F000 3: 00000000/BB2A94DC 4: 00000000/3B036000 5: 00000000/00000000 6: 00000000/3B37B5FC 7: 00000000/00000000 8: 00000000/00000000 9: 00000000/3B4F1978 A: 00000000/3BBF3004 B: 00000000/3B036000 C: 00000000/3B2A9498 D: 00000000/3BC4E0E0 E: 00000000/BB2A94F8 F: 00000000/3B2B20C8 </pre> IMPACT: 1. PFL cannot load all the data. 2. The job abends. CIRCUMVENTION: 1. Set the SYSADM ID in SETUPxx to a user ID that has the correct privileges. 2. Specify ZIIP NO. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PUT 12969 Copyright (C) 2021 CA. All rights reserved. R01323-D200-SP1 DESC(PUT6304E -511 IN UTAGLPBG COMPRESSED PBG, SOC1 IN FLLUTS2). ++VER (Z038) FMID (CPFLK00) PRE (LU00178 S000018 S000704 S005012 S009977 S011325 S011601 S011846 S011996 S012150 S013066 S013175 S014031 S014772 S015015 S015484 S015738 S016089) SUP (AS14772 LT00436 S015771 ST15771) ++IF FMID(CPUTK00) REQ(LU00437) . ++IF FMID(CINSK00) REQ(LU00435) .

Service	Details
LU00437	LU00437 M.C.S. ENTRIES = ++PTF (LU00437) PUT6304E -511 IN UTAGLPBG COMPRESSED PBG, SOC1 IN FLLUTS2 PROBLEM DESCRIPTION: 1. CA Fast Load for DB2 for z/OS (PFL) may encounter SQLCODE -551 when loading a table in a compressed PBG tablespace. It occurs when PFL needs to instantiate a partition and the SYSADM specified in the SETUPxx member of CDBAPARM does not have sufficient privileges to perform an ALTER on the tablespace. 2. PFL may abend with SOC1-01 abend code in FLLUTS2 at offset x'13728'. This occurs when the table loaded has many partitions. SYMPTOMS: 1. PUT6304E - SQL ALTER failed with SQLCODE -551 in CSECT 'UTAGLPBG' SQL authorization ID: xxxxxxxx. 2. A symptom dump similar to the following one is printed into JESMSGLG: SYSTEM COMPLETION CODE=0C1 REASON CODE=00000001 TIME=10.19.05 SEQ=35968 CPU=4008 ASID=02E7 PSW AT TIME OF ERROR 078C0000 BB2B2728 ILC 2 INTC 01 ACTIVE MODULE ADDRESS=00000000_3B29F000 OFFSET=00013728 NAME=FLLUTS2 DATA AT PSW 3B2B2722 - A7740013 00DEAD1E C7D3D4C5 AR/GR 0: 007AD4F8/000001FF 1: 00000000/3B01F008 2: 00000000/3B01F000 3: 00000000/BB2A94DC 4: 00000000/3B036000 5: 00000000/00000000 6: 00000000/3B37B5FC 7: 00000000/00000000 8: 00000000/00000000 9: 00000000/3B4F1978 A: 00000000/3BBF3004 B: 00000000/3B036000 C: 00000000/3B2A9498 D: 00000000/3BC4E0E0 E: 00000000/BB2A94F8 F: 00000000/3B2B20C8 IMPACT: 1. PFL cannot load all the data. 2. The job abends. CIRCUMVENTION: 1. Set the SYSADM ID in SETUPxx to a user ID that has the correct privileges. 2. Specify ZIIP NO. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PUT 12969 Copyright (C) 2021 CA. All rights reserved. R01323-D200-SP1 DESC(PUT6304E -511 IN UTAGLPBG COMPRESSED PBG, SOC1 IN FLLUTS2). ++VER (Z038) FMID (CPUTK00) PRE (R098969 S000024 S001659 S004469 S011999 S012153 S012278 S012529 S013205 S015271) SUP (LT00437) ++IF FMID(CPFLK00) REQ(LU00436) . ++IF FMID(CINSK00) REQ(LU00435) . ++HOLD (LU00437) SYSTEM FMID(CPUTK00) REASON (DB2BIND) DATE (21067) COMMENT (+-----+

Service	Details
	<pre> CA DBM Solutions for DB2 for z/OS Utilities Common 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
LU00438	LU00438 M.C.S. ENTRIES = ++PTF (LU00438) NEW PPA COMPARE SUMMARY REPORT W/COMPARE HISTORY TABLE ENHANCEMENT DESCRIPTION: CA Plan Analyzer for DB2 for z/OS now provides a new Compare History function and Compare Summary report as part of its Explain Strategy Services. These new features are accessible from the explain strategy versions. When the Compare History function is activated and a strategy version performs a compare explain version, the upgraded compare process categorizes the results and stores the related statement records in a new Explain Strategy Compare History table (PTPA_ES_COMPHIST_#). You can use the Explain Strategy Services to generate a Compare Summary report from the saved results. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Release 20.0 Related Problem: PPADB2 1031 Copyright (C) 2021 CA. All rights reserved. R01324-D200-SP1 DESC(NEW PPA COMPARE SUMMARY REPORT W/COMPARE HISTORY TABLE) . ++VER (Z038) FMID (CINSK00) PRE (LU00131 LU00359 R096576 R097704 R099553 S000016 S000978 S001396 S001655 S003959 S004129 S004250 S004455 S005011 S006113 S006863 S007379 S007807 S008578 S008869 S009183 S009761 S009797 S009999 S010004 S010200 S010676 S010712 S011078 S011084 S011129 S011684 S011966 S012067 S012115 S012650 S012904 S012924 S013484 S013985 S014125 S014566 S014859 S015690 S015980) SUP (LT00438) ++IF FMID(CPBAK00) REQ(LU00439) . ++IF FMID(CPPAK00) REQ(LU00440) . ++HOLD (LU00438) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (21069) COMMENT (+-----+ 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 *

Service	Details
	+-----+-----+ 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.).

Service	Details
LU00439	LU00439 M.C.S. ENTRIES = ++PTF (LU00439) NEW PPA COMPARE SUMMARY REPORT W/COMPARE HISTORY TABLE ENHANCEMENT DESCRIPTION: CA Plan Analyzer for DB2 for z/OS now provides a new Compare History function and Compare Summary report as part of its Explain Strategy Services. These new features are accessible from the explain strategy versions. When the Compare History function is activated and a strategy version performs a compare explain version, the upgraded compare process categorizes the results and stores the related statement records in a new Explain Strategy Compare History table (PTPA_ES_COMPHIST_#). You can use the Explain Strategy Services to generate a Compare Summary report from the saved results. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Release 20.0 Related Problem: PPADB2 1031 Copyright (C) 2021 CA. All rights reserved. R01324-D200-SP1 DESC(NEW PPA COMPARE SUMMARY REPORT W/COMPARE HISTORY TABLE). ++VER (Z038) FMID (CPBAK00) PRE (R096578 S011767) SUP (LT00439) ++IF FMID(CPPAK00) REQ(LU00440) . ++IF FMID(CINSK00) REQ(LU00359 LU00438) .

Service	Details
LU00440	LU00440 M.C.S. ENTRIES = ++PTF (LU00440) NEW PPA COMPARE SUMMARY REPORT W/COMPARE HISTORY TABLE ENHANCEMENT DESCRIPTION: CA Plan Analyzer for DB2 for z/OS now provides a new Compare History function and Compare Summary report as part of its Explain Strategy Services. These new features are accessible from the explain strategy versions. When the Compare History function is activated and a strategy version performs a compare explain version, the upgraded compare process categorizes the results and stores the related statement records in a new Explain Strategy Compare History table (PTPA_ES_COMPHIST_#). You can use the Explain Strategy Services to generate a Compare Summary report from the saved results. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Release 20.0 Related Problem: PPADB2 1031 Copyright (C) 2021 CA. All rights reserved. R01324-D200-SP1 DESC(NEW PPA COMPARE SUMMARY REPORT W/COMPARE HISTORY TABLE). ++VER (Z038) FMID (CPPAK00) PRE (R096584 R099560 S000021 S001404 S004462 S006120 S006869 S007814 S008581 S010000 S010714 S011131 S011768 S011810 S012068 S012267 S012368 S012655 S012943 S014400 S014902 S015691) SUP (LT00440 S013633 ST13633) ++IF FMID(CPBAK00) REQ(LU00439) . ++IF FMID(CINSK00) REQ(LU00359 LU00438) . ++HOLD (LU00440) SYSTEM FMID(CPPAK00) REASON (DB2BIND) DATE (21069) COMMENT (<pre> +-----+ CA Plan Analyzer for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** 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. </pre>

Service	Details
	Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. IMPORTANT! If CA SYSVIEW for DB2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors. <pre>+-----+ CA Plan Analyzer for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. 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. .) . ++HOLD (LU00440) SYSTEM FMID(CPPAK00) REASON (DB2DDL) DATE (21069) COMMENT (+-----+ CA Plan Analyzer for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Alter CA DB2 Tools objects +-----+-----+ USERS AFFECTED All Users. +-----+-----+</pre>

Service	Details
	<pre> 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/alterd and a Bind Replace performed as part of this maintenance. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the following tasks using the post-install tailoring options: 1. Compare DB2 Objects 2. Create Required DB2 Objects 3. Bind Product Packages and Plans IMPORTANT! If CA SYSVIEW for DB2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). ++HOLD (LU00440) SYSTEM FMID(CPPAK00) REASON (MSGSKEL) DATE (21069) COMMENT (+-----+-----+ CA Plan 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.). </pre>

Service	Details
LU00446	LU00446 M.C.S. ENTRIES = ++PTF (LU00446) DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS ENHANCEMENT DESCRIPTION: CA RC/Migrator for DB2 for z/OS (RCM), CA RC/Compare for DB2 for z/OS (RCC) and CA RC/Update for DB2 for z/OS (RCU) are enhanced to enable exploitation of part-level DSSIZE for tablespaces and both global and part-level DSSIZES for indexes. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 CA RC/Compare for DB2 for z/OS Version 20.0 CA RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCM 13026 Copyright (C) 2021 CA. All rights reserved. R01325-D200-SP1 DESC(DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS). ++VER (Z038) FMID (CINSK00) PRE (LU00399 LU00426 LU00432 R096576 R097704 R099553 S000016 S001396 S001896 S004455 S004718 S004855 S005199 S006113 S006286 S006638 S006863 S007323 S007379 S007807 S007955 S008128 S008278 S008434 S008606 S008662 S008859 S008957 S009105 S009183 S009356 S009417 S009461 S009799 S009860 S010549 S010760 S010974 S011691 S011866 S011966 S012361 S012650 S012751 S012817 S012904 S012933 S013071 S013111 S013193 S013930 S013985 S014125 S014282 S014615 S014716 S014832 S014899 S015804 S015998) SUP (AR97704 AS01396 AS05873 BS04455 BS07379 LT00127 LT00446 LU00127 R099748 S000343 S001905 S005237 S005873 S006007 S008198 S008202 S008262 S008291 S008414 S008856 S009033 S009126 S009546 S009564 S009790 S009839 S009893 S009945 S010021 S010080 S010331 S010437 S010512 S010631 S010763 S010815 S010827 S010978 S011048 S011231 S011696 S011737 S011806 S011942 S011988 S012031 S012042 S012164 S012249 S012524 S012792 S012812 S012829 S013154 S013229 S013352 S013539 S013726 S013794 S013814 S013878 S013888 S013974 S014623 S015444 S015506 S015613 S015867 S016001 S016024 S016031 S016045 S016053 S016088 S016176 ST00343 ST01905 ST05065 ST05237 ST05873 ST06007 ST06695 ST07198 ST07444 ST08198 ST08202 ST08262 ST08291 ST08314 ST08395 ST08414 ST08760 ST08780 ST08856 ST08916 ST08965 ST09031 ST09033 ST09126 ST09530 ST09546 ST09564 ST09790 ST09791 ST09839 ST09893 ST09945 ST10021 ST10080 ST10331 ST10437 ST10512 ST10631 ST10763 ST10815 ST10827 ST10978 ST11048 ST11231 ST11696 ST11737 ST11806 ST11942 ST11988 ST12031 ST12042 ST12164 ST12249 ST12511 ST12524 ST12792 ST12812 ST12829 ST13154 ST13229 ST13352 ST13539 ST13726 ST13794 ST13814 ST13878 ST13888 ST13974 ST14623 ST15444 ST15506 ST15613 ST15867 ST16001 ST16011

Service	Details
	ST16024 ST16031 ST16045 ST16053 ST16088 ST16176 TR99748) ++IF FMID(CPFUK00) REQ(LU00447) . ++IF FMID(CRCMK00) REQ(LU00448) . ++IF FMID(CRCUK00) REQ(LU00449) . ++IF FMID(CRCXK00) REQ(LU00450) . ++HOLD (LU00446) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (21067) COMMENT (+-----+ 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.). ++HOLD (LU00446) SYSTEM FMID(CINSK00) REASON (DB2DDL) DATE (21067) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Alter CA DB2 Tools objects +-----+ USERS AFFECTED All Users. +-----+ KNOWLEDGE

Service	Details
	<pre> REQUIRED CA DB2 Tools Post Install Customization +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. Install SYSADM, SYSADM or DBADM on PTDB. +-----+-----+ ***** * STEPS TO PERFORM * ***** DB2 objects must be compared/alterd and a Bind Replace performed as part of this maintenance. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the following tasks using the post-install tailoring options: 1. Compare DB2 Objects 2. Create Required DB2 Objects 3. Bind Product Packages and Plans IMPORTANT! If CA SYSVIEW for DB2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). ++HOLD (LU00446) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (21067) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ 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						
LU00447	LU00447 M.C.S. ENTRIES = ++PTF (LU00447) DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS ENHANCEMENT DESCRIPTION: CA RC/Migrator for DB2 for z/OS (RCM), CA RC/Compare for DB2 for z/OS (RCC) and CA RC/Update for DB2 for z/OS (RCU) are enhanced to enable exploitation of part-level DSSIZE for tablespaces and both global and part-level DSSIZES for indexes. PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 13026 Copyright (C) 2021 CA. All rights reserved. R01325-D200-SP1 DESC(DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS). ++VER (Z038) FMID (CPFUK00) PRE (R099558 S001402 S001818 S004460 S007381 S009107 S011968 S012363 S012934 S015805 S016195) SUP (LT00447 ST08865 ST08980 ST09009) ++IF FMID(CRCMK00) REQ(LU00448) . ++IF FMID(CRCUK00) REQ(LU00449) . ++IF FMID(CRCXK00) REQ(LU00450) . ++IF FMID(CINSK00) REQ(LU00446) .	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Compare for DB2 for z/OS	Version 20.0	CA RC/Update for DB2 for z/OS	Version 20.0
CA RC/Migrator for DB2 for z/OS	Version 20.0						
CA RC/Compare for DB2 for z/OS	Version 20.0						
CA RC/Update for DB2 for z/OS	Version 20.0						

Service	Details						
LU00448	LU00448 M.C.S. ENTRIES = ++PTF (LU00448) DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS ENHANCEMENT DESCRIPTION: CA RC/Migrator for DB2 for z/OS (RCM), CA RC/Compare for DB2 for z/OS (RCC) and CA RC/Update for DB2 for z/OS (RCU) are enhanced to enable exploitation of part-level DSSIZE for tablespaces and both global and part-level DSSIZES for indexes. PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 13026 Copyright (C) 2021 CA. All rights reserved. R01325-D200-SP1 DESC(DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS). ++VER (Z038) FMID (CRCMK00) PRE (R097718) SUP (LT00448) ++IF FMID(CPFUK00) REQ(LU00447) . ++IF FMID(CRCUK00) REQ(LU00449) . ++IF FMID(CRCXK00) REQ(LU00450) . ++IF FMID(CINSK00) REQ(LU00446) .	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Compare for DB2 for z/OS	Version 20.0	CA RC/Update for DB2 for z/OS	Version 20.0
CA RC/Migrator for DB2 for z/OS	Version 20.0						
CA RC/Compare for DB2 for z/OS	Version 20.0						
CA RC/Update for DB2 for z/OS	Version 20.0						

Service	Details						
LU00449	LU00449 M.C.S. ENTRIES = ++PTF (LU00449) DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS ENHANCEMENT DESCRIPTION: CA RC/Migrator for DB2 for z/OS (RCM), CA RC/Compare for DB2 for z/OS (RCC) and CA RC/Update for DB2 for z/OS (RCU) are enhanced to enable exploitation of part-level DSSIZE for tablespaces and both global and part-level DSSIZES for indexes. PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 13026 Copyright (C) 2021 CA. All rights reserved. R01325-D200-SP1 DESC(DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS). ++VER (Z038) FMID (CRCUK00) PRE (R099571 S000026 S001415 S004472 S004720 S007383 S007824 S009109 S010975 S011867 S011970 S012365 S012936 S014833 S015806) SUP (LT00449 ST08867 ST08982 ST09011 ST12477) ++IF FMID(CPFUK00) REQ(LU00447) . ++IF FMID(CRCMK00) REQ(LU00448) . ++IF FMID(CRCXK00) REQ(LU00450) . ++IF FMID(CINSK00) REQ(LU00446) .	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Compare for DB2 for z/OS	Version 20.0	CA RC/Update for DB2 for z/OS	Version 20.0
CA RC/Migrator for DB2 for z/OS	Version 20.0						
CA RC/Compare for DB2 for z/OS	Version 20.0						
CA RC/Update for DB2 for z/OS	Version 20.0						

Service	Details
LU00450	LU00450 M.C.S. ENTRIES = ++PTF (LU00450) DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS ENHANCEMENT DESCRIPTION: CA RC/Migrator for DB2 for z/OS (RCM), CA RC/Compare for DB2 for z/OS (RCC) and CA RC/Update for DB2 for z/OS (RCU) are enhanced to enable exploitation of part-level DSSIZE for tablespaces and both global and part-level DSSIZES for indexes. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 CA RC/Compare for DB2 for z/OS Version 20.0 CA RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCM 13026 Copyright (C) 2021 CA. All rights reserved. R01325-D200-SP1 DESC(DSSIZE EXPLOITATION FOR IX AND PART-LEVEL TS) . ++VER (Z038) FMID (CRCXK00) PRE (LU00411 R099572 R099853 S000027 S001416 S007384 S009110 S011079 S011868 S011971 S012366 S012937 S015807) SUP (LT00450 ST08868 ST08983 ST09012) ++IF FMID(CPFUK00) REQ(LU00447) . ++IF FMID(CRCMK00) REQ(LU00448) . ++IF FMID(CRCUK00) REQ(LU00449) . ++IF FMID(CINSK00) REQ(LU00446) . CSECT(RXA\$DDL1,#@XFCALN) . CSECT(RXA\$RIKY,#@XFCALN) . CSECT(RXA\$XPT0,#@XFCALN) . CSECT(RXA@ALT2,#@XFCALN) .

Service	Details
LU00452	LU00452 M.C.S. ENTRIES = ++PTF (LU00452) SOC4 ABEND IN RRL\$RM2 FOR PBG TABLESPACE WITH 1 PARTITION. PROBLEM DESCRIPTION: CA Rapid Reorg for DB2 for z/OS (PRR) may complete with RC=08 or RC=12 and abend SOC4 in module RRL\$RM2 when the following conditions are met: 1. The object being processed is a Partition by Growth tablespace with one partition. 2. The tablespace has at least 2 versions. 3. DATA-AVAILABLE is set to NORMAL or HIGH. 4. The tablespace has a certain identifier. When the DATA-AVAILABLE NORMAL option is in effect, there is a possibility of data loss. See the circumvention section below to avoid data loss. SYMPTOMS: The program completes with return code = 08 or 12 and the following message in the PTIMSG output file: PRR4119E - ESTAE intercepted in CSECT RRA\$RM2 - Abend Code X'840C4000' The following or similar system dump can be found in JESYSMSG output: IEA995I SYMPTOM DUMP OUTPUT SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=12.10.40 SEQ=42112 CPU=0000 ASID=0036 PSW AT TIME OF ERROR 078C2000 BB39E154 ILC 6 INTC 11 ACTIVE MODULE ADDRESS=00000000_3B396000 OFFSET=00008154 NAME=RRL\$RM2 DATA AT PSW 3B39E14E - 41302008 1A3FD201 30015023 AR/GR 0: 0003FFFF/00000000_3B8CD000 1: 00000000/00000000_3B39E291 2: FFFFFFFF/FFFFFFF_3B8CE8DA 3: FFFFFFFF/00000000_3B8CF1D9 4: FFFFFFFF/FFFFFFF_3B8CE000 5: FFFFFFFF/FFFFFFF_3B23FD30 6: FFFFFFFF/FFFFFFF_00000002 7: FFFFFFFF/FFFFFFF_00000000 8: FFFFFFFF/FFFFFFF_3B2454B8 9: FFFFFFFF/FFFFFFF_3B2E7030 A: FFFFFFFF/FFFFFFF_3B2CF004 B: FFFFFFFF/FFFFFFF_3B39DD58 C: FFFFFFFF/FFFFFFF_3B39AEF0 D: FFFFFFFF/00000000_3B8CBF18 E: 00000000/00000000_3B324000 F: 0B2B67C8/00000000_000008F7 END OF SYMPTOM DUMP The REASON CODE for ABEND may be 00000004 or 00000011. The following error messages and related abend may also appear: PRR0040E - Tablespace load for DDNAME SYSREC Abended TASK ECB X'400C4000' PRR2257E - SORT abended - Abend Code: X'040C4000' See sort messages for more details. PRR0091E - Tablespace dbname.tsname.nnnn Application Abended when UNLOADing the Tablespace Task ECB: X'000C4000' Return Code: X'0000000C' Detected in module RRA\$ULD PRR0081I - Final REORG Analysis Tablespace dbname.tsname.nnnn RESTART or Recovery Req IMPACT: The PRR job fails. If DATA-AVAILABLE NORMAL was in effect, there is a risk of data loss. See the circumvention section below to avoid data loss. If DATA-AVAILABLE HIGH was in effect, there is no risk of data loss. CIRCUMVENTION: The program completes successfully when DATA-AVAILABLE CRITICAL is used.

Service	Details
	If the problem occurred and DATA-AVAILABLE NORMAL was in effect, the job must be restarted with RESTART(PHASE) or the tablespace must be recovered. Note: Restarting the job with RESTART(BYPASS) or RESTART(TERM) options, or terminating the utility from the command processor, will lead to data loss in which case the tablespace will have to be recovered. PRODUCT(S) AFFECTED: CA Rapid Reorg for DB2 for z/OS Version 20.0 Related Problem: PRR 12950 Copyright (C) 2021 CA. All rights reserved. R01326-D200-SP1 DESC(SOC4 ABEND IN RRL\$RM2 FOR PBG TABLESPACE WITH 1 PARTITION.). ++VER (Z038) FMID (CPRRK00) PRE (LU00139 R096588 R098968 S000023 S000846 S001409 S005015 S006582 S006609 S009954 S011237 S011998 S012152 S013204 S014034) SUP (FC06581 LT00452) CSECT(RRA\$SPG,#@XFCALR) . CSECT(RRA\$UL3,#@XFCALR) . CSECT(RRA\$VMA,#@XFCALR) . CSECT(RRA\$VMB,#@XFCALR) .

Service	Details									
LU00475	LU00475 M.C.S. ENTRIES = ++PTF (LU00475) INCORRECT STATEMENTS GENERATED FOR RO/RC/IC UTILITY CODES PROBLEM DESCRIPTION: After PTF LU00145 is applied, CA Database Analyzer for DB2 for z/OS (PDA) can generate incorrect statements for the Reorg (RO), Recover (RC), and Image Copy (IC) Utility Codes selected in Action Procedures for partitioned objects. SYMPTOMS: Incorrect Syntax is generated in Reorg, Recover, or Image Copy Action JCL for a partitioned tablespace. "REBUI" is printed between the PART keyword and part number, or "DSNUMPART" is printed instead of the DSNUM keyword. The following or similar incorrect syntax may be generated: REORG TABLESPACE dbname.tsname PART REBUI 0001 RECOVER TABLESPACE (dbname.tsname DSNUMPART 0001) COPY TABLESPACE dbname.tsname DSNUMPART 0001 IMPACT: Action JCL generated for RO, RC, and IC Utility Codes fails when submitted. CIRCUMVENTION: Replace "PART REBUI" with "PART " and "DSNUMPART" with "DSNUM" in the generated Action JCL before submitting the job. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Keyword(s): <table><tr><td>LU00145</td><td>LISTDEF</td><td>PARTREBUI</td></tr><tr><td>REBUILD</td><td>PART</td><td>REORG</td></tr><tr><td>DSNUMPART</td><td>IMAGECOPY</td><td>RECOVER</td></tr></table> Related Problem: PDA 13053 Copyright (C) 2021 CA. All rights reserved. R01327-D200-SP1 DESC(INCORRECT STATEMENTS GENERATED FOR RO/RC/IC UTILITY CODES). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 S000017 S006115) SUP (AL00146 BL00146 LT00257 LT00475 LU00257 ST05436 ST05467 ST05510 ST05806 ST05830) CSECT(RAAUBLD,RATSYM,CLBMODSN) .	LU00145	LISTDEF	PARTREBUI	REBUILD	PART	REORG	DSNUMPART	IMAGECOPY	RECOVER
LU00145	LISTDEF	PARTREBUI								
REBUILD	PART	REORG								
DSNUMPART	IMAGECOPY	RECOVER								

Service	Details
LU00480	LU00480 M.C.S. ENTRIES = ++PTF (LU00480) JOB HANGS WITH SOC1 FROM LAL@BLDX PROBLEM DESCRIPTION: CA Log Analyzer for Db2 for z/OS may fail with SOC1 abend when a report is generated with control card EXTRACT = (NO). This can occur only when Miscellaneous Instruction-Extension Facility 2 is not installed. SYMPTOMS: The joblog contains abend SOC1 with reason code=00000001 in LAL@BLDX. IMPACT: The required report is not generated and the job hangs. CIRCUMVENTION: In control card use EXTRACT = (FILTER) option instead of EXTRACT = (NO) PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 13054 Copyright (C) 2021 CA. All rights reserved. R01328-D200-SP1 DESC(JOB HANGS WITH SOC1 FROM LAL@BLDX) . ++VER (Z038) FMID (CPLAK00) PRE (LU00132 R096583 R099559 S000975 S004245 S004461 S004795 S006718 S007813 S008008 S008802 S008870 S009333 S010677 S011669 S012763 S012797 S012889) SUP (LT00480 S015531 ST15531)

Service	Details
LU00500	LU00500 M.C.S. ENTRIES = ++PTF (LU00500) VALUES ARE ZERO ON THE BUFFER POOL DETAIL AND SUMMARY REPORT PROBLEM DESCRIPTION: There are some discrepancies between the batch and online Buffer Pool Detail and Summary Report. The batch report displays certain statistics with a value of zero when the same statistic on the online report contains a value greater than zero. SYMPTOMS: The batch Buffer Pool Detail and Summary Report runs successfully, but contains incorrect data. The data in the batch report doesn't match the online report. IMPACT: The batch Buffer Pool Detail and Summary Report displays incorrect statistical data. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 13066 Copyright (C) 2021 CA. All rights reserved. R01329-D200-SP1 DESC (VALUES ARE ZERO ON THE BUFFER POOL DETAIL AND SUMMARY REPORT). ++VER (Z038) FMID (CPSAK00) PRE (S007819 S012926 S014681 S014861 S016175) SUP (LT00500)

Service	Details				
LU00508	LU00508 M.C.S. ENTRIES = ++PTF (LU00508) R0280E ISSUED WHEN ALTERING A TABLE WITH A BINARY KEY COLUMN PROBLEM DESCRIPTION: When using CA RC/Migrator for DB2 for z/OS (RCM) or CA RC/Migrator for DB2 for z/OS (RCU) to alter a table or an index, the message R0280E will be issued if one of the columns is a BINARY column and you will not be able to make any changes. SYMPTOMS: R0280E BINARY is invalid for the key column or indexed table column. IMPACT: Users will be unable to make any alteration and will be forced to exit from the 'CA - Table Alter' or 'CA - Index Alter' panels. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 13033 Copyright (C) 2021 CA. All rights reserved. R01331-D200-SP1 DESC(R0280E ISSUED WHEN ALTERING A TABLE WITH A BINARY KEY COLUMN). ++VER (Z038) FMID (CINSK00) PRE (LU00446 R099553 S007379 S009105 S011866 S011966 S012361 S012933) SUP (LT00508)	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Update for DB2 for z/OS	Version 20.0
CA RC/Migrator for DB2 for z/OS	Version 20.0				
CA RC/Update for DB2 for z/OS	Version 20.0				

Service	Details
LU00509	LU00509 M.C.S. ENTRIES = ++PTF (LU00509) .SYNC NOT GENERATE AFTER ALTER INDEX ... ADD COLUMN .. PROBLEM DESCRIPTION: CA RC/Migrator for DB2 for z/OS (RCM) does not generate .SYNC statement after generating the alter index DDL to add a column. SYMPTOMS: The .SYNC statement will be missing after the alter index DDL IMPACT: The SYNC point will not be established for the alter index DDL. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 13074 Copyright (C) 2021 CA. All rights reserved. R01332-D200-SP1 DESC(.SYNC NOT GENERATE AFTER ALTER INDEX ... ADD COLUMN ..). ++VER (Z038) FMID (CINSK00) PRE (LU00446 R099553 S009105 S011866 S011966 S012361) SUP (LT00509)

Service	Details
LU00510	LU00510 M.C.S. ENTRIES = ++PTF (LU00510) DETECTOR DATA EXTRACT FAILS WITH AN 0C4 PROBLEM DESCRIPTION: The data extract for CA Detector for DB2 for z/OS (PDT) may abend with an 0C4. SYMPTOMS: The Detector data extract fails. IMPACT: Unable to CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 12983 Copyright (C) 2021 CA. All rights reserved. R01333-D200-SP1 DESC(DETECTOR DATA EXTRACT FAILS WITH AN 0C4). ++VER (Z038) FMID (CINSK00) PRE (LU00438 R096576 R097704 R099553 S001396 S003959 S004129 S004455 S006113 S006863 S007807 S009797 S012650 S012924 S013985 S014859) SUP (LT00510)

Service	Details
LU00511	LU00511 M.C.S. ENTRIES = ++PTF (LU00511) BROWSING A TABLE WITH A BINARY COLUMN FAILS WITH A 478 ABEND PROBLEM DESCRIPTION: In CA RC/Update for DB2 for z/OS (RCU), when Update Method in the profile is set to searched mode, browsing a table that has a primary key on a BINARY column cause a 478 ABEND. SYMPTOMS: A PTLBDBC subtask 478 abend occurs during a table browse. IMPACT: If the table has a binary column as part of the primary key, it cannot be browsed using CA RC/Update. CIRCUMVENTION: Go to the CA RC/Update profile (in RCU type 'profile' on the command line). In Option 3 RC/Edit profile variables, set 'Default method for applying updates' to 'P' for positional updates and browse the table. PRODUCT(S) AFFECTED: CA RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCU 13048 Copyright (C) 2021 CA. All rights reserved. R01334-D200-SP1 DESC(BROWSING A TABLE WITH A BINARY COLUMN FAILS WITH A 478 ABEND). ++VER (Z038) FMID (CRCUK00) PRE (S006877 S009166) SUP (LT00511) CSECT(RUAEDBF2,STAEDBF2,RUXEDBF2). CSECT(RUAEDTS,RU@#EDTS,EDTSDATA,RUXEDTS).

Service	Details
LU00523	LU00523 M.C.S. ENTRIES = ++PTF (LU00523) ECSA STORAGE CHECKING ENHANCEMENT DESCRIPTION: CA Execution Manager (Xmanager) has a new ECSA parm that is specified in the Xmanager started task. When this parm is specified, Xmanager monitors the amount of ECSA storage that is in use. If the used storage exceeds the percentage that is specified in the ECSA parm, any active CA Detector for DB2 for z/OS data collections are terminated to free up storage space. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install

Service	Details
	<pre> receiving ECSA error messages during CA Detector collections, use this parameter to free up the storage space that CA Detector is using. We recommend specifying a value of 95. For more information, see the release notes notes at https://techdocs.broadcom.com/db2mgmt +-----+-----+) . ++HOLD (LU00523) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21071) COMMENT (+-----+-----+ 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																						
LU00524	LU00524 M.C.S. ENTRIES = ++PTF (LU00524) ECSA STORAGE CHECKING ENHANCEMENT DESCRIPTION: CA Execution Manager (Xmanager) has a new ECSA parm that is specified in the Xmanager started task. When this parm is specified, Xmanager monitors the amount of ECSA storage that is in use. If the used storage exceeds the percentage that is specified in the ECSA parm, any active CA Detector for DB2 for z/OS data collections are terminated to free up storage space. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PXM 225 Copyright (C) 2021 CA. All rights reserved. R01336-D200-SP1 DESC(ECSA STORAGE CHECKING). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 R096580 R098429 S001400 S003942 S004458 S004757 S006116 S006334 S007810 S010908 S011694 S013889 S014338 S014782 S016174) SUP (LT00505 LT00524 S010521 S014397 ST10521 ST14397) ++IF FMID(CINSK00) REQ(LU00523) . ++HOLD (LU00524) SYSTEM FMID(CPDTK00) REASON (ENH) DATE (21071) COMMENT (<table border="1"> <tr> <td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>Before restart</td></tr> <tr> <td>PURPOSE</td><td>Prevent ECSA storage shortage issues from occurring due to CA Detector collections</td></tr> <tr> <td>USERS</td><td>Database administrators who run CA Detector collections</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>CA DB2 Tools installation and maintenance procedures</td></tr> <tr> <td>REQUIRED</td><td></td></tr> <tr> <td>ACCESS</td><td>CA Execution Manager (Xmanager) started task JCL</td></tr> <tr> <td>REQUIRED</td><td></td></tr> <tr> <td colspan="2"> ***** * Enhancement purpose/usage * ***** </td></tr> <tr> <td colspan="2"> The new ECSA parameter specifies the percentage of available ECSA storage that can be used before CA Detector for DB2 for z/OS data collections are stopped. If you are </td></tr> </table>)	CA Detector for DB2 for z/OS	Version 20.0	SEQUENCE	Before restart	PURPOSE	Prevent ECSA storage shortage issues from occurring due to CA Detector collections	USERS	Database administrators who run CA Detector collections	AFFECTED		KNOWLEDGE	CA DB2 Tools installation and maintenance procedures	REQUIRED		ACCESS	CA Execution Manager (Xmanager) started task JCL	REQUIRED		***** * Enhancement purpose/usage * *****		The new ECSA parameter specifies the percentage of available ECSA storage that can be used before CA Detector for DB2 for z/OS data collections are stopped. If you are	
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Service	Details
	<pre> receiving ECSA error messages during CA Detector collections, use this parameter to free up the storage space that CA Detector is using. We recommend specifying a value of 95. For more information, see the release notes notes at https://techdocs.broadcom.com/db2mgmt +-----+-----+). ++HOLD (LU00524) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21071) COMMENT (+-----+-----+ CA Detector for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with 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
LU00530	LU00530 M.C.S. ENTRIES = ++PTF (LU00530) TOLERATE EXPLICIT COMPRESS YES FIXEDLENGTH AND YES HUFFMAN ENHANCEMENT DESCRIPTION: CA RC/Migrator for Db2 for z/OS (RCM) has been enhanced to tolerate the Db2 catalog COMPRESS attributes F and H (for COMPRESS YES FIXEDLENGTH and COMPRESS YES HUFFMAN). When creating DDL for objects that exploit these attributes, the COMPRESS YES clause will be generated in their place. In the CA Database Management Solution for DB2 for zOS, Object Framework Services (OFS) has been enhanced to support the generation of COMPRESS YES FIXEDLENGTH and COMPRESS YES HUFFMAN. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 CA RC/Update for DB2 for z/OS Version 20.0 CA RC/Compare for DB2 for z/OS Version 20.0 CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCM 12925 Copyright (C) 2021 CA. All rights reserved. R01338-D200-SP1 DESC(TOLERATE EXPLICIT COMPRESS YES FIXEDLENGTH AND YES HUFFMAN). ++VER (Z038) FMID (CINSK00) PRE (LU00277 LU00446 R096576 R097704 R099553 S001396 S004455 S004718 S007379 S009105 S011866 S011966 S012361 S012933 S014832 S015804) SUP (LT00530 S014282 ST14282) ++IF FMID(COFSK00) REQ(LU00531) . ++IF FMID(CRCQK00) REQ(LU00532) . ++HOLD (LU00530) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (21074) 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 * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. </pre>

Service	Details
	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.).

Service	Details								
LU00531	LU00531 M.C.S. ENTRIES = ++PTF (LU00531) TOLERATE EXPLICIT COMPRESS YES FIXEDLENGTH AND YES HUFFMAN ENHANCEMENT DESCRIPTION: CA RC/Migrator for Db2 for z/OS (RCM) has been enhanced to tolerate the Db2 catalog COMPRESS attributes F and H (for COMPRESS YES FIXEDLENGTH and COMPRESS YES HUFFMAN). When creating DDL for objects that exploit these attributes, the COMPRESS YES clause will be generated in their place. In the CA Database Management Solution for DB2 for zOS, Object Framework Services (OFS) has been enhanced to support the generation of COMPRESS YES FIXEDLENGTH and COMPRESS YES HUFFMAN. PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Query for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 12925 Copyright (C) 2021 CA. All rights reserved. R01338-D200-SP1 DESC(TOLERATE EXPLICIT COMPRESS YES FIXEDLENGTH AND YES HUFFMAN). ++VER (Z038) FMID (COFSK00) PRE (R096577 R097705 R099554 S001397 S001666 S004456 S006114 S006864 S007380 S007808 S008109 S008435 S008663 S009106 S011967 S012362 S012412 S014126 S015062 S015225) SUP (LT00531 S008101 S008403 S008858 S009128 S009647 S010250 S011921 S013758 S013781 S013990 S014570 S014655 S015440 S015650 ST08101 ST08403 ST08858 ST08864 ST08979 ST09008 ST09128 ST09467 ST09647 ST10250 ST11770 ST11921 ST12409 ST13745 ST13758 ST13781 ST13860 ST13990 ST14570 ST14655 ST15440 ST15650) ++IF FMID(CRCQK00) REQ(LU00532) . ++IF FMID(CINSK00) REQ(LU00277 LU00530) .	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Update for DB2 for z/OS	Version 20.0	CA RC/Compare for DB2 for z/OS	Version 20.0	CA RC/Query for DB2 for z/OS	Version 20.0
CA RC/Migrator for DB2 for z/OS	Version 20.0								
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CA RC/Query for DB2 for z/OS	Version 20.0								

Service	Details		
LU00532	LU00532 M.C.S. ENTRIES = ++PTF (LU00532) TOLERATE EXPLICIT COMPRESS YES FIXEDLENGTH AND YES HUFFMAN ENHANCEMENT DESCRIPTION: CA RC/Migrator for Db2 for z/OS (RCM) has been enhanced to tolerate the Db2 catalog COMPRESS attributes F and H (for COMPRESS YES FIXEDLENGTH and COMPRESS YES HUFFMAN). When creating DDL for objects that exploit these attributes, the COMPRESS YES clause will be generated in their place. In the CA Database Management Solution for DB2 for z/OS, Object Framework Services (OFS) has been enhanced to support the generation of COMPRESS YES FIXEDLENGTH and COMPRESS YES HUFFMAN. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 CA RC/Update for DB2 for z/OS Version 20.0 CA RC/Compare for DB2 for z/OS Version 20.0 CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCM 12925 Copyright (C) 2021 CA. All rights reserved. R01338-D200-SP1 DESC(TOLERATE EXPLICIT COMPRESS YES FIXEDLENGTH AND YES HUFFMAN). ++VER (Z038) FMID (CRCQK00) PRE (R099569 S004471 S006875 S007822 S009129 S010321) SUP (LT00532) ++IF FMID(COFSK00) REQ(LU00531) . ++IF FMID(CINSK00) REQ(LU00277 LU00530) . ++HOLD (LU00532) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (21074) COMMENT (<table> <tr> <td>CA RC/Query 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	CA RC/Query for DB2 for z/OS	Version 20.0
CA RC/Query for DB2 for z/OS	Version 20.0		

Service	Details
	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.).

Service	Details																		
LU00545	LU00545 M.C.S. ENTRIES = ++PTF (LU00545) WRONG FIELDS DESCRIPTION IN APPLICATION EXCEPTIONS PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) in the exception system has a mismatch between the application field QWACAJST ("CPU time used while in DB2") value and its description. The QWACAJST is supposed to only contain accumulated CPU time while it contains all CPU times. The change has been introduced to replace the field with the new QWACC2TotalCpu ("Total CPU time used while in DB2") field, all existing exceptions are automatically updated to use this new field to preserve the consistency. Also the field QWACAJST ("TCB CPU time used while in DB2") is re-introduced for usage in new exceptions that only require TCB time values. SYMPTOMS: Application exceptions based on the QWACAJST ("CPU time used while in DB2") do not alert as expected. IMPACT: Unexpected behavior of application exceptions that are supposed to be based only on the accumulated TCB time in DB2. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 CA SYSVIEW Performance Management Option for DB2 for z/OS Version 19.0 Related Problem: IDB2 12877 Copyright (C) 2021 CA. All rights reserved. R01340-D200-SP1 DESC(WRONG FIELDS DESCRIPTION IN APPLICATION EXCEPTIONS). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010906 S011616 S011977 S012769 S013508 S013557 S013891 S014099 S014754 S015070 S015254 S015647 S016300) SUP (LT00159 LT00282 LT00545 LU00159 LU00282) ++HOLD (LU00545) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (21082) COMMENT (<table border="1"> <tr> <td>CA SYSVIEW Performance Management Option for DB2 for z/OS</td><td></td></tr> <tr> <td>Version 20.0</td><td></td></tr> </table> ----- <table border="1"> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> </table> ----- <table border="1"> <tr> <td>PURPOSE</td><td>Review and possibly update the application exceptions</td></tr> <tr> <td></td><td>based on QWACAJST ("CPU time used while in DB2") field.</td></tr> </table> ----- <table border="1"> <tr> <td>USERS</td><td>This hold data is relevant for all customers who use</td></tr> <tr> <td>AFFECTED</td><td>CA SYSVIEW Performance Management Option for DB2 for z/OS</td></tr> <tr> <td></td><td>application exceptions.</td></tr> </table> ----- <table border="1"> <tr> <td>KNOWLEDGE</td><td>CA SYSVIEW Performance Management Option for DB2 for z/OS</td></tr> </table>	CA SYSVIEW Performance Management Option for DB2 for z/OS		Version 20.0		SEQUENCE	After Apply	PURPOSE	Review and possibly update the application exceptions		based on QWACAJST ("CPU time used while in DB2") field.	USERS	This hold data is relevant for all customers who use	AFFECTED	CA SYSVIEW Performance Management Option for DB2 for z/OS		application exceptions.	KNOWLEDGE	CA SYSVIEW Performance Management Option for DB2 for z/OS
CA SYSVIEW Performance Management Option for DB2 for z/OS																			
Version 20.0																			
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USERS	This hold data is relevant for all customers who use																		
AFFECTED	CA SYSVIEW Performance Management Option for DB2 for z/OS																		
	application exceptions.																		
KNOWLEDGE	CA SYSVIEW Performance Management Option for DB2 for z/OS																		

Service	Details
	<pre> REQUIRED Exception System. +-----+-----+ ACCESS CA SYSVIEW Performance Management Option for DB2 for z/OS REQUIRED Exception System. +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. After the fix is applied, review application exceptions that are now based on the new QWACC2TotalCpu field ("Total CPU time used while in DB2"). The new field automatically replaced the former QWACAJST field to properly reflect CPU time evaluated in exceptions. Use DBGEXRPT utility to print out the contents of the exception file if there are many exceptions to review. For the case of an exception where such a replacement is not desired (you truly want the exception raised on the basis of TCB time alone), delete this exception and recreate it using the re-introduced QWACAJST field ("TCB CPU time used while in DB2") that now properly only contains TCB CPU time.). CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) . CSECT (AMXXC3C,AMXXC3) . CSECT (NCCEXCPC,NCCEXCPM) . CSECT (NSIAC TTC,NSIAC TTM) . </pre>

Service	Details
LU00549	M.C.S. ENTRIES = ++PTF (LU00549) DETECTOR MAY SKIP USERID INFORMATION FOR SOME PROGRAMS PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may skip user ID information for some programs or connection types when the Additional Key collection is enabled. SYMPTOMS: *NULL* may be displayed on the DETECTOR Key Summary Display instead of the user ID information. IMPACT: Missing user ID information on the DETECTOR Key Summary Display. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 13112 Copyright (C) 2021 CA. All rights reserved. R01341-D200-SP1 DESC(DETECTOR MAY SKIP USERID INFORMATION FOR SOME PROGRAMS). ++VER (Z038) FMID (CPDTPK00) PRE (LU00124 LU00402 LU00524 R096168 R096580 R097707 R098088 R098429 R099556 S000263 S001400 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S007988 S008129 S008244 S008323 S008789 S009065 S010538 S010908 S011694 S011983 S012538 S012921 S013887 S014782 S014860 S015395 S015723 S016174) SUP (AS06334 AS08129 AS13450 AS13889 AS16113 LT00240 LT00307 LT00329 LT00513 LT00529 LT00533 LT00549 LU00240 LU00329 R099946 SI14306 S000423 S006838 S008204 S008446 S009239 S009601 S009828 S010018 S010492 S010521 S010652 S013450 S013655 S013889 S014338 S014397 S014680 S015843 S015927 S016113 ST00423 ST06838 ST07220 ST08204 ST08446 ST09239 ST09601 ST09828 ST10018 ST10492 ST10521 ST10652 ST11973 ST13450 ST13655 ST13889 ST14338 ST14397 ST14680 ST15843 ST15927 ST16113 TR99946) ++HOLD (LU00549) SYSTEM FMID(CPDTPK00) REASON (RESTART) DATE (21074) COMMENT (+-----+ 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

Service	Details
	<pre> 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
LU00565	LU00565 M.C.S. ENTRIES = ++PTF (LU00565) MEMORY LEAK IN SQL TRANSFORMATION SERVICE MAY CAUSE S878 PROBLEM DESCRIPTION: The CA Common SQL Transformation Service (SQ2) has a memory leak that is caused by not freeing the underlying structures that the CA Common SQL Services SQL Tokenization and SQL Parser create. This memory leak can cause performance degradation and possible system abends like S878. SYMPTOMS: In CA Detector for DB2 for z/OS (PDT), the batch utility job PDTBATCH with NORMALIZE=Y may see high CPU consumption and longer run time. In addition, the following messages may appear in the job log: IEA705I ERROR DURING GETMAIN SYS CODE = 878-10 IDIO007S GETMAIN failed in IDIXDCAP initial entry. IEA995I SYMPTOM DUMP OUTPUT 161 SYSTEM COMPLETION CODE=878 REASON CODE=00000010 TIME=04.31.16 SEQ=43344 CPU=0000 ASID=014D PSW AT TIME OF ERROR 070C1000 814F1DC0 ILC 2 INTC 0D NO ACTIVE MODULE FOUND NAME=UNKNOWN IMPACT: PDT PDTBATCH job may fail to unload data. CIRCUMVENTION: Run the PDTBATCH job with NORMALIZE=N if possible. PRODUCT(S) AFFECTED: CA Common SQL Services for DB2 for z/OS Version 1.0 Related Problem: SQ2 12989 Copyright (C) 2021 CA. All rights reserved. R00030-SQ2010-SP1 DESC(MEMORY LEAK IN SQL TRANSFORMATION SERVICE MAY CAUSE S878). ++VER (Z038) FMID (CSQ2100) PRE (R096102 R096495 R097090 R097169 R098041 R099899 R099968 S000849 S004155 S005308 S006494 S008576 S013982) SUP (LT00565 S008799 S012501 S015184 ST08799 ST12501 ST15184)

Service	Details
LU00568	LU00568 M.C.S. ENTRIES = ++PTF (LU00568) ONLINE COMPARE ENDS WITH SQLCODE -438 IF TABLESPACE PAIRED PROBLEM DESCRIPTION: In CA RC/Compare for DB2 for z/OS (RCC), an online compare using the 'COMPARE' command will end with an SQLCODE -438 if the tablespaces are paired. SYMPTOMS: DSNT408I SQLCODE = -438, SQLSTATE = 00000, UNQUALIFIED SUCCESSFUL COMPLETION FROM ? TOKENS PTABDBS: PTMBDB not connected. IMPACT: The tablespace level differences will not be displayed. CIRCUMVENTION: Analyze the compare strategy. PRODUCT(S) AFFECTED: CA RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 13091 Copyright (C) 2021 CA. All rights reserved. R01343-D200-SP1 DESC(ONLINE COMPARE ENDS WITH SQLCODE -438 IF TABLESPACE PAIRED). ++VER (Z038) FMID (CINSK00) PRE (LU00446 R096576 R099553 S004455 S006113 S007807 S012361 S012933 S014716 S014832 S015804) SUP (LT00568)

Service	Details		
LU00576	LU00576 M.C.S. ENTRIES = ++PTF (LU00576) DUMP TITLE=CA-SSANALZE 20.0 COLLECTION FRR/SDUMP ABEND 0C4 PROBLEM DESCRIPTION: CA Subsystem Analyzer for DB2 for z/OS (PSA) may abend with an 0C4 when processing Db2 pagesets with more than 26 datasets. SYMPTOMS: The following messages will be displayed in the XMAN log: DUMPID=xxx REQUESTED BY JOB (xxxxDBM1) DUMP TITLE=CA-SSANALZE 20.0 COLLECTION FRR/SDUMP IMPACT: Subsystem Analyzer collections are terminated. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 13108 Copyright (C) 2021 CA. All rights reserved. R01344-D200-SP1 DESC(DUMP TITLE=CA-SSANALZE 20.0 COLLECTION FRR/SDUMP ABEND 0C4). ++VER (Z038) FMID (CPSAK00) PRE (S000871 S004468 S006126 S006873 S007204 S009432 S010867 S011625 S012926 S014681) SUP (LT00576 S008123 S010955 S015094 S015935 ST08123 ST10955 ST15094 ST15935) ++HOLD (LU00576) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (21077) COMMENT (<table border="1"> <tr> <td>CA Subsystem Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> 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.	CA Subsystem Analyzer for DB2 for z/OS	Version 20.0
CA Subsystem Analyzer for DB2 for z/OS	Version 20.0		

Service	Details
	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
LU00597	LU00597 M.C.S. ENTRIES = ++PTF (LU00597) The following items are included in this solution: 1. DML REPORT FAILS WITH RC=16 AND MESSAGE LAE0246E 2. JOB FAILS RC=16 MESSAGE LAE0396E BYPASS EXTRACT 3. DML REPORT FAILS WITH SOC4 ABEND IN THE LAL@ZLX MODULE ===== DML REPORT FAILS WITH RC=16 AND MESSAGE LAE0246E PROBLEM DESCRIPTION: CA Log Analyzer for Db2 for z/OS (PLA) may fail with SOC7 abend. This happens when PLA reports on a compressed data and one of the following is true: 1) The tablespace page numbering was altered from absolute to relative. 2) PLA reads the dictionary from the log before an alter that changes tablespace DSSIZE or PGSIZE. SYMPTOMS: The following message appears in the joblog. The tablespace in the message is the tablespace altered after the RBA/LRSN point: LAE0246E A SOC7 abend was encountered in the CMPSC instruction. Record Information: Tablespace: XXXX.YYYY RBA/LRSN : xxxxxxxxxxxxxxxxxxxxxx RID : xxxxxxxxxxxxxxxx Dictionary Information: START_RBA : xxxxxxxxxxxxxxxxxxxxxx DSNUM : n DSNAME : dsname Please contact CA customer support. IMPACT: The required report is not generated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 13022 ===== JOB FAILS RC=16 MESSAGE LAE0396E BYPASS EXTRACT PROBLEM DESCRIPTION: CA Log Analyzer for Db2 for z/OS may fail with return code 16 and message LAE0396E. This can happen when the Bypass Extract feature is turned on. SYMPTOMS: The following message appears in the joblog: LAE0396E Unexpected sequence of log records. Unexpected finish of spanned record. URID : xxxxxxxxxxxxxxxxxxxxxx Member: xxxx LRSN : xxxxxxxxxxxxxxxxxxxxxx RBA : xxxxxxxxxxxxxxxxxxxxxx PREV TYPE : 80, FAIL TYPE: 00 Offset: LAA@LGOT IMPACT: The report is not generated. CIRCUMVENTION:

Service	Details
	Run the job with the control card EXTRACT = (FILTER). PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 13117 ===== DML REPORT FAILS WITH SOC4 ABEND IN THE LAL@ZLX MODULE PROBLEM DESCRIPTION: A CA Log Analyzer for Db2 for z/OS DML report may encounter a SOC4 reason code 11 abend. This can happen when the reported data is compressed. SYMPTOMS: The DML report abends with SOC4 and reason code 11 in the LAL@ZLX module. IMPACT: The required DML report is not provided. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 13137 Copyright (C) 2021 CA. All rights reserved. R01347-D200-SP1 DESC(DML REPORT FAILS WITH RC=16 AND MESSAGE LAE0246E). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00138 LU00165 LU00238 LU00356 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S004795 S005014 S006119 S006718 S006868 S007813 S008008 S008802 S008870 S009133 S009252 S010390 S010641 S010677 S011113 S011583 S011669 S012487 S012763 S012797 S012889 S012900 S013625 S013879 S014033 S014137 S014866 S015064 S015456 S015895 S016075) SUP (LT00480 LT00597 LU00480 S009333 S015531 ST09333 ST13916 ST15531 ST15593 ST15601 ST15620 ST15631 ST15958) CSECT(LAA\$SEX,#@XFCALN) . CSECT(LAA@CARD,LAA@MTHB,LAA@TRTB) . CSECT(LAA@CR15,@@##\$\$B) . CSECT(LAA@CTL1,PTIDECF) . CSECT(LAA@DFLT,FLTDATA1,FLTDATA2) . CSECT(LAA@FCC,ASUTAB) . CSECT(LAA@FCDR,LAA@FCTR) . CSECT(LAA@FCR,LAA@FCTR) . CSECT(LAA@FCS,ASUTAB) . CSECT(LAA@ME15,@@##\$\$B) . CSECT(LAA@NLOG,#@XFCALN) . CSECT(LAA@RIC,#@XFCALN) . CSECT(LAA@RRPA,#@XFCALN) .

Service	Details
LU00613	LU00613 M.C.S. ENTRIES = ++PTF (LU00613) RCO0013E ISSUED WHEN ALTERING & DROPPING PARTITIONS FROM TCP PROBLEM DESCRIPTION: CA RC/Migrator for DB2 for z/OS (RCM) will issue message RCO0013E without generating the create table DDL if the following conditions are true: 1) One or more partitions are dropped from the table. 2) The DB2 version for the target subsystem is >= 'V12R1M502'. SYMPTOMS: RCO0013E: Internal Error service(ZOMPDCNV) RC=16 ;12 ,32 IMPACT: The create table DDL is not generated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 13184 Copyright (C) 2021 CA. All rights reserved. R01348-D200-SP1 DESC(RCO0013E ISSUED WHEN ALTERING & DROPPING PARTITIONS FROM TCP). ++VER (Z038) FMID (CINSK00) PRE (R099553 S001396 S004455 S007379 S011966 S012933 S014125 S015804) SUP (LT00613 S009602 S015449 ST09565 ST09602 ST15449)

Service	Details		
LU00635	LU00635 M.C.S. ENTRIES = ++PTF (LU00635) ABEND SOC3 WHILE COPYING EXTRACT PROCEDURE PROBLEM DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) encounters an SOC3 Abend while copying an extract procedure when PTF LU00145 is installed. SYMPTOMS: ISPF Abend with the following message: "System abend code 0C3, reason code 00000003. Abend in host command ISPEXEC or address environment routine TSO." IMPACT: The extract procedure cannot be copied. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 12933 Copyright (C) 2021 CA. All rights reserved. R01350-D200-SP1 DESC(ABEND SOC3 WHILE COPYING EXTRACT PROCEDURE). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 S000017) SUP (CL00146 LT00635) ++HOLD (LU00635) SYSTEM FMID(CPDAK00) REASON (DB2BIND) DATE (21084) COMMENT (<table border="1"> <tr> <td>CA Database 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 * ***** 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	CA Database Analyzer For DB2 for z/OS	Version 20.0
CA Database Analyzer For DB2 for z/OS	Version 20.0		

Service	Details
	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. <pre> +-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). CSECT (RAAUBPM,RATSYM) . </pre>

Service	Details
LU00639	LU00639 M.C.S. ENTRIES = ++PTF (LU00639) ARCHIVE NOT DISABLED IF SEQUENCE OBJECT INCLUDED IN STRATEGY PROBLEM DESCRIPTION: In CA RC/Compare for DB2 for z/OS (RCC), the analysis will not generate DDL to disable the base/archive table pair if the following conditions are true: 1) The source has DDL for table objects, its parents and sequence objects. 2) The source table is not an archive-enabled table. 3) The target has an archive-enabled table. SYMPTOMS: The DDL to disable archive is missing from the generated script. IMPACT: Users will not be able to disable the association between the base table and archive table. CIRCUMVENTION: Exclude sequence objects from the source DDL. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCC 13214 Copyright (C) 2021 CA. All rights reserved. R01351-D200-SP1 DESC (ARCHIVE NOT DISABLED IF SEQUENCE OBJECT INCLUDED IN STRATEGY) . ++VER (Z038) FMID (CINSK00) PRE (LU00446 S001396 S004718 S007379 S009105 S011966 S012361 S012933 S014832 S015804) SUP (LT00639 S013878 ST13878)

Service	Details
LU00643	LU00643 M.C.S. ENTRIES = ++PTF (LU00643) S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS PROBLEM DESCRIPTION: In CA Database Management Solutions for DB2 for z/OS (INS), the lexical analysis service may fail with an abend code S978-04 when trying to tokenize an SQL statement with a syntax error. SYMPTOMS: A customer encountered the abend while attempting to Explain an SQL statement in SQL-Ease (option 2). The following messages were generated: IRX0250E System abend code 978, reason code 00000004. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. Module name . . . : SQL\$PRCR Entry point address 3B4E4EC8 IMPACT: Varies across CA Database Management Solutions, but usually causes early program terminations. CIRCUMVENTION: For SQL-Ease, correct any syntax error in the SQL statement before using the product. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 13202 Copyright (C) 2021 CA. All rights reserved. R01352-D200-SP1 DESC(S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS). ++VER (Z038) FMID (CINSK00) PRE (LU00438 R096576 R099553 S000016 S001396 S004455 S008578 S009785 S009999 S010028 S010174 S011078 S011766 S011807 S012067 S012650) SUP (LT00643 S010703 ST09782 ST10703) ++IF FMID(COFSK00) REQ(LU00644) . ++IF FMID(CPBAK00) REQ(LU00645) . ++IF FMID(CPPAK00) REQ(LU00646) . CSECT(CSA#LEXA,PTIDECF) . CSECT(PAA#CARD,#CARDBUF) . CSECT(PAA#XOUT,#@XFCALN) . CSECT(PPA#CDEP,PPA#CDP2) . CSECT(PPA#FSQL,CONCATCS) . CSECT(PPA#RIDS,#RIDS) . CSECT(PPA@QUAL,@QUAL,@QUAL1) . CSECT(PSA\$SSM2,PSA\$SSM\$) . CSECT(PSA#CVT,#@XFCALN) . CSECT(PPA#CLEX,PPAHVTCT,PTATOKE,#TSVC) .

Service	Details
LU00644	LU00644 M.C.S. ENTRIES = ++PTF (LU00644) S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS PROBLEM DESCRIPTION: In CA Database Management Solutions for DB2 for z/OS (INS), the lexical analysis service may fail with an abend code S978-04 when trying to tokenize an SQL statement with a syntax error. SYMPTOMS: A customer encountered the abend while attempting to Explain an SQL statement in SQL-Ease (option 2). The following messages were generated: IRX0250E System abend code 978, reason code 00000004. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. Module name . . . : SQL\$PRCR Entry point address 3B4E4EC8 IMPACT: Varies across CA Database Management Solutions, but usually causes early program terminations. CIRCUMVENTION: For SQL-Ease, correct any syntax error in the SQL statement before using the product. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 13202 Copyright (C) 2021 CA. All rights reserved. R01352-D200-SP1 DESC(S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS). ++VER (Z038) FMID (COFSK00) PRE (R096577 R097705 R099554 S001397 S004456 S006114 S006864 S007808 S008579 S009762 S010029) SUP (LT00644) ++IF FMID(CPBAK00) REQ(LU00645) . ++IF FMID(CPPAK00) REQ(LU00646) . ++IF FMID(CINSK00) REQ(LU00643) .

Service	Details
LU00645	LU00645 M.C.S. ENTRIES = ++PTF (LU00645) S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS PROBLEM DESCRIPTION: In CA Database Management Solutions for DB2 for z/OS (INS), the lexical analysis service may fail with an abend code S978-04 when trying to tokenize an SQL statement with a syntax error. SYMPTOMS: A customer encountered the abend while attempting to Explain an SQL statement in SQL-Ease (option 2). The following messages were generated: IRX0250E System abend code 978, reason code 00000004. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. Module name . . . : SQL\$PRCR Entry point address 3B4E4EC8 IMPACT: Varies across CA Database Management Solutions, but usually causes early program terminations. CIRCUMVENTION: For SQL-Ease, correct any syntax error in the SQL statement before using the product. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 13202 Copyright (C) 2021 CA. All rights reserved. R01352-D200-SP1 DESC(S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS). ++VER (Z038) FMID (CPBAK00) PRE (LU00439 R096578 S001398 S008450 S008580 S009786 S010277 S010713 S011130 S011767 S011808) SUP (LT00645 ST10707 ST11712) ++IF FMID(COFSK00) REQ(LU00644) . ++IF FMID(CPPAK00) REQ(LU00646) . ++IF FMID(CINSK00) REQ(LU00643) . CSECT(PBA\$HPCI,PBC\$HPCI) . CSECT(POPTMASK,PBA\$HPCM) . CSECT(PBA#LEXA,PTIDECF) .

Service	Details
LU00646	LU00646 M.C.S. ENTRIES = ++PTF (LU00646) S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS PROBLEM DESCRIPTION: In CA Database Management Solutions for DB2 for z/OS (INS), the lexical analysis service may fail with an abend code S978-04 when trying to tokenize an SQL statement with a syntax error. SYMPTOMS: A customer encountered the abend while attempting to Explain an SQL statement in SQL-Ease (option 2). The following messages were generated: IRX0250E System abend code 978, reason code 00000004. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. Module name . . . : SQL\$PRCR Entry point address 3B4E4EC8 IMPACT: Varies across CA Database Management Solutions, but usually causes early program terminations. CIRCUMVENTION: For SQL-Ease, correct any syntax error in the SQL statement before using the product. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 13202 Copyright (C) 2021 CA. All rights reserved. R01352-D200-SP1 DESC(S978 ABEND IN SQL\$PRCR DURING LEXICAL ANALYSIS). ++VER (Z038) FMID (CPPAK00) PRE (LU00440 R096584 R099560 S000021 S001404 S004462 S006120 S006869 S007814 S008451 S008581 S009787 S010000 S010278 S010714 S011131 S011768 S011810 S012068 S012267 S012368 S012655 S014902 S015691) SUP (LT00646 ST09784) ++IF FMID(COFSK00) REQ(LU00644) . ++IF FMID(CPBAK00) REQ(LU00645) . ++IF FMID(CINSK00) REQ(LU00643) . CSECT(POPTMASK,PBA\$CTLG) . CSECT(PPA\$SCRUL,PPA\$CVT) . CSECT(PPA\$C150,PPA\$CVT) . CSECT(PPA\$C160,PPA\$CVT) . CSECT(PPA\$ESEX,PPA\$ESE2,PPA\$ESE3,PPA\$ESE5,PPA\$ESE6) . CSECT(PPA\$INFO,\$INFO) . CSECT(PPA\$KRD,PPC\$KRD) . CSECT(PPA\$ODM,\$ODM1,\$ODM2) . CSECT(PPA\$ODOR,\$ODOR) . CSECT(PPA\$ORSI,\$ORSI) . CSECT(PPA\$ORST,\$ORST) . CSECT(PPA\$PRM,PPA\$PRM1) . CSECT(PPA\$PRMB,EXTERN2,PPACARDS,SCMCEN,PPA\$PRM1) . CSECT(PPA\$PSDM,\$PSDM) . CSECT(PPA\$PSRP,#@XFCALN) . CSECT(PPA\$QEDG,\$QEDG1,\$QEDG2,\$QEDG3,\$QEDGTT,\$GEDGTEN,\$QEDMRG) . CSECT(PPA\$QEDJ,CEV\$T1,CEV\$KEY) .

Service	Details
	CSECT (PPA\$QEDR,PLCSECT) .
	CSECT (PPA\$SLHM,\$SLHM) .
	CSECT (PPA\$UESM,#@XFCALN,PPA\$UES\$) .
	CSECT (PPA#CVT,#@XFCALN,BTCHCNTL) .
	CSECT (PPA#SCM,PPA\$ADD) .
	CSECT (PPA@FSQL,PPA\$CVT) .
	CSECT (PPA@PBAB,PPA@PBAE) .
	CSECT (PPA@PBAI,PPA\$CVT) .
	CSECT (PPA@PRMP,CRDPLIST,PPA@@001,PPA@TBL,EXTURN,PPA@PRM9) .
	CSECT (SQA\$QXPL,QXPL#DBG) .

Service	Details
LU00659	LU00659 M.C.S. ENTRIES = ++PTF (LU00659) POTENTIAL S978 ABEND DURING THE LEXICAL ANALYSIS PROBLEM DESCRIPTION: The CA Common Lexical Analysis Service (SQ2) may fail with an abend code S978-04 when trying to tokenize an SQL statement with a syntax error. SYMPTOMS: The following statements may be generated: IRX0250E System abend code 978, reason code 00000004. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. IMPACT: Varies across CA Database Management Solutions, but usually causes early program terminations. CIRCUMVENTION: Correct the syntax error in the SQL statement before using the product. PRODUCT(S) AFFECTED: CA Common SQL Services for DB2 for z/OS Version 1.0 Related Problem: SQ2 13230 Copyright (C) 2021 CA. All rights reserved. R00031-SQ2010-SP1 DESC(POTENTIAL S978 ABEND DURING THE LEXICAL ANALYSIS). ++VER (Z038) FMID (CSQ2100) PRE (LU00565 R096102 R096495 R097090 R097169 R098041 R099899 S000849 S004155 S005308 S008576 S012501 S013982) SUP (LT00659 TR95279 TR95281)

Service	Details
LU00672	LU00672 M.C.S. ENTRIES = ++PTF (LU00672) SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509 ENHANCEMENT DESCRIPTION: CA Log Analyzer for Db2 for z/OS now supports Db2 function and catalog level V12R1M509. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 12893 Copyright (C) 2021 CA. All rights reserved. R01353-D200-SP1 DESC(SUPPORT FOR DB2 FUNCTION LEVEL AND CATALOG LEVEL V12R1M509). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00238 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S008802 S009083 S009133 S009252 S010677 S011113 S011419 S011669 S012487 S012797 S012889 S012900 S013009 S013625 S013879 S014137 S014142 S014613 S014866 S015064 S015220) SUP (LT00672 S014949 ST14924 ST14949) ++IF FMID(CINSK00) REQ(LU00277) . ++HOLD (LU00672) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (21083) 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) . </pre>

Service	Details	
LU00684	LU00684 M.C.S. ENTRIES = ++PTF (LU00684)	
	PROCESSING OF CPU PARALLELISM TASKS ARE UNDERREPORTED	
	PROBLEM DESCRIPTION:	
	CA Detector for DB2 for z/OS (PDT) is bypassing the collection and processing of activity that is initiated by CPU parallelism.	
	SYMPTOMS:	
	Programs and statements that initiate CPU parallelism have underreported statistics, such as getpage, I-O, and wait counts.	
	IMPACT:	
	Programs and statements that initiate CPU parallelism have underreported statistics.	
	CIRCUMVENTION:	
	N/A	
	PRODUCT(S) AFFECTED:	
	CA Detector for DB2 for z/OS	Version 20.0
	Related Problem:	
	PDT 13236	
	Copyright (C) 2021 CA. All rights reserved. R01355-D200-SP1	
	DESC(PROCESSING OF CPU PARALLELISM TASKS ARE UNDERREPORTED).	
	++VER (Z038)	
	FMID (CPDTK00)	
	PRE (LU00402 LU00549 R096168 R096580 R097707 R098429	
	R099556 S000263 S003942 S004458 S004757 S006116	
	S006334 S006865 S007810 S007988 S008129 S008323	
	S008789 S009065 S010018 S010538 S010908 S011694	
	S011983 S012538 S012921 S013889 S014338)	
	SUP (AS06334 AS08129 AS13450 AS16113 LT00240 LT00307	
	LT00329 LT00684 LU00240 LU00329 R099946 S000423	
	S006838 S008446 S009828 S010492 S010652 S013450	
	S013655 S014680 S015843 S015927 S016113 ST00423	
	ST06838 ST08446 ST09828 ST10492 ST10652 ST13450	
	ST13655 ST14680 ST15843 ST15927 ST16113 TR99946)	
	++HOLD (LU00684) SYSTEM FMID(CPDTK00)	
	REASON (RESTART) DATE (21086)	
	COMMENT (	
	+-----+	
	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	

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

Service	Details
LU00689	LU00689 M.C.S. ENTRIES = ++PTF (LU00689) REBUILD INDEX OBJ-LIST SYNTAX ERROR & PMM0412E IS INCORRECT PROBLEM DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) REBUILD INDEX OBJ-LIST is not working and displaying syntax error PFR0378E. In CA Merge/ Modify for DB2 for z/OS (PMM), message PMM0412E erroneously indicates that BY-PART can be used with the TABLESPACE keyword. BY-PART can only be used with the DATABASE keyword. These 2 problems are unrelated and you will not find both error messages in the same job. SYMPTOMS: PFR0378E - PROBLEM ENCOUNTERED DURING PROCESSING OF KEYWORD 'INDEX'. PMM0412E - BY-PART MUST BE SPECIFIED IMMEDIATELY BEFORE THE 'DATABASE' OR 'TABLESPACE' OPERAND. IMPACT: REBUILD INDEX OBJ-LIST may not work. PMM0412E message may be misleading. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 CA Merge Modify for Db2 for z/OS Version 20.00 Related Problem: PFR 12818 Copyright (C) 2021 CA. All rights reserved. R01356-D200-SP1 DESC(REBUILD INDEX OBJ-LIST SYNTAX ERROR & PMM0412E IS INCORRECT). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 R096595 R099574 S000029 S000788 S001418 S001660 S004251 S008280 S008466 S009748 S010201 S010306 S012155) SUP (LT00689 S011930 ST11930) ++HOLD (LU00689) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (21083) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+

Service	Details
	***** * 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.).

Service	Details
LU00723	LU00723 M.C.S. ENTRIES = ++PTF (LU00723) PFR MERGE COPY REFACTORING ENHANCEMENT DESCRIPTION: The core code of the SORTLOG NO recover processing (utilized in the Fast Recover and Merge/Modify products) has been reviewed and simplified. This has been done in order to enable faster development of future enhancements and easier maintainability of the code. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1049 Copyright (C) 2021 CA. All rights reserved. R01360-D200-SP1 DESC(PFR MERGE COPY REFACTORING) . ++VER (Z038) FMID (CINSK00) PRE (LU00131 LU00135 LU00237 LU00254 LU00438 R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004250 S004455 S005011 S006113 S006608 S006863 S007379 S007807 S008832 S008869 S009022 S009183 S009761 S009785 S010004 S010173 S010200 S010676 S011078 S011084 S011112 S011684 S011966 S012715 S012899 S013624 S014029 S014174 S014381 S014566 S014865 S015311 S015709 S015980) SUP (LT00315 LT00723 ST10964 ST12171 ST16252) ++IF FMID(CPFLK00) REQ(LU00724) . ++IF FMID(CPLAK00) REQ(LU00725) . ++IF FMID(CPRRK00) REQ(LU00726) . ++IF FMID(CPUTK00) REQ(LU00727) . ++IF FMID(CUGRK00) REQ(LU00728) .

Service	Details
LU00724	LU00724 M.C.S. ENTRIES = ++PTF (LU00724) PFR MERGE COPY REFACTORING ENHANCEMENT DESCRIPTION: The core code of the SORTLOG NO recover processing (utilized in the Fast Recover and Merge/Modify products) has been reviewed and simplified. This has been done in order to enable faster development of future enhancements and easier maintainability of the code. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1049 Copyright (C) 2021 CA. All rights reserved. R01360-D200-SP1 DESC(PFR MERGE COPY REFACTORING) . ++VER (Z038) FMID (CPFLK00) PRE (LU00136 LU00178 R096581 R097708 S000018 S000704 S001401 S001656 S004857 S005012 S005502 S006117 S007170 S007811 S008071 S008378 S008428 S009900 S009977 S010752 S011235 S011431 S011601 S011846 S011946 S011996 S012128 S012150 S012275 S012526 S013097 S013203 S013765 S014772 S015015 S015484 S015738 S015938 S016089) SUP (LT00316 LT00724 ST16253) ++IF FMID(CPLAK00) REQ(LU00725) . ++IF FMID(CPRRK00) REQ(LU00726) . ++IF FMID(CPUTK00) REQ(LU00727) . ++IF FMID(CUGRK00) REQ(LU00728) . ++IF FMID(CINSK00) REQ(LU00723) . CSECT(FLA\$ARLD,#@XFCALR) . CSECT(FLA\$CAI,#@XFCALR) . CSECT(FLA\$LOB2,#@XFCALR) . CSECT(FLAMTSK,#@XFCALR) .

Service	Details
LU00725	LU00725 M.C.S. ENTRIES = ++PTF (LU00725) PFR MERGE COPY REFACTORING ENHANCEMENT DESCRIPTION: The core code of the SORTLOG NO recover processing (utilized in the Fast Recover and Merge/Modify products) has been reviewed and simplified. This has been done in order to enable faster development of future enhancements and easier maintainability of the code. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1049 Copyright (C) 2021 CA. All rights reserved. R01360-D200-SP1 DESC(PFR MERGE COPY REFACTORING) . ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00138 LU00238 LU00597 S000020 S001403 S004245 S004461 S004795 S007813 S008802 S009333 S010677 S011113 S011669 S012889 S012900 S013625 S013879) SUP (LT00317 LT00725 ST16254) ++IF FMID(CPFLK00) REQ(LU00724) . ++IF FMID(CPRRK00) REQ(LU00726) . ++IF FMID(CPUTK00) REQ(LU00727) . ++IF FMID(CUGRK00) REQ(LU00728) . ++IF FMID(CINSK00) REQ(LU00723) .

Service	Details
LU00726	LU00726 M.C.S. ENTRIES = ++PTF (LU00726) PFR MERGE COPY REFACTORING ENHANCEMENT DESCRIPTION: The core code of the SORTLOG NO recover processing (utilized in the Fast Recover and Merge/Modify products) has been reviewed and simplified. This has been done in order to enable faster development of future enhancements and easier maintainability of the code. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1049 Copyright (C) 2021 CA. All rights reserved. R01360-D200-SP1 DESC(PFR MERGE COPY REFACTORING). ++VER (Z038) FMID (CPRRK00) PRE (LU00139 LU00452 R096588 R098968 S000023 S000846 S005015 S006582 S006609 S007818 S007893 S008379 S009671 S009901 S009954 S010007 S010505 S011039 S011222 S011237 S011432 S011603 S011847 S011998 S012152 S013204 S014034 S014276 S015485 S015739) SUP (LT00318 LT00726 S008837 S016160 ST08837 ST16160 ST16255) ++IF FMID(CPFLK00) REQ(LU00724) . ++IF FMID(CPLAK00) REQ(LU00725) . ++IF FMID(CPUTK00) REQ(LU00727) . ++IF FMID(CUGRK00) REQ(LU00728) . ++IF FMID(CINSK00) REQ(LU00723) . CSECT(RRA\$UL7,#@XFCALR) . CSECT(RRA\$VEB,#@XFCALR) . CSECT(RRA\$VEC,#@XFCALR) . CSECT(RRA\$VED,#@XFCALR) . CSECT(RRA\$VMA,#@XFCALR) . CSECT(RRA\$VMB,#@XFCALR) . CSECT(RRA\$VX4,#@XFCALR) .

Service	Details
LU00727	LU00727 M.C.S. ENTRIES = ++PTF (LU00727) PFR MERGE COPY REFACTORING ENHANCEMENT DESCRIPTION: The core code of the SORTLOG NO recover processing (utilized in the Fast Recover and Merge/Modify products) has been reviewed and simplified. This has been done in order to enable faster development of future enhancements and easier maintainability of the code. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1049 Copyright (C) 2021 CA. All rights reserved. R01360-D200-SP1 DESC(PFR MERGE COPY REFACTORING) . ++VER (Z038) FMID (CPUTK00) PRE (LU00133 LU00140 LU00177 LU00194 LU00304 R096590 R097717 R098969 R099566 S000024 S001411 S001659 S004248 S004469 S004798 S005016 S005102 S006068 S006127 S006610 S006874 S007172 S007820 S008586 S008803 S009027 S009253 S009672 S009765 S010678 S011085 S011110 S011114 S011238 S011433 S011604 S011849 S011999 S012153 S012174 S012278 S012529 S012901 S013153 S013205 S013316 S013626 S013709 S013880 S014035 S014277 S014567 S014773 S015238 S015457 S015486 S015710 S015740 S015939 S016090) SUP (AS03992 LT00319 LT00727 S003992 S007711 S009973 S010495 S012730 S013596 S015541 S016217 ST03992 ST06289 ST07711 ST09973 ST10495 ST10965 ST12730 ST13596 ST15160 ST15541 ST15922 ST16217 ST16245 ST16256 ST16298) ++IF FMID(CPFLK00) REQ(LU00724) . ++IF FMID(CPLAK00) REQ(LU00725) . ++IF FMID(CPRRK00) REQ(LU00726) . ++IF FMID(CUGRK00) REQ(LU00728) . ++IF FMID(CINSK00) REQ(LU00723) . CSECT(UTA\$LOBO,#@XFCALR) . CSECT(UTA\$LOBW,#@XFCALR) . CSECT(UTA@IXM5,#@XFCALR) . CSECT(UTAGLIXA,#@XFCALR) . CSECT(UTAIX2RL,#@XFCALR) . CSECT(UTAXMLO,#@XFCALR) .

Service	Details
LU00728	LU00728 M.C.S. ENTRIES = ++PTF (LU00728) PFR MERGE COPY REFACTORING ENHANCEMENT DESCRIPTION: The core code of the SORTLOG NO recover processing (utilized in the Fast Recover and Merge/Modify products) has been reviewed and simplified. This has been done in order to enable faster development of future enhancements and easier maintainability of the code. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1049 Copyright (C) 2021 CA. All rights reserved. R01360-D200-SP1 DESC(PFR MERGE COPY REFACTORING) . ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00275 LU00689 R096595 R097722 R099574 S000029 S000788 S001418 S001660 S004249 S004251 S004475 S004799 S005018 S006132 S006879 S007173 S007826 S007905 S008280 S008833 S009595 S009742 S009748 S009903 S010165 S010201 S010306 S010553 S010818 S011083 S011086 S011169 S011382 S011605 S011646 S012000 S012155 S012279 S012352 S012530 S012902 S013130 S013206 S013686 S013768 S014036 S014483 S014568 S014641 S015487 S015711) SUP (AS09748 LT00152 LT00320 LT00728 LU00152 S001855 S008466 S010001 S010401 S011930 S012018 S012234 S013586 S014863 S015817 ST01855 ST06479 ST08466 ST10001 ST10401 ST11930 ST12018 ST12234 ST13586 ST14863 ST15817 ST16257 TR97544) ++IF FMID(CPFLK00) REQ(LU00724) . ++IF FMID(CPLAK00) REQ(LU00725) . ++IF FMID(CPRRK00) REQ(LU00726) . ++IF FMID(CPUTK00) REQ(LU00727) . ++IF FMID(CINSK00) REQ(LU00723) .

CA DB2 Tools 20.0
CA RS 2104 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 2104 Product/Component Count for this release is 27		

CA RS Level	Service	FMID
CAR2104	LU00728	CUGRK00
	LU00727	CPUTK00
	LU00726	CPRRK00
	LU00725	CPLAK00
	LU00724	CPFLK00
	LU00723	CINSK00
	LU00689	CUGRK00
	LU00684	CPDTK00
	LU00672	CPLAK00
	LU00659	CSQ2100
	LU00646	CPPAK00
	LU00645	CPBAK00
	LU00644	COFSK00
	LU00643	CINSK00
	LU00639	CINSK00
	LU00635	CPDAK00
	LU00613	CINSK00
	LU00597	CPLAK00
	LU00576	CPSAK00
	LU00568	CINSK00
	LU00565	CSQ2100
	LU00549	CPDTK00
	LU00545	CIDBK00
	LU00532	CRCQK00
	LU00531	COFSK00
	LU00530	CINSK00
	LU00524	CPDTK00
	LU00523	CINSK00
	LU00511	CRCUK00
	LU00510	CINSK00
	LU00509	CINSK00
	LU00508	CINSK00
	LU00500	CPSAK00
	LU00480	CPLAK00
	LU00475	CPDAK00
	LU00452	CPRRK00
	LU00450	CRCXK00
	LU00449	CRCUK00
	LU00448	CRCMK00
	LU00447	CPFUK00
	LU00446	CINSK00
	LU00440	CPPAK00
	LU00439	CPBAK00
	LU00438	CINSK00
	LU00437	CPUTK00
	LU00436	CPFLK00
	LU00435	CINSK00

CA RS Level	Service	FMID
	LU00434	CIDBK00
	LU00433	CRCUK00
	LU00432	CINSK00
	LU00427	CIDBK00
	LU00426	CINSK00
	LU00413	CRCQK00
	LU00412	CINSK00
	LU00411	CRCXK00
	LU00402	CPDTK00
	LU00400	CPRFK00
	LU00399	CINSK00
	LU00381	CPDAK00
	LU00368	CINSK00
	LU00359	CINSK00
	LU00342	CRCXK00
	LU00341	CRCUK00
	LU00340	CRCSK00
	LU00339	CRCQK00
	LU00338	CRCMK00
	LU00337	CPUTK00
	LU00336	CPRAK00
	LU00335	CPLAK00
	LU00334	CPDTK00
	LU00333	CPDAK00
	LU00332	CINSK00
	LU00331	CIDBK00
	LU00330	CAHOK00
	LU00314	CPDAK00
	LU00304	CPUTK00
	LU00303	CPRRK00
	LU00302	CPFUK00
	LU00301	CPFLK00
	LU00299	CIDBK00
	LU00283	CINSK00
	LU00277	CINSK00
	LU00275	CUGRK00
	LU00177	CPUTK00
CAR2103	SO16295	CIDBK00
	SO15817	CUGRK00
	SO14357	CIDBK00
	SO13729	CRCQK00
	LU00356	CPLAK00
	LU00329	CPDTK00
	LU00282	CIDBK00
	LU00281	CPFUK00
	LU00257	CPDAK00
	LU00256	CPDAK00

CA RS Level	Service	FMID
	LU00254	CINSK00
	LU00253	CIDBK00
	LU00250	CPRFK00
	LU00248	CPUTK00
	LU00247	CPFLK00
	LU00246	CIDBK00
	LU00242	CINSK00
	LU00240	CPDTK00
	LU00238	CPLAK00
	LU00237	CINSK00
	LU00227	CINSK00
	LU00217	CPFUK00
	LU00216	CINSK00
	LU00207	CPRFK00
	LU00194	CPUTK00
	LU00178	CPFLK00
	LU00176	CPDTK00
	LU00165	CPLAK00
	LU00162	CINSK00
	LU00159	CIDBK00
	LU00152	CUGRK00
	LU00147	CRCQK00
	LU00146	CPDAK00
	LU00145	CINSK00
	LU00141	CUGRK00
	LU00140	CPUTK00
	LU00139	CPRRK00
	LU00138	CPLAK00
	LU00137	CPFUK00
	LU00136	CPFLK00
	LU00135	CINSK00
	LU00134	CIDBK00
	LU00133	CPUTK00
	LU00132	CPLAK00
	LU00131	CINSK00
	LU00127	CINSK00
	LU00124	CPDTK00
	LU00123	CINSK00
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	S016217	CPUTK00
	S016206	CPDAK00

CA RS Level	Service	FMID
	S016205	CINSK00
	S016200	CIDBK00
	S016195	CPFUK00
	S016194	CINSK00
	S016183	CINSK00
	S016181	CUGRK00
	S016176	CINSK00
	S016175	CPSAK00
	S016174	CPDTK00
	S016173	CINSK00
	S016165	CPRFK00
	S016160	CPRRK00
	S016149	CPRFK00
	S016133	COFSK00
	S016132	CINSK00
	S016116	CIDBK00
	S016113	CPDTK00
	S016107	CIDBK00
	S016090	CPUTK00
	S016089	CPFLK00
	S016088	CINSK00
	S016075	CPLAK00
	S016071	CRCQK00
	S016067	CINSK00
	S016057	CIDBK00
	S016053	CINSK00
	S016046	CIDBK00
	S016045	CINSK00
	S015980	CINSK00
	S015952	CIDBK00
	S015864	CINSK00
CAR2101	S016040	CINSK00
	S016032	CINSK00
	S016031	CINSK00
	S016024	CINSK00
	S016001	CINSK00
	S015998	CINSK00
	S015939	CPUTK00
	S015938	CPFLK00
	S015937	CINSK00
	S015935	CPSAK00
	S015931	CIDBK00
	S015927	CPDTK00
	S015913	CIDBK00
	S015908	CINSK00
	S015895	CPLAK00
	S015868	CINSK00

CA RS Level	Service	FMID
	S015867	CINSK00
	S015863	CINSK00
	S015843	CPDTK00
	S015816	CRCQK00
	S015807	CRCXK00
	S015806	CRCUK00
	S015805	CPFUK00
	S015804	CINSK00
	S015789	CINSK00
	S015775	CPRFK00
	S015774	CPRFK00
	S015770	CINSK00
	S015761	CIDBK00
	S015760	CINSK00
	S015711	CUGRK00
	S015710	CPUTK00
	S015709	CINSK00
CAR2012	S015771	CPFLK00
	S015767	CPFUK00
	S015740	CPUTK00
	S015739	CPRRK00
	S015738	CPFLK00
	S015723	CPDTK00
	S015697	CRCQK00
	S015691	CPPAK00
	S015690	CINSK00
	S015652	CPUTK00
	S015650	COFSK00
	S015647	CIDBK00
	S015613	CINSK00
	S015609	CUGRK00
	S015585	CPRRK00
	S015573	CPDTK00
	S015541	CPUTK00
	S015531	CPLAK00
	S015506	CINSK00
	S015499	CPDTK00
	S015487	CUGRK00
	S015486	CPUTK00
	S015485	CPRRK00
	S015484	CPFLK00
	S015483	CPDAK00
	S015482	CINSK00
	S015480	CUTSK00
	S015457	CPUTK00
	S015456	CPLAK00
	S015455	CINSK00

CA RS Level	Service	FMID
	S015450	CRCQK00
	S015449	CINSK00
	S015444	CINSK00
	S015440	COFSK00
	S015395	CPDTK00
	S015394	CINSK00
	S015193	CINSK00
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

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

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

CA RS Level	Service	FMID
	S014235	CPDTK00
	S014173	CINSK00
	S014168	CINSK00
	S014164	CIDBK00
	S014142	CPLAK00
	S014137	CPLAK00
	S014101	CRCQK00
	S014099	CIDBK00
	S014093	CIDBK00
	S014054	CPUTK00
	S014053	CPFUK00
	S014052	CINSK00
	S014036	CUGRK00
	S014035	CPUTK00
	S014034	CPRRK00
	S014033	CPLAK00
	S014032	CPFUK00
	S014031	CPFLK00
	S014030	CPDAK00
	S014029	CINSK00
	S014025	CPFLK00
	S014016	CIDBK00
	S013990	COFSK00
	S013988	CPPAK00
	S013987	CPDTK00
	S013986	CPDAK00
	S013985	CINSK00
	S013982	CSQ2100
	S013974	CINSK00
	S013973	CINSK00
	S013961	CPUTK00
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	S013887	CPDTK00
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	S013825	CIDBK00
	S013814	CINSK00

CA RS Level	Service	FMID
	S013807	CINSK00
	S013794	CINSK00
	S013781	COFSK00
	S013768	CUGRK00
	S013767	CPUTK00
	S013766	CPFUK00
	S013765	CPFLK00
	S013764	CINSK00
	S013758	COFSK00
	S013726	CINSK00
	S013711	CINSK00
	S013709	CPUTK00
	S013708	CPRRK00
	S013707	CPFUK00
	S013706	CPFLK00
	S013574	CINSK00
CAR2007	S013761	CPDTK00
	S013730	CPRFK00
	S013718	CPLAK00
	S013717	CINSK00
	S013686	CUGRK00
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	S013682	CINSK00
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	S013453	CINSK00
	S013450	CPDTK00

CA RS Level	Service	FMID
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00
	S013340	CINSK00
	S013273	CINSK00
	S012794	CINSK00
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00
	S013234	CPLAK00
	S013230	CINSK00
	S013229	CINSK00
	S013224	CPLAK00
	S013213	CINSK00
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	S013203	CPFLK00
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00

CA RS Level	Service	FMID
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	S012937	CRCXK00
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00

CA RS Level	Service	FMID
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCCK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00

CA RS Level	Service	FMID
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00

CA RS Level	Service	FMID
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00

CA RS Level	Service	FMID
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	S011693	CIDBK00
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00

CA RS Level	Service	FMID
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	S011323	CUGRK00
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00

CA RS Level	Service	FMID
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00

CA RS Level	Service	FMID
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00

CA RS Level	Service	FMID
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00

CA RS Level	Service	FMID
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCSK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00

CA RS Level	Service	FMID
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCCK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00

CA RS Level	Service	FMID
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00
	S009125	CINSK00
	S009110	CRCXK00
	S009109	CRCUK00
	S009108	CPLAK00
	S009107	CPFUK00
	S009106	COFSK00
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	S009083	CPLAK00
	S009068	CIDBK00
	S009065	CPDTK00
	S009055	CIDBK00
	S009054	CIDBK00
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	S008766	CINSK00
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00

CA RS Level	Service	FMID
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	S008750	CINSK00
	S008728	CIDBK00
	S008684	CINSK00
	S008668	CUGRK00
	S008667	CPUTK00
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	S008644	CINSK00
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00

CA RS Level	Service	FMID
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00

CA RS Level	Service	FMID
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00
	S007856	CINSK00
CAR1904	S007826	CUGRK00
	S007825	CTGRK00
	S007824	CRCUK00
	S007823	CRCSK00
	S007822	CRCQK00
	S007821	CRCMK00
	S007820	CPUTK00
	S007819	CPSAK00
	S007818	CPRRK00
	S007815	CPRFK00
	S007814	CPPAK00
	S007813	CPLAK00
	S007812	CPFUK00
	S007811	CPFLK00
	S007810	CPDTK00
	S007809	CPDAK00
	S007808	COFSK00
	S007807	CINSK00
	S007806	CIDBK00
	S007804	CAHOK00
	S007774	CINSK00
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00
	S007169	CINSK00
CAR1903	S007412	CINSK00

CA RS Level	Service	FMID
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00
	S007323	CINSK00
	S007204	CPSAK00
CAR1902	S007167	CINSK00
	S006978	CINSK00
	S006977	CIDBK00
	S006879	CUGRK00
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCCK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00

CA RS Level	Service	FMID
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRC SK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00

CA RS Level	Service	FMID
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00
	S004756	CINSK00
CAR1808	S004720	CRCUK00
	S004719	CRCMK00
	S004718	CINSK00
	S004475	CUGRK00
	S004474	CTGRK00
	S004473	CRCXK00
	S004472	CRCUK00
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	S004468	CPSAK00
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00

CA RS Level	Service	FMID
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCCK00
	S001641	CPLAK00
CAR1805	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00

CA RS Level	Service	FMID
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00
	S000977	CSQ2100
	S000975	CPLAK00
	S000894	CUGRK00
	S000893	CPUTK00
	S000871	CPSAK00
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	S000846	CPRRK00
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00

CA RS Level	Service	FMID
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100
CAR1801	R099853	CRCXK00
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRC SK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00

CA RS Level	Service	FMID
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRCCK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	R096579	CPDAK00
	R096578	CPBAK00

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