

CA DB2 Tools 20.0
CA RS 1911 Service List

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Service	Description	Type
S009797	DETECTOR EXTRACTOR SYSTEM NOT VISIBLE	PTF
S009911	ACCUMULATE INDEXSPACE S0C4	PTF
S009945	SELECTED TABLE IS LOST WHEN UPDATING MIGRATION STRATEGY	PTF
S009976	CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE	PTF
S009977	CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE	PTF
S009978	CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE	PTF
S009999	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
S010000	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
S010007	CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE	PTF
S010059	SNAPSHOT GENERAL SERVICES ABENDS DUE TO INCOMPATIBLE CALLS	PTF
S010071	SNAPSHOT GENERAL SERVICES RESTART CONSISTENCY CHECKS	PTF
S010173	NEW PRIMARY COMMAND TO SHOW DB2 CONTINUOUS DELIVERY LEVELS	PTF
S010174	SUPPORT OF UNLOADING ARCHIVE TABLES	PTF
S010175	SUPPORT OF UNLOADING ARCHIVE TABLES	PTF
S010200	SERVICE TO DETERMINE VOLSERS/CHECKPOINTS	PTF
S010201	SERVICE TO DETERMINE VOLSERS/CHECKPOINTS	PTF
S010236	CA UTILITY SORT V3.1.0.0 BATCH-10 INSTALL	PTF
S010243	ALTER PROCEDURE DDL HAS TYPO IN CONCURRENT ACCESS RESOLUTION	PTF
S010248	BUFFERPOOL DISPLAY DOESN'T SHOW USE OF 1M/2G PAGE FRAMES	PTF
S010250	OFS GENERATES WRONG DDL FOR LONG VARCHAR IN V12	PTF
S010268	RCQ PK-D REPORT SHOWS INCORRECT VALUES FOR PLANMGMT	PTF
S010281	ZPARM MAXRBLK SUPPORT REQUIRES UPDATES AND CORRECTIONS	PTF
S010288	SQL WITH SIMPLE COMMENTS (--) ENDS WITH SQLCODE -104	PTF
S010292	RC/MERGER EXECUTION IS FAILING WITH S106-C ABEND	PTF
S010306	MODIFY LISTS STOPPED PROCESSING IF ANY OBJECT DOESN'T EXIST	PTF
S010321	RCQ TS-D REPORT NOT DISPLAYING PAGENUM	PTF
S010323	INCORRECT END USER DATA PASSED TO RRSF DB2 CONNECTION	PTF
S010331	SPORADIC S0C1 ABEND IF TARGET IS DDL AND ONLINE REORG ACTIVE	PTF
S010347	SQL WITH SIMPLE COMMENTS (--) ENDS WITH SQLCODE -104	** PRP **
S010365	UPDATE OF URLS FOR PRF DOCUMENTATION	PTF
S010389	INVALID TCB TOKEN OF THE ENCRYPTION BUFFER STORAGE	PTF
S010390	ERROR RECONSTRUCTING ROW IMAGE FOR POINTER RECORDS	PTF
S010430	RCQ UNLOAD UTILITY MODEL MJUTLUL IS MISSING	** PRP **
S010437	ARCHIVE TABLE NOT ENABLED WHEN COLUMN DEFAULT ALTERED	PTF
S010442	S010107 CAUSES PBR RPN TO BE REGRESSED WITH SQL-ACCESS NONE	** PRP **
S010468	NUMBER OF ROWS DISPLAYED IN SCIENTIFIC FORM ON LARGE TABLES	PTF
S010469	NUMBER OF ROWS DISPLAYED IN SCIENTIFIC FORM ON LARGE TABLES	PTF
S010470	CA UTILITY SORT V3.1.0.0 BATCH-11 INSTALL	PTF
S010474	LOAD FAILS WITH LATE-TERM DISCARDS AND VERSIONED DATA	PTF
S010492	DB2 ABENDS 0C1/0C4 IN DSNB1PLK	PTF
S010505	DATA CORRUPTION IN PARTITIONED TS WITH CLUSTERING INDEX	*HIP/PRP*
S010514	S0C1 OR U0299 ABEND AFTER APPLYING S009765	** PRP **
S010521	DB2 THREAD ABENDS 0C1 IN DT\$DII	PTF
S010532	RC/Q TX REPORT ON TRIGGER ENDS WITH S0C4 REASON CODE 3B	PTF
S010538	COMMIT MAY GET ASSOCIATED TO WRONG PROGRAM UNDER DISTSERV	PTF
S010553	ABEND S0C4 RECOVER TABLESPACE AND INDEXSPACE AFTER ADD PART	PTF

The CA RS 1911 service count for this release is 46

CA DB2 Tools
CA RS 1911 Service List for CIDBK00

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FMID	Service	Description	Type
CIDBK00	S010248	BUFFERPOOL DISPLAY DOESN'T SHOW USE OF 1M/2G PAGE FRAMES	PTF
The CA RS 1911 service count for this FMID is 1			

CA DB2 Tools
CA RS 1911 Service List for CINSK00

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FMID	Service	Description	Type
CINSK00	S009797	DETECTOR EXTRACTOR SYSTEM NOT VISIBLE	PTF
	S009945	SELECTED TABLE IS LOST WHEN UPDATING MIGRATION STRATEGY	PTF
	S009976	CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE	PTF
	S009999	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	S010173	NEW PRIMARY COMMAND TO SHOW DB2 CONTINUOUS DELIVERY LEVELS	PTF
	S010174	SUPPORT OF UNLOADING ARCHIVE TABLES	PTF
	S010200	SERVICE TO DETERMINE VOLSERS/CHECKPOINTS	PTF
	S010243	ALTER PROCEDURE DDL HAS TYPO IN CONCURRENT ACCESS RESOLUTION	PTF
	S010281	ZPARM MAXRBLK SUPPORT REQUIRES UPDATES AND CORRECTIONS	PTF
	S010292	RC/MERGER EXECUTION IS FAILING WITH S106-C ABEND	PTF
	S010323	INCORRECT END USER DATA PASSED TO RRSF DB2 CONNECTION	PTF
	S010331	SPORADIC S0C1 ABEND IF TARGET IS DDL AND ONLINE REORG ACTIVE	PTF
	S010389	INVALID TCB TOKEN OF THE ENCRYPTION BUFFER STORAGE	PTF
	S010437	ARCHIVE TABLE NOT ENABLED WHEN COLUMN DEFAULT ALTERED	PTF
	S010469	NUMBER OF ROWS DISPLAYED IN SCIENTIFIC FORM ON LARGE TABLES	PTF
	S010514	S0C1 OR U0299 ABEND AFTER APPLYING S009765	** PRP **
The CA RS 1911 service count for this FMID is 16			

CA DB2 Tools
CA RS 1911 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	S010250	OFS GENERATES WRONG DDL FOR LONG VARCHAR IN V12	PTF
The CA RS 1911 service count for this FMID is 1			

CA DB2 Tools
CA RS 1911 Service List for CPDTK00

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FMID	Service	Description	Type
CPDTK00	S010492	DB2 ABENDS 0C1/0C4 IN DSNB1PLK	PTF
	S010521	DB2 THREAD ABENDS 0C1 IN DT\$DII	PTF
	S010538	COMMIT MAY GET ASSOCIATED TO WRONG PROGRAM UNDER DISTSERV	PTF
The CA RS 1911 service count for this FMID is 3			

CA DB2 Tools
CA RS 1911 Service List for CPFLK00

FMID	Service	Description	Type
CPFLK00	S009977	CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE	PTF
The CA RS 1911 service count for this FMID is 1			

CA DB2 Tools
CA RS 1911 Service List for CPFUK00

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FMID	Service	Description	Type
CPFUK00	S010175	SUPPORT OF UNLOADING ARCHIVE TABLES	PTF
	S010442	S010107 CAUSES PBR RPN TO BE REGRESSED WITH SQL-ACCESS NONE	** PRP **
The CA RS 1911 service count for this FMID is 2			

CA DB2 Tools
CA RS 1911 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	S010390	ERROR RECONSTRUCTING ROW IMAGE FOR POINTER RECORDS	PTF
The CA RS 1911 service count for this FMID is 1			

CA DB2 Tools
CA RS 1911 Service List for CPPAK00

FMID	Service	Description	Type
CPPAK00	S010000	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
The CA RS 1911 service count for this FMID is 1			

CA DB2 Tools
CA RS 1911 Service List for CPRFK00

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FMID	Service	Description	Type
CPRFK00	S010288	SQL WITH SIMPLE COMMENTS (--) ENDS WITH SQLCODE -104	PTF
	S010347	SQL WITH SIMPLE COMMENTS (--) ENDS WITH SQLCODE -104	** PRP **
	S010365	UPDATE OF URLS FOR PRF DOCUMENTATION	PTF
The CA RS 1911 service count for this FMID is 3			

CA DB2 Tools
CA RS 1911 Service List for CPRRK00

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FMID	Service	Description	Type
CPRRK00	S010007	CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE	PTF
	S010505	DATA CORRUPTION IN PARTITIONED TS WITH CLUSTERING INDEX	*HIP/PRP*
The CA RS 1911 service count for this FMID is 2			

CA DB2 Tools
CA RS 1911 Service List for CPUTK00

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FMID	Service	Description	Type
CPUTK00	S009978	CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE	PTF
	S010474	LOAD FAILS WITH LATE-TERM DISCARDS AND VERSIONED DATA	PTF
The CA RS 1911 service count for this FMID is 2			

CA DB2 Tools
CA RS 1911 Service List for CRCQK00

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FMID	Service	Description	Type
CRCQK00	S010268	RCQ PK-D REPORT SHOWS INCORRECT VALUES FOR PLANMGMT	PTF
	S010321	RCQ TS-D REPORT NOT DISPLAYING PAGENUM	PTF
	S010430	RCQ UNLOAD UTILITY MODEL MJUTLUL IS MISSING	** PRP **
	S010468	NUMBER OF ROWS DISPLAYED IN SCIENTFIC FORM ON LARGE TABLES	PTF
	S010532	RC/Q TX REPORT ON TRIGGER ENDS WITH SOC4 REASON CODE 3B	PTF
The CA RS 1911 service count for this FMID is 5			

CA DB2 Tools
CA RS 1911 Service List for CTGRK00

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FMID	Service	Description	Type
CTGRK00	S010059	SNAPSHOT GENERAL SERVICES ABENDS DUE TO INCOMPATIBLE CALLS	PTF
	S010071	SNAPSHOT GENERAL SERVICES RESTART CONSISTENCY CHECKS	PTF
The CA RS 1911 service count for this FMID is 2			

CA DB2 Tools
CA RS 1911 Service List for CUGRK00

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FMID	Service	Description	Type
CUGRK00	S009911	ACCUMULATE INDEXSPACE S0C4	PTF
	S010201	SERVICE TO DETERMINE VOLSERS/CHECKPOINTS	PTF
	S010306	MODIFY LISTS STOPPED PROCESSING IF ANY OBJECT DOESN'T EXIST	PTF
	S010553	ABEND S0C4 RECOVER TABLESPACE AND INDEXSPACE AFTER ADD PART	PTF
The CA RS 1911 service count for this FMID is 4			

CA DB2 Tools
CA RS 1911 Service List for CUTSK00

FMID	Service	Description	Type
CUTSK00	S010236	CA UTILITY SORT V3.1.0.0 BATCH-10 INSTALL	PTF
	S010470	CA UTILITY SORT V3.1.0.0 BATCH-11 INSTALL	PTF
The CA RS 1911 service count for this FMID is 2			

Service	Details
S009797	S009797 M.C.S. ENTRIES = ++PTF (S009797) DETECTOR EXTRACTOR SYSTEM NOT VISIBLE PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) data extraction into CA Mainframe Operational Intelligence may not record metrics for a DB2 subsystem. SYMPTOMS: Extraction jobs will end with RC0, but metrics will not be recorded by Mainframe Operational Intelligence. Logs for Mainframe Operational Intelligence may contain MessageParserExceptions. IMPACT: Metrics extracted from datastores into Mainframe Operational Intelligence will not be recorded. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Related Problem: PDT 1656 Copyright (C) 2019 CA. All rights reserved. R00484-D200-SP0 DESC(DETECTOR EXTRACTOR SYSTEM NOT VISIBLE). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S001396 S003959 S004129 S004455 S006113 S006863 S007807) SUP (S009261 ST09261 ST09797)

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Service	Details
S009911	S009911 M.C.S. ENTRIES = ++PTF (S009911) ACCUMULATE INDEXSPACE S0C4 PROBLEM DESCRIPTION: When CA Merge/Modify for Db2 for z/OS (PMM) executes ACCUMULATE INDEXSPACE or ACCUMULATE INDEX on an index with the page size greater than 4KB, an S0C4 ABEND may occur in module FRL@LOGB or FRL@LOGC. SYMPTOMS: ABEND S0C4 occurs in module FRL@LOGB or FRL@LOGC. IMPACT: The utility run abnormally terminates. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Utility General Recovery and PFR PMM PQC PFC Version 19.0 Utility General Recovery and PFR PMM PQC PFC Version 20.0 Related Problem: PMM 387 Copyright (C) 2019 CA. All rights reserved. R00504-D200-SP0 DESC(ACCUMULATE INDEXSPACE S0C4). ++VER (Z038) FMID (CUGRK00) PRE (R096595 R099574 S000029 S000788 S001418 S001660 S004249 S004251 S004475 S004799 S005018 S006132 S007826 S008280 S008841 S009903) SUP (ST09374 ST09911)

Service	Details
S009945	S009945 M.C.S. ENTRIES = ++PTF (S009945) SELECTED TABLE IS LOST WHEN UPDATING MIGRATION STRATEGY PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), updating a migration strategy and selecting the table from the 'Dependent Table Selection' panel will unselect the previously selected dependent tables and reset the explode option for table. SYMPTOMS: The selected table will be unselected from the 'RC/M Dependent Table Selection' panel. IMPACT: Customer will not be able to migrate the selected tables if they update the migration strategies where some tables were selected for migration. CIRCUMVENTION: Please re-select the dependent tables. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3018 Copyright (C) 2019 CA. All rights reserved. R00506-D200-SP0 DESC(SELECTED TABLE IS LOST WHEN UPDATING MIGRATION STRATEGY). ++VER (Z038) FMID (CINSK00) PRE (R097704) SUP (ST09945)

Service	Details
S009976	S009976 M.C.S. ENTRIES = ++PTF (S009976) CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE ENHANCEMENT DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) has been enhanced to support the block-level interface (BLI) of CA Utility Sort for tablespace sorting. CA Utility Sort is being developed as a new sort process for PFL and can only be enabled under the direction of CA Support. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1264 Copyright (C) 2019 CA. All rights reserved. R00510-D200-SP0 DESC(CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000785 S000978 S001396 S001655 S003959 S004129 S004455 S004718 S004794 S005011 S005199 S006113 S006497 S006608 S006638 S006863 S006978 S007169 S007379 S007807 S007940 S008377 S008434 S008662 S008804 S008825 S008832 S008847 S008859 S008869 S009022 S009105 S009205 S009426 S009761 S009785 S009860 S009999 S010041 S010046 S010162 S010174 S010200) SUP (ST09976) ++IF FMID(CPFLK00) REQ(S009977) . ++IF FMID(CPUTK00) REQ(S009978) . ++IF FMID(CPRRK00) REQ(S010007) . ++IF FMID(CUTSK00) REQ(S010236) .

Service	Details
S009977	S009977 M.C.S. ENTRIES = ++PTF (S009977) CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE ENHANCEMENT DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) has been enhanced to support the block-level interface (BLI) of CA Utility Sort for tablespace sorting. CA Utility Sort is being developed as a new sort process for PFL and can only be enabled under the direction of CA Support. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1264 Copyright (C) 2019 CA. All rights reserved. R00510-D200-SP0 DESC(CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE). ++VER (Z038) FMID (CPFLK00) PRE (R096581 R097708 R099557 S000018 S000704 S001401 S001656 S004275 S004459 S004857 S005012 S005502 S006117 S006866 S007170 S007811 S008071 S008378 S008428 S008584 S009024 S009900 S010195) SUP (ST09977 TR99436) ++IF FMID(CPUTK00) REQ(S009978) . ++IF FMID(CPRRK00) REQ(S010007) . ++IF FMID(CUTSK00) REQ(S010236) . ++IF FMID(CINSK00) REQ(S009976) . ++HOLD (S009977) SYSTEM FMID(CPFLK00) REASON (MSGSKEL) DATE (19281) COMMENT (<pre> +-----+ CA Fast Load for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).</pre>

Service	Details
S009978	S009978 M.C.S. ENTRIES = ++PTF (S009978) CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE ENHANCEMENT DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) has been enhanced to support the block-level interface (BLI) of CA Utility Sort for tablespace sorting. CA Utility Sort is being developed as a new sort process for PFL and can only be enabled under the direction of CA Support. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1264 Copyright (C) 2019 CA. All rights reserved. R00510-D200-SP0 DESC(CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE). ++VER (Z038) FMID (CPUTK00) PRE (R096590 R097717 R099566 S000024 S000787 S001411 S001659 S004469 S004798 S005016 S006127 S006610 S006874 S007172 S007820 S007894 S008072 S008380 S008429 S008586 S008732 S008803 S008861 S008871 S009027 S009765 S009902 S010038) SUP (ST08364 ST09978) ++IF FMID(CPFLK00) REQ(S009977) . ++IF FMID(CPRRK00) REQ(S010007) . ++IF FMID(CUTSK00) REQ(S010236) . ++IF FMID(CINSK00) REQ(S009976) .

Service	Details
S009999	S009999 M.C.S. ENTRIES = ++PTF (S009999) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: In CA Plan Analyzer for DB2 for z/OS (PPA), implemented future architectural infrastructure changes along with improved parameter handling and messaging for explain, batch reporting, and statistics manager (PSM) card processing. 1. For explain or batch reporting, PPA will now issue a warning message PN00033W for any new and unrecognized cards detected. This action results in cards ignored, and processing allowed to be continued i.e. NEWCARD = (NEWPARM) PN00033W: The batch card NEWCARD is not recognized. 2. For explain or batch reporting, PPA will now issue a warning message PN00041W for any new and unrecognized parameters detected within an existing card. This action results in the excess parameters ignored, and processing allowed to be continued i.e. PLANTAB = (COMMIT,NEWPARM) PN00041W: The batch card PLANTAB has detected excessive parameters supplied, the excess parameters are ignored. 3. For statistics manager, PSM will now issue a warning message PS184W for any new and unrecognized parameters detected within an existing card. The new message complements the existing behavior found in the product that ignores excessive parameters and allows processing to be continued i.e. IMPORT = (D12A,LOCAL,NEWPARM) PS184W: The batch card IMPORT has detected excessive parameters supplied, the excess parameters are ignored. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 CA SQL-Ease for DB2 for z/OS Version 20.0 Related Problem: PPADB2 1013 Copyright (C) 2019 CA. All rights reserved. R00511-D200-SP0 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000785 S000978 S001396 S001655 S003959 S004129 S004455 S004718 S004794 S005011 S005199 S006113 S006497 S006608 S006638 S006863 S006978 S007169 S007379 S007807 S007940 S008434 S008578 S008662 S008804 S008825 S008832 S008847 S008859 S008869 S009022 S009105 S009205 S009426 S009761 S009785 S009860 S010041 S010046 S010162 S010200) SUP (ST09999) ++IF FMID(CPPAK00) REQ(S010000) . ++HOLD (S009999) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (19277) 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

Service	Details
	<pre> REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+-----+-----+-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).</pre>

Service	Details																		
S010000	S010000 M.C.S. ENTRIES = ++PTF (S010000) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: In CA Plan Analyzer for DB2 for z/OS (PPA), implemented future architectural infrastructure changes along with improved parameter handling and messaging for explain, batch reporting, and statistics manager (PSM) card processing. 1. For explain or batch reporting, PPA will now issue a warning message PN00033W for any new and unrecognized cards detected. This action results in cards ignored, and processing allowed to be continued i.e. NEWCARD = (NEWPARM) PN00033W: The batch card NEWCARD is not recognized. 2. For explain or batch reporting, PPA will now issue a warning message PN00041W for any new and unrecognized parameters detected within an existing card. This action results in the excess parameters ignored, and processing allowed to be continued i.e. PLANTAB = (COMMIT,NEWPARM) PN00041W: The batch card PLANTAB has detected excessive parameters supplied, the excess parameters are ignored. 3. For statistics manager, PSM will now issue a warning message PS184W for any new and unrecognized parameters detected within an existing card. The new message complements the existing behavior found in the product that ignores excessive parameters and allows processing to be continued i.e. IMPORT = (D12A,LOCAL,NEWPARM) PS184W: The batch card IMPORT has detected excessive parameters supplied, the excess parameters are ignored. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 CA SQL-Ease for DB2 for z/OS Version 20.0 Related Problem: PPADB2 1013 Copyright (C) 2019 CA. All rights reserved. R00511-D200-SP0 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CPPAK00) PRE (R096584 R097710 R099560 S000021 S001404 S004462 S006120 S006869 S007814 S008581 S009787 S009862) SUP (ST10000) ++IF FMID(CINSK00) REQ(S009999) . ++HOLD (S010000) SYSTEM FMID(CPPAK00) REASON (MSGSKEL) DATE (19277) COMMENT (<table border="1"> <tr> <td>CA Plan Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Relink XMESSAGES</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All CA DB2 Tools Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>CA DB2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND Authority on DB2 subsystems</td></tr> </table> ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance.	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
CA Plan Analyzer for DB2 for z/OS	Version 20.0																		
SEQUENCE	After Apply																		
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USERS																			
AFFECTED	All CA DB2 Tools Users																		
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REQUIRED	CA DB2 Tools Post Install Customization.																		
ACCESS	1. CA DB2 Tools Post Install																		
REQUIRED	2. BIND Authority on DB2 subsystems																		

Service	Details
	If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).

CA DB2 Tools 20.0
CA RS 1911 - PTF SO10007 Details

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Service	Details
S010007	S010007 M.C.S. ENTRIES = ++PTF (S010007) CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE ENHANCEMENT DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) has been enhanced to support the block-level interface (BLI) of CA Utility Sort for tablespace sorting. CA Utility Sort is being developed as a new sort process for PFL and can only be enabled under the direction of CA Support. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1264 Copyright (C) 2019 CA. All rights reserved. R00510-D200-SP0 DESC(CA UTILITY SORT - TABLESPACE SORTING - BLOCK-LEVEL INTERFACE). ++VER (Z038) FMID (CPRRK00) PRE (R096588 R097715 R098968 S000023 S000786 S000846 S001409 S001658 S004467 S004797 S005015 S006125 S006609 S007818 S007893 S008379 S009026 S009599 S009901) SUP (ST10007) ++IF FMID(CPFLK00) REQ(S009977) . ++IF FMID(CPUTK00) REQ(S009978) . ++IF FMID(CUTSK00) REQ(S010236) . ++IF FMID(CINSK00) REQ(S009976) .

Service	Details												
S010059	S010059 M.C.S. ENTRIES = ++PTF (S010059) SNAPSHOT GENERAL SERVICES ABENDS DUE TO INCOMPATIBLE CALLS PROBLEM DESCRIPTION: When Snapshot General Services subsystem is initialized with a code that is not internally compatible with the copy job, the copy job will abend. SYMPTOMS: The copy job will abend with S0C6 abend with the following symptoms: CCSR010E TGA-API S0C6 at 46E4D3D5 LMOD N/A CSECT N/A +N/A SNAPSHOT N/A CCSR060I BREAKING EVENT ADDRESS: 00000000 20258242 CCSR061I PSW: 07840000 80000000 00000000 46E4D3D5 CCSR062I ILC: 02 INTERRUPT CODE: 06 CCSR067I COMPLETION CODE S0C6 REASON CODE 00000006 CCSR064I DATA AT PSW 46E4D3CF : 00000000 00000000 00000000 CCSR065I HOME = 050C PRIMARY = 050C SECONDARY = 050C CCSR070I GR00 - GR01 00000000_7F62A74C 00000000_7F62A6F0 CCSR070I GR02 - GR03 00000000_00000022 00000000_3AE34000 CCSR070I GR04 - GR05 00000000_7F62A247 00000000_7F62A960 CCSR070I GR06 - GR07 00000000_7F62A628 00000000_7F6320E0 CCSR070I GR08 - GR09 00000000_7F62A228 00000000_7F6B4338 CCSR070I GR10 - GR11 00000000_A0258000 00000000_00000000 CCSR070I GR12 - GR13 00000000_7F62A4A4 00000000_7F62A628 CCSR070I GR14 - GR15 00000000_A0258244 00000000_C6E4D3D3 CCSR071I AR00 - AR03 00000000 00000000 00000000 00000000 CCSR071I AR04 - AR07 00000000 00000000 00000000 00000000 CCSR071I AR08 - AR11 00000000 00000000 00000000 00000000 CCSR071I AR12 - AR15 00000000 00000000 00000000 00000000 or will abend with S0C4 with the following symptoms: CCSR010E TGA-API S0C4 at 00093FCA LMOD N/A CSECT N/A +N/A SNAPSHOT N/A CCSR060I BREAKING EVENT ADDRESS: 00000000 20200242 CCSR061I PSW: 07841000 80000000 00000000 00093FCA CCSR062I ILC: 04 INTERRUPT CODE: 04 CCSR067I COMPLETION CODE S0C4 REASON CODE 00000004 CCSR063I TRANSLATION EXCEPTION ADDRESS: 00000000_00000480 CCSR064I DATA AT PSW 00093FC4 : C4C24040 00000160 00000000 CCSR065I HOME = 0549 PRIMARY = 0549 SECONDARY = 0549 CCSR070I GR00 - GR01 00000000_7F54574C 00000000_7F5456F0 CCSR070I GR02 - GR03 00000000_00000022 00000000_3AE21000 CCSR070I GR04 - GR05 00000000_7F545247 00000000_7F545960 CCSR070I GR06 - GR07 00000000_7F545628 00000000_7F54D0E0 CCSR070I GR08 - GR09 00000000_7F545228 00000000_7F5F52B0 CCSR070I GR10 - GR11 00000000_A0200000 00000000_00000000 CCSR070I GR12 - GR13 00000000_7F5454A4 00000000_7F545628 CCSR070I GR14 - GR15 00000000_A0200244 00000000_00093FC0 CCSR071I AR00 - AR03 00000000 00000000 00000000 00000000 CCSR071I AR04 - AR07 00000000 00000000 00000000 00000000 CCSR071I AR08 - AR11 00000000 00000000 00000000 00000000 CCSR071I AR12 - AR15 00000000 00000000 00000000 00000000 IMPACT: Snapshot General Services will fail to perform the copy operation. CIRCUMVENTION: Use the same code level for Snapshot General Services subsystem as well as for the copy job. PRODUCT(S) AFFECTED: <table> <tr> <td>Snapshot General Services</td><td>Version 19.0</td></tr> <tr> <td>Snapshot General Services</td><td>Version 20.0</td></tr> <tr> <td>CA Quick Copy for DB2 for z/OS</td><td>Version 19.0</td></tr> <tr> <td>CA Quick Copy for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Database Copier for IMS for z/OS</td><td>Version 19.0</td></tr> <tr> <td>CA Database Copier for IMS for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: TGR 279 Copyright (C) 2019 CA. All rights reserved. R00523-D200-SP0 DESC(SNAPSHOT GENERAL SERVICES ABENDS DUE TO INCOMPATIBLE CALLS). ++VER (Z038)	Snapshot General Services	Version 19.0	Snapshot General Services	Version 20.0	CA Quick Copy for DB2 for z/OS	Version 19.0	CA Quick Copy for DB2 for z/OS	Version 20.0	CA Database Copier for IMS for z/OS	Version 19.0	CA Database Copier for IMS for z/OS	Version 20.0
Snapshot General Services	Version 19.0												
Snapshot General Services	Version 20.0												
CA Quick Copy for DB2 for z/OS	Version 19.0												
CA Quick Copy for DB2 for z/OS	Version 20.0												
CA Database Copier for IMS for z/OS	Version 19.0												
CA Database Copier for IMS for z/OS	Version 20.0												

Service	Details
	<pre> FMID (CTGRK00) PRE (S000028 S003676 S007825) SUP (ST10059) ++HOLD (S010059) SYSTEM FMID(CTGRK00) REASON (ACTION) DATE (19274) COMMENT (+-----+ CA DBM Solutions Snapshot General Services Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Reinitialize Snapshot General Services +-----+-----+ USERS DB2 and IMS users of Snapshot General Services AFFECTED +-----+-----+ KNOWLEDGE * CA Database Management Solutions for DB2 for z/OS REQUIRED Installation and Maintenance procedures * CA Database Management Solutions for IMS for z/OS Installation and Maintenance procedures +-----+-----+ ACCESS Product runtime libraries REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Submit a job that invokes the TG10INIT program to reload all updated Snapshot General Services program modules.).</pre>

Service	Details
S010071	S010071 M.C.S. ENTRIES = ++PTF (S010071) SNAPSHOT GENERAL SERVICES RESTART CONSISTENCY CHECKS ENHANCEMENT DESCRIPTION: This enhancement implements Checkpoint versioning and additional checks for Snapshot General Services (TGR) component in the CA Database Management Solutions for DB2 for z/OS and CA Database Management Solutions for IMS. The enhancement will prevent a restart of failed a copy job with incompatible Checkpoint. When the restart of copy job is not possible, the following messages will be displayed in the PTIMSG or PTIIMSG job output and job terminates with non zero return code: TGRRST001I Checkpoint timestamp: X'D6A20C621FFD4D91', TGRRST001I Date: 08/27/2019, Time: 03:01:32, Version: 0 TGRRST006E Restart failed: Checkpoint buffer version mismatch TGRRST006E Supported version: 1 ... PQC0301E SNAPSHOT RESTART FUNCTION HAS FAILED: RC= 4 RS= 26 PRODUCT(S) AFFECTED: Snapshot General Services Version 20.0 CA Quick Copy for DB2 for z/OS Version 20.0 CA Database Copier for IMS for z/OS Version 20.0 Related Problem: TGR 280 Copyright (C) 2019 CA. All rights reserved. R00527-D200-SP0 DESC(SNAPSHOT GENERAL SERVICES RESTART CONSISTENCY CHECKS). ++VER (Z038) FMID (CTGRK00) PRE (R099573 S000028 S001417 S003676 S004474 S005017 S007825 S009423) SUP (ST10071) ++HOLD (S010071) SYSTEM FMID(CTGRK00) REASON (ACTION) DATE (19280) COMMENT (CA DBM Solutions Snapshot General Services Version 20.0 SEQUENCE After Apply PURPOSE Reinitialize Snapshot General Services USERS DB2 and IMS users of Snapshot General Services AFFECTED KNOWLEDGE * CA Database Management Solutions for DB2 for z/OS REQUIRED Installation and Maintenance procedures * CA Database Management Solutions for IMS for z/OS Installation and Maintenance procedures ACCESS Product runtime libraries REQUIRED ***** * STEPS TO PERFORM * ***** 1. Submit a job that invokes the TG10INIT program to reload all updated Snapshot General Services program modules.). ++HOLD (S010071) SYSTEM FMID(CTGRK00) REASON (MSGSKEL) DATE (19280) COMMENT (CA DBM Solutions Snapshot General Service Version 20.0

Service	Details
	<pre> +-----+-----+ 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
S010173	S010173 M.C.S. ENTRIES = ++PTF (S010173) NEW PRIMARY COMMAND TO SHOW DB2 CONTINUOUS DELIVERY LEVELS ENHANCEMENT DESCRIPTION: This enhancement of CA Database Management Solutions for DB2 for z/OS introduces a new primary command DB2L to display DB2 12 continuous delivery levels (Catalog and Function) of a DB2 subsystem. In addition, it also shows the SSIDVERC/SSIDVERF or SSIDVER/SSIDMODE values as defined in the SETUPxx global parmlib member. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 1401 Copyright (C) 2019 CA. All rights reserved. R00537-D200-SP0 DESC(NEW PRIMARY COMMAND TO SHOW DB2 CONTINUOUS DELIVERY LEVELS). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000785 S000978 S001396 S001655 S003959 S004129 S004455 S004718 S004794 S005011 S005199 S006113 S006497 S006608 S006638 S006863 S006978 S007169 S007379 S007807 S007940 S008434 S008662 S008804 S008825 S008832 S008847 S008859 S008869 S009022 S009105 S009205 S009426 S009761 S009785 S009860 S009976 S009999 S010004 S010041 S010046 S010162 S010174 S010200) SUP (ST10173) ++HOLD (S010173) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (19284) COMMENT (<pre> +-----+ 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
S010174	S010174 M.C.S. ENTRIES = ++PTF (S010174) SUPPORT OF UNLOADING ARCHIVE TABLES ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) has been enhanced to support native unloading (SQL-ACCESS NONE or EXTENSION) from archive tables. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1089 Copyright (C) 2019 CA. All rights reserved. R00538-D200-SP0 DESC(SUPPORT OF UNLOADING ARCHIVE TABLES). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000785 S000978 S001396 S001655 S003959 S004129 S004455 S004718 S004794 S005011 S005199 S006113 S006497 S006608 S006638 S006863 S006978 S007169 S007379 S007807 S007940 S008434 S008662 S008804 S008825 S008832 S008847 S008859 S008869 S009022 S009105 S009205 S009426 S009761 S009785 S009860 S009999 S010041 S010046 S010162 S010200) SUP (ST10083 ST10174) ++IF FMID(CPFUK00) REQ(S010175) .

Service	Details
S010175	S010175 M.C.S. ENTRIES = ++PTF (S010175) SUPPORT OF UNLOADING ARCHIVE TABLES ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) has been enhanced to support native unloading (SQL-ACCESS NONE or EXTENSION) from archive tables. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1089 Copyright (C) 2019 CA. All rights reserved. R00538-D200-SP0 DESC(SUPPORT OF UNLOADING ARCHIVE TABLES). ++VER (Z038) FMID (CPFUK00) PRE (R096582 R099558 S000019 S001402 S001657 S001818 S004460 S005013 S005503 S006118 S006867 S007171 S007381 S007812 S008860 S009025 S009107 S009764 S010043) SUP (AS10023 S008352 S010023 S010107 ST08352 ST10023 ST10084 ST10106 ST10107 ST10175) ++IF FMID(CINSK00) REQ(S010174) .

Service	Details
S010200	S010200 M.C.S. ENTRIES = ++PTF (S010200) The following items are included in this solution: - SERVICE TO DETERMINE VOLSERS/CHECKPOINTS - ALLOW TO UPDATE DSVOLSER WITH CHECKPOINT INFORMATION ===== SERVICE TO DETERMINE VOLSERS/CHECKPOINTS Introduced a new service to differentiate VOLSER and CHECKPOINT information in DSVOLSER column of table SYSIBM.SYSCOPY. ENHANCEMENT DESCRIPTION: PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 466 ===== ALLOW TO UPDATE DSVOLSER WITH CHECKPOINT INFORMATION ENHANCEMENT DESCRIPTION: Updated CA MERGE/MODIFY FOR DB2 FOR Z/OS 20 to allow updating SYSIBM.SYSCOPY DSVOLSER column with CHECKPOINT information. PRODUCT(S) AFFECTED: CA MERGE/MODIFY for DB2 for z/OS (PMM) Release 20.020.0 Related Problem: PMM 388 Copyright (C) 2019 CA. All rights reserved. R00542-D200-SP0 DESC(SERVICE TO DETERMINE VOLSERS/CHECKPOINTS). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000785 S000978 S001396 S001655 S003959 S004129 S004250 S004455 S004718 S004794 S005011 S005199 S006113 S006497 S006608 S006638 S006863 S006978 S007169 S007379 S007807 S007940 S008434 S008662 S008804 S008825 S008832 S008847 S008859 S008869 S009022 S009105 S009183 S009205 S009426 S009761 S009785 S009860 S010004 S010041 S010046 S010162) SUP (ST10177 ST10200) ++IF FMID(CUGRK00) REQ(S010201) .

Service	Details
S010201	S010201 M.C.S. ENTRIES = ++PTF (S010201) The following items are included in this solution: - SERVICE TO DETERMINE VOLSERS/CHECKPOINTS - ALLOW TO UPDATE DSVOLSER WITH CHECKPOINT INFORMATION ===== SERVICE TO DETERMINE VOLSERS/CHECKPOINTS Introduced a new service to differentiate VOLSER and CHECKPOINT information in DSVOLSER column of table SYSIBM.SYSCOPY. ENHANCEMENT DESCRIPTION: PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 466 ===== ALLOW TO UPDATE DSVOLSER WITH CHECKPOINT INFORMATION ENHANCEMENT DESCRIPTION: Updated CA MERGE/MODIFY FOR DB2 FOR Z/OS 20 to allow updating SYSIBM.SYSCOPY DSVOLSER column with CHECKPOINT information. PRODUCT(S) AFFECTED: CA MERGE/MODIFY for DB2 for z/OS (PMM) Release 20.020.0 Related Problem: PMM 388 Copyright (C) 2019 CA. All rights reserved. R00542-D200-SP0 DESC(SERVICE TO DETERMINE VOLSERS/CHECKPOINTS). ++VER (Z038) FMID (CUGRK00) PRE (R096595 R097722 R099574 S000029 S000788 S001418 S001660 S003677 S004251 S004475 S004799 S005018 S006132 S006879 S007173 S007826 S007905 S008280 S008466 S008833 S008841 S009028 S009595 S009742 S009748 S009766 S009867 S009903 S009974 S010044) SUP (ST10176 ST10201) ++IF FMID(CINSK00) REQ(S010200) . ++HOLD (S010201) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (19276) COMMENT (<pre> +-----+ 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 +-----+-----+ ***** * 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>

CA DB2 Tools 20.0
CA RS 1911 - PTF S010236 Details

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Service	Details
S010236	S010236 M.C.S. ENTRIES = ++PTF (S010236) CA UTILITY SORT V3.1.0.0 BATCH-10 INSTALL ENHANCEMENT DESCRIPTION: This PTF is an infrastructure prerequisite for CA Utility Sort, and installs BATCH 10 of the CAUTIL SORT API for CA Utilities for DB2 for z/OS products. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 1407 Copyright (C) 2019 CA. All rights reserved. R00543-D200-SP0 DESC(CA UTILITY SORT V3.1.0.0 BATCH-10 INSTALL). ++VER (Z038) FMID (CUTSK00) PRE (R095918 R095972 R096005 R096401 R098970 S000848 S006611 S007927 S009590) SUP (ST10236)

Service	Details
S010243	S010243 M.C.S. ENTRIES = ++PTF (S010243) ALTER PROCEDURE DDL HAS TYPO IN CONCURRENT ACCESS RESOLUTION PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 z/OS (RCM), the alter procedure DDL generated will have a typo when generating CONCURRENT ACCESS RESOLUTION if it uses CURRENTLY COMMITTED. The generated DDL will have COMMITTED as COMMITTED. SYMPTOMS: CONCURRENT ACCESS RESOLUTION USE CURRENTLY COMMITTED(should be COMMITTED) ----- IMPACT: The execution of the DDL will fail with sqlcode -104. CIRCUMVENTION: Edit the script and change COMMITTED to COMMITTED before executing the script. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3024 Copyright (C) 2019 CA. All rights reserved. R00545-D200-SP0 DESC(ALTER PROCEDURE DDL HAS TYPO IN CONCURRENT ACCESS RESOLUTION). ++VER (Z038) FMID (CINSK00) PRE (R099553) SUP (ST10243)

Service	Details
S010248	S010248 M.C.S. ENTRIES = ++PTF (S010248) BUFFERPOOL DISPLAY DOESN'T SHOW USE OF 1M/2G PAGE FRAMES PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) does not show the correct number of pages allocated in 4K/1M/2G page frames in Db2 12. SYMPTOMS: Number of 1M/2G page frames is zero even if a buffer pool has pages allocated in those frame: Pool 4K Page 1M Page 2G Page Pool Size Frames Frames Frames BP16K2 17 17 0 0 IMPACT: Possible mistakes when analysing buffer pool allocations. CIRCUMVENTION: Use Db2 command "-DISPLAY BUFFERPOOL(bpname)" to see the correct buffer pool allocation of 4K/1M/2G PAGE FRAMES. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 19.0 CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2429 Copyright (C) 2019 CA. All rights reserved. R00546-D200-SP0 DESC(BUFFERPOOL DISPLAY DOESN'T SHOW USE OF 1M/2G PAGE FRAMES). ++VER (Z038) FMID (CIDBK00) PRE (R096575 S001395 S006112 S006862 S010160) SUP (ST10248)

Service	Details
S010250	S010250 M.C.S. ENTRIES = ++PTF (S010250) OFS GENERATES WRONG DDL FOR LONG VARCHAR IN V12 PROBLEM DESCRIPTION: In CA RC/Merger(RMM) component of CA RC/Migrator for DB2 for z/OS (RCM), invalid DDL is generated in the move analysis output of table objects in Db2 V12. SYMPTOMS: VARCHAR clause is missing for LONG VARCHAR type of a column. IMPACT: DDL is not executable. CIRCUMVENTION: Edit the analysis output manually and append the missing information. PRODUCTS EFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: OFS 692 Copyright (C) 2019 CA. All rights reserved. R00547-D200-SP0 DESC(OFS GENERATES WRONG DDL FOR LONG VARCHAR IN V12). ++VER (Z038) FMID (COFSK00) PRE (R096577 R099554 S001397 S006114 S007380 S007808) SUP (ST10250)

Service	Details
S010268	S010268 M.C.S. ENTRIES = ++PTF (S010268) RCQ PK-D REPORT SHOWS INCORRECT VALUES FOR PLANMGMT PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the PK-D(Package detail) report shows incorrect values for PLANMGMT. SYMPTOMS: The PK-D report shows PLANMGMT value as 'OFF' though catalog value not blank. IMPACT: Incorrect value is shown. CIRCUMVENTION: User can use PK-L report for the correct value. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Related Problem: RCQ 1546 Copyright (C) 2019 CA. All rights reserved. R00548-D200-SP0 DESC(RCQ PK-D REPORT SHOWS INCORRECT VALUES FOR PLANMGMT). ++VER (Z038) FMID (CRCQK00) PRE (R096593 R099569 S001414 S006128) SUP (ST10268)

Version 20.0

Service	Details																							
S010281	S010281 M.C.S. ENTRIES = ++PTF (S010281) ZPARM MAXRBLK SUPPORT REQUIRES UPDATES AND CORRECTIONS PROBLEM DESCRIPTION: CA Thread Termination/Dynamic ZPARM for DB2 for z/OS (PTT) accepts invalid high values for the "Max RID pool (in 32K blocks)" field under PTT main menu option U.15. The maximum value for ZPARM MAXRBLK is 2,000,000 (KB). Since PTT accepts the number of 32K blocks, the maximum value accepted by PTT should be 62,500, not 312,500. In addition, the description for ZPARM MAXRBLK under PTT main menu option VZ has caused some confusion. The description does not make it clear that the value displayed is the value of ZPARM MAXRBLK divided by 32. SYMPTOMS: A value larger than than 62,500 can be entered in the "Max RID pool (in 32K blocks)" field under PTT main menu option U.15. The description for keyword MAXRBLK under PTT main menu option VZ reads "Max 32K RID blocks allowed." IMPACT: Setting a value larger than 62,500 in the "Max RID pool (in 32K blocks)" field under PTT main menu option U.15 may not yield the expected DB2 behavior. The description for keyword MAXRBLK under PTT main menu option VZ may cause confusion. CIRCUMVENTION: Do not enter a value larger than 62,500 in the "Max RID pool (in 32K blocks)" field under PTT main menu option U.15. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 19.0 CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PTT 357 Copyright (C) 2019 CA. All rights reserved. R00550-D200-SP0 DESC(ZPARM MAXRBLK SUPPORT REQUIRES UPDATES AND CORRECTIONS). ++VER (Z038) FMID (CINSK00) PRE (S001665 S004455 S006113 S006863 S010069) SUP (ST10281) ++HOLD (S010281) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (19282) COMMENT (<table><tr><td colspan="2">CA DBM Solutions for DB2 for z/OS Base In</td><td>Version 20.0</td></tr></table> <table><tr><td>SEQUENCE</td><td>Before Apply</td></tr></table> <table><tr><td>PURPOSE</td><td>Avoidance of module mismatch related errors in an Xmanager</td></tr></table> <table><tr><td>USERS</td><td>Collections of DB2 statistics via Detector or Subsystem</td></tr><tr><td>AFFECTED</td><td>Analyzer.</td></tr><tr><td></td><td>DB2 subsystems that have active collections.</td></tr></table> <table><tr><td>KNOWLEDGE</td><td>1. SMP/E</td></tr><tr><td>REQUIRED</td><td>2. z/OS System Programming</td></tr><tr><td></td><td>3. CA DB2 Tools Installation and Maintenance procedures.</td></tr></table> <table><tr><td>ACCESS</td><td>1. Product runtime libraries.</td></tr><tr><td>REQUIRED</td><td></td></tr></table> ***** * STEPS TO PERFORM * ***** To implement the PTF:	CA DBM Solutions for DB2 for z/OS Base In		Version 20.0	SEQUENCE	Before Apply	PURPOSE	Avoidance of module mismatch related errors in an Xmanager	USERS	Collections of DB2 statistics via Detector or Subsystem	AFFECTED	Analyzer.		DB2 subsystems that have active collections.	KNOWLEDGE	1. SMP/E	REQUIRED	2. z/OS System Programming		3. CA DB2 Tools Installation and Maintenance procedures.	ACCESS	1. Product runtime libraries.	REQUIRED	
CA DBM Solutions for DB2 for z/OS Base In		Version 20.0																						
SEQUENCE	Before Apply																							
PURPOSE	Avoidance of module mismatch related errors in an Xmanager																							
USERS	Collections of DB2 statistics via Detector or Subsystem																							
AFFECTED	Analyzer.																							
	DB2 subsystems that have active collections.																							
KNOWLEDGE	1. SMP/E																							
REQUIRED	2. z/OS System Programming																							
	3. CA DB2 Tools Installation and Maintenance procedures.																							
ACCESS	1. Product runtime libraries.																							
REQUIRED																								

Service	Details
	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
S010288	S010288 M.C.S. ENTRIES = ++PTF (S010288) SQL WITH SIMPLE COMMENTS (--) ENDS WITH SQLCODE -104 PROBLEM DESCRIPTION: CA Report Facility (BIPRF) for IMS incorrectly processes SQL queries that contain simple comments (-- my comment). SYMPTOMS: CA Report Facility displays SQLCODE -104. IMPACT: The query cannot be run. CIRCUMVENTION: Use bracketed comments instead of simple comments. PRODUCT(S) AFFECTED: Report Facility Related Problem: BIPRF 715 Copyright (C) 2019 CA. All rights reserved. R00551-D200-SP0 DESC(SQL WITH SIMPLE COMMENTS (--) ENDS WITH SQLCODE -104). ++VER (Z038) FMID (CPRFK00) PRE (R097712 R099195 R099562 S001406 S004464 S006443) SUP (ST10288) ++IF FMID(CPRFK01) REQ(S010289) . ++IF FMID(CPRFK02) REQ(S010290) .

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Service	Details						
S010292	S010292 M.C.S. ENTRIES = ++PTF (S010292) RC/MERGER EXECUTION IS FAILING WITH S106-C ABEND PROBLEM DESCRIPTION: When the input data is more than 1MB size, execution fails with a S106 in the RC/Merger component of CA RC/Migrator for DB2 for z/OS (RCM). SYMPTOMS: Execution fails with the following error message: RCM0216E - MODULE RML#DBTB COULD NOT BE LOADED FROM THE CA-DB2 LOAD LIBRARY. CODE= 00000106 REASON= 0000000C IMPACT: Merger analysis cannot be executed successfully. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table><tr><td>CA RC/Migrator for DB2 for z/OS</td><td>Version</td><td>19.0</td></tr><tr><td>CA RC/Migrator for DB2 for z/OS</td><td>Version</td><td>20.0</td></tr></table> Related Problem: RMM 248 Copyright (C) 2019 CA. All rights reserved. R00552-D200-SP0 DESC(RC/MERGER EXECUTION IS FAILING WITH S106-C ABEND). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S004718 S004855 S006638 S007379 S007807 S007955 S008128 S009105) SUP (ST10292)	CA RC/Migrator for DB2 for z/OS	Version	19.0	CA RC/Migrator for DB2 for z/OS	Version	20.0
CA RC/Migrator for DB2 for z/OS	Version	19.0					
CA RC/Migrator for DB2 for z/OS	Version	20.0					

Service	Details
S010306	S010306 M.C.S. ENTRIES = ++PTF (S010306) MODIFY LISTS STOPPED PROCESSING IF ANY OBJECT DOESN'T EXIST PROBLEM DESCRIPTION: CA Merge/Modify (PMM) is not able to process list of all objects from LISTDEF when MODIFY RECOVERY LIST with KEEP option is used and terminates processing when it finds no matching row for any object in the list. SYMPTOMS: Job ends with RC=4 and displaying below message without processing all objects from LISTDEF. PMM0215W - NO MATCHING ROWS FOUND TO DELETE IMPACT: The utility run terminates incorrectly. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA MERGE/MODIFY for DB2 for z/OS (PMM) Release 19.0 CA MERGE/MODIFY for DB2 for z/OS (PMM) Release 20.0 Related Problem: PMM 392 Copyright (C) 2019 CA. All rights reserved. R00553-D200-SP0 DESC(MODIFY LISTS STOPPED PROCESSING IF ANY OBJECT DOESN'T EXIST). ++VER (Z038) FMID (CUGRK00) PRE (R099574 S000029 S001418 S001660 S009748 S010201) SUP (ST10306) ++HOLD (S010306) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (19284) COMMENT (<pre> +-----+ 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 +-----+ ***** * 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
S010321	S010321 M.C.S. ENTRIES = ++PTF (S010321) RCQ TS-D REPORT NOT DISPLAYING PAGENUM PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the TS-D report is missing several Db2 12 fields including PAGENUM. SYMPTOMS: From the RC/Query Main Menu, select the TS-D report. Scroll down to view all fields of the Detail report. The newly added columns in Db2 12 catalog are missing. IMPACT: The values for the newly added Db2 12 fields are not accessible through the RCQ TS-D report. CIRCUMVENTION: PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1392 Copyright (C) 2019 CA. All rights reserved. R00554-D200-SP0 DESC(RCQ TS-D REPORT NOT DISPLAYING PAGENUM). ++VER (Z038) FMID (CRCQK00) PRE (R099569 S001414 S004471 S006875 S007822 S009129) SUP (ST10321) ++HOLD (S010321) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (19288) COMMENT (<pre> +-----+ CA RC/Query 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>

Service	Details								
S010323	S010323 M.C.S. ENTRIES = ++PTF (S010323) INCORRECT END USER DATA PASSED TO RRSF DB2 CONNECTION PROBLEM DESCRIPTION: CA Database Management Solutions for DB2 for z/OS may pass invalid end user data when the RRSF connection service is used. Affected values are: - User ID of the client end user - Application or transaction name of the end user's application - Workstation name of the client end user SYMPTOMS: Applications, that can display DB2 transactions, such as CA SYSVIEW Performance Management Option for DB2 for z/OS, may display random binary text in the end user transaction data for RRSF connections. IMPACT: The user may not see the correct end user data for the DB2 transaction. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>CA Database Management Solutions for DB2 for z/OS</td><td>Version 19.0</td></tr> <tr> <td>CA Database Management Solutions for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA SYSVIEW Performance Management Option for DB2 for z/OS</td><td>Version 19.0</td></tr> <tr> <td>CA SYSVIEW Performance Management Option for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: GEN 1380 Copyright (C) 2019 CA. All rights reserved. R00555-D200-SP0 DESC(INCORRECT END USER DATA PASSED TO RRSF DB2 CONNECTION). ++VER (Z038) FMID (CINSK00) PRE (R099553 S004455 S009205) SUP (ST10323) ++HOLD (S010323) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (19295) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between </pre>	CA Database Management Solutions for DB2 for z/OS	Version 19.0	CA Database Management Solutions for DB2 for z/OS	Version 20.0	CA SYSVIEW Performance Management Option for DB2 for z/OS	Version 19.0	CA SYSVIEW Performance Management Option for DB2 for z/OS	Version 20.0
CA Database Management Solutions for DB2 for z/OS	Version 19.0								
CA Database Management Solutions for DB2 for z/OS	Version 20.0								
CA SYSVIEW Performance Management Option for DB2 for z/OS	Version 19.0								
CA SYSVIEW Performance Management Option for DB2 for z/OS	Version 20.0								

Service	Details
	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
S010331	S010331 M.C.S. ENTRIES = ++PTF (S010331) SPORADIC S0C1 ABEND IF TARGET IS DDL AND ONLINE REORG ACTIVE PROBLEM DESCRIPTION: CA RC/Compare for DB2 for z/OS (RCC) may sporadically end with a S0C1 abend if the target is DDL and the online reorg is requested. SYMPTOMS: SYSTEM COMPLETION CODE=0C1 REASON CODE=00000001 TIME=04.57.04 SEQ=43064 CPU=0000 ASID=0320 PSW AT TIME OF ERROR 078D2000 CA54535C ILC 2 INTC 01 ACTIVE MODULE ADDRESS=00000000_4A545000 OFFSET=0000035C NAME=CSLIEERR DATA AT PSW 4A545356 - 41202006 00DEAD01 00D5D6E3 IMPACT: Customer will may not be able to analyze the strategy. CIRCUMVENTION: Do not request online reorg. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCC 728 Copyright (C) 2019 CA. All rights reserved. R00556-D200-SP0 DESC(SPORADIC S0C1 ABEND IF TARGET IS DDL AND ONLINE REORG ACTIVE). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S001396 S004718 S006113 S006638 S007379 S007807 S008957 S009105) SUP (S009126 ST08916 ST09126 ST10331)

Service	Details
S010347	S010347 M.C.S. ENTRIES = ++PTF (S010347) SQL WITH SIMPLE COMMENTS (--) ENDS WITH SQLCODE -104 PROBLEM DESCRIPTION: CA Report Facility (BIPRF) for IMS incorrectly processes SQL queries that contain simple comments (-- my comment). SYMPTOMS: CA Report Facility displays SQLCODE -104. IMPACT: The query cannot be run. CIRCUMVENTION: Use bracketed comments instead of simple comments. PRODUCT(S) AFFECTED: Report Facility Related Problem: BIPRF 717 Copyright (C) 2019 CA. All rights reserved. R00557-D200-SP0 DESC(SQL WITH SIMPLE COMMENTS (--) ENDS WITH SQLCODE -104). ++VER (Z038) FMID (CPRFK00) PRE (R097712 R098496 R099195 R099562 S001406 S004464 S006443 S010288) SUP (AS10288 ST10347) ++IF FMID(CPRFK01) REQ(S010348) . ++IF FMID(CPRFK02) REQ(S010349) .

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Service	Details
S010365	S010365 M.C.S. ENTRIES = ++PTF (S010365) UPDATE OF URLS FOR PRF DOCUMENTATION PROBLEM DESCRIPTION: Three PRF English screens (PRFE0900, PRFE0902, PRFE0932) and three French-Canadian screens (PRFF0900, PRFF0902, PRFF0932) contain outdated URLs to PRF help pages. The previous link to the product documentation: https://docops.ca.com/ca-report-facility/20/en requires updating to use a shorter URL. It has been changed to: https://docops.ca.com/db2report ENHANCEMENT DESCRIPTION: PRODUCT(S) AFFECTED: Report Facility Version 20.0 Related Problem: BIPRF 716 Copyright (C) 2019 CA. All rights reserved. R00558-D200-SP0 DESC(UPDATE OF URLS FOR PRF DOCUMENTATION). ++VER (Z038) FMID (CPRFK00) PRE (R096585 R097712 R098496 R099195 R099562 S001406 S004464 S006122 S006870 S007815 S009864) SUP (ST10365) ++HOLD (S010365) SYSTEM FMID(CPRFK00) REASON (ACTION) DATE (19284) COMMENT (<pre> +-----+ CA Report Facility for TSO Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Implement screen changes +-----+-----+ USERS AFFECTED CA Report Facility Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. Update Access to target libraries +-----+-----+ ***** * STEPS TO PERFORM * ***** This PTF contains CA Report Facility Screen changes. 1. Please repro the SCREEN members into the appropriate screens VSAM file(s) using the installation customization steps for CA Report Facility.).</pre>

Service	Details
S010389	S010389 M.C.S. ENTRIES = ++PTF (S010389) INVALID TCB TOKEN OF THE ENCRYPTION BUFFER STORAGE PROBLEM DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) fails to process a segmented (non-UTS) table space consisting of multiple encrypted and unencrypted data sets. SYMPTOMS: - Job finishes with SDC2-4Aabend and CC 8. - The following symptom dump can be found in the JESMSG LG DD: IEA995I SYMPTOM DUMP OUTPUT 259 SYSTEM COMPLETION CODE=DC2 REASON CODE=4A004A21 TIME=hh.mm.ss SEQ=48001 CPU=4008 ASID=0067 PSW AT TIME OF ERROR 070C5000 81915256 ILC 2 INTC 0D NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 01915250 - 00181610 0A0DB24D 001CE31D AR/GR 0: 00000000/00000000_84000000 1: 00000000/00000000_84DC2000 2: 00000000/00000000_00000000 3: 00000000/00000000_00000000 4: 00000000/00000000_08EE3000 5: 00000000/00000000_78590005 6: 00000000/00000000_04BAC000 7: 00000000/00000000_78580004 8: 00000000/00000000_00000000 9: 00000000/00000000_08EE3C30 A: 00000000/00000000_00000000 B: FFFFFFFF/FFFFFFF_00000000 C: 00000000/00000000_019166E8 D: 00000000/00000000_08EE5178 E: 00000000/00000000_08EE5000 F: 00000000/00000000_4A004A21 END OF SYMPTOM DUMP IMPACT: Processing fails. CIRCUMVENTION: Use "ZIIP_ENABLE (NO)". PRODUCT(S) AFFECTED: CA Database Analyzer for DB2 for z/OS CA Database Analyzer for DB2 for z/OS Related Problem: GEN 1402 Copyright (C) 2019 CA. All rights reserved. R00560-D200-SP0 DESC(INVALID TCB TOKEN OF THE ENCRYPTION BUFFER STORAGE). ++VER (Z038) FMID (CINSK00) PRE (S000016 S004250 S004455 S005011 S006863 S007807 S008313 S008406) SUP (ST10389)

Version 19.0

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Service	Details
SO10390	SO10390 M.C.S. ENTRIES = ++PTF (SO10390) ERROR RECONSTRUCTING ROW IMAGE FOR POINTER RECORDS PROBLEM DESCRIPTION: 1) CA Log Analyzer for DB2 for z/OS (PLA) may fail to reconstruct an image of an update record, if an image is incomplete in the log record. 2) PLA may not successfully detect a sort package, if CDE extension is missing for the sort installation. SYMPTOMS: 1) LAE0306E message appears in the job output. 2) LAE0282I message present in the job output indicates UNKNOWN sort package. IMPACT: 1) Affected update log records are not reconstructed and depending on the output format they are discarded or reported incomplete or in hex format. 2) Sort call parameters may be suboptimal and thus PLA performance degraded. CIRCUMVENTION: 1) None. If DSN1LOGP was run for RBA/LRSN mentioned in message LAE0306E and the log record immediately following it within a unit of recovery is of subtype 0013 (POINTER RECORD IDENTIFICATION), such update can be ignored since it contains no data. 2) Possible ways to force sort detection are listed in the documentation for LAE0282I message. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Release 20.0 Related Problem: PLA 1285 Copyright (C) 2019 CA. All rights reserved. R00561-D200-SP0 DESC(ERROR RECONSTRUCTING ROW IMAGE FOR POINTER RECORDS). ++VER (Z038) FMID (CPLAK00) PRE (R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S004795 S006119 S007813 S008008 S008802 S008870 S009133 S009252 S009333) SUP (ST10390)

Service	Details
S010430	S010430 M.C.S. ENTRIES = ++PTF (S010430) RCQ UNLOAD UTILITY MODEL MJUTLUL IS MISSING PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), UNLOAD utility generation on table fails with error PT304E. MJUTLUL utility model is missing. SYMPTOMS: UNLOAD utility generation fails with following message. PT304E: THE INPUT MEMBER SPECIFIED DOES NOT EXISTS IMPACT: User cannot generate UNLOAD utilities. CIRCUMVENTION: None. PRODUCTS AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1601 Copyright (C) 2019 CA. All rights reserved. R00566-D200-SP0 DESC(RCQ UNLOAD UTILITY MODEL MJUTLUL IS MISSING). ++VER (Z038) FMID (CRCQK00) PRE (S010163) SUP (AS10163 ST10430)

Service	Details
S010437	S010437 M.C.S. ENTRIES = ++PTF (S010437) ARCHIVE TABLE NOT ENABLED WHEN COLUMN DEFAULT ALTERED PROBLEM DESCRIPTION: When using RC/Migrator for DB2 for z/OS (RCM) to alter the default of a column of a base table which has an associated archive table, the analysis correctly generates DDL to DISABLE the archive and an alter DDL to alter the column default of the base table. However, the analysis does not generate DDL to ENABLE the archive table. SYMPTOMS: The Alter table DDL to ENABLE the archive table is missing from the generated script. IMPACT: The association between base and archive table will be lost. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3026 Copyright (C) 2019 CA. All rights reserved. R00567-D200-SP0 DESC(ARCHIVE TABLE NOT ENABLED WHEN COLUMN DEFAULT ALTERED). ++VER (Z038) FMID (CINSK00) PRE (S001396 S004455 S004718 S007379 S009105) SUP (ST10437)

Service	Details
S010442	S010442 M.C.S. ENTRIES = ++PTF (S010442) S010107 CAUSES PBR RPN TO BE REGRESSED WITH SQL-ACCESS NONE PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) does not unload data natively from PBR objects that use relative page numbering (PBR RPN). This occurs after PTF S010107 is applied. SYMPTOMS: The following messages are printed in PFU when run against a PBR RPN object: 1. When SQL-ACCESS NONE is specified: PFU0129I -- IS AN UNSUPPORTED OBJECT A1 PFU0133E -- THIS REQUIRES SQL ACCESS WHICH WAS NOT SPECIFIED 2. When SQL-ACCESS EXTENSION is specified: PFU0129I -- IS AN UNSUPPORTED OBJECT A1 PFU0130I -- THIS REQUIRES SQL ACCESS WHICH WILL BE USED IMPACT: PFU is unable to unload PBR RPN natively, and fails with RC=8 or uses the SQL access specified by the SQL-ACCESS keyword. CIRCUMVENTION: Specify SQL-ACCESS ONLY or EXTENSION to complete the unload. Note: SQL-ACCESS NONE can provide the best performance compared to other SQL-ACCESS methods. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1093 Copyright (C) 2019 CA. All rights reserved. R00568-D200-SP0 DESC(S010107 CAUSES PBR RPN TO BE REGRESSED WITH SQL-ACCESS NONE). ++VER (Z038) FMID (CPFUK00) PRE (R096582 S000019 S001818 S006118 S008860 S010175) SUP (AS10023 AS10175 S008352 S010023 S010107 ST08352 ST10023 ST10106 ST10107 ST10442)

Service	Details
S010468	S010468 M.C.S. ENTRIES = ++PTF (S010468) NUMBER OF ROWS DISPLAYED IN SCIENTIFIC FORM ON LARGE TABLES PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the NUMBER OF COLUMNS field in T-L and T-D reports displays values in scientific notation. SYMPTOMS: From the RC/Query Main Menu, select the T-L or the T-D report. Select a table with more than 2,147,483,647 rows. The value in the NUMBER OF ROWS field will be displayed in the exponential format and not in standard numeric format. IMPACT: NUMBER OF ROWS value is not properly displayed for large numbers. CIRCUMVENTION: PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1537 Copyright (C) 2019 CA. All rights reserved. R00569-D200-SP0 DESC(NUMBER OF ROWS DISPLAYED IN SCIENTIFIC FORM ON LARGE TABLES). ++VER (Z038) FMID (CRCQK00) PRE (R096593 R099569 S001414 S004471 S006875 S007822 S008608) SUP (ST10468) ++IF FMID(CINSK00) REQ(S010469) . ++HOLD (S010468) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (19295) COMMENT (<pre> +-----+ CA RC/Query 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>

Service	Details
S010469	S010469 M.C.S. ENTRIES = ++PTF (S010469) NUMBER OF ROWS DISPLAYED IN SCIENTIFIC FORM ON LARGE TABLES PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the NUMBER OF COLUMNS field in T-L and T-D reports displays values in scientific notation. SYMPTOMS: From the RC/Query Main Menu, select the T-L or the T-D report. Select a table with more than 2,147,483,647 rows. The value in the NUMBER OF ROWS field will be displayed in the exponential format and not in standard numeric format. IMPACT: NUMBER OF ROWS value is not properly displayed for large numbers. CIRCUMVENTION: PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1537 Copyright (C) 2019 CA. All rights reserved. R00569-D200-SP0 DESC(NUMBER OF ROWS DISPLAYED IN SCIENTIFIC FORM ON LARGE TABLES). ++VER (Z038) FMID (CINSK00) SUP (ST10469) ++IF FMID(CRCQK00) REQ(S010468) .

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Service	Details
S010470	S010470 M.C.S. ENTRIES = ++PTF (S010470) CA UTILITY SORT V3.1.0.0 BATCH-11 INSTALL ENHANCEMENT DESCRIPTION: This PTF is an infrastructure prerequisite for CA Utility Sort, and installs BATCH 11 of the CAUTIL SORT API for CA Utilities for DB2 for z/OS products. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 1410 Copyright (C) 2019 CA. All rights reserved. R00570-D200-SP0 DESC(CA UTILITY SORT V3.1.0.0 BATCH-11 INSTALL). ++VER (Z038) FMID (CUTSK00) PRE (R095918 R095972 R096005 R096401 R098970 S000848 S006611 S007927 S009590 S010236) SUP (ST10470)

Service	Details
S010474	S010474 M.C.S. ENTRIES = ++PTF (S010474) LOAD FAILS WITH LATE-TERM DISCARDS AND VERSIONED DATA PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) may terminate with RC 8 and error message "PUT4133E - PTMVREX BUILD routine failed" when the following conditions are true: - The tablespace is partitioned. - The tablespace has only one partition. - The tablespace contains versioned data. - There are late-term discards. SYMPTOMS: The following messages are printed to the PTIMSG DD: PUT4133E - PTMVREX BUILD routine failed TCB: 00001 Return Code: 00000014 Reason Code: 0000003E Detected in module UTA\$MGTX PUT3602E - Utilities Buffer Manager Error Detected, RC=08, RS=12, \$MGU: Init Task: Open Init Exit Err Info RC=00000008, Info RS=00000099 PUT3612E - Utilities Tablespace Update Service Error Detected, RC=08, RS=110, \$MGT: Buffer Mgr Init_TS_Task Error Info RC=00000008, Info RS=0000000C PFL0216E - Discard Deletion Phase Error Detected, RC=08, RS=03, \$Disc Init_Task Failure Info RC=008, Info RS=110 IMPACT: Processing fails. CIRCUMVENTION: If you specify OUTPUT-CONTROL ALL REBUILD-INDEX NO, specify PREDETERMINE-DUPS YES. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 19.0 CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1278 Copyright (C) 2019 CA. All rights reserved. R00571-D200-SP0 DESC(LOAD FAILS WITH LATE-TERM DISCARDS AND VERSIONED DATA). ++VER (Z038) FMID (CPUTK00) PRE (S000024 S001411 S009027) SUP (ST10474)

Service	Details		
S010492	S010492 M.C.S. ENTRIES = ++PTF (S010492) DB2 ABENDS 0C1/0C4 IN DSNB1PLK PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may cause DB2 V12 to abend with an 0C1/0C4 in DSNB1PLK or DSNISGRT and crash when one or more buffer pools are defined with PGSTEAL(NONE) PGFIX(YES). SYMPTOMS: DB2 terminates. IMPACT: DB2 terminates. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 19.0 CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1662 Copyright (C) 2019 CA. All rights reserved. R00573-D200-SP0 DESC(DB2 ABENDS 0C1/0C4 IN DSNB1PLK). ++VER (Z038) FMID (CPDTK00) PRE (R096168 R096580 R097707 R098429 R099556 S000263 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S007988 S008129 S008323 S008789 S009065 S010018) SUP (AS06334 AS08129 R099946 S000423 S006838 S008446 S009828 ST00423 ST06838 ST08446 ST09828 ST10492 TR99946) ++HOLD (S010492) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (19296) COMMENT (<table border="1"> <tr> <td>CA Detector 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. 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	CA Detector for DB2 for z/OS	Version 20.0
CA Detector for DB2 for z/OS	Version 20.0		

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

Service	Details
S010505	S010505 M.C.S. ENTRIES = ++PTF (S010505) DATA CORRUPTION IN PARTITIONED TS WITH CLUSTERING INDEX PROBLEM DESCRIPTION: CA Rapid Reorg for DB2 for z/OS (PRR) may corrupt tablespace data pages when a Reorg is performed on a Classic Partitioned tablespace or Partition-by-Range(UTS) tablespace and the following conditions are met: - A Clustering index with 2 or more columns exist on the table - DATA-AVAILABLE HIGH or DATA-AVAILABLE CRITICAL is specified - The Reorg is run in STANDARD MODE (EXTENDED-TSREORG NO) - RECLUSTER YES is specified - Number of SYSRECs in the job is less than the number of partitions in the scope of the reorg SYMPTOMS: The Reorg job completes with RC=0 The problem can be identified by IBM Index Check DSNUTIL CHECK INDEX shows DSNU713I ... DSNUIKI - KEYS MISMATCH. RID=... IMPACT: Data in the tablespace is corrupted. CIRCUMVENTION: Problem does not occur when EXTENDED-TSREORG YES or RECLUSTER NO is specified, or when the number of SYSRECs (controlled by UNLOAD-TASKS) is greater than or equal to the number of partitions being reorganized. PRODUCT(S) AFFECTED: CA Rapid Reorg for DB2 for z/OS Version 19.0 CA Rapid Reorg for DB2 for z/OS Version 20.0 Related Problem: PRR 1358 Copyright (C) 2019 CA. All rights reserved. R00575-D200-SP0 DESC(DATA CORRUPTION IN PARTITIONED TS WITH CLUSTERING INDEX). ++VER (Z038) FMID (CPRRK00) PRE (R096588 R098968 S000023 S000846 S006609 S008379) SUP (DC06581 ST10505) ++HOLD (S010505) SYSTEM FMID(CPRRK00) REASON (ACTION) DATE (19302) COMMENT (<pre> +-----+ CA Rapid Reorg for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE To identify potentially affected objects. +-----+-----+ USERS All users. AFFECTED +-----+-----+ KNOWLEDGE None. REQUIRED +-----+-----+ ACCESS Execute catalog queries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** The following SQL query can be used to identify potentially impacted tablespaces: SELECT DBNAME, NAME FROM SYSIBM.SYSTABLESPACE WHERE TYPE IN (' ', 'R') </pre>

Service	Details
	<pre> AND PARTITIONS != 0 AND NTABLES = 1 AND (DBNAME, NAME) IN (SELECT DBNAME, TSNAME FROM SYSIBM.SYSTABLES WHERE (NAME, CREATOR) IN (SELECT TBNAME, TBCREATOR FROM SYSIBM.SYSINDEXES WHERE COLCOUNT > 1 AND CLUSTERING = 'Y')) </pre> The list should be verified against the Rapid Reorg jobs that match the following criteria: - DATA-AVAILABLE HIGH or DATA-AVAILABLE CRITICAL is specified - The Reorg is run in STANDARD MODE (EXTENDED-TSREORG NO) - RECLUSTER YES is specified - Number of SYSRECs in the job is less than the number of partitions in the scope of the reorg Then check for data integrity run IBM CHECK INDEX. Any objects identified as impacted need to be considered for recovery.).

Service	Details
S010514	S010514 M.C.S. ENTRIES = ++PTF (S010514) S0C1 OR U0299 ABEND AFTER APPLYING S009765 PROBLEM DESCRIPTION: After PTF S009765 is applied: 1. CA Fast Load for DB2 for z/OS (PFL) may terminate with a S0C1 abend and issue the following message: PFL0017E Table XXXXX.XXXX has Incomplete Definition 2. PFL may terminate with a U0299 abend when processing objects with long names. SYMPTOMS: 1. PFL terminates with S0C1 and the following messages are received: SYSTEM COMPLETION CODE=0C1 REASON CODE=00000001 TIME=xx.xx.xx SEQ=xxxxx CPU=0000 ASID=xxxx PSW AT TIME OF ERROR 078C0000 B7301D3C ILC 2 INTC 01 ACTIVE MODULE ADDRESS=xxxxxxxx_xxxxxxxxxx OFFSET=00019D3C NAME=FLLMDRV PFL0017E- Table XXXXX.XXXX has Incomplete Definition 2. PFL terminates with U0299 and the following messages are recieved: USER COMPLETION CODE=0299 TIME=xx.xx.xx SEQ=xxxxx CPU=0000 ASID=xxxx PSW AT TIME OF ERROR 078D1000 B72511B4 ILC 2 INTC 0D ACTIVE MODULE ADDRESS=xxxxxxxx_xxxxxxxxxx OFFSET=000011B4 NAME=PTLCBLD2 IMPACT: In both cases PFL terminates abnormally and the load fails. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Related Problem: PFL 1272 Copyright (C) 2019 CA. All rights reserved. R00578-D200-SP0 DESC(S0C1 OR U0299 ABEND AFTER APPLYING S009765). ++VER (Z038) FMID (CINSK00) PRE (R097704 S000016 S009761) SUP (AC04039 AS09761 S003965 ST03965 ST10510 ST10514)

Version 20.0

Service	Details
S010521	S010521 M.C.S. ENTRIES = ++PTF (S010521) DB2 THREAD ABENDS 0C1 IN DT\$DII PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may cause a DB2 thread to abend when thread is swapped out before PDT recognizes the thread as being tracked and collection shutdown is in process. SYMPTOMS: DB2 thread abends immediately following PDT shutdown request. IMPACT: A DB2 thread may terminate prematurely. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 19.0 CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1667 Copyright (C) 2019 CA. All rights reserved. R00579-D200-SP0 DESC(DB2 THREAD ABENDS 0C1 IN DT\$DII). ++VER (Z038) FMID (CPDTK00) PRE (R096580 R098429 S001400 S003942 S004458 S004757 S006116 S006334 S007810) SUP (ST10521) ++HOLD (S010521) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (19297) COMMENT (<pre> +-----+ CA Detector for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with 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
S010532	S010532 M.C.S. ENTRIES = ++PTF (S010532) RC/Q TX REPORT ON TRIGGER ENDS WITH S0C4 REASON CODE 3B PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the TG-TX(Trigger text) report fails with S0C4 and reason code 3B. SYMPTOMS: The TG-TX report ends with S0C4 and reason code 3B. IMPACT: You cannot generate the TG-TX report. CIRCUMVENTION: User can use DDL option to see the trigger statement. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 19.0 CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1600 Copyright (C) 2019 CA. All rights reserved. R00580-D200-SP0 DESC(RC/Q TX REPORT ON TRIGGER ENDS WITH S0C4 REASON CODE 3B). ++VER (Z038) FMID (CRCQK00) PRE (R099569 S006128) SUP (ST10532)

Service	Details																														
S010538	S010538 M.C.S. ENTRIES = ++PTF (S010538)																														
	The following items are included in this solution: 1. COMMIT MAY GET ASSOCIATED TO WRONG PROGRAM UNDER DISTSERV 2. DETECTOR COLLECTION MAY TERMINATE WITH AN 0C4 ABEND ===== COMMIT MAY GET ASSOCIATED TO WRONG PROGRAM UNDER DISTSERV PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may collect DSNLXSRP as the program name during the commit process. SYMPTOMS: Commit statistics are associated to DSNLXSRP instead of to the correct program. IMPACT: Commit statistics may be wrong. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table><tr><td>CA Detector for DB2 for z/OS</td><td>Version 19.0</td></tr><tr><td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr></table> Related Problem: PDT 1655 ===== DETECTOR COLLECTION MAY TERMINATE WITH AN 0C4 ABEND PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) collection may terminate with an 0C4 abend when CA Detector was in the middle of processing a thread that was abnormally terminated. SYMPTOMS: Log data may display the following abend information: RIDS/DT\$DIICM#L RIDS/DT\$DICM1 AB/S00C4 PRCS/00000011 REGS/0A2D4 REGSC4 abend. RIDS/PERIC102#R <table><tr><th>SYMPTOM</th><th>DESCRIPTION</th></tr><tr><td>-----</td><td>-----</td></tr><tr><td>RIDS/DT\$DIICM#L</td><td>LOAD MODULE NAME: DT\$DIICM</td></tr><tr><td>RIDS/DT\$DICM1</td><td>CSECT NAME: DT\$DICM1</td></tr><tr><td>AB/S00C4</td><td>SYSTEM ABEND CODE: 00C4</td></tr><tr><td>PRCS/00000011</td><td>ABEND REASON CODE: 00000011</td></tr><tr><td>REGS/0A2D4</td><td>REGISTER/PSW DIFFERENCE FOR R0A: 2D4</td></tr></table> IMPACT: CA Detector collection terminates. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table><tr><td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr></table> Related Problem: PDT 1664 Copyright (C) 2019 CA. All rights reserved. R00583-D200-SP0 DESC(COMMIT MAY GET ASSOCIATED TO WRONG PROGRAM UNDER DISTSERV). ++VER (Z038) FMID (CPDTK00) PRE (R096168 R096580 R097707 R098429 R099556 S000263 S001400 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S007988 S008129 S008323 S008789 S009065 S009811 S010018) SUP (AS06334 AS08129 R099946 S000423 S006838 S008446 S009828 S010492 ST00423 ST06838 ST08446 ST09828 ST10492 ST10536 ST10538 TR99946) ++HOLD (S010538) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (19298) COMMENT (<table><tr><td>+</td><td>-----+</td><td></td></tr><tr><td> </td><td>CA Detector for DB2 for z/OS</td><td>Version 20.0 </td></tr><tr><td>+</td><td>-----+</td><td></td></tr></table> SEQUENCE Before Apply		CA Detector for DB2 for z/OS	Version 19.0	CA Detector for DB2 for z/OS	Version 20.0	SYMPTOM	DESCRIPTION	-----	-----	RIDS/DT\$DIICM#L	LOAD MODULE NAME: DT\$DIICM	RIDS/DT\$DICM1	CSECT NAME: DT\$DICM1	AB/S00C4	SYSTEM ABEND CODE: 00C4	PRCS/00000011	ABEND REASON CODE: 00000011	REGS/0A2D4	REGISTER/PSW DIFFERENCE FOR R0A: 2D4	CA Detector for DB2 for z/OS	Version 20.0	+	-----+			CA Detector for DB2 for z/OS	Version 20.0	+	-----+	
CA Detector for DB2 for z/OS	Version 19.0																														
CA Detector for DB2 for z/OS	Version 20.0																														
SYMPTOM	DESCRIPTION																														
-----	-----																														
RIDS/DT\$DIICM#L	LOAD MODULE NAME: DT\$DIICM																														
RIDS/DT\$DICM1	CSECT NAME: DT\$DICM1																														
AB/S00C4	SYSTEM ABEND CODE: 00C4																														
PRCS/00000011	ABEND REASON CODE: 00000011																														
REGS/0A2D4	REGISTER/PSW DIFFERENCE FOR R0A: 2D4																														
CA Detector for DB2 for z/OS	Version 20.0																														
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	CA Detector for DB2 for z/OS	Version 20.0																													
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Service	Details
	<pre> +-----+ 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
S010553	S010553 M.C.S. ENTRIES = ++PTF (S010553) ABEND S0C4 RECOVER TABLESPACE AND INDEXSPACE AFTER ADD PART PROBLEM DESCRIPTION: CA Fast Recover for DB2 for z/OS might terminate with RC=8 under the following circumstances: 1. A table space and index space are recovered together in one subtask. 2. The ALTER ADD PARTITION SQL statement was executed on the table space or index space before attempting the recovery. 3. No pages from the newly created partitions are present in the image copy used for recovery. SYMPTOMS: The following message is displayed: PFR0107I - RECOVER OF TABLESPACE 'PFR1048.PFR1048' COMPLETED WITH ERRORS and ABEND S0C4 occurs IN PROGRAM UTAGLHPG AT OFFSET +4F2. IMPACT: Recovery fails. CIRCUMVENTION: Recover TABLESPACE and INDEXSPACE in seprate steps. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 19.0 Related Problem: PFR 1048 Copyright (C) 2019 CA. All rights reserved. R00585-D200-SP0
	DESC(ABEND S0C4 RECOVER TABLESPACE AND INDEXSPACE AFTER ADD PART). ++VER (Z038) FMID (CUGRK00) PRE (R096595 R097722 R099574 S000029 S000788 S001418 S001660 S003677 S004249 S004251 S004475 S004799 S005018 S006132 S006879 S007173 S007826 S007905 S008280 S008466 S008833 S008841 S009028 S009742 S009748 S009766 S009867 S009903 S009974 S010044 S010201) SUP (S009911 ST09374 ST09911 ST10553) MCS S009797 STARTS ON PAGE 0002 MCS S009911 STARTS ON PAGE 0003 MCS S009945 STARTS ON PAGE 0004 MCS S009976 STARTS ON PAGE 0004 MCS S009977 STARTS ON PAGE 0005 MCS S009978 STARTS ON PAGE 0008 MCS S009999 STARTS ON PAGE 0009 MCS S010000 STARTS ON PAGE 0012 MCS S010007 STARTS ON PAGE 0014 MCS S010059 STARTS ON PAGE 0015 MCS S010071 STARTS ON PAGE 0017 MCS S010173 STARTS ON PAGE 0019 MCS S010174 STARTS ON PAGE 0021 MCS S010175 STARTS ON PAGE 0022 MCS S010200 STARTS ON PAGE 0023 MCS S010201 STARTS ON PAGE 0025 MCS S010236 STARTS ON PAGE 0027 MCS S010243 STARTS ON PAGE 0033 MCS S010248 STARTS ON PAGE 0034 MCS S010250 STARTS ON PAGE 0035 MCS S010268 STARTS ON PAGE 0035 MCS S010281 STARTS ON PAGE 0036 MCS S010288 STARTS ON PAGE 0038 MCS S010292 STARTS ON PAGE 0039 MCS S010306 STARTS ON PAGE 0039 MCS S010321 STARTS ON PAGE 0041 MCS S010323 STARTS ON PAGE 0043 MCS S010331 STARTS ON PAGE 0044 MCS S010347 STARTS ON PAGE 0045 MCS S010365 STARTS ON PAGE 0046 MCS S010389 STARTS ON PAGE 0047

Service	Details		
	MCS	S010390	STARTS ON PAGE 0048
	MCS	S010430	STARTS ON PAGE 0049
	MCS	S010437	STARTS ON PAGE 0050
	MCS	S010442	STARTS ON PAGE 0051
	MCS	S010468	STARTS ON PAGE 0052
	MCS	S010469	STARTS ON PAGE 0055
	MCS	S010470	STARTS ON PAGE 0056
	MCS	S010474	STARTS ON PAGE 0056
	MCS	S010492	STARTS ON PAGE 0057
	MCS	S010505	STARTS ON PAGE 0059
	MCS	S010514	STARTS ON PAGE 0061
	MCS	S010521	STARTS ON PAGE 0062
	MCS	S010532	STARTS ON PAGE 0064
	MCS	S010538	STARTS ON PAGE 0064
	MCS	S010553	STARTS ON PAGE 0067

CA DB2 Tools 20.0
CA RS 1911 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 1911 Product/Component Count for this release is 27		

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	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	CAH0K00
	S010107	CPFUK00
	S010080	CINSK00

CA RS Level	Service	FMID
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	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

CA RS Level	Service	FMID
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCSK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00

CA RS Level	Service	FMID
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00
	S009125	CINSK00
	S009110	CRCXK00
	S009109	CRCUK00
	S009108	CPLAK00
	S009107	CPFUK00
	S009106	COFSK00
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	S009083	CPLAK00
	S009068	CIDBK00
	S009065	CPDTK00
	S009055	CIDBK00
	S009054	CIDBK00
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	S008766	CINSK00
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	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

CA RS Level	Service	FMID
	S007822	CRCQK00
	S007821	CRCMK00
	S007820	CPUTK00
	S007819	CPSAK00
	S007818	CPRRK00
	S007815	CPRFK00
	S007814	CPPAK00
	S007813	CPLAK00
	S007812	CPFUK00
	S007811	CPFLK00
	S007810	CPDTK00
	S007809	CPDAK00
	S007808	COFSK00
	S007807	CINSK00
	S007806	CIDBK00
	S007804	CAHOK00
	S007774	CINSK00
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00
	S007169	CINSK00
CAR1903	S007412	CINSK00
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00
	S007323	CINSK00
	S007204	CPSAK00
CAR1902	S007167	CINSK00
	S006978	CINSK00
	S006977	CIDBK00
	S006879	CUGRK00
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCSK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00

CA RS Level	Service	FMID
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
	S006494	CSQ2100
	S006443	CPRFK00
CAR1812	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	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
	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

CA RS Level	Service	FMID
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00
	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

CA RS Level	Service	FMID
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCSK00
	S001641	CPLAK00
CAR1805	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRCSK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRCSK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00

CA RS Level	Service	FMID
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	R096579	CPDAK00
	R096578	CPBAK00
	R096577	COFSK00
	R096576	CINSK00
	R096575	CIDBK00
CAR1707	R096495	CSQ2100
	R096401	CUTSK00
CAR1706	R096169	CPSAK00
	R096168	CPDTK00
	R096167	CINSK00
	R096162	CPDAK00
	R096102	CSQ2100
	R096005	CUTSK00
	R096002	CUGRK00
	R095972	CUTSK00
	R095918	CUTSK00