

Service	Description	Type
S013888	STRATEGY SERVICES NOT LISTING ANY STRATEGY	PTF
S014027	POST-INSTALL ENHANCEMENT TO SUPPORT NON-DB2 FOR Z/OS BINDS	PTF
S014028	POST-INSTALL ENHANCEMENT TO SUPPORT NON-DB2 FOR Z/OS BINDS	PTF
S014125	GENERATED ALWAYS AS NON-DETERMINISTIC EXPRESSION	PTF
S014126	GENERATED ALWAYS AS NON-DETERMINISTIC EXPRESSION	PTF
S014174	CAPTURE THRESHOLD VALUES (CTV) OF OBJECTS SELECTED BY RTOS	PTF
S014175	CAPTURE THRESHOLD VALUES (CTV) OF OBJECTS SELECTED BY RTOS	PTF
S014228	EXTEND IQL INTERVAL IN BATCH FOR STATISTICAL TRACE RECORDS	PTF
S014254	DSGRPDTL SHOWS LOCK STRUCTURE SIZE 0 KB ON LARGE STRUCTURES	PTF
S014267	CONVERTING VERSION STRING TO EBCDIC WHILE IN EBCDIC	PTF
S014275	CA UTILTY SORT SUPPORT FOR STANDARD TABLESPACE REORGs	PTF
S014276	CA UTILTY SORT SUPPORT FOR STANDARD TABLESPACE REORGs	PTF
S014277	CA UTILTY SORT SUPPORT FOR STANDARD TABLESPACE REORGs	PTF
S014282	RMA091E ISSUED ON A TABLESPACE WHEN ALTERED	PTF
S014295	S378-C ABEND MAY OCCUR DURING XMANAGER SHUTDOWN	PTF
S014298	ABEND 13C-10 WHEN EXECUTING PDTBATCC IN A REXX ENVIRONMENT	PTF
S014299	ABEND 13C-10 WHEN EXECUTING PDTBATCC IN A REXX ENVIRONMENT	PTF
S014307	ALIAS LIST HELP PANELS ARE NOT CURRENT	** PRP **
S014310	CA UTILITY SORT V3.1.0.0 BATCH-13 INSTALL	PTF
S014335	POPULATE FUNCTION AND CATALOG LEVEL FROM SETUP MEMBER	PTF
S014338	AFTER APPLYING S013889 DETECTOR MAY EXPERIENCE SOC4 ABEND	*HIP/PRP*
S014381	SUPPORT FOR UNLOAD FROM REMOTE DB2 (LUW) RDBMS	PTF
S014382	SUPPORT FOR UNLOAD FROM REMOTE DB2 (LUW) RDBMS	PTF
S014383	SUPPORT FOR UNLOAD FROM REMOTE DB2 (LUW) RDBMS	PTF
S014397	DETECTOR MAY CAUSE A SOC4 ABEND DURING COLLECTION SHUTDOWN	PTF
S014400	UPDATE PPA POST-INSTALL CUSTOMIZE AND DB2 TASKS	PTF
S014401	DBM DS API - ZOWE API MEDIATION LAYER CONFORMANCE	PTF
S014404	UNWANTED BEHAVIOR OF IMPORT AND COPY COMMANDS	PTF
S014426	RCQ DB-LC REPORT ENDS WITH RQ033E INTERNAL ERROR	PTF
S014427	S806-04 WITH TAPE INPUT AND MISSING ICETPEX	PTF
S014428	S806-04 WITH TAPE INPUT AND MISSING ICETPEX	PTF
S014433	CHECK INDEX OR REORG S04E/00C9021C AFTER PFL WITH CLONES	PTF
S014452	GENERATION OF WRONG CONTROL CARD OPTIONS IN DDL REPORT	** PRP **
S014483	PFR DSNUM RECOVER SKIPS LOG RECORDS	PTF
S014491	MAINFRAME TEAM CENTER ADD SQLCODES REPORT WITH CHARTS	PTF
S014500	UNLOAD FAILS AFTER DROPPED COLUMNS	PTF
S014501	UNLOAD FAILS AFTER DROPPED COLUMNS	PTF
S014502	UNLOAD FAILS AFTER DROPPED COLUMNS	PTF
S014531	IQL MERGE GENERATES DUPLICATES RECORDS	PTF
S014565	SUPPORT FOR ONLINE EXECUTION MODE WILL BE DISCONTINUED	PTF
S014566	SORTLOG YES RECOVER ENGINE REFACTORING	PTF
S014567	SORTLOG YES RECOVER ENGINE REFACTORING	PTF
S014568	SORTLOG YES RECOVER ENGINE REFACTORING	PTF
S014570	SECQTY VALUE MISSING IN CREATE TABLESPACE DDL	PTF
S014583	Security or Integrity Problem	** PRP **
S014613	SUPPORT RECOVERING IDENTITY COLUMN FOR ADOR	PTF
S014615	RMA091E ISSUED WHEN COLUMN COMMENT TEXT IS 255 CHARACTERS	PTF

CA DB2 Tools 20.0
CA RS 2009 Service List

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Service	Description	Type
S014623	U0076 ABEND WHEN SYNTAX CHECKING MULTIPLE CREATE TS DDL	PTF
S014624	UNEXPECTED THREAD HIST MENU BEHAVIOR WITH OLDER MAINTENANCE	PTF
S014634	SBOA-18 ABEND DURING NON-DISTRIBUTED DB2 THREAD TERMINATION	PTF
S014639	INSHUFF* SAMPLE JCLS ADJUSTMENTS	PTF
S014640	MAXTASKS NOT HONORED IN SHRLEVEL CHANGE INDEX REBUILD	PTF
S014641	MAXTASKS NOT HONORED IN SHRLEVEL CHANGE INDEX REBUILD	PTF
The CA RS 2009 service count for this release is 53		

CA DB2 Tools
CA RS 2009 Service List for CIDBK00

FMID	Service	Description	Type
CIDBK00	SO14228	EXTEND IQL INTERVAL IN BATCH FOR STATISTICAL TRACE RECORDS	PTF
	SO14254	DSGRPDTL SHOWS LOCK STRUCTURE SIZE 0 KB ON LARGE STRUCTURES	PTF
	SO14531	IQL MERGE GENERATES DUPLICATES RECORDS	PTF
	SO14624	UNEXPECTED THREAD HIST MENU BEHAVIOR WITH OLDER MAINTENANCE	PTF
The CA RS 2009 service count for this FMID is 4			

CA DB2 Tools
CA RS 2009 Service List for CINSK00

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FMID	Service	Description	Type
CINSK00	SO13888	STRATEGY SERVICES NOT LISTING ANY STATEGY	PTF
	SO14027	POST-INSTALL ENHANCEMENT TO SUPPORT NON-DB2 FOR Z/OS BINDS	PTF
	SO14125	GENERATED ALWAYS AS NON-DETERMINISTIC EXPRESSION	PTF
	SO14174	CAPTURE THRESHOLD VALUES (CTV) OF OBJECTS SELECTED BY RTOS	PTF
	SO14275	CA UTILITY SORT SUPPORT FOR STANDARD TABLESPACE REORGS	PTF
	SO14282	RMA091E ISSUED ON A TALBESPACE WHEN ALTERED	PTF
	SO14295	S378-C ABEND MAY OCCUR DURING XMANAGER SHUTDOWN	PTF
	SO14298	ABEND 13C-10 WHEN EXECUTING PDTBATCC IN A REXX ENVIRONMENT	PTF
	SO14381	SUPPORT FOR UNLOAD FROM REMOTE DB2 (LUW) RDBMS	PTF
	SO14401	DBM DS API - ZOWE API MEDIATION LAYER CONFORMANCE	PTF
	SO14491	MAINFRAME TEAM CENTER ADD SQLCODES REPORT WITH CHARTS	PTF
	SO14500	UNLOAD FAILS AFTER DROPPED COLUMNS	PTF
	SO14566	SORTLOG YES RECOVER ENGINE REFACTORING	PTF
	SO14583	Security or Integrity Problem	** PRP **
	SO14615	RMA091E ISSUED WHEN COLUMN COMMENT TEXT IS 255 CHARACTERS	PTF
	SO14623	U0076 ABEND WHEN SYNTAX CHECKING MULTIPLE CREATE TS DDL	PTF
	SO14634	SB0A-18 ABEND DURING NON-DISTRIBUTED DB2 THREAD TERMINATION	PTF
	SO14639	INSHUFF* SAMPLE JCLS ADJUSTMENTS	PTF
The CA RS 2009 service count for this FMID is 18			

CA DB2 Tools
CA RS 2009 Service List for COFSK00

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FMID	Service	Description	Type
COFSK00	S014126	GENERATED ALWAYS AS NON-DETERMINISTIC EXPRESSION	PTF
	S014570	SECQTY VALUE MISSING IN CREATE TABLESPACE DDL	PTF
The CA RS 2009 service count for this FMID is 2			

CA DB2 Tools
CA RS 2009 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	S014175	CAPTURE THRESHOLD VALUES (CTV) OF OBJECTS SELECTED BY RTOS	PTF
	S014565	SUPPORT FOR ONLINE EXECUTION MODE WILL BE DISCONTINUED	PTF
The CA RS 2009 service count for this FMID is 2			

CA DB2 Tools
CA RS 2009 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	S014267	CONVERTING VERSION STRING TO EBCDIC WHILE IN EBCDIC	PTF
	S014299	ABEND 13C-10 WHEN EXECUTING PDTBATCC IN A REXX ENVIRONMENT	PTF
	S014338	AFTER APPLYING S013889 DETECTOR MAY EXPERIENCE SOC4 ABEND	*HIP/PRP*
	S014397	DETECTOR MAY CAUSE A SOC4 ABEND DURING COLLECTION SHUTDOWN	PTF
The CA RS 2009 service count for this FMID is 4			

CA DB2 Tools
CA RS 2009 Service List for CPFLK00

FMID	Service	Description	Type
CPFLK00	S014427	S806-04 WITH TAPE INPUT AND MISSING ICETPEX	PTF
	S014433	CHECK INDEX OR REORG S04E/00C9021C AFTER PFL WITH CLONES	PTF
The CA RS 2009 service count for this FMID is 2			

CA DB2 Tools
CA RS 2009 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	S014028	POST-INSTALL ENHANCEMENT TO SUPPORT NON-DB2 FOR Z/OS BINDS	PTF
	S014382	SUPPORT FOR UNLOAD FROM REMOTE DB2 (LUW) RDBMS	PTF
	S014501	UNLOAD FAILS AFTER DROPPED COLUMNS	PTF
The CA RS 2009 service count for this FMID is 3			

CA DB2 Tools
CA RS 2009 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	SO14452	GENERATION OF WRONG CONTROL CARD OPTIONS IN DDL REPORT	** PRP **
	SO14613	SUPPORT RECOVERING IDENTITY COLUMN FOR ADOR	PTF
The CA RS 2009 service count for this FMID is 2			

CA DB2 Tools
CA RS 2009 Service List for CPPAK00

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FMID	Service	Description	Type
CPPAK00	S014400	UPDATE PPA POST-INSTALL CUSTOMIZE AND DB2 TASKS	PTF
The CA RS 2009 service count for this FMID is 1			

CA DB2 Tools
CA RS 2009 Service List for CPRFK00

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FMID	Service	Description	Type
CPRFK00	S014404	UNWANTED BEHAVIOR OF IMPORT AND COPY COMMANDS	PTF
The CA RS 2009 service count for this FMID is 1			

CA DB2 Tools
CA RS 2009 Service List for CPRRK00

FMID	Service	Description	Type
CPRRK00	S014276	CA UTILTY SORT SUPPORT FOR STANDARD TABLESPACE REORGS	PTF
	S014640	MAXTASKS NOT HONORED IN SHRLEVEL CHANGE INDEX REBUILD	PTF
The CA RS 2009 service count for this FMID is 2			

CA DB2 Tools
CA RS 2009 Service List for CPUTK00

FMID	Service	Description	Type
CPUTK00	S014277	CA UTILTY SORT SUPPORT FOR STANDARD TABLESPACE REORGS	PTF
	S014383	SUPPORT FOR UNLOAD FROM REMOTE DB2 (LUW) RDBMS	PTF
	S014428	S806-04 WITH TAPE INPUT AND MISSING ICETPEX	PTF
	S014502	UNLOAD FAILS AFTER DROPPED COLUMNS	PTF
	S014567	SORTLOG YES RECOVER ENGINE REFACTORING	PTF
The CA RS 2009 service count for this FMID is 5			

CA DB2 Tools
CA RS 2009 Service List for CRCQK00

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FMID	Service	Description	Type
CRCQK00	S014307	ALIAS LIST HELP PANELS ARE NOT CURRENT	** PRP **
	S014335	POPULATE FUNCTION AND CATALOG LEVEL FROM SETUP MEMBER	PTF
	S014426	RCQ DB-LC REPORT ENDS WITH RQ033E INTERNAL ERROR	PTF
The CA RS 2009 service count for this FMID is 3			

CA DB2 Tools
CA RS 2009 Service List for CUGRK00

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FMID	Service	Description	Type
CUGRK00	S014483	PFR DSNUM RECOVER SKIPS LOG RECORDS	PTF
	S014568	SORTLOG YES RECOVER ENGINE REFACTORING	PTF
	S014641	MAXTASKS NOT HONORED IN SHRLEVEL CHANGE INDEX REBUILD	PTF
The CA RS 2009 service count for this FMID is 3			

CA DB2 Tools
CA RS 2009 Service List for CUTSK00

FMID	Service	Description	Type
CUTSK00	S014310	CA UTILITY SORT V3.1.0.0 BATCH-13 INSTALL	PTF
The CA RS 2009 service count for this FMID is 1			

Service	Details
SO13888	SO13888 M.C.S. ENTRIES = ++PTF (SO13888) STRATEGY SERVICES NOT LISTING ANY STRATEGY PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the Strategy Services does not list strategies in a decimal=comma subsystem when using all possible valid search criteria. SYMPTOMS: Strategies are listed. IMPACT: Customer will not able to do anything with DB2 objects using RC/Migrator. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3070 Copyright (C) 2020 CA. All rights reserved. R00981-D200-SP1 DESC(STRATEGY SERVICES NOT LISTING ANY STRATEGY). ++VER (Z038) FMID (CINSK00) PRE (S004718 S012933) SUP (ST13888)

Service	Details
SO14027	SO14027 M.C.S. ENTRIES = ++PTF (SO14027) POST-INSTALL ENHANCEMENT TO SUPPORT NON-DB2 FOR Z/OS BINDS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS post-install tailoring process has been enhanced to allow users to enter remote DRDA locations for remote binds. This enhancement is a prerequisite for future enhancements that will support non-Db2 for z/OS binds. The following changes have been made: - A new column, Location Type, has been added to the Edit Parmlib Member SETUP panel (INSEDS5) so that you can specify whether the Db2 subsystem is running on z/OS or a remote DBMS system that supports DRDA access. - The bind skeletons have been updated to conditionally include new bind statements for DRDA locations. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: INS 481 Copyright (C) 2020 CA. All rights reserved. R00999-D200-SP1 DESC(POST-INSTALL ENHANCEMENT TO SUPPORT NON-DB2 FOR Z/OS BINDS). ++VER (Z038) FMID (CINSK00) PRE (R099553 S001396 S004455 S006113 S006863 S007807 S009860 S010173 S012076 S012851) SUP (ST13949 ST14027) ++IF FMID(CPFUK00) REQ(SO14028) . ++HOLD (SO14027) SYSTEM FMID(CINSK00) REASON (AO) DATE (20217) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE The following post-install tailoring panel changes may affect any automation you have set up. Modified layout of "Edit Parmlib Member SETUP - Locations" (INSEDS5) ISPF panel. +-----+-----+ USERS All users of Post Install Tailoring. AFFECTED +-----+-----+ KNOWLEDGE CA DB2 Tools Post Install Tailoring. REQUIRED +-----+-----+ ACCESS Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** Update any automation tasks you have set up as needed to address the following post-install tailoring panel changes: </pre>

Service	Details
	1. Panel "Edit Parmlib Member SETUP" (INSEDS5) has been renamed to "Edit Parmlib Member SETUP - Locations" to differentiate it from other Setup member edit panels. 2. A new Location Type column has been added to the "Edit Parmlib Member SETUP - Locations" (INSEDS5) ISPF panel to allow for two types of locations to be specified. For existing z/OS type locations no change is required. For new locations entered on the panel now required filling of the Location Type column.). CSECT(CSAGETCF,WRITEREC,ESTAERTN).

Service	Details		
SO14028	SO14028 M.C.S. ENTRIES = ++PTF (SO14028) POST-INSTALL ENHANCEMENT TO SUPPORT NON-DB2 FOR Z/OS BINDS ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS post-install tailoring process has been enhanced to allow users to enter remote DRDA locations for remote binds. This enhancement is a prerequisite for future enhancements that will support non-Db2 for z/OS binds. The following changes have been made: - A new column, Location Type, has been added to the Edit Parmlib Member SETUP panel (INSEDESE5) so that you can specify whether the Db2 subsystem is running on z/OS or a remote DBMS system that supports DRDA access. - The bind skeletons have been updated to conditionally include new bind statements for DRDA locations. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: INS 481 Copyright (C) 2020 CA. All rights reserved. R00999-D200-SP1 DESC (POST-INSTALL ENHANCEMENT TO SUPPORT NON-DB2 FOR Z/OS BINDS). ++VER (Z038) FMID (CPFUK00) SUP (ST13950 ST14028) ++IF FMID(CINSK00) REQ(SO14027) . ++HOLD (SO14028) SYSTEM FMID(CPFUK00) REASON (DB2BIND) DATE (20217) COMMENT (<table border="1"> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> SEQUENCE After Apply PURPOSE Bind Plans and Packages USERS AFFECTED All Users KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. ***** * STEPS TO PERFORM * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must	CA Fast Unload for DB2 for z/OS	Version 20.0
CA Fast Unload for DB2 for z/OS	Version 20.0		

Service	Details
	be performed on the plans and packages for all installed products. IMPORTANT! If CA SYSVIEW for DB2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).

Service	Details																										
SO14125	SO14125 M.C.S. ENTRIES = ++PTF (SO14125) GENERATED ALWAYS AS NON-DETERMINISTIC EXPRESSION ENHANCEMENT DESCRIPTION: This PTF adds full support for GENERATED ALWAYS AS non-deterministic expression columns for the following products: CA RC/Migrator for DB2 for z/OS (RCM) CA RC/Compare for DB2 for z/OS (RCC) CA RC/Update for DB2 for z/OS (RCU) PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 CA RC/Compare for DB2 for z/OS Version 20.0 CA RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCM 3060 Copyright (C) 2020 CA. All rights reserved. R01006-D200-SP1 DESC (GENERATED ALWAYS AS NON-DETERMINISTIC EXPRESSION) . ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S001396 S001896 S004455 S004718 S004855 S005011 S005199 S006113 S006638 S006863 S007323 S007379 S007807 S008957 S009105 S009356 S009417 S009461 S009860 S010760 S011691 S011866 S011966 S012361 S012650 S012751 S012817 S012933 S013071 S013930) SUP (R099748 S000343 S008051 S008198 S008202 S008414 S008856 S009125 S009126 S009602 S009893 S010021 S010046 S010331 S010512 S010631 S010827 S010978 S011231 S011737 S012042 S012249 S012524 S012829 S013229 S013352 S013726 S013794 ST00343 ST06695 ST07198 ST08051 ST08198 ST08202 ST08395 ST08414 ST08856 ST08916 ST09125 ST09126 ST09530 ST09565 ST09602 ST09893 ST10021 ST10046 ST10331 ST10512 ST10631 ST10827 ST10978 ST11231 ST11737 ST12042 ST12249 ST12524 ST12829 ST13229 ST13352 ST13726 ST13794 ST14125 TR99748) ++IF FMID(COFSK00) REQ(SO14126) . ++HOLD (SO14125) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (20216) COMMENT (<table> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>CA DBM Solutions for DB2 for z/OS Base In Version 20.0 </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>SEQUENCE After Apply </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>PURPOSE Relink XMESSAGES </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>USERS </td></tr> <tr> <td> </td><td>AFFECTED All CA DB2 Tools Users </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>KNOWLEDGE </td></tr> <tr> <td> </td><td>REQUIRED CA DB2 Tools Post Install Customization. </td></tr> <tr> <td>+</td><td>-----+</td></tr> </table>	+	-----+		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.	+	-----+
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	KNOWLEDGE																										
	REQUIRED CA DB2 Tools Post Install Customization.																										
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Service	Details
	ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).

Service	Details
SO14126	SO14126 M.C.S. ENTRIES = ++PTF (SO14126) GENERATED ALWAYS AS NON-DETERMINISTIC EXPRESSION ENHANCEMENT DESCRIPTION: This PTF adds full support for GENERATED ALWAYS AS non-deterministic expression columns for the following products: CA RC/Migrator for DB2 for z/OS (RCM) CA RC/Compare for DB2 for z/OS (RCC) CA RC/Update for DB2 for z/OS (RCU) PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 CA RC/Compare for DB2 for z/OS Version 20.0 CA RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCM 3060 Copyright (C) 2020 CA. All rights reserved. R01006-D200-SP1 DESC (GENERATED ALWAYS AS NON-DETERMINISTIC EXPRESSION) . ++VER (Z038) FMID (COFSK00) PRE (R096577 R099554 S001397 S006114 S007380 S007808 S008403 S011921) SUP (S010250 ST10250 ST14126) ++IF FMID(CINSK00) REQ(SO14125) .

Service	Details
SO14174	SO14174 M.C.S. ENTRIES = ++PTF (SO14174) CAPTURE THRESHOLD VALUES (CTV) OF OBJECTS SELECTED BY RTOS ENHANCEMENT DESCRIPTION: CA Database Analyzer for DB2 for z/OS now gives you the ability to capture the threshold (or condition) values of database objects that trigger actions based on the conditions in your Real Time Object Selection (RTOS) extract procedures. You can generate a new Capture Threshold Values (CTV) report of the condition values that are met by your extract procedures and tune your selection criteria to avoid unnecessary actions on objects and reduce your maintenance time. CTV statistics are maintained for a minimum of 13 months, or a longer period that you specify (in months) with the COLLECT_CTV parameter. The COLLECT_CTV parameters can be configured via the CA Products for DB2 for z/OS Post-Install Tailoring (INS) menu through Setup for PDA. For more information, refer to the PDA product documentation on Capture Threshold Values (CTV). PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 1355 Copyright (C) 2020 CA. All rights reserved. R01016-D200-SP1 DESC(CAPTURE THRESHOLD VALUES (CTV) OF OBJECTS SELECTED BY RTOS). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004455 S006113 S007807 S008869 S009761 S010004 S010041 S010173 S011078 S011084 S011234 S012715) SUP (ST12171 ST14174) ++IF FMID(CPDAK00) REQ(SO14175) . ++HOLD (SO14174) SYSTEM FMID(CINSK00) REASON (ACTION) DATE (20219) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Activate the Capture Threshold Values (CTV) feature +-----+-----+ USERS All users of PDA Extract procedures AFFECTED +-----+-----+ KNOWLEDGE 1. DB2 Administration REQUIRED 2. CA DB2 Tools for DB2 for z/OS administration +-----+-----+ ACCESS 1. Product libraries REQUIRED 2. PTI. database +-----+-----+ ***** </pre>

Service	Details
	* STEPS TO PERFORM * ***** After successful installation of this PTF the database administrator must create new table PTI.RAOS_CTV_2000. The JCL can be generated and submitted via DB2 Tools Post Install panels. Please see Documentation for PDA Capture Threshold Values feature for more information and required steps.). CSECT (RAACATP,WH1KYS,WH2KYS,WL1KYS,WL2KYS) . CSECT (RAACATS,CLHKEYS,CLLKEYS,CONV_OUT) . CSECT (RAAPMRDR,@KEYWDTB,PDA#ZAPS) . CSECT (RAASBLD,SBLDESTA,HKEYS,LKEYS,DERIVEDF) . CSECT (RAASIX,OPENDB,INITSTAT) .

Service	Details
SO14175	SO14175 M.C.S. ENTRIES = ++PTF (SO14175) CAPTURE THRESHOLD VALUES (CTV) OF OBJECTS SELECTED BY RTOS ENHANCEMENT DESCRIPTION: CA Database Analyzer for DB2 for z/OS now gives you the ability to capture the threshold (or condition) values of database objects that trigger actions based on the conditions in your Real Time Object Selection (RTOS) extract procedures. You can generate a new Capture Threshold Values (CTV) report of the condition values that are met by your extract procedures and tune your selection criteria to avoid unnecessary actions on objects and reduce your maintenance time. CTV statistics are maintained for a minimum of 13 months, or a longer period that you specify (in months) with the COLLECT_CTV parameter. The COLLECT_CTV parameters can be configured via the CA Products for DB2 for z/OS Post-Install Tailoring (INS) menu through Setup for PDA. For more information, refer to the PDA product documentation on Capture Threshold Values (CTV). PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 1355 Copyright (C) 2020 CA. All rights reserved. R01016-D200-SP1 DESC(CAPTURE THRESHOLD VALUES (CTV) OF OBJECTS SELECTED BY RTOS). ++VER (Z038) FMID (CPDAK00) PRE (R096162 R099555 S000017 S007809 S009652 S010042) SUP (ST14175) ++IF FMID(CINSK00) REQ(SO14174) . ++HOLD (SO14175) SYSTEM FMID(CPDAK00) REASON (ACTION) DATE (20219) COMMENT (<pre> +-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Activate the Capture Threshold Values (CTV) feature +-----+-----+ USERS All users of PDA Extract procedures AFFECTED +-----+-----+ KNOWLEDGE 1. DB2 Administration REQUIRED 2. CA DB2 Tools for DB2 for z/OS administration +-----+-----+ ACCESS 1. Product libraries REQUIRED 2. PTI. database +-----+-----+ ***** * STEPS TO PERFORM * ***** After successful installation of this PTF the database administrator </pre>

Service	Details
	must create new table PTI.RAOS_CTV_2000. The JCL can be generated and submitted via DB2 Tools Post Install panels. Please see Documentation for PDA Capture Threshold Values feature for more information and required steps.). ++HOLD (S014175) SYSTEM FMID(CPDAK00) REASON (DB2BIND) DATE (20219) COMMENT (<pre> +-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+ ***** * STEPS TO PERFORM * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. IMPORTANT! If CA SYSVIEW for DB2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors. +-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install </pre>

Service	Details
	<pre> REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). ++HOLD (SO14175) SYSTEM FMID(CPDAK00) REASON (DB2DDL) DATE (20219) COMMENT (+-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Alter CA DB2 Tools objects +-----+ USERS AFFECTED All Users. +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. Install SYSADM, SYSADM or DBADM on PTDB. +-----+ ***** * STEPS TO PERFORM * ***** DB2 objects must be compared/alterd and a Bind Replace performed as part of this maintenance. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the following tasks using the post-install tailoring options: 1. Compare DB2 Objects 2. Create Required DB2 Objects 3. Bind Product Packages and Plans IMPORTANT! If CA SYSVIEW for DB2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). ++HOLD (SO14175) SYSTEM FMID(CPDAK00) </pre>

Service	Details
	<pre> REASON (MSGSKEL) DATE (20219) COMMENT (+-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).</pre>

Service	Details
SO14228	SO14228 M.C.S. ENTRIES = ++PTF (SO14228) EXTEND IQL INTERVAL IN BATCH FOR STATISTICAL TRACE RECORDS PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) batch report writer when processing IQL requests with INTERVAL keyword places statistical IFCID records that have the start time in the interval but the end time a few seconds beyond the interval into the next one. Such an end time is normal and related to the delays in record generation. To avoid shifting records in the next interval while logically they belong to the current, a 59 seconds toleration factor is introduced into the INTERVAL time range when processing IQL requests based on statistical IFCID records in batch. SYMPTOMS: The records from the second interval logically should be part of the first interval. BEGIN_DATE_TIME END_DATE_TIME SYSTEM_ID SUBSYSTEM 2020-06-07-00.00.00.192322 2020-06-07-23.30.00.145280 EDJA DEVL 2020-06-07-23.30.00.145280 2020-06-08-00.00.00.300718 EDJA DEVL IMPACT: Interval does not contain all expected data. CIRCUMVENTION: None. 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 2511 Copyright (C) 2020 CA. All rights reserved. R01018-D200-SP1 DESC(EXTEND IQL INTERVAL IN BATCH FOR STATISTICAL TRACE RECORDS) . ++VER (Z038) FMID (CIDBK00) PRE (R096575 R099552) SUP (ST14228) CSECT(NBINTRVC,NBINTRVL) .

Service	Details
SO14254	SO14254 M.C.S. ENTRIES = ++PTF (SO14254) DSGRPDTL SHOWS LOCK STRUCTURE SIZE 0 KB ON LARGE STRUCTURES PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) Display Group Detail(DSGRPDTL) report shows 'Lock Structure Size' as '0 KB' on large structures. SYMPTOMS: When LOCK STRUCTURE SIZE is a large value, DSGRPDTL shows it as '0 KB'. Ex: DB2 command -DIS GROUP DETAIL => 'LOCK1 STRUCTURE SIZE: 1677312 KB'. DSGRPDTL report => 'Lock Structure Size 0 KB'. IMPACT: 'Lock Structure Size' field in DSGRPDTL report will be incorrect. CIRCUMVENTION: NONE. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2513 Copyright (C) 2020 CA. All rights reserved. R01024-D200-SP1 DESC(DSGRPDTL SHOWS LOCK STRUCTURE SIZE 0 KB ON LARGE STRUCTURES). ++VER (Z038) FMID (CIDBK00) PRE (R096575 S004454) SUP (ST14254) CSECT(NGRABP6C,NGRABP6) .

Service	Details																																								
SO14267	SO14267 M.C.S. ENTRIES = ++PTF (SO14267) CONVERTING VERSION STRING TO EBCDIC WHILE IN EBCDIC PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may erroneously identify an EBCDIC version string as UNICODE and convert that string to EBCDIC. When this happens the result is a garbled version ID. SYMPTOMS: PDT collects garbled version ID data and displays the following message when trying to access SQL statements: ERROR IN DETECTOR DT160I : RELATED SQL CALL TEXT COULD NOT BE LOCATED IMPACT: Cannot access SQL and version ID is garbled. 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 1699 Copyright (C) 2020 CA. All rights reserved. R01026-D200-SP1 DESC(CONVERTING VERSION STRING TO EBCDIC WHILE IN EBCDIC). ++VER (Z038) FMID (CPDTK00) PRE (R097707 R098429 S001400 S006334 S010908 S011694 S011983 S012921) SUP (ST14267) ++HOLD (SO14267) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (20216) COMMENT (<table> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> CA Detector for DB2 for z/OS</td><td> Version 20.0 </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> SEQUENCE</td><td> Before Apply </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> PURPOSE</td><td> Avoidance of module mismatch related errors in an Xmanager </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> USERS</td><td> Collections of DB2 statistics via Detector or Subsystem </td></tr> <tr> <td> AFFECTED</td><td> Analyzer. </td></tr> <tr> <td> </td><td> DB2 subsystems that have active collections. </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> KNOWLEDGE</td><td> 1. SMP/E </td></tr> <tr> <td> REQUIRED</td><td> 2. z/OS System Programming </td></tr> <tr> <td> </td><td> 3. CA DB2 Tools Installation and Maintenance procedures. </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> ACCESS</td><td> 1. Product runtime libraries. </td></tr> <tr> <td> REQUIRED</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> </table> ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections.	CA Detector for DB2 for z/OS	Version 19.0	CA Detector for DB2 for z/OS	Version 20.0	+-----+		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		+-----+	
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Service	Details
	2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.).

Service	Details
SO14275	SO14275 M.C.S. ENTRIES = ++PTF (SO14275) CA UTILITY SORT SUPPORT FOR STANDARD TABLESPACE REORGs ENHANCEMENT DESCRIPTION: This PTF is an infrastructure implementation for CA Utility Sort (CAUTIL) for Rapid Reorg for DB2 for z/OS (PRR). It provides initial support for STANDARD tablespace sort tasks when no Non Clustering Indexes exist in the tablespace. PRODUCT(S) AFFECTED: CA Rapid Reorg for DB2 for z/OS Version 20.0 Related Problem: PRR 1369 Copyright (C) 2020 CA. All rights reserved. R01028-D200-SP1 DESC(CA UTILITY SORT SUPPORT FOR STANDARD TABLESPACE REORGs). ++VER (Z038) FMID (CINSK00) PRE (SO06608 SO07169 SO07940) SUP (ST14272 ST14275) ++IF FMID(CPRRK00) REQ(SO14276) . ++IF FMID(CPUTK00) REQ(SO14277) .

Service	Details
SO14276	SO14276 M.C.S. ENTRIES = ++PTF (SO14276) CA UTILITY SORT SUPPORT FOR STANDARD TABLESPACE REORGs ENHANCEMENT DESCRIPTION: This PTF is an infrastructure implementation for CA Utility Sort (CAUTIL) for Rapid Reorg for DB2 for z/OS (PRR). It provides initial support for STANDARD tablespace sort tasks when no Non Clustering Indexes exist in the tablespace. PRODUCT(S) AFFECTED: CA Rapid Reorg for DB2 for z/OS Version 20.0 Related Problem: PRR 1369 Copyright (C) 2020 CA. All rights reserved. R01028-D200-SP1 DESC(CA UTILITY SORT SUPPORT FOR STANDARD TABLESPACE REORGs) . ++VER (Z038) FMID (CPRRK00) PRE (R096588 R097715 R098968 S000023 S000846 S006609 S007818 S007893 S008379 S009026 S009599 S009901 S009954 S010007 S010505 S011039 S011222 S011237 S011432 S011603 S011847 S011998 S012152 S013204 S013339 S013635 S014034) SUP (S010679 ST10679 ST14273 ST14276) ++IF FMID(CPUTK00) REQ(S014277) . ++IF FMID(CINSK00) REQ(S014275) .

Service	Details
SO14277	SO14277 M.C.S. ENTRIES = ++PTF (SO14277) CA UTILITY SORT SUPPORT FOR STANDARD TABLESPACE REORGs ENHANCEMENT DESCRIPTION: This PTF is an infrastructure implementation for CA Utility Sort (CAUTIL) for Rapid Reorg for DB2 for z/OS (PRR). It provides initial support for STANDARD tablespace sort tasks when no Non Clustering Indexes exist in the tablespace. PRODUCT(S) AFFECTED: CA Rapid Reorg for DB2 for z/OS Version 20.0 Related Problem: PRR 1369 Copyright (C) 2020 CA. All rights reserved. R01028-D200-SP1 DESC(CA UTILITY SORT SUPPORT FOR STANDARD TABLESPACE REORGs). ++VER (Z038) FMID (CPUTK00) PRE (R097717 R098969 S000024 S001659 S006127 S006610 S007172 S007820 S009027 S009672 S011085 S011999 S012153 S013316 S014035) SUP (S012730 ST06289 ST12730 ST14277) ++IF FMID(CPRRK00) REQ(S014276) . ++IF FMID(CINSK00) REQ(S014275) .

Service	Details																		
SO14282	SO14282 M.C.S. ENTRIES = ++PTF (SO14282) RMA091E ISSUED ON A TALBESPACE WHEN ALTERED PROBLEM DESCRIPTION: When using CA RC/Migrator for DB2 for z/OS (RCM) to alter a tablespace, message RMA091E is issued during analysis if its STOGROUP is more than seven characters long and has trailing blanks. SYMPTOMS: RMA091E THE CURRENT CATALOG DEFINITION OF TABLESPACE DBA.SGB01008 DOES NOT MATCH THE DEFINITION WHICH EXISTED AT TIME OF EDIT. THE OBJECT WILL NOT BE ALTERED. IMPACT: DDL will not be generated. CIRCUMVENTION: NONE. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3073 Copyright (C) 2020 CA. All rights reserved. R01029-D200-SP1 DESC(RMA091E ISSUED ON A TALBESPACE WHEN ALTERED). ++VER (Z038) FMID (CINSK00) PRE (R096576 R099553 S001396 S004455 S004718 S007379 S009105 S012361 S012933) SUP (ST14282) ++HOLD (SO14282) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20220) COMMENT (<table border="1"> <tr> <td>CA DBM Solutions for DB2 for z/OS Base In</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Bind Plans and Packages</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>CA DB2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND, SYSADM or SYSCNTL on DB2 subsystem.</td></tr> </table> ***** * STEPS TO PERFORM * ***** 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.	CA DBM Solutions for DB2 for z/OS Base In	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization.	ACCESS	1. CA DB2 Tools Post Install	REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.
CA DBM Solutions for DB2 for z/OS Base In	Version 20.0																		
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ACCESS	1. CA DB2 Tools Post Install																		
REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.																		

Service	Details
	1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).

Service	Details																																
SO14295	SO14295 M.C.S. ENTRIES = ++PTF (SO14295) S378-C ABEND MAY OCCUR DURING XMANAGER SHUTDOWN PROBLEM DESCRIPTION: CA Execution Manager (Xmanager) may incur an S378 abend during shutdown. SYMPTOMS: The Xmanager log will show the following messages: PXM0810 CA/XMANAGER RECOVERY IN PROGRESS (TCB 009E6430) PXM0811 PSW: 470C1000 8125DEDA LMOD: *UNKNOWN OFFSET: N/A ABEND: S378 PXM0814 SVCDUMP INVOKED RC=08 RSN=0B IEA705I ERROR DURING FREEMAIN SYS CODE = 378-0C PTXMANY PTXMANY 00 IEA705I 00F2E000 009E6430 009E6430 00F10300 00000188 285DDE78 IEA995I SYMPTOM DUMP OUTPUT 324 SYSTEM COMPLETION CODE=378 REASON CODE=0000000C The dump title and information is as shown below: PXM0813 CA/XMANAGER 20.0 DUMP LOC: *UNKNOWN+N/A ABEND: S378 RIDS/NUCLEUS#L RIDS/IGVVSERR AB/S0378 PRCS/0000000C AB/S0378 System abend code: 0378 PRCS/0000000C Abend reason code: 0000000C IMPACT: Xmanager takes an abend during shutdown and more than one attempt may be needed to restart the Xmanager. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PXM 218 Copyright (C) 2020 CA. All rights reserved. R01031-D200-SP1 DESC(S378-C ABEND MAY OCCUR DURING XMANAGER SHUTDOWN). ++VER (Z038) FMID (CINSK00) PRE (S001665 S010907) SUP (S009796 ST09796 ST10808 ST10861 ST10903 ST14295) ++HOLD (SO14295) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20219) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> </td><td>CA DBM Solutions for DB2 for z/OS Base In Version 20.0 </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> SEQUENCE</td><td> Before Apply </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> PURPOSE</td><td> Avoidance of module mismatch related errors in an Xmanager </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> USERS</td><td> Collections of DB2 statistics via Detector or Subsystem </td> </tr> <tr> <td> AFFECTED</td><td> Analyzer. </td> </tr> <tr> <td> </td><td> DB2 subsystems that have active collections. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> KNOWLEDGE</td><td> 1. SMP/E </td> </tr> <tr> <td> REQUIRED</td><td> 2. z/OS System Programming </td> </tr> <tr> <td> </td><td> 3. CA DB2 Tools Installation and Maintenance procedures. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> ACCESS</td><td> 1. Product runtime libraries. </td> </tr> </table>)	+-----+			CA DBM Solutions for DB2 for z/OS Base In Version 20.0	+-----+		SEQUENCE	Before Apply	+-----+		PURPOSE	Avoidance of module mismatch related errors in an Xmanager	+-----+		USERS	Collections of DB2 statistics via Detector or Subsystem	AFFECTED	Analyzer.		DB2 subsystems that have active collections.	+-----+		KNOWLEDGE	1. SMP/E	REQUIRED	2. z/OS System Programming		3. CA DB2 Tools Installation and Maintenance procedures.	+-----+		ACCESS	1. Product runtime libraries.
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Service	Details
	<pre> REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.).</pre>

Service	Details
SO14298	SO14298 M.C.S. ENTRIES = ++PTF (SO14298) ABEND 13C-10 WHEN EXECUTING PDTBATCC IN A REXX ENVIRONMENT PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may abend with a 13C-10 abend code when both of the following conditions are present: - You are running PDTBATCC in a REXX environment. - The STEPLIB concatenation contains a library that is not APF-authorized. SYMPTOMS: The REXX routine may end with the following message: <pre>"call 'detector.loadlib(PTLDRIVM)' 'EP=PDTBATCC/0000'" RC(-316) +++</pre> And a 13C-10 abend message will be written to the SYSLOG of the TSO user or batch job which executes that REXX routine. IMPACT: The batch job fails. CIRCUMVENTION: This problem can be circumvented by submitting the PDTBATCC job outside of the REXX environment. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1700 Copyright (C) 2020 CA. All rights reserved. R01032-D200-SP1 DESC(ABEND 13C-10 WHEN EXECUTING PDTBATCC IN A REXX ENVIRONMENT). ++VER (Z038) FMID (CINSK00) PRE (R099979 SO11674 SO13717) SUP (ST14233 ST14237 ST14239 ST14298) ++IF FMID(CPDTK00) REQ(SO14299) . ++HOLD (SO14298) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20220) 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 *</pre>

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

Service	Details
SO14299	SO14299 M.C.S. ENTRIES = ++PTF (SO14299) ABEND 13C-10 WHEN EXECUTING PDTBATCC IN A REXX ENVIRONMENT PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may abend with a 13C-10 abend code when both of the following conditions are present: - You are running PDTBATCC in a REXX environment. - The STEPLIB concatenation contains a library that is not APF-authorized. SYMPTOMS: The REXX routine may end with the following message: <pre>"call 'detector.loadlib(PTLDRIVM)' 'EP=PDTBATCC/0000'"</pre> <pre>RC(-316) +++</pre> And a 13C-10 abend message will be written to the SYSLOG of the TSO user or batch job which executes that REXX routine. IMPACT: The batch job fails. CIRCUMVENTION: This problem can be circumvented by submitting the PDTBATCC job outside of the REXX environment. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1700 Copyright (C) 2020 CA. All rights reserved. R01032-D200-SP1 DESC(ABEND 13C-10 WHEN EXECUTING PDTBATCC IN A REXX ENVIRONMENT). ++VER (Z038) FMID (CPDTK00) PRE (R096168 R099556 R099980 S001400 S004458 S006116 S012652 S013987) SUP (S006237 ST06237 ST14234 ST14238 ST14240 ST14299) ++IF FMID(CINSK00) REQ(SO14298) .

Service	Details
SO14307	SO14307 M.C.S. ENTRIES = ++PTF (SO14307) ALIAS LIST HELP PANELS ARE NOT CURRENT PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the help panels for the Alias List report are not current and do not include Sequence object details. SYMPTOMS: The Alias List report title, , column headings and help panel text do not match and have incomplete field descriptions. IMPACT: Help panels convey incorrect information. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1622 Copyright (C) 2020 CA. All rights reserved. R01033-D200-SP1 DESC(ALIAS LIST HELP PANELS ARE NOT CURRENT) . ++VER (Z038) FMID (CRCQK00) PRE (R099569 SO01414 SO07822) SUP (AS14101 SO14101 ST14101 ST14307) CSECT(RQAAL,RPTSV CST) .

Service	Details
SO14310	SO14310 M.C.S. ENTRIES = ++PTF (SO14310) CA UTILITY SORT V3.1.0.0 BATCH-13 INSTALL PROBLEM DESCRIPTION: This PTF is an infrastructure prerequisite for CA Utility Sort, and installs BATCH 13 of the CAUTIL SORT API for CA Utilities for DB2 for z/OS products. SYMPTOMS: N/A IMPACT: N/A CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 1436 Copyright (C) 2020 CA. All rights reserved. R01034-D200-SP1 DESC(CA UTILITY SORT V3.1.0.0 BATCH-13 INSTALL). ++VER (Z038) FMID (CUTSK00) PRE (R095918 R095972 R096401 R098970 S000848 S006611 S007927 S009590 S010236 S010470 S011009) SUP (R096005 ST14310 TR96005)

Service	Details																																														
S014335	S014335 M.C.S. ENTRIES = ++PTF (S014335) POPULATE FUNCTION AND CATALOG LEVEL FROM SETUP MEMBER PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the function and catalog level values are not being populated from the SETUP member, though the values are present for Db2 12 subsystems. SYMPTOMS: Currently RCQ gets these values from the SYSLEVELUPDATES table. If the user does not have SELECT access, then RCQ invocation fails with an authorization issue. IMPACT: Authorization issue may occur during CA RC/Query invocation. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1621 Copyright (C) 2020 CA. All rights reserved. R01036-D200-SP1 DESC(POPULATE FUNCTION AND CATALOG LEVEL FROM SETUP MEMBER). ++VER (Z038) FMID (CRCQK00) PRE (R096593 R099569 S000025 S001414 S006875 S010163 S012229) SUP (S007954 ST07954 ST14335 TR99761 TR99776 TR99791 TR99806 TR99821 TR99873) ++HOLD (S014335) SYSTEM FMID(CRCQK00) REASON (ENH) DATE (20225) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> </td><td>CA RC/Query for DB2 for z/OS Version 20.0 </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> SEQUENCE</td><td> After Apply </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> PURPOSE</td><td> As part of this PTF, the Function and Catalog level values </td></tr> <tr> <td> </td><td> that have been specified in the SETUP global parmlib </td></tr> <tr> <td> </td><td> member are now used when CA RC/Query is invoked from a </td></tr> <tr> <td> </td><td> subsystem that is running at least Db2 12. </td></tr> <tr> <td> </td><td> </td></tr> <tr> <td> </td><td> For REMOTE locations, we get these values from the </td></tr> <tr> <td> </td><td> SYSLEVELUPDATES catalog table when they are not available </td></tr> <tr> <td> </td><td> in the SETUP member. To prevent authorization failures </td></tr> <tr> <td> </td><td> when CA RC/Query is invoked, we recommend that users </td></tr> <tr> <td> </td><td> have SELECT authority on this table. </td></tr> <tr> <td> </td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> USERS</td><td> This process is recommended for ALL USERS; however, it is </td></tr> <tr> <td> AFFECTED</td><td> specific to customers using CA RC/Query. </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> KNOWLEDGE</td><td> RCQ Product Administration. </td></tr> <tr> <td> REQUIRED</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> </table>	+-----+			CA RC/Query for DB2 for z/OS Version 20.0	+-----+		SEQUENCE	After Apply	+-----+		PURPOSE	As part of this PTF, the Function and Catalog level values		that have been specified in the SETUP global parmlib		member are now used when CA RC/Query is invoked from a		subsystem that is running at least Db2 12.				For REMOTE locations, we get these values from the		SYSLEVELUPDATES catalog table when they are not available		in the SETUP member. To prevent authorization failures		when CA RC/Query is invoked, we recommend that users		have SELECT authority on this table.			+-----+		USERS	This process is recommended for ALL USERS; however, it is	AFFECTED	specific to customers using CA RC/Query.	+-----+		KNOWLEDGE	RCQ Product Administration.	REQUIRED		+-----+	
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	CA RC/Query for DB2 for z/OS Version 20.0																																														
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AFFECTED	specific to customers using CA RC/Query.																																														
+-----+																																															
KNOWLEDGE	RCQ Product Administration.																																														
REQUIRED																																															
+-----+																																															

Service	Details		
	ACCESS	Access to RCQ Product.	
	REQUIRED		
	+-----+	+-----+	+
	) .		
	CSECT (RQAMI ,#@XFCALN ,RQDCOM@ ,RQAISOL@ ,RQAMICST) .		

Service	Details	
SO14338	SO14338 M.C.S. ENTRIES = ++PTF (SO14338)	
	AFTER APPLYING SO13889 DETECTOR MAY EXPERIENCE SOC4 ABEND	
	PROBLEM DESCRIPTION:	
	CA Detector for DB2 for z/OS (PDT) and Db2 threads may incur SOC4 abends after applying SO13889.	
	SYMPTOMS:	
	Numerous OC4s may occur at various offsets in PDT or Db2 modules. SQL calls fail with OC4 abends.	
	IMPACT:	
	Db2 may become inoperable.	
	CIRCUMVENTION:	
	N/A	
	PRODUCT(S) AFFECTED:	
	CA Detector for DB2 for z/OS	Version 20.0
	Related Problem:	
	PDT 1707	
	Copyright (C) 2020 CA. All rights reserved. R01038-D200-SP1	
	DESC(AFTER APPLYING SO13889 DETECTOR MAY EXPERIENCE SOC4 ABEND) .	
	++VER (Z038)	
	FMID (CPDTK00)	
	PRE (R096168 R096580 R097707 R098429 R099556 S000263	
	S001400 S003942 S004458 S004757 S006116 S006334	
	S006865 S007810 S007988 S008129 S008323 S008789	
	S009065 S010018 S010538 S010908 S011694 S011983	
	S012538 S012921)	
	SUP (AS06334 AS08129 AS13450 AS13889 R099946 SI14306	
	S000423 S006838 S008446 S009828 S010492 S010521	
	S010652 S013450 S013655 S013889 ST00423 ST06838	
	ST08446 ST09828 ST10492 ST10521 ST10652 ST13450	
	ST13655 ST13889 ST14338 TR99946)	
	++HOLD (SO14338) SYSTEM FMID(CPDTK00)	
	REASON (RESTART) DATE (20223)	
	COMMENT (	
	+-----+	
	CA Detector for DB2 for z/OS	Version 20.0
	+-----+	
	SEQUENCE	Before Apply
	+-----+	
	PURPOSE	Avoidance of module mismatch related errors in an Xmanager
	+-----+	
	USERS	Collections of DB2 statistics via Detector or Subsystem
	AFFECTED	Analyzer.
		DB2 subsystems that have active collections.
	+-----+	
	KNOWLEDGE	1. SMP/E
	REQUIRED	2. z/OS System Programming
		3. CA DB2 Tools Installation and Maintenance procedures.
	+-----+	
	ACCESS	1. Product runtime libraries.
	REQUIRED	
	+-----+	

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

Service	Details
SO14381	SO14381 M.C.S. ENTRIES = ++PTF (SO14381) SUPPORT FOR UNLOAD FROM REMOTE DB2 (LUW) RDBMS ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) can now unload from non-z/OS relational DBMS (RDBMS) systems that support Distributed Relational Database Architecture (DRDA). The DRDA protocol supports seamless integration of distributed RDBMS systems. For example, you can now use PFU to unload data from multiple remote Db2 (for Linux, UNIX, and Windows) systems. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1097 Copyright (C) 2020 CA. All rights reserved. R01044-D200-SP1 DESC(SUPPORT FOR UNLOAD FROM REMOTE DB2 (LUW) RDBMS). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004455 S006113 S007807 S008869 S009761 S010004 S010173 S011078 S011084 S012715 S014027 S014174) SUP (ST12171 ST14381) ++IF FMID(CPFUK00) REQ(SO14382) . ++IF FMID(CPUTK00) REQ(SO14383) .

Service	Details		
SO14382	SO14382 M.C.S. ENTRIES = ++PTF (SO14382) SUPPORT FOR UNLOAD FROM REMOTE DB2 (LUW) RDBMS ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) can now unload from non-z/OS relational DBMS (RDBMS) systems that support Distributed Relational Database Architecture (DRDA). The DRDA protocol supports seamless integration of distributed RDBMS systems. For example, you can now use PFU to unload data from multiple remote Db2 (for Linux, UNIX, and Windows) systems. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1097 Copyright (C) 2020 CA. All rights reserved. R01044-D200-SP1 DESC(SUPPORT FOR UNLOAD FROM REMOTE DB2 (LUW) RDBMS). ++VER (Z038) FMID (CPFUK00) PRE (R096582 R099558 S000019 S001402 S001818 S004460 S006118 S006867 S008068 S008112 S008860 S009025 S010175 S011108 S011476 S012108 S012197 S013766 S013960) SUP (AS10023 AS10175 S008352 S010023 S010107 S010442 ST08352 ST10023 ST10106 ST10107 ST10442 ST14382) ++IF FMID(CPUTK00) REQ(SO14383) . ++IF FMID(CINSK00) REQ(SO14027 SO14381) . ++HOLD (SO14382) SYSTEM FMID(CPFUK00) REASON (DB2BIND) DATE (20231) COMMENT (<table border="1"> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> SEQUENCE After Apply PURPOSE Bind Plans and Packages USERS AFFECTED All Users KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. ***** * STEPS TO PERFORM * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about	CA Fast Unload for DB2 for z/OS	Version 20.0
CA Fast Unload for DB2 for z/OS	Version 20.0		

Service	Details
	performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. IMPORTANT! If CA SYSVIEW for DB2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors. <pre> +-----+ CA Fast Unload for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). ++HOLD (SO14382) SYSTEM FMID(CPFUK00) REASON (MSGSKEL) DATE (20231) COMMENT (+-----+ CA Fast Unload for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. </pre>

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

Service	Details
SO14383	SO14383 M.C.S. ENTRIES = ++PTF (SO14383) SUPPORT FOR UNLOAD FROM REMOTE DB2 (LUW) RDBMS ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) can now unload from non-z/OS relational DBMS (RDBMS) systems that support Distributed Relational Database Architecture (DRDA). The DRDA protocol supports seamless integration of distributed RDBMS systems. For example, you can now use PFU to unload data from multiple remote Db2 (for Linux, UNIX, and Windows) systems. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1097 Copyright (C) 2020 CA. All rights reserved. R01044-D200-SP1 DESC(SUPPORT FOR UNLOAD FROM REMOTE DB2 (LUW) RDBMS). ++VER (Z038) FMID (CPUTK00) SUP (ST14383) ++IF FMID(CPFUK00) REQ(SO14382) . ++IF FMID(CINSK00) REQ(SO14027 SO14381) . ++HOLD (SO14383) SYSTEM FMID(CPUTK00) REASON (DB2BIND) DATE (20231) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Utilities Common Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+ ***** * STEPS TO PERFORM * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. IMPORTANT! </pre>

Service	Details
	If CA SYSVIEW for DB2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).

Service	Details		
SO14397	SO14397 M.C.S. ENTRIES = ++PTF (SO14397) DETECTOR MAY CAUSE A SOC4 ABEND DURING COLLECTION SHUTDOWN PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may incur a SOC4 abend when multiple collections are terminated concurrently. SYMPTOMS: The following abend information may be seen in the DB2DIST address space: DBXX,ABND=0C4-00000011,U=S897PTA ,M=N ,C=121. LOCN=:10.245.54.164 No abends are seen in the Xmanager log. IMPACT: An svcdump of a SOC4 abend may be generated. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1709 Copyright (C) 2020 CA. All rights reserved. R01046-D200-SP1 DESC(DETECTOR MAY CAUSE A SOC4 ABEND DURING COLLECTION SHUTDOWN). ++VER (Z038) FMID (CPDTK00) PRE (R096580 R098429 S001400 S003942 S004458 S004757 S006116 S006334 S007810 S010908 S011694 S013889 S014338) SUP (S010521 ST10521 ST14397) ++HOLD (SO14397) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (20226) 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.	CA Detector for DB2 for z/OS	Version 20.0
CA Detector for DB2 for z/OS	Version 20.0		

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

Service	Details
SO14400	SO14400 M.C.S. ENTRIES = ++PTF (SO14400) UPDATE PPA POST-INSTALL CUSTOMIZE AND DB2 TASKS ENHANCEMENT DESCRIPTION: For CA Plan Analyzer for DB2 for z/OS (PPA), the online post-install instructions for product customization have been improved. The PPA Product Customization instructions have been updated to reference both Db2 catalog customization tasks (Plan Analyzer Install/Upgrade Customization and Plan Analyzer Stored Procedure Installation). The instructions for the Plan Analyzer Stored Procedure Installation task have also been updated to indicate that stored procedure execution is limited to a specific runtime library. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 1032 Copyright (C) 2020 CA. All rights reserved. R01047-D200-SP1 DESC (UPDATE PPA POST-INSTALL CUSTOMIZE AND DB2 TASKS) . ++VER (Z038) FMID (CPPAK00) SUP (ST14400)

Service	Details
SO14401	SO14401 M.C.S. ENTRIES = ++PTF (SO14401) The following items are included in this solution: 1. DBM DS API - ZOWE API MEDIATION LAYER CONFORMANCE 2. DBM DATA SERVICE SQLCODE SUPPORT ===== DBM DS API - ZOWE API MEDIATION LAYER CONFORMANCE ENHANCEMENT DESCRIPTION: The DBM Data Service RESTful API is updated to meet Zowe API Mediation Layer (Zowe API ML) Conformance criteria. Below changes are made to meet Zowe API ML Conformance criteria. . DBM Data Service API supports Single Sign-on service. . API Response is updated to hide hostname and port. . API ID is updated to follow java package naming convention. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS

Service	Details
	ACCESS Access to DB2 Tools product libraries REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** (Optional - only if using Zowe API Mediation Layer integration) 1. Customize and submit the PXMDS001 member in hlq.CDBAJCL 2. In the hlq.DBMDS.CONFIG dataset, copy the previous configuration settings to the new members. Values from @PXMDSEN should be copied into PXMDSENV, and values from @PXMSXC should be copied into PXMSXCC. 3. Fill out the DBM Data Service API Catalog configuration section in the PXMDSENV configuration file. 4. Restart the DBM Data Service.). LINK('.. /PXM/ds/dbm-ds.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(PXMDSSMP,PRE) .

Service	Details				
SO14404	SO14404 M.C.S. ENTRIES = ++PTF (SO14404) UNWANTED BEHAVIOR OF IMPORT AND COPY COMMANDS PROBLEM DESCRIPTION: CA Report Facility (PRF) IMPORT and COPY commands cause unwanted behavior while working with objects defined under non-default Creator IDs. When you import objects defined under a non-default Creator ID, and with Replace option 'N', the object on the first index is imported and replaced even if the object already exists in PRF. When you copy objects defined under a non-default Creator ID, and with the SHR option 'Y', the target object is created with the SHR option 'U' instead. SYMPTOMS: For the IMPORT command, the object already existing in PRF gets replaced. For the COPY command, the target object is created with the SHR option 'U'. IMPACT: PRF users get undesirable results while working with IMPORT and COPY commands for objects defined under a non-default Creator ID. CIRCUMVENTION: For the COPY command, the users have to edit the SHR option and change it to 'Y'. PRODUCT(S) AFFECTED: <table> <tr> <td>CA Report Facility</td><td>Version 19.0</td></tr> <tr> <td>CA Report Facility</td><td>Version 20.0</td></tr> </table> Related Problem: BIPRF 724 Copyright (C) 2020 CA. All rights reserved. R01049-D200-SP1 DESC(UNWANTED BEHAVIOR OF IMPORT AND COPY COMMANDS). ++VER (Z038) FMID (CPRFK00) PRE (R097712 R098496 R099195 R099562 S001406 S004464 S006443 S007815 S008025 S009662 S011296 S011731 S013730) SUP (ST07280 ST14404) ++IF FMID(CPRFK01) REQ(S014405) . ++IF FMID(CPRFK02) REQ(S014406) . CSECT(XXXXMML) . CSECT(XXXXTCP) .	CA Report Facility	Version 19.0	CA Report Facility	Version 20.0
CA Report Facility	Version 19.0				
CA Report Facility	Version 20.0				

Service	Details
SO14426	SO14426 M.C.S. ENTRIES = ++PTF (SO14426) RCQ DB-LC REPORT ENDS WITH RQ033E INTERNAL ERROR PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the DB-LC (Database-Listcat) report ends with RQ033E error due to insufficient storage for the large databases. SYMPTOMS: RCQ DB-LC report ends with RQ033E error. IMPACT: The RC/Q DB-LC report is not generated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1619 Copyright (C) 2020 CA. All rights reserved. R01050-D200-SP1 DESC(RCQ DB-LC REPORT ENDS WITH RQ033E INTERNAL ERROR) . ++VER (Z038) FMID (CRCQK00) PRE (R099569) SUP (ST14426) CSECT(RQACMLC,LCIORTN,COMCMLC) .

Service	Details																		
SO14427	SO14427 M.C.S. ENTRIES = ++PTF (SO14427) S806-04 WITH TAPE INPUT AND MISSING ICETPEX PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) may fail with an S806-04 abend. This happens when input data set(s) are stored on a tape and the ICETPEX routine is not available on the system. SYMPTOMS: The following messages are printed in the JESMSG LG output: CSV003I REQUESTED MODULE ICETPEX NOT FOUND CSV028I ABEND806-04 JOBNAME=jobname STEPNAME=stepname IMPACT: Abnormal termination of the PFL job. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1299 Copyright (C) 2020 CA. All rights reserved. R01051-D200-SP1 DESC(S806-04 WITH TAPE INPUT AND MISSING ICETPEX). ++VER (Z038) FMID (CPFLK00) PRE (SO11846 SO13765) SUP (SO12585 ST12585 ST14427) ++IF FMID(CPUTK00) REQ(SO14428) . ++HOLD (SO14427) SYSTEM FMID(CPFLK00) REASON (MSGSKEL) DATE (20225) COMMENT (<table border="1"> <tr> <td>CA Fast Load 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. 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.	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
CA Fast Load for DB2 for z/OS	Version 20.0																		
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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
	Refer to the Post Installation and Customization Guide for details.).

Service	Details
SO14428	SO14428 M.C.S. ENTRIES = ++PTF (SO14428) S806-04 WITH TAPE INPUT AND MISSING ICETPEX PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) may fail with an S806-04 abend. This happens when input data set(s) are stored on a tape and the ICETPEX routine is not available on the system. SYMPTOMS: The following messages are printed in the JESMSGLG output: CSV003I REQUESTED MODULE ICETPEX NOT FOUND CSV028I ABEND806-04 JOBNAME=jobname STEPNAME=stepname IMPACT: Abnormal termination of the PFL job. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1299 Copyright (C) 2020 CA. All rights reserved. R01051-D200-SP1 DESC(S806-04 WITH TAPE INPUT AND MISSING ICETPEX). ++VER (Z038) FMID (CPUTK00) PRE (S007820 S008072 S008429 S008586 S011521 S011848 S013767) SUP (ST14428) ++IF FMID(CPFLK00) REQ(SO14427) .

Service	Details
SO14433	SO14433 M.C.S. ENTRIES = ++PTF (SO14433) CHECK INDEX OR REORG S04E/00C9021C AFTER PFL WITH CLONES PROBLEM DESCRIPTION: The IBM CHECK INDEX or REORG utilities may end abnormally with an S04Eabend code, reason 00C9021C when they are run against an object previously loaded using CA Fast Load for DB2 for z/OS (PFL). This happens when PFL performs a LOAD REPLACE on a base table after the EXCHANGE command was executed to switch the content of the base table and its associated clone table. SYMPTOMS: The CHECK INDEX utility prints the following message and abends with S04E: DSNUGSAT - UTILITY DATA BASE SERVICES MEMORY EXECUTION ABENDED, REASON=X'00C9021C' The REORG utility prints the following message and abends with S04E: DSNUGBAC - UTILITY DATA BASE SERVICES MEMORY EXECUTION ABENDED, REASON=X'00E40347' CAUSE=X'00C9021C' The Db2 MSTR address space contains the following message for both utilities: DSNIO13I !ssid DSNISNPG POTENTIALLY INCONSISTENT DATA REASON 00C9021C ERQUAL 5007 TYPE 00000302 NAME dbname .tsname .X'ppp00001' CONNECTION-ID=UTILITY CORRELATION-ID=jobname LUW-ID=luw-id IMPACT: Inconsistent data in the space map may cause failures in subsequent utilities. CIRCUMVENTION: Run CA Rapid Reorg for DB2 for z/OS (PRR) to fix the space map. 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 1287 Copyright (C) 2020 CA. All rights reserved. R01052-D200-SP1 DESC(CHECK INDEX OR REORG S04E/00C9021C AFTER PFL WITH CLONES). ++VER (Z038) FMID (CPFLK00) PRE (R096581 R097708 S000018 S000081 S004459 S005012 S006117 S006866 S011325 S011996 S012150 S013066 S013175 S013203 S014031) SUP (AS09180 AS13203 S009180 S009378 S014025 ST05071 ST09180 ST09378 ST14018 ST14025 ST14433)

Service	Details
SO14452	SO14452 M.C.S. ENTRIES = ++PTF (SO14452) GENERATION OF WRONG CONTROL CARD OPTIONS IN DDL REPORT PROBLEM DESCRIPTION: CA Log Analyzer for DB2 FOR Z/OS (PLA) generates a default value for GRANTREV ,BINDRBND control cards when option 'o' is chosen on the ISPF panel. IMPACT: Unexpected value is generated for GRANTREV,BINDRBND control cards. CIRCUMVENTION: Modify the generated control cards appropriately. GRANTREV(ONLY) and BINDRBND(ONLY) control cards are valid and do produce a restricted report. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Release 20.0 Related Problem: PLA 1320 Copyright (C) 2020 CA. All rights reserved. R01053-D200-SP1 DESC(GENERATION OF WRONG CONTROL CARD OPTIONS IN DDL REPORT) . ++VER (Z038) FMID (CPLAK00) PRE (R096583 R097709 R099559 S000975 S001403 S004245 S004461 S006119 S008802 S009252 S010677 S011113 S011669 S012889 S014137) SUP (AS14137 ST14452)

Service	Details
SO14483	SO14483 M.C.S. ENTRIES = ++PTF (SO14483) PFR DSNUM RECOVER SKIPS LOG RECORDS PROBLEM DESCRIPTION: CA Fast Recover for Db2 for z/OS (PFR) may fail to apply log records to some partitions of a partitioned table space during RECOVER. CA Merge/Modify for Db2 for z/OS (PMM) ACCUMULATE processing is also affected. SYMPTOMS: The RECOVER or ACCUMULATE job successfully finishes with RC=0, but the the recovered table space / copy is in an inconsistent state. IMPACT: Some partitions of a partitioned table space contain inconsistent data after partition level (DSNUM) recovery. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1071 Copyright (C) 2020 CA. All rights reserved. R01056-D200-SP1 DESC(PFR DSNUM RECOVER SKIPS LOG RECORDS). ++VER (Z038) FMID (CUGRK00) PRE (S007826 S012352 S012902) SUP (ST14483)

Service	Details
SO14491	SO14491 M.C.S. ENTRIES = ++PTF (SO14491) MAINFRAME TEAM CENTER ADD SQLCODES REPORT WITH CHARTS ENHANCEMENT DESCRIPTION: The Mainframe Team Center - Database Management for Db2 for z/OS user interface for the CA Database Management Solutions for Db2 for z/OS has been enhanced to provide a new SQLCODES report under the Performance categories with charts and ability to see details using 'View SQLCODE detail' action. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: PDT 1708 Copyright (C) 2020 CA. All rights reserved. R01057-D200-SP1 DESC(MAINFRAME TEAM CENTER ADD SQLCODES REPORT WITH CHARTS) . ++VER (Z038) FMID (CINSK00) PRE (S001396 S007807 S008825 S010061 S012323 S013484 S014401) SUP (S014168 ST11667 ST14168 ST14491) LINK('..PDT/ui/mtc-dbm.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(PDTAAMKD,PRE) .

Service	Details
SO14500	SO14500 M.C.S. ENTRIES = ++PTF (SO14500) UNLOAD FAILS AFTER DROPPED COLUMNS PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may fail when unloading a tablespace with SQL-ACCESS NONE or EXTENSION when table columns have been dropped. SYMPTOMS: - The job finishes with RC 8. - The following message is printed to the JESMSG LG DD: CA VREX: Error occurred while processing CA VREX: DBNAME=<database> TSNAME=<tablespace> CA VREX.BLD: Unknown from/to column data type pair !!! - The following message is printed to the PTIMSG01 DD: PFU0392E - UTAFUULT RECEIVED EXECUTION ERROR FROM UTLFUSPG - ECB 4000032B IMPACT: Processing fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 19.0 CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1104 Copyright (C) 2020 CA. All rights reserved. R01058-D200-SP1 DESC(UNLOAD FAILS AFTER DROPPED COLUMNS). ++VER (Z038) FMID (CINSK00) PRE (S000016 S001396 S011475) SUP (ST14472 ST14500) ++IF FMID(CPFUK00) REQ(SO14501) . ++IF FMID(CPUTK00) REQ(SO14502) .

Service	Details																									
SO14501	SO14501 M.C.S. ENTRIES = ++PTF (SO14501) UNLOAD FAILS AFTER DROPPED COLUMNS PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may fail when unloading a tablespace with SQL-ACCESS NONE or EXTENSION when table columns have been dropped. SYMPTOMS: - The job finishes with RC 8. - The following message is printed to the JESMSG LG DD: CA VREX: Error occurred while processing CA VREX: DBNAME=<database> TSNAME=<tablespace> CA VREX.BLD: Unknown from/to column data type pair !!! - The following message is printed to the PTIMSG01 DD: PFU0392E - UTAFUULT RECEIVED EXECUTION ERROR FROM UTLFUSPG - ECB 4000032B IMPACT: Processing fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 19.0 CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1104 Copyright (C) 2020 CA. All rights reserved. R01058-D200-SP1 DESC (UNLOAD FAILS AFTER DROPPED COLUMNS). ++VER (Z038) FMID (CPFUK00) PRE (R096582 R099558 S000019 S001402 S001818 S004460 S005013 S005503 S006118 S006867 S008068 S008112 S008860 S009025 S011108 S011476 S011997 S012108 S013766 S013960 S014032 S014382) SUP (AR99558 S000295 S011993 S013437 ST00295 ST11993 ST13437 ST14501) ++IF FMID(CPUTK00) REQ(SO14502) . ++IF FMID(CINSK00) REQ(SO14500) . ++HOLD (SO14501) SYSTEM FMID(CPFUK00) REASON (MSGSKEL) DATE (20232) COMMENT (<table border="1"> <tr> <td colspan="2">CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td colspan="2">After Apply</td></tr> <tr> <td>PURPOSE</td><td colspan="2">Relink XMESSAGES</td></tr> <tr> <td>USERS</td><td colspan="2"></td></tr> <tr> <td>AFFECTED</td><td colspan="2">All CA DB2 Tools Users</td></tr> <tr> <td>KNOWLEDGE</td><td colspan="2"></td></tr> <tr> <td>REQUIRED</td><td colspan="2">CA DB2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td colspan="2">1. CA DB2 Tools Post Install</td></tr> </table>		CA Fast Unload for DB2 for z/OS		Version 20.0	SEQUENCE	After Apply		PURPOSE	Relink XMESSAGES		USERS			AFFECTED	All CA DB2 Tools Users		KNOWLEDGE			REQUIRED	CA DB2 Tools Post Install Customization.		ACCESS	1. CA DB2 Tools Post Install	
CA Fast Unload for DB2 for z/OS		Version 20.0																								
SEQUENCE	After Apply																									
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KNOWLEDGE																										
REQUIRED	CA DB2 Tools Post Install Customization.																									
ACCESS	1. CA DB2 Tools Post Install																									

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

Service	Details	
SO14502	SO14502 M.C.S. ENTRIES = ++PTF (SO14502) UNLOAD FAILS AFTER DROPPED COLUMNS PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may fail when unloading a tablespace with SQL-ACCESS NONE or EXTENSION when table columns have been dropped. SYMPTOMS: - The job finishes with RC 8. - The following message is printed to the JESMSG LG DD: CA VREX: Error occurred while processing CA VREX: DBNAME=<database> TSNAME=<tablespace> CA VREX.BLD: Unknown from/to column data type pair !!! - The following message is printed to the PTIMSG01 DD: PFU0392E - UTAFUULT RECEIVED EXECUTION ERROR FROM UTLFUSPG - ECB 4000032B IMPACT: Processing fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 19.0 CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1104 Copyright (C) 2020 CA. All rights reserved. R01058-D200-SP1 DESC (UNLOAD FAILS AFTER DROPPED COLUMNS). ++VER (Z038) FMID (CPUTK00) PRE (R096590 S000024 S005016 S006127 S007820 S007894 S008072 S008429 S008586 S009253 S011110 S011238 S011521 S011848 S011849 S012717 S013153 S013767 S013961) SUP (ST14474 ST14502) ++IF FMID(CPFUK00) REQ(SO14501) . ++IF FMID(CINSK00) REQ(SO14500) . ++HOLD (SO14502) SYSTEM FMID(CPUTK00) REASON (MSGSKEL) DATE (20232) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Utilities Common Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install	

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
SO14531	SO14531 M.C.S. ENTRIES = ++PTF (SO14531) IQL MERGE GENERATES DUPLICATES RECORDS PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) generates duplicate records for archive unload datasets for IQLs such as ARCIEDA, ARCISTD, ARCISTDB, ARCISTDG, ARCISTS. SYMPTOMS: Duplicate records are generated. Archive tables fail to load. IMPACT: Archive tables are not up to date. Data is lost. CIRCUMVENTION: None. 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 2516 Copyright (C) 2020 CA. All rights reserved. R01061-D200-SP1 DESC(IQL MERGE GENERATES DUPLICATES RECORDS). ++VER (Z038) FMID (CIDBK00) PRE (R096575 SO01395 SO06112 SO06862 SO08846 SO10160 SO11977 SO13508 SO13891) SUP (ST14358 ST14531) CSECT(NSIRECMG,NSIRECM#).

Service	Details
SO14565	SO14565 M.C.S. ENTRIES = ++PTF (SO14565) SUPPORT FOR ONLINE EXECUTION MODE WILL BE DISCONTINUED PROBLEM DESCRIPTION: In the future, CA Database Analyzer for DB2 FOR z/OS (PDA) will no longer support Online Execution Mode. SYMPTOMS: None IMPACT: After implementation of this maintenance, PDA users will receive the following informational panel message once per session. We recommend customers transition to Batch Execution Mode as soon as possible. Panel Message: Execution Mode ==> 0 (B)atch, (O)nlne <pre> ----- Online Execution Mode will be removed soon. Contact Broadcom Support for details. ----- </pre> CIRCUMVENTION: Use Batch Execution Mode instead. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 1365 Copyright (C) 2020 CA. All rights reserved. R01062-D200-SP1 DESC(SUPPORT FOR ONLINE EXECUTION MODE WILL BE DISCONTINUED). ++VER (Z038) FMID (CPDAK00) SUP (ST14565)

Service	Details
SO14566	SO14566 M.C.S. ENTRIES = ++PTF (SO14566) SORTLOG YES RECOVER ENGINE REFACTORING ENHANCEMENT DESCRIPTION: The core code of the SORTLOG YES recover processing (utilized in the Fast Recover and Merge/Modify products) has been reviewed and simplified. This has been done in order to enable faster development of future enhancements and easier maintainability of the code. The log apply phase of database recovery on DB2 V12 has been enabled. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1066 Copyright (C) 2020 CA. All rights reserved. R01063-D200-SP1 DESC(SORTLOG YES RECOVER ENGINE REFACTORING). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004250 S004455 S005011 S006113 S006608 S006863 S007379 S007807 S008804 S008869 S009022 S009183 S009761 S009785 S010004 S010173 S010200 S010676 S011078 S011084 S011684 S011966 S012715 S014029 S014174 S014381) SUP (ST10964 ST12171 ST12714 ST14370 ST14373 ST14376 ST14516 ST14566) ++IF FMID(CPUTK00) REQ(SO14567) . ++IF FMID(CUGRK00) REQ(SO14568) . ++HOLD (SO14566) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20234) 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. </pre>

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

Service	Details
SO14567	SO14567 M.C.S. ENTRIES = ++PTF (SO14567) SORTLOG YES RECOVER ENGINE REFACTORING ENHANCEMENT DESCRIPTION: The core code of the SORTLOG YES recover processing (utilized in the Fast Recover and Merge/Modify products) has been reviewed and simplified. This has been done in order to enable faster development of future enhancements and easier maintainability of the code. The log apply phase of database recovery on DB2 V12 has been enabled. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1066 Copyright (C) 2020 CA. All rights reserved. R01063-D200-SP1 DESC(SORTLOG YES RECOVER ENGINE REFACTORING) . ++VER (Z038) FMID (CPUTK00) PRE (R096590 R097717 R098969 R099566 S000024 S001411 S001659 S004248 S004469 S004798 S005016 S006127 S006610 S007172 S007820 S008586 S008803 S008871 S009027 S009253 S009672 S010678 S011085 S011114 S011999 S012153 S012901 S013205 S013316 S013626 S013880 S014035 S014277) SUP (S010495 S012730 ST06289 ST10495 ST10965 ST12730 ST14371 ST14374 ST14377 ST14517 ST14567) ++IF FMID(CUGRK00) REQ(SO14568) . ++IF FMID(CINSK00) REQ(SO14566) .

Service	Details
SO14568	SO14568 M.C.S. ENTRIES = ++PTF (SO14568) SORTLOG YES RECOVER ENGINE REFACTORING ENHANCEMENT DESCRIPTION: The core code of the SORTLOG YES recover processing (utilized in the Fast Recover and Merge/Modify products) has been reviewed and simplified. This has been done in order to enable faster development of future enhancements and easier maintainability of the code. The log apply phase of database recovery on DB2 V12 has been enabled. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1066 Copyright (C) 2020 CA. All rights reserved. R01063-D200-SP1 DESC(SORTLOG YES RECOVER ENGINE REFACTORING) . ++VER (Z038) FMID (CUGRK00) PRE (R096595 R099574 S000029 S000788 S001418 S001660 S001668 S001855 S004249 S004251 S004475 S004799 S005018 S006132 S006879 S007826 S007905 S008280 S008466 S008833 S008841 S009742 S009903 S010165 S010401 S010818 S011083 S011382 S011605 S012000 S012155 S012279 S012352 S012530 S013130 S013206 S013586 S013768 S014036) SUP (S009911 S010553 S011086 S012018 S012235 ST01389 ST06479 ST09374 ST09911 ST10553 ST11086 ST12018 ST12090 ST12235 ST14518 ST14568) ++IF FMID(CPUTK00) REQ(SO14567) . ++IF FMID(CINSK00) REQ(SO14566) .

Service	Details						
SO14570	SO14570 M.C.S. ENTRIES = ++PTF (SO14570) SECQTY VALUE MISSING IN CREATE TABLESPACE DDL PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS(RCM), Object Framework services (OFS) does not generate the SECQTY value in CREATE TABLESPACE DDL of range-partitioned tablespace in Quick Migrate analysis output with the OFS parmlib options 1. GENERATE_COMMON_PARTITION_SPECIFICATIONS_AT_GLOBAL_LEVEL set to 'Y' and 2. GENERATE_DEFAULT_CLAUSES_IN_CREATE set to 'N'. SYMPTOMS: SECQTY value is missing in the generated DDL. IMPACT: DDL is not executable. CIRCUMVENTION: Set OFS parmlib options GENERATE_COMMON_PARTITION_SPECIFICATIONS_AT_GLOBAL_LEVEL to 'N' and GENERATE_DEFAULT_CLAUSES_IN_CREATE to 'Y' PRODUCT(S) AFFECTED: <table> <tr> <td>CA Database Management Solutions for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Query for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: OFS 701 Copyright (C) 2020 CA. All rights reserved. R01064-D200-SP1 DESC(SECQTY VALUE MISSING IN CREATE TABLESPACE DDL). ++VER (Z038) FMID (COFSK00) PRE (R096577 R097705 R099554 S001397 S006114 S006864 S012362) SUP (ST14570)	CA Database Management Solutions for DB2 for z/OS	Version 20.0	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Query for DB2 for z/OS	Version 20.0
CA Database Management Solutions for DB2 for z/OS	Version 20.0						
CA RC/Migrator for DB2 for z/OS	Version 20.0						
CA RC/Query for DB2 for z/OS	Version 20.0						

Service	Details
SO14583	SO14583 M.C.S. ENTRIES = ++PTF (SO14583) Security or Integrity Problem PROBLEM DESCRIPTION: Security or Integrity Problem. SYMPTOMS. N/A IMPACT. Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PXM 222 Copyright (C) 2020 CA. All rights reserved. R01065-D200-SP1 DESC(Security or Integrity Problem). ++VER (Z038) FMID (CINSK00) PRE (S012924 S013717) SUP (EC04039 ST14583) ++HOLD (SO14583) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20235) 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>

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
SO14613	SO14613 M.C.S. ENTRIES = ++PTF (SO14613) SUPPORT RECOVERING IDENTITY COLUMN FOR ADOR This enhancement for CA Log Analyzer for DB2 for z/OS (PLA) adds to Dropped Object Recovery support for recovering the next value for the identity column of a dropped table. This enhancement uses the ALTER TABLE tbname ALTER COLUMN colname RESTART WITH value statement to set the next value of the identity column to the value before the drop of the original table. This allows rows to be inserted into the recovered table with the same identity column values as would be for the dropped table. ENHANCEMENT DESCRIPTION: PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1310 Copyright (C) 2020 CA. All rights reserved. R01067-D200-SP1 DESC(SUPPORT RECOVERING IDENTITY COLUMN FOR ADOR). ++VER (Z038) FMID (CPLAK00) PRE (R099559 S000020 S000975 S001403 S004245 S004461 S006119 S006868 S008802 S009083 S009133 S010677 S011113 S011419 S011669 S011782 S012173 S012797 S012889 S012900 S013009 S013625 S013879 S014137 S014142) SUP (ST13747 ST14613) ++HOLD (SO14613) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (20240) COMMENT (<pre> +-----+ CA Log Analyzer for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** </pre> Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step.

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

Service	Details
SO14615	SO14615 M.C.S. ENTRIES = ++PTF (SO14615) RMA091E ISSUED WHEN COLUMN COMMENT TEXT IS 255 CHARACTERS PROBLEM DESCRIPTION: When using CA RC/Migrator for DB2 for z/OS (RCM) to drop or add a column, the message RMA091E is issued during analysis if the remarks for the column are 255 characters long and have trailing blanks. SYMPTOMS: RMA091E THE CURRENT CATALOG DEFINITION OF TABLE <tbcreator>.<tbname> DOES NOT MATCH THE DEFINITION WHICH EXISTED AT TIME OF EDIT. THE OBJECT WILL NOT BE ALTERED. IMPACT: DDL is not be generated. CIRCUMVENTION: Update the column remarks by removing the trailing blanks. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3075 Copyright (C) 2020 CA. All rights reserved. R01068-D200-SP1 DESC(RMA091E ISSUED WHEN COLUMN COMMENT TEXT IS 255 CHARACTERS). ++VER (Z038) FMID (CINSK00) PRE (RO97704 R099553 S001396 S004718 S007379 S009105 S011691 S011866 S011966 S012361 S012933 S014125) SUP (ST14615) ++HOLD (SO14615) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20244) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. </pre>

Service	Details
	1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).

Service	Details
SO14623	SO14623 M.C.S. ENTRIES = ++PTF (SO14623) U0076 ABEND WHEN SYNTAX CHECKING MULTIPLE CREATE TS DDL PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the Syntax Checker with OBJVER=Y ends with U0076 abend when checking multiple create tablespace DDL. SYMPTOMS: U0076 abend when syntax checking with OBJVER=Y. IMPACT: Customer will not be able to syntax check valid create tablespace DDL with OBJVER=Y. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3076 Copyright (C) 2020 CA. All rights reserved. R01069-D200-SP1 DESC(U0076 ABEND WHEN SYNTAX CHECKING MULTIPLE CREATE TS DDL). ++VER (Z038) FMID (CINSK00) PRE (S001396 S007379 S009105 S011966 S012361 S012933 S014125) SUP (ST14623)

Service	Details
S014624	S014624 M.C.S. ENTRIES = ++PTF (S014624) UNEXPECTED THREAD HIST MENU BEHAVIOR WITH OLDER MAINTENANCE PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) menu panel numbers differ from the actual menu navigation numbers when the User Interface (UI) and Data Collector (DC) run on product libraries with different maintenance levels. Libraries mismatch can produce some minor menu differences. But the thread history menu shift, introduced with PTF S013557, makes the menus too convoluted. SYMPTOMS: When the UI runs with S013557, and the connected DC runs without that maintenance, the displayed thread history menu and navigation menu numbers shift up by one: - " 4 Resource Limit Facility" navigates to former "4 Packages.." - " 5 Packages (collection, SP/UDF, trigger)" -> "5 IFI Counts.." - " 6 IFI Counts / Data Capture Facility" -> " 6 Group Buffer Pools" - " 7 Group Buffer Pools" -> "7 Global Locking" - " 8 Global Locking" -> "8 Dynamic Prepare / Row Access" - " 9 Dynamic Prepare / Row Access" -> "9 DB2 Routine Counts" - "10 DB2 Routine Counts" -> "10 Accelerator Services" - "11 Accelerator Services" -> "11 CA SYSVIEW for DB2 Accounting.." - "12 CA SYSVIEW for DB2 Accounting Collection Data" -> fails with the error message "DBG55016E Invalid selection on report". When the UI runs without S013557, and the connected DC runs with that maintenance, the displayed thread history menu and navigation menu numbers shift down by one: - " 4 Packages (collection, SP/UDF, trigger)" navigates to new "4 RLF" - " 5 IFI Counts / Data Capture Facility" -> "5 Packages.." - " 6 Group Buffer Pools" -> "6 IFI Counts.." - " 7 Global Locking" -> "7 Group Buffer Pools" - " 8 Dynamic Prepare / Row Access" -> "8 Global Locking" - " 9 DB2 Routine Counts" -> "9 Dynamic Prepare / Row Access" - "10 Accelerator Services" -> "10 DB2 Routine Counts" - "11 CA SYSVIEW for DB2 Accounting Collection Data" -> "11 Accelerator Services" - Menu item 12 is not displayed but navigates to "CA SYSVIEW for DB2 Accounting Collection" IMPACT: Displayed Thread History menus become unreliable. CIRCUMVENTION: Either increase or decrease the menu option number, starting from item 4. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2522 Copyright (C) 2020 CA. All rights reserved. R01070-D200-SP1 DESC(UNEXPECTED THREAD HIST MENU BEHAVIOR WITH OLDER MAINTENANCE). ++VER (Z038) FMID (CIDBK00) PRE (S001395 S004454 S010160 S013557 S014099) SUP (AS14099 ST14624) ++HOLD (S014624) SYSTEM FMID(CIDBK00)

Service	Details
	REASON (ACTION) DATE (20241) COMMENT (+-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Both before Apply and after Apply +-----+ PURPOSE Resolve the problem in the thread history menu and navigation menu numbers, to ensure there is no mismatch between the displayed and actual menu options. After the fix applied, the thread history menu will look as follows: 1 Remote Locations 2 SQL Counts 3 List Prefetch / RID Pool 4 Packages (collection, SP/UDF, trigger) 5 IFI Counts / Data Capture Facility 6 Group Buffer Pools 7 Global Locking 8 Dynamic Prepare / Row Access 9 DB2 Routine Counts 10 Accelerator Services 11 CA SYSVIEW for DB2 Accounting Collection Data 12 Parallel I/O Thread List 13 Parallelism / Miscellaneous / IAG / Workfile 14 Resource Limit Facility After the fix applied. If the UI does not use the same maintenance as the data collector, the following navigation mismatches occur: Menu options 13 "Parallelism/Miscellaneous/IAG/Workfile" and 14 "Resource Limit Facility" are not presented, but could be selected using menu options 13 and 14. or Menu options 13 "Parallelism/Miscellaneous/IAG/Workfile" and 14 "Resource Limit Facility" are presented, but could not be selected using menu options 13 and 14. Before the fix applied. If the UI does not use the same maintenance as the data collector, the following navigation mismatches occur: - " 4 Resource Limit Facility" navigates to former "4 Packages.." - " 5 Packages (collection, SP/UDF, trigger)" -> " 5 IFI Counts.." - " 6 IFI Counts / Data Capture Facility" ->

Service	Details
	<pre> " 6 Group Buffer Pools" - " 7 Group Buffer Pools" -> " 7 Global Locking" - " 8 Global Locking" -> " 8 Dynamic Prepare / Row Access" - " 9 Dynamic Prepare / Row Access" -> " 9 DB2 Routine Counts" - "10 DB2 Routine Counts" -> "10 Accelerator Services" - "11 Accelerator Services" -> "11 CA SYSVIEW for DB2 Accounting.." - "12 CA SYSVIEW for DB2 Accounting Collection Data" -> fails with the error message "DBG55016E Invalid selection on report". or - " 4 Packages (collection, SP/UDF, trigger)" navigates to new "4 RLF" - " 5 IFI Counts / Data Capture Facility" -> " 5 Packages.." - " 6 Group Buffer Pools" -> "6 IFI Counts.." - " 7 Global Locking" -> "7 Group Buffer Pools" - " 8 Dynamic Prepare / Row Access" -> "8 Global Locking" - " 9 DB2 Routine Counts" -> " 9 Dynamic Prepare / Row Access" - "10 Accelerator Services" -> "10 DB2 Routine Counts" - "11 CA SYSVIEW for DB2 Accounting Collection Data" -> "11 Accelerator Services" - Menu item 12 is not displayed but navigates to "CA SYSVIEW for DB2 Accounting Collection" +-----+ USERS The hold data are relevant for all customers who use AFFECTED CA SYSVIEW Performance Management Option for DB2 for z/OS. +-----+ KNOWLEDGE CA SYSVIEW Performance Management Option for DB2 for z/OS. REQUIRED +-----+ ACCESS CA SYSVIEW Performance Management Option for DB2 for z/OS. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1. To ensure there is no mismatch between the displayed and actual menu options, apply the maintenance to all systems. 2. If the maintenance can not be rolled out everywhere at the same time, apply the maintenance first to the libraries used to run the user interface.). </pre>

Service	Details																																										
SO14634	SO14634 M.C.S. ENTRIES = ++PTF (SO14634) SBOA-18 ABEND DURING NON-DISTRIBUTED DB2 THREAD TERMINATION PROBLEM DESCRIPTION: An SBOA-18 abend may occur in CA Thread Termination/Dynamic ZPARM for DB2 for z/OS (PTT) during an attempt to terminate a non-distributed DB2 thread. This abend can occur when the DB2 thread terminates without PTT's involvement at the moment at which PTT is attempting to terminate it. SYMPTOMS: The following message will appear in the log for the job that is driving PTT to terminate the thread: PTT1104E ABEND OCCURRED PROCESSING REQUEST. RC=00B0A000-00000018. IMPACT: None. The desired result of DB2 thread termination is achieved before the SBOA-18 abend occurs. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Base Install</td><td>Version 19.0</td></tr> <tr> <td>CA DBM Solutions for DB2 for z/OS Base Install</td><td>Version 20.0</td></tr> <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: PTT 363 Copyright (C) 2020 CA. All rights reserved. R01071-D200-SP1 DESC(SBOA-18 ABEND DURING NON-DISTRIBUTED DB2 THREAD TERMINATION). ++VER (Z038) FMID (CINSK00) PRE (S001396 S001665 S006113 S006863 S012396 S012537 S013509) SUP (S005070 S009693 S009929 ST05070 ST09693 ST09929 ST14634) ++HOLD (SO14634) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20241) COMMENT (<table> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> </td><td>CA DBM Solutions for DB2 for z/OS Base In Version 20.0 </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> SEQUENCE</td><td> Before Apply </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> PURPOSE</td><td> Avoidance of module mismatch related errors in an Xmanager </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> USERS</td><td> Collections of DB2 statistics via Detector or Subsystem </td></tr> <tr> <td> AFFECTED</td><td> Analyzer. </td></tr> <tr> <td> </td><td> DB2 subsystems that have active collections. </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> KNOWLEDGE</td><td> 1. SMP/E </td></tr> <tr> <td> REQUIRED</td><td> 2. z/OS System Programming </td></tr> <tr> <td> </td><td> 3. CA DB2 Tools Installation and Maintenance procedures. </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> ACCESS</td><td> 1. Product runtime libraries. </td></tr> <tr> <td> REQUIRED</td><td> </td></tr> </table>	CA DBM Solutions for DB2 for z/OS Base Install	Version 19.0	CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0	CA 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 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 Install	Version 19.0																																										
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Service	Details
	<pre> +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.). CSECT(TT\$RP2C0,UDBRP,ESTAERP,XDB2CMD,CHKRTCDE,CONVNUM,FREEPSET, GETZDATA,SCHDLOAD,SCHEDULE,CIRBSRB,ESTAEIRB,EXITIRB,LOADIRB, KILLSRB,KILLIRB,RESUME,FREEDD,FREEDSN,ALLOCDA) . CSECT(TT\$RP2C1,UDBRP,ESTAERP,XDB2CMD,CHKRTCDE,CONVNUM,FREEPSET, GETZDATA,SCHDLOAD,SCHEDULE,CIRBSRB,ESTAEIRB,EXITIRB,LOADIRB, KILLSRB,KILLIRB,RESUME,FREEDD,FREEDSN,ALLOCDA) . CSECT(TT\$RP2C2,UDBRP,ESTAERP,XDB2CMD,CHKRTCDE,CONVNUM,FREEPSET, GETZDATA,SCHDLOAD,SCHEDULE,CIRBSRB,ESTAEIRB,EXITIRB,LOADIRB, KILLSRB,KILLIRB,RESUME,FREEDD,FREEDSN,ALLOCDA) . </pre>

Service	Details
SO14639	SO14639 M.C.S. ENTRIES = ++PTF (SO14639) INSHUFF* SAMPLE JCLS ADJUSTMENTS PROBLEM DESCRIPTION: Three sample JCLs (INSHUFFC, INSHUFFS, INSHUFFU) were added in SO14029 to allow DSN1COMP (the IBM compression report) to be run against a tablespace that is already compressed. DSN1COMP helps you assess the potential benefit from enabling Huffman compression. Return code 12 can be received when running INSHUFFS or INSHUFFU. After this PTF is applied, the INSHUFFC, INSHUFFS, and INSHUFFU sample JCL in hlq.CDBAPARM are updated to: - Correct the REXX script name. - Provide better cleanup after a successful run. - Improve clarity. SYMPTOMS: Return code 12 received when running INSHUFFS or INSHUFFU jobs. Following message is issued on failed step: IKJ56500I COMMAND COMP2DB2 NOT FOUND IMPACT: INSHUFFS or INSHUFFU job fails. CIRCUMVENTION: Manually correct the REXX script name from COMP2DB2 to INS1COMP. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: INS 483 Copyright (C) 2020 CA. All rights reserved. R01072-D200-SP1 DESC(INSHUFF* SAMPLE JCLS ADJUSTMENTS). ++VER (Z038) FMID (CINSK00) PRE (SO14029) SUP (ST14639)

Service	Details
SO14640	SO14640 M.C.S. ENTRIES = ++PTF (SO14640) MAXTASKS NOT HONORED IN SHRLEVEL CHANGE INDEX REBUILD PROBLEM DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) does not honor MAXTASKS value on the SYSIN statements when REBUILD INDEX SHRLEVEL CHANGE is specified. SYMPTOMS: The PRR0035I - OPTIONS IN EFFECT message indicates that the MAXTASKS value is different from the one specified in the SYSIN statement. IMPACT: Performance can be degraded. CIRCUMVENTION: Before this fix is applied, the MAXTASKS parameter in hlq.CDBAPARM(UTIL) is honored. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1051 Copyright (C) 2020 CA. All rights reserved. R01073-D200-SP1 DESC(MAXTASKS NOT HONORED IN SHRLEVEL CHANGE INDEX REBUILD). ++VER (Z038) FMID (CPRRK00) PRE (R096588 R097715 R098968 S000023 S001658 S006125 S006582 S006609 S007818 S009026 S009089 S009599 S009905 S011080 S011109 S011200 S011237 S011998 S012109 S012152 S012277 S012528 S012716 S013152 S013204 S013635 S013708) SUP (ST11058 ST14640) ++IF FMID(CUGRK00) REQ(SO14641) .

Service	Details																																																																																		
SO14641	SO14641 M.C.S. ENTRIES = ++PTF (SO14641) MAXTASKS NOT HONORED IN SHRLEVEL CHANGE INDEX REBUILD PROBLEM DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) does not honor MAXTASKS value on the SYSIN statements when REBUILD INDEX SHRLEVEL CHANGE is specified. SYMPTOMS: The PRR0035I - OPTIONS IN EFFECT message indicates that the MAXTASKS value is different from the one specified in the SYSIN statement. IMPACT: Performance can be degraded. CIRCUMVENTION: Before this fix is applied, the MAXTASKS parameter in hlq.CDBAPARM(UTIL) is honored. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1051 Copyright (C) 2020 CA. All rights reserved. R01073-D200-SP1 DESC(MAXTASKS NOT HONORED IN SHRLEVEL CHANGE INDEX REBUILD). ++VER (Z038) FMID (CUGRK00) PRE (SO00029 SO00788 SO01660 SO04251 SO06132 SO08280 SO09742 SO12155 SO14568) SUP (ST14641) ++IF FMID(CPRRK00) REQ(SO14640) . <table> <tr><td>MCS</td><td>SO13888</td><td>STARTS ON PAGE 0002</td></tr> <tr><td>MCS</td><td>SO14027</td><td>STARTS ON PAGE 0002</td></tr> <tr><td>MCS</td><td>SO14028</td><td>STARTS ON PAGE 0004</td></tr> <tr><td>MCS</td><td>SO14125</td><td>STARTS ON PAGE 0006</td></tr> <tr><td>MCS</td><td>SO14126</td><td>STARTS ON PAGE 0023</td></tr> <tr><td>MCS</td><td>SO14174</td><td>STARTS ON PAGE 0024</td></tr> <tr><td>MCS</td><td>SO14175</td><td>STARTS ON PAGE 0026</td></tr> <tr><td>MCS</td><td>SO14228</td><td>STARTS ON PAGE 0031</td></tr> <tr><td>MCS</td><td>SO14254</td><td>STARTS ON PAGE 0032</td></tr> <tr><td>MCS</td><td>SO14267</td><td>STARTS ON PAGE 0033</td></tr> <tr><td>MCS</td><td>SO14275</td><td>STARTS ON PAGE 0034</td></tr> <tr><td>MCS</td><td>SO14276</td><td>STARTS ON PAGE 0035</td></tr> <tr><td>MCS</td><td>SO14277</td><td>STARTS ON PAGE 0036</td></tr> <tr><td>MCS</td><td>SO14282</td><td>STARTS ON PAGE 0037</td></tr> <tr><td>MCS</td><td>SO14295</td><td>STARTS ON PAGE 0038</td></tr> <tr><td>MCS</td><td>SO14298</td><td>STARTS ON PAGE 0040</td></tr> <tr><td>MCS</td><td>SO14299</td><td>STARTS ON PAGE 0042</td></tr> <tr><td>MCS</td><td>SO14307</td><td>STARTS ON PAGE 0043</td></tr> <tr><td>MCS</td><td>SO14310</td><td>STARTS ON PAGE 0044</td></tr> <tr><td>MCS</td><td>SO14335</td><td>STARTS ON PAGE 0049</td></tr> <tr><td>MCS</td><td>SO14338</td><td>STARTS ON PAGE 0050</td></tr> <tr><td>MCS</td><td>SO14381</td><td>STARTS ON PAGE 0052</td></tr> <tr><td>MCS</td><td>SO14382</td><td>STARTS ON PAGE 0053</td></tr> <tr><td>MCS</td><td>SO14383</td><td>STARTS ON PAGE 0056</td></tr> <tr><td>MCS</td><td>SO14397</td><td>STARTS ON PAGE 0058</td></tr> <tr><td>MCS</td><td>SO14400</td><td>STARTS ON PAGE 0059</td></tr> <tr><td>MCS</td><td>SO14401</td><td>STARTS ON PAGE 0060</td></tr> </table>		MCS	SO13888	STARTS ON PAGE 0002	MCS	SO14027	STARTS ON PAGE 0002	MCS	SO14028	STARTS ON PAGE 0004	MCS	SO14125	STARTS ON PAGE 0006	MCS	SO14126	STARTS ON PAGE 0023	MCS	SO14174	STARTS ON PAGE 0024	MCS	SO14175	STARTS ON PAGE 0026	MCS	SO14228	STARTS ON PAGE 0031	MCS	SO14254	STARTS ON PAGE 0032	MCS	SO14267	STARTS ON PAGE 0033	MCS	SO14275	STARTS ON PAGE 0034	MCS	SO14276	STARTS ON PAGE 0035	MCS	SO14277	STARTS ON PAGE 0036	MCS	SO14282	STARTS ON PAGE 0037	MCS	SO14295	STARTS ON PAGE 0038	MCS	SO14298	STARTS ON PAGE 0040	MCS	SO14299	STARTS ON PAGE 0042	MCS	SO14307	STARTS ON PAGE 0043	MCS	SO14310	STARTS ON PAGE 0044	MCS	SO14335	STARTS ON PAGE 0049	MCS	SO14338	STARTS ON PAGE 0050	MCS	SO14381	STARTS ON PAGE 0052	MCS	SO14382	STARTS ON PAGE 0053	MCS	SO14383	STARTS ON PAGE 0056	MCS	SO14397	STARTS ON PAGE 0058	MCS	SO14400	STARTS ON PAGE 0059	MCS	SO14401	STARTS ON PAGE 0060
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	MCS	S014426	STARTS ON PAGE 0063
	MCS	S014427	STARTS ON PAGE 0064
	MCS	S014428	STARTS ON PAGE 0065
	MCS	S014433	STARTS ON PAGE 0066
	MCS	S014452	STARTS ON PAGE 0067
	MCS	S014483	STARTS ON PAGE 0068
	MCS	S014491	STARTS ON PAGE 0068
	MCS	S014500	STARTS ON PAGE 0069
	MCS	S014501	STARTS ON PAGE 0070
	MCS	S014502	STARTS ON PAGE 0072
	MCS	S014531	STARTS ON PAGE 0073
	MCS	S014565	STARTS ON PAGE 0074
	MCS	S014566	STARTS ON PAGE 0075
	MCS	S014567	STARTS ON PAGE 0077
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	MCS	S014570	STARTS ON PAGE 0085
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CA DB2 Tools 20.0
CA RS 2009 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 2009 Product/Component Count for this release is 27		

CA RS Level	Service	FMID
CAR2009	S014641	CUGRK00
	S014640	CPRRK00
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	S014623	CINSK00
	S014615	CINSK00
	S014613	CPLAK00
	S014583	CINSK00
	S014570	COFSK00
	S014568	CUGRK00
	S014567	CPUTK00
	S014566	CINSK00
	S014565	CPDAK00
	S014531	CIDBK00
	S014502	CPUTK00
	S014501	CPFUK00
	S014500	CINSK00
	S014491	CINSK00
	S014483	CUGRK00
	S014452	CPLAK00
	S014433	CPFLK00
	S014428	CPUTK00
	S014427	CPFLK00
	S014426	CRCQK00
	S014404	CPRFK00
	S014401	CINSK00
	S014400	CPPAK00
	S014397	CPDTK00
	S014383	CPUTK00
	S014382	CPFUK00
	S014381	CINSK00
	S014338	CPDTK00
	S014335	CRCQK00
	S014310	CUTSK00
	S014307	CRCQK00
	S014299	CPDTK00
	S014298	CINSK00
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	S014254	CIDBK00
	S014228	CIDBK00
	S014175	CPDAK00

CA RS Level	Service	FMID
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	S013888	CINSK00
CAR2008	S014252	CPFLK00
	S014235	CPDTK00
	S014173	CINSK00
	S014168	CINSK00
	S014164	CIDBK00
	S014142	CPLAK00
	S014137	CPLAK00
	S014101	CRCQK00
	S014099	CIDBK00
	S014093	CIDBK00
	S014054	CPUTK00
	S014053	CPFUK00
	S014052	CINSK00
	S014036	CUGRK00
	S014035	CPUTK00
	S014034	CPRRK00
	S014033	CPLAK00
	S014032	CPFUK00
	S014031	CPFLK00
	S014030	CPDAK00
	S014029	CINSK00
	S014025	CPFLK00
	S014016	CIDBK00
	S013990	COFSK00
	S013988	CPPAK00
	S013987	CPDTK00
	S013986	CPDAK00
	S013985	CINSK00
	S013982	CSQ2100
	S013974	CINSK00
	S013973	CINSK00
	S013961	CPUTK00
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	S013887	CPDTK00
	S013881	CUGRK00
	S013880	CPUTK00

CA RS Level	Service	FMID
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	S013825	CIDBK00
	S013814	CINSK00
	S013807	CINSK00
	S013794	CINSK00
	S013781	COFSK00
	S013768	CUGRK00
	S013767	CPUTK00
	S013766	CPFUK00
	S013765	CPFLK00
	S013764	CINSK00
	S013758	COFSK00
	S013726	CINSK00
	S013711	CINSK00
	S013709	CPUTK00
	S013708	CPRRK00
	S013707	CPFUK00
	S013706	CPFLK00
	S013574	CINSK00
CAR2007	S013761	CPDTK00
	S013730	CPRFK00
	S013718	CPLAK00
	S013717	CINSK00
	S013686	CUGRK00
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	S013682	CINSK00
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00

CA RS Level	Service	FMID
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	S013453	CINSK00
	S013450	CPDTK00
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00
	S013340	CINSK00
	S013273	CINSK00
	S012794	CINSK00
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00
	S013234	CPLAK00
	S013230	CINSK00
	S013229	CINSK00
	S013224	CPLAK00
	S013213	CINSK00
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	S013203	CPFLK00
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00

CA RS Level	Service	FMID
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	S012937	CRCXK00
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00

CA RS Level	Service	FMID
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCCK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00

CA RS Level	Service	FMID
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00

CA RS Level	Service	FMID
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00

CA RS Level	Service	FMID
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	S011693	CIDBK00
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00

CA RS Level	Service	FMID
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	S011323	CUGRK00
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00

CA RS Level	Service	FMID
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00

CA RS Level	Service	FMID
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00

CA RS Level	Service	FMID
	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	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00

CA RS Level	Service	FMID
	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	CRCCK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00

CA RS Level	Service	FMID
	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	CRCCK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00

CA RS Level	Service	FMID
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00
	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

CA RS Level	Service	FMID
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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	CRC SK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100

CA RS Level	Service	FMID
	S006443	CPRFK00
	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
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00

CA RS Level	Service	FMID
	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

CA RS Level	Service	FMID
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	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

CA RS Level	Service	FMID
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00
	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

CA RS Level	Service	FMID
	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
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRC SK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00

CA RS Level	Service	FMID
	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	CRCCK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00

CA RS Level	Service	FMID
	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