

CA DB2 Tools 20.0
CA RS 2007 Service List

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Service	Description	Type
S012794	CUSTOMIZE DB2 TOOLS MAIN PANEL ENH TO HIDE PRODUCTS	PTF
S013273	.SYSTEM UNLOADS MISSING FOR SOME TABLES IN ACM SCRIPT	PTF
S013340	DB2 CONNECTION FAILURE WITH RC=220 FOR SUBGROUP ATTACH NAME	PTF
S013341	DB2 REQUEST FAILS WITH "PTLBDBC SUBTASK HAS ABENDED: S40E"	PTF
S013417	LOADDEL ENDS WITH ZERO THOUGH DATASET NOT DELETED	PTF
S013421	PSACUST MEMBER MISSING IN POST-INSTALL PANELS	PTF
S013437	PFU0227E - SPACMAP PAGE MISSING FOR PAGE	PTF
S013450	DETECTOR COLLECTION MAY TERMINATE WITH SOC4 ABEND	PTF
S013453	SQLCODE -551 WHEN ACCESSING RC/M STARETGY SERVICES	PTF
S013456	RXA\$SLEN PACKAGE MISSED FROM CDBASKLO(RCXPACK) MEMBER	PTF
S013484	MAINFRAME TEAM CENTER ADD ADMIN FUNCTIONALITY	PTF
S013508	CANCEL THREAD USING THREAD TOKEN	PTF
S013509	CANCEL THREAD USING THREAD TOKEN	PTF
S013515	'UNACC-DB2-TIME' IS MISSING ON REPORTS HSTLSTAA AND HSTLSTAC	PTF
S013539	DSSIZE IS INCORRECT UPDATING R19 STRATEGY USING R20	PTF
S013557	OMNIBUS PROBLEM RECORD FOR 20PI2 DEVELOPMENT PROJECTS	PTF
S013584	ACTION CONDITION (CROSS CONDITION) FAILS WITH SQLCODE -104	PTF
S013586	SUPPORT FOR PREVIEW SIMULATE OF FLASH AND CONCURRENT COPIES	PTF
S013596	IBM UNLOAD FROM IMAGE COPY FAILS WHEN USING NON-EA DATASETS	PTF
S013616	DETECTOR AGENT SQL ERROR TEXT RETRIEVAL ERROR	PTF
S013624	ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8	PTF
S013625	ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8	PTF
S013626	ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8	PTF
S013627	ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8	PTF
S013633	EXPLAIN COMMAND FAILS IN CA SQL EDITOR WITH SQLCODE=-713	PTF
S013635	IMPROVED FOCUS OF PTIMSG MESSAGES FOR CA RAPID REORG	PTF
S013655	DETECTOR COLLECTION MAY INCUR OC4 AFTER APPLYING S013450	** PRP **
S013668	RC/Q U-AA REPORT POPULATES INVALID VALUE FOR AUTHORIZATION	PTF
S013676	PPA EXPLAIN MAY ABEND WITH OC4 REASON=11 IN PZL#CSUB	PTF
S013682	WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS	PTF
S013683	WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS	PTF
S013684	WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS	PTF
S013685	WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS	PTF
S013686	WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS	PTF
S013717	Security or Integrity Problem	** PRP **
S013718	Security or Integrity Problem	** PRP **
S013730	PROBLEMS ACCESSING PRF OBJECTS OF A NON-DEFAULT CREATOR ID	PTF
S013761	MULTIPLE EXCEPTIONS GROUPED UNDER A SINGLE RECORD	PTF
The CA RS 2007 service count for this release is 38		

CA DB2 Tools
CA RS 2007 Service List for CIDBK00

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FMID	Service	Description	Type
CIDBK00	S013508	CANCEL THREAD USING THREAD TOKEN	PTF
	S013515	'UNACC-DB2-TIME' IS MISSING ON REPORTS HSTLSTAA AND HSTLSTAC	PTF
	S013557	OMNIBUS PROBLEM RECORD FOR 20PI2 DEVELOPMENT PROJECTS	PTF
The CA RS 2007 service count for this FMID is 3			

CA DB2 Tools
CA RS 2007 Service List for CINSK00

3

FMID	Service	Description	Type
CINSK00	SO12794	CUSTOMIZE DB2 TOOLS MAIN PANEL ENH TO HIDE PRODUCTS	PTF
	SO13273	.SYSTEM UNLOADS MISSING FOR SOME TABLES IN ACM SCRIPT	PTF
	SO13340	DB2 CONNECTION FAILURE WITH RC=220 FOR SUBGROUP ATTACH NAME	PTF
	SO13341	DB2 REQUEST FAILS WITH "PTLBDBC SUBTASK HAS ABENDED: S40E"	PTF
	SO13417	LOADDEL ENDS WITH ZERO THOUGH DATASET NOT DELETED	PTF
	SO13453	SQLCODE -551 WHEN ACCESSING RC/M STARETGY SERVICES	PTF
	SO13484	MAINFRAME TEAM CENTER ADD ADMIN FUNCTIONALITY	PTF
	SO13509	CANCEL THREAD USING THREAD TOKEN	PTF
	SO13539	DSSIZE IS INCORRECT UPDATING R19 STRATEGY USING R20	PTF
	SO13624	ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8	PTF
	SO13676	PPA EXPLAIN MAY ABEND WITH OC4 REASON=11 IN PZL#CSUB	PTF
	SO13682	WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS	PTF
	SO13717	Security or Integrity Problem	** PRP **
The CA RS 2007 service count for this FMID is 13			

CA DB2 Tools
CA RS 2007 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	SO13584	ACTION CONDITION (CROSS CONDITION) FAILS WITH SQLCODE -104	PTF
	SO13683	WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS	PTF
The CA RS 2007 service count for this FMID is 2			

CA DB2 Tools
CA RS 2007 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	S013450	DETECTOR COLLECTION MAY TERMINATE WITH SOC4 ABEND	PTF
	S013616	DETECTOR AGENT SQL ERROR TEXT RETRIEVAL ERROR	PTF
	S013655	DETECTOR COLLECTION MAY INCUR OC4 AFTER APPLYING S013450	** PRP **
	S013761	MULTIPLE EXCEPTIONS GROUPED UNDER A SINGLE RECORD	PTF
The CA RS 2007 service count for this FMID is 4			

CA DB2 Tools
CA RS 2007 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	SO13437	PFU0227E - SPACEMAP PAGE MISSING FOR PAGE	PTF
	SO13684	WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS	PTF
The CA RS 2007 service count for this FMID is 2			

CA DB2 Tools
CA RS 2007 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	S013625	ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8	PTF
	S013718	Security or Integrity Problem	** PRP **
The CA RS 2007 service count for this FMID is 2			

CA DB2 Tools
CA RS 2007 Service List for CPPAK00

FMID	Service	Description	Type
CPPAK00	S013633	EXPLAIN COMMAND FAILS IN CA SQL EDITOR WITH SQLCODE=-713	PTF
The CA RS 2007 service count for this FMID is 1			

CA DB2 Tools
CA RS 2007 Service List for CPRFK00

FMID	Service	Description	Type
CPRFK00	S013730	PROBLEMS ACCESSING PRF OBJECTS OF A NON-DEFAULT CREATOR ID	PTF
The CA RS 2007 service count for this FMID is 1			

CA DB2 Tools
CA RS 2007 Service List for CPRRK00

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FMID	Service	Description	Type
CPRRK00	S013635	IMPROVED FOCUS OF PTIMSG MESSAGES FOR CA RAPID REORG	PTF
The CA RS 2007 service count for this FMID is 1			

CA DB2 Tools
CA RS 2007 Service List for CPSAK00

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FMID	Service	Description	Type
CPSAK00	S013421	PSACUST MEMBER MISSING IN POST-INSTALL PANELS	PTF
The CA RS 2007 service count for this FMID is 1			

CA DB2 Tools
CA RS 2007 Service List for CPUTK00

FMID	Service	Description	Type
CPUTK00	SO13596	IBM UNLOAD FROM IMAGE COPY FAILS WHEN USING NON-EA DATASETS	PTF
	SO13626	ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8	PTF
	SO13685	WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS	PTF
The CA RS 2007 service count for this FMID is 3			

CA DB2 Tools
CA RS 2007 Service List for CRCQK00

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FMID	Service	Description	Type
CRCQK00	S013668	RC/Q U-AA REPORT POPULATES INVALID VALUE FOR AUTHORIZATION	PTF
The CA RS 2007 service count for this FMID is 1			

CA DB2 Tools
CA RS 2007 Service List for CRCXK00

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FMID	Service	Description	Type
CRCXK00	S013456	RXA\$SLEN PACKAGE MISSED FROM CDBASKLO (RCXPACK) MEMBER	PTF
The CA RS 2007 service count for this FMID is 1			

CA DB2 Tools
CA RS 2007 Service List for CUGRK00

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FMID	Service	Description	Type
CUGRK00	SO13586	SUPPORT FOR PREVIEW SIMULATE OF FLASH AND CONCURRENT COPIES	PTF
	SO13627	ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8	PTF
	SO13686	WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS	PTF
The CA RS 2007 service count for this FMID is 3			

Service	Details
S012794	S012794 M.C.S. ENTRIES = ++PTF (S012794) CUSTOMIZE DB2 TOOLS MAIN PANEL ENH TO HIDE PRODUCTS ENHANCEMENT DESCRIPTION: This enhancement lets you customize the CA Database Management Solutions for Db2 for z/OS Main Menu to hide a product option or multiple product options from display on the panel. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 1406 Copyright (C) 2020 CA. All rights reserved. R00841-D200-SP1 DESC(CUSTOMIZE DB2 TOOLS MAIN PANEL ENH TO HIDE PRODUCTS). ++VER (Z038) FMID (CINSK00) PRE (S010173) SUP (ST12794) ++HOLD (S012794) SYSTEM FMID(CINSK00) REASON (ACTION) DATE (20177) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE New ENABLExx keyword to hide products from main menu +-----+-----+ USERS All users editing ENABLExx global parmlib member. AFFECTED +-----+-----+ KNOWLEDGE CA DB2 tools Product runtime libraries REQUIRED +-----+-----+ ACCESS Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** This PTF introduces a new keyword 'HIDEPROD' in the ENABLExx global parmlib member. The keyword accepts the product code options in a comma separated format in a single row. SYNTAX: HIDEPROD (xxx,xxx,xxx) xxx = Product code The product codes that can be specified are shown in the following table: For example, to hide Log Analyzer, RC/Migrator, and RC/Query from the Menu, specify: HIDEPROD (PLA,RCM,RCQ). ----- Product Product ID ----- Log Analyzer - PLA </pre>

Service	Details		
	Merge/Modify	- PMM	
	Recovery Analyzer	- PRA	
	RC/Query	- RCQ	
	RC/Migrator	- RCM	
	RC/Update	- RCU	
	RC/Secure	- RCS	
	RC/Extract	- RCX	
	CA Endeavor for DB2	- EDB2	
	Product Authorizations	- AUTH	
	Dataset Facility	- PDF	
	Edit Parmlib Members	- EPM	
	Global Prof. Variables	- GPROF	
	Space Calculator	- SSC	
	Product Tutorials	- TUTOR	
	Log Maintenance	- LOGM	
	Database Analyzer	- PDA	
	Detector	- PDT	
	SYSVIEW for DB2	- IDB2	
	Plan Analyzer	- PPA	
	SQL-Ease	- EASE	
	Subsystem Analyzer	- PSA	
	Report Facility Menu	- PRF	
	DB2 Object Manager	- PUO	
	Batch Processor	- RBP	
	DB2 Command Processor	- DB2C	
	Interactive SQL	- ISQL	
	Alt. Catalog Mapping	- ACMPROD	
	Thread Term	- PTT	
	Utility Manager	- UTILMGR	
	RI Manager	- PRI	

	).		

Service	Details
S013273	S013273 M.C.S. ENTRIES = ++PTF (S013273) .SYSTEM UNLOADS MISSING FOR SOME TABLES IN ACM SCRIPT PROBLEM DESCRIPTION: In the Alternate Catalog Mapping (ACM) value pack component of the CA Database Management Solutions for DB2 for z/OS, the .SYSTEM UNLOADS command is missing for some tables in the generated script under the MAKETAB option. The generated script is not in sync with the Batch processor's .RESTART SYSTEM() behavior to execute only unload or load for tables in the script. SYMPTOMS: Create an ACM by selecting multiple tables from the same table space. For example, select LOCATIONS and LUNAMES. Enter the M line command to go to the MAKETAB option for the created ACM, specify Y for Generate Load/Unload control cards, and select IBM utilities. Execute the generated script with .RESTART SYSTEM(UNLOADS) option. You can see that only the first table in the table space is unloaded. The unload for other tables is bypassed. IMPACT: The generated ACM script cannot run with the .RESTART SYSTEM() command to execute only unload or load for the tables in the script. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 1426 Copyright (C) 2020 CA. All rights reserved. R00906-D200-SP1 DESC(.SYSTEM UNLOADS MISSING FOR SOME TABLES IN ACM SCRIPT). ++VER (Z038) FMID (CINSK00) PRE (R097704 R099553 S008662) SUP (ST13273)

Service	Details
SO13340	SO13340 M.C.S. ENTRIES = ++PTF (SO13340) DB2 CONNECTION FAILURE WITH RC=220 FOR SUBGROUP ATTACH NAME PROBLEM DESCRIPTION: CA Database Management Solutions for Db2 for z/OS fails with an error message when using the data sharing subgroup attach name to connect to DB2. SYMPTOMS: When you specify a subgroup attach name in a data sharing group environment as the DB2 SSID value on the CA Database Management Solutions for DB2 for z/OS main panel, the following error message may appear. Online: RC=220, RCODE=0000 \$DB2LVL service error. Request fail RC=00000008 Batch: DB2 Connection failed - SYSID XXXX, return code 0220,reason code 00000000 PTMBDB \$DB2LVL service error. Request fail RC=00000008 RS=0000001C IMPACT: You cannot use the CA Database Management Solutions for DB2 for z/OS to connect to a data sharing group using a subgroup attach name. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 1428 Copyright (C) 2020 CA. All rights reserved. R00917-D200-SP1 DESC(DB2 CONNECTION FAILURE WITH RC=220 FOR SUBGROUP ATTACH NAME). ++VER (Z038) FMID (CINSK00) PRE (R099553 S004455 S009205 SO10323) SUP (SO11333 ST11333 ST13340) ++HOLD (SO13340) SYSTEM FMID(CINSK00) REASON (ACTION) DATE (20162) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * </pre> ***** * STEPS TO PERFORM *

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

Service	Details				
SO13341	SO13341 M.C.S. ENTRIES = ++PTF (SO13341) DB2 REQUEST FAILS WITH "PTLBDBC SUBTASK HAS ABENDED: S40E" PROBLEM DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS may fail during a DISCONNECT request and issue a "PTABDBS: PTLBDBC subtask has abended: S40E" error. SYMPTOMS: "PTABDBS: PTLBDBC subtask has abended: S40E" message in the PTIMSG DD. IMPACT: Processing fails. CIRCUMVENTION: Rerun the job. PRODUCT(S) AFFECTED: <table> <tr> <td>CA Database Management Solutions for DB2 for z/OS</td><td>Version 19.0</td></tr> <tr> <td>CA Database Management Solutions for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: GEN 1430 Copyright (C) 2020 CA. All rights reserved. R00918-D200-SP1 DESC(DB2 REQUEST FAILS WITH "PTLBDBC SUBTASK HAS ABENDED: S40E"). ++VER (Z038) FMID (CINSK00) PRE (SO11863) SUP (ST13341)	CA Database Management Solutions for DB2 for z/OS	Version 19.0	CA Database Management Solutions for DB2 for z/OS	Version 20.0
CA Database Management Solutions for DB2 for z/OS	Version 19.0				
CA Database Management Solutions for DB2 for z/OS	Version 20.0				

Service	Details
SO13417	SO13417 M.C.S. ENTRIES = ++PTF (SO13417) LOADDEL ENDS WITH ZERO THOUGH DATASET NOT DELETED PROBLEM DESCRIPTION: In the Batch Processor (RBP) component of the CA Database Management solutions for DB2 for z/OS, LOADDEL execution ends with zero. However, the dataset is not deleted. SYMPTOMS: LOADDEL statement ends with zero, but the dataset is not deleted due to lack of DELETE authority. IMPACT: Dataset is still present, which affects the execution down the line. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: RBP 363 Copyright (C) 2020 CA. All rights reserved. R00922-D200-SP1 DESC(LOADDEL ENDS WITH ZERO THOUGH DATASET NOT DELETED). ++VER (Z038) FMID (CINSK00) PRE (SO04455 SO06638 SO07807 SO11078) SUP (AS07807 SO09130 ST09130 ST13417) ++HOLD (SO13417) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (20153) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).</pre>

Service	Details
S013421	S013421 M.C.S. ENTRIES = ++PTF (S013421) PSACUST MEMBER MISSING IN POST-INSTALL PANELS PROBLEM DESCRIPTION: The CA Subsystem Analyzer for DB2 for z/OS (PSA) customization member PSACUST cannot be accessed from the post-install panels. SYMPTOMS: When the user selects option 2 (Customize) from the Post-Install Tailoring menu and then selects option 1 (View Subsystem Analyzer Customization Information), a "Member not found" error is displayed. IMPACT: The customization instructions cannot be viewed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 533 Copyright (C) 2020 CA. All rights reserved. R00924-D200-SP1 DESC(PSACUST MEMBER MISSING IN POST-INSTALL PANELS). ++VER (Z038) FMID (CPSAK00) PRE (R096169 S012852) SUP (ST13421 TR96018 TR96041)

Service	Details				
S013437	S013437 M.C.S. ENTRIES = ++PTF (S013437) PFU0227E - SPACEMAP PAGE MISSING FOR PAGE PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may finish with RC 8 and error message PFU0227E when unloading from an image copy of a partitioned tablespace. SYMPTOMS: The following message is printed in PTIMSG01 output: PFU0227E - SPACEMAP PAGE MISSING FOR PAGE: ##### OF TS: dbname.tsname PROCESSING CANNOT CONTINUE. The PFU job finishes with RC 8. IMPACT: The unload fails. CIRCUMVENTION: Unload from the tablespace rather than the image copy if possible. PRODUCT(S) AFFECTED: <table> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 19.0</td></tr> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PFU 1102 Copyright (C) 2020 CA. All rights reserved. R00927-D200-SP1 DESC(PFU0227E - SPACEMAP PAGE MISSING FOR PAGE). ++VER (Z038) FMID (CPFUK00) PRE (R096582 R099558 S000019 S001818 S005013 S008860 S009025 S011997) SUP (AR99558 S000295 S011993 ST00295 ST11993 ST13437)	CA Fast Unload for DB2 for z/OS	Version 19.0	CA Fast Unload for DB2 for z/OS	Version 20.0
CA Fast Unload for DB2 for z/OS	Version 19.0				
CA Fast Unload for DB2 for z/OS	Version 20.0				

Service	Details	
SO13450	SO13450 M.C.S. ENTRIES = ++PTF (SO13450)	
	DETECTOR COLLECTION MAY TERMINATE WITH SOC4 ABEND	
	PROBLEM DESCRIPTION:	
	CA Detector for DB2 for z/OS (PDT) may incur a s0c4-11 abend in DT\$DII, causing collection to terminate.	
	SYMPTOMS:	
	The following abend information is reported in the Xmanager log:	
	TITLE=CA-DETECTOR 20.0 DIAG/DUMP ABEND=SOC4 MODULE=DT\$DII OFFSET=00002F9C	
	IMPACT:	
	CA Detector collection terminates with a s0c4 abend.	
	CIRCUMVENTION:	
	None.	
	PRODUCT(S) AFFECTED:	
	CA Detector for DB2 for z/OS	
	Version 20.0	
	Related Problem:	
	PDT 1696	
	Copyright (C) 2020 CA. All rights reserved. R00928-D200-SP1	
	DESC(DETECTOR COLLECTION MAY TERMINATE WITH SOC4 ABEND).	
	++VER (Z038)	
	FMID (CPDTK00)	
	PRE (R096168 R096580 R097707 R098429 R099556 S000263	
	S003942 S004458 S004757 S006116 S006334 S006865	
	S007810 S007988 S008129 S008323 S008789 S009065	
	S010018 S010538 S010908 S011694 S011983 S012538	
	S012921)	
	SUP (AS06334 AS08129 R099946 S000423 S006838 S008446	
S009828 S010492 S010652 ST00423 ST06838 ST08446		
ST09828 ST10492 ST10652 ST13450 TR99946)		
++HOLD (SO13450) SYSTEM FMID(CPDTK00)		
REASON (RESTART) DATE (20156)		
COMMENT (		
+-----+		
CA Detector for DB2 for z/OS Version 20.0		
+-----+		
SEQUENCE Before Apply		
+-----+		
PURPOSE Avoidance of module mismatch related errors in an Xmanager		
+-----+		
USERS Collections of DB2 statistics via Detector or Subsystem		
AFFECTED Analyzer.		
DB2 subsystems that have active collections.		
+-----+		
KNOWLEDGE 1. SMP/E		
REQUIRED 2. z/OS System Programming		
3. CA DB2 Tools Installation and Maintenance procedures.		
+-----+		
ACCESS 1. Product runtime libraries.		
REQUIRED		
+-----+		

* STEPS TO PERFORM *		

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																		
SO13453	SO13453 M.C.S. ENTRIES = ++PTF (SO13453) SQLCODE -551 WHEN ACCESSING RC/M STARETGY SERVICES PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), an SQLCODE -551 occurs when trying to access strategies from 'RC/M Strategy Services' panel if the user does not have SYSADM privilege, but has the recommended privileges by RCM. SYMPTOMS: DSNT408I SQLCODE = -551, ERROR: <userid> DOES NOT HAVE THE PRIVILEGE TO PERFORM OPERATION SELECT ON OBJECT PTI.PTMG1_STRAT_0200 IMPACT: Customers will not be able use RCM and RCC. CIRCUMVENTION: GRANT SELECT privilege to the user on table PTI.PTMG1_STRAT_0200. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 3064 Copyright (C) 2020 CA. All rights reserved. R00929-D200-SP1 DESC(SQLCODE -551 WHEN ACCESSING RC/M STARETGY SERVICES). ++VER (Z038) FMID (CINSK00) SUP (ST13453) ++HOLD (SO13453) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20164) COMMENT (<table border="1"> <tr> <td>CA DBM Solutions for DB2 for z/OS Base In</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Bind Plans and Packages</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>CA DB2 Tools Post Install Customization</td></tr> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND, SYSADM or SYSCNTL on DB2 subsystem.</td></tr> </table> ***** * STEPS TO PERFORM * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must	CA DBM Solutions for DB2 for z/OS Base In	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization	ACCESS	1. CA DB2 Tools Post Install	REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.
CA DBM Solutions for DB2 for z/OS Base In	Version 20.0																		
SEQUENCE	After Apply																		
PURPOSE	Bind Plans and Packages																		
USERS																			
AFFECTED	All Users																		
KNOWLEDGE																			
REQUIRED	CA DB2 Tools Post Install Customization																		
ACCESS	1. CA DB2 Tools Post Install																		
REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.																		

Service	Details
	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																		
SO13456	SO13456 M.C.S. ENTRIES = ++PTF (SO13456) RXA\$SLEN PACKAGE MISSED FROM CDBASKL0(RCXPack) MEMBER PROBLEM DESCRIPTION: In CA RC/Extract for DB2 for z/OS (RCX), package RXA\$SLEN is missing from the CDBASKL0(RCXPack) member that is used by the bind process to determine the packages to be processed. SYMPTOMS: The job execution has the following SQL abend. RCX0008E: An SQL Error occurred in module: RXA\$SLEN DSNT408I SQLCODE = -805, ERROR: DBRM OR PACKAGE NAME XXXXX.RXA\$SLEN.1A715F4612FD5032 NOT FOUND IN PLAN RCXPLAN. REASON 03 IMPACT: Extract analysis cannot be performed. CIRCUMVENTION: User must manually bind RXA\$SLEN. PRODUCT(S) AFFECTED: CA RC/Extract for DB2 for z/OS 20.0 Related Problem: RCX 607 Copyright (C) 2020 CA. All rights reserved. R00930-D200-SP1 DESC(RXA\$SLEN PACKAGE MISSED FROM CDBASKL0(RCXPack) MEMBER). ++VER (Z038) FMID (CRCXK00) PRE (SO11079) SUP (ST13456) ++HOLD (SO13456) SYSTEM FMID(CRCXK00) REASON (DB2BIND) DATE (20155) COMMENT (<table border="1"> <tr> <td>CA RC/Extract 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>Bind Plans and Packages</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>CA DB2 Tools Post Install Customization</td></tr> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND, SYSADM or SYSCNTL on DB2 subsystem.</td></tr> </table> ***** * STEPS TO PERFORM * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about	CA RC/Extract 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.
CA RC/Extract 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.																		

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.).

Service	Details
SO13484	SO13484 M.C.S. ENTRIES = ++PTF (SO13484) MAINFRAME TEAM CENTER ADD ADMIN FUNCTIONALITY ENHANCEMENT DESCRIPTION: The Mainframe Team Center user interface for the CA Database Management Solutions for Db2 for z/OS now supports viewing Db2 object information. The user interface has also been redesigned. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: PDT 1691 Copyright (C) 2020 CA. All rights reserved. R00932-D200-SP1 DESC (MAINFRAME TEAM CENTER ADD ADMIN FUNCTIONALITY). ++VER (Z038) FMID (CINSK00) PRE (R097704 R099553 S001396 S006608 S006978 S007807 S009860 S010004 S010061 S010162 S010173 S011373 S011684 S012115 S012323 S012933) SUP (S008825 S011679 ST08825 ST11667 ST11679 ST13484) ++HOLD (SO13484) SYSTEM FMID(CINSK00) REASON (ACTION) DATE (20157) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ SEQUENCE Before Restart +-----+-----+ PURPOSE Update existing install of Mainframe Team Center - Database Management UI configuration file. +-----+-----+ USERS Users of Mainframe Team Center - Database Management UI AFFECTED +-----+-----+ KNOWLEDGE DB2 Tools product administration REQUIRED USS file manipulation +-----+-----+ ACCESS Access to DB2 Tools product libraries REQUIRED Access to USS files +-----+-----+ ***** * STEPS TO PERFORM * ***** For Mainframe Team Center - Database Management UI Users: 1. Create a backup copy of the PDTUIENV configuration member for the UI by submitting member PDTUIC10 in the hlq.CDBAJCL data set. This job will also copy the new PDTUIENV configuration member to the configuration data set. 2. Copy existing settings from the backup (@PDTUIEN) to the new member.). ++HOLD (SO13484) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (20157) </pre>

Service	Details
	COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). LINK('..PDT/ui/mtc-dbm.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(PDTAAMKD,PRE) . LINK('..PXM/ds/dbm-ds.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(PXMDSSMP,PRE) . </pre>

Service	Details
SO13508	SO13508 M.C.S. ENTRIES = ++PTF (SO13508) The following items are included in this solution: 1. CANCEL THREAD USING THREAD TOKEN 2. TOKEN PARAMETER SUPPORT NEEDED FOR SYSVIEW FOR DB2 ===== CANCEL THREAD USING THREAD TOKEN ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) has been enhanced to perform thread cancellation using the thread token (when available) rather than the PLAN name and ACE address. This change will provide greater safety by ensuring that the correct thread is canceled. The rare case where the problematic thread ends and a new thread begins that is using the same PLAN and ACE, and is subsequently canceled, can no longer occur. Furthermore, you can now cancel inactive threads since they have a thread token, but no valid ACE. The Exception System also now supports TOKEN=&TTOKNXX in the Thread Terminator (PTT) command syntax. 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 2489 ===== TOKEN PARAMETER SUPPORT NEEDED FOR SYSVIEW FOR DB2 PROBLEM DESCRIPTION: CA Thread Termination/Dynamic ZPARM for DB2 for z/OS (PTT) does not accept a TOKEN=xxxxxx parameter in SET CANCEL or SET DB2CAN commands. Therefore, callers such as CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) cannot specify which DB2 thread token PTT should terminate. This is problematic for IDB2 because some DB2 threads that appear on IDB2's Threads Identified to DB2 display can be uniquely identified only by thread token. SYMPTOMS: The following message appears when a SET CANCEL or SET DB2CAN command containing a TOKEN=xxxxxx parameter is executed: PTT1003E INVALID OPERAND, 'TOKEN', ENCOUNTERED (LINE 1, COL 52). IMPACT: DB2 threads that can be uniquely identified only by thread token cannot be terminated via a SET CANCEL or SET DB2CAN command. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: PTT 361 Copyright (C) 2020 CA. All rights reserved. R00934-D200-SP1 DESC(CANCEL THREAD USING THREAD TOKEN). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R099552 S000077 S001395 S001664 S004454

Service	Details
	S006112 S006862 S007806 S008846 S010160 S010739 S010906 S011616 S011780 S011977 S012397 S012769) SUP (S009743 ST09743 ST13508) ++IF FMID(CINSK00) REQ(SO13509) .

Service	Details
SO13509	SO13509 M.C.S. ENTRIES = ++PTF (SO13509) The following items are included in this solution: 1. CANCEL THREAD USING THREAD TOKEN 2. TOKEN PARAMETER SUPPORT NEEDED FOR SYSVIEW FOR DB2 ===== CANCEL THREAD USING THREAD TOKEN ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) has been enhanced to perform thread cancellation using the thread token (when available) rather than the PLAN name and ACE address. This change will provide greater safety by ensuring that the correct thread is canceled. The rare case where the problematic thread ends and a new thread begins that is using the same PLAN and ACE, and is subsequently canceled, can no longer occur. Furthermore, you can now cancel inactive threads since they have a thread token, but no valid ACE. The Exception System also now supports TOKEN=&TTOKNXX in the Thread Terminator (PTT) command syntax. 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 2489 ===== TOKEN PARAMETER SUPPORT NEEDED FOR SYSVIEW FOR DB2 PROBLEM DESCRIPTION: CA Thread Termination/Dynamic ZPARM for DB2 for z/OS (PTT) does not accept a TOKEN=xxxxxx parameter in SET CANCEL or SET DB2CAN commands. Therefore, callers such as CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) cannot specify which DB2 thread token PTT should terminate. This is problematic for IDB2 because some DB2 threads that appear on IDB2's Threads Identified to DB2 display can be uniquely identified only by thread token. SYMPTOMS: The following message appears when a SET CANCEL or SET DB2CAN command containing a TOKEN=xxxxxx parameter is executed: PTT1003E INVALID OPERAND, 'TOKEN', ENCOUNTERED (LINE 1, COL 52). IMPACT: DB2 threads that can be uniquely identified only by thread token cannot be terminated via a SET CANCEL or SET DB2CAN command. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: PTT 361 Copyright (C) 2020 CA. All rights reserved. R00934-D200-SP1 DESC(CANCEL THREAD USING THREAD TOKEN). ++VER (Z038) FMID (CINSK00) PRE (SO01396 SO01665 SO04455 SO06113 SO06863 SO10069

Service	Details
	S010281 S010750 S012396 S012537 S012924) SUP (S005070 S009693 S009929 ST05070 ST09693 ST09929 ST13509) ++IF FMID(CIDBK00) REQ(S013508) . ++HOLD (S013509) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20162) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.).

Service	Details				
SO13515	SO13515 M.C.S. ENTRIES = ++PTF (SO13515) 'UNACC-DB2-TIME' IS MISSING ON REPORTS HSTLSTAA AND HSTLSTAC PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) has UNACC-DB2-TIME IQL missing in the following reports: 1. Accounting by Connection History List(HSTLSTAA). 2. Accounting by Connection History List(HSTLSTAC). SYMPTOMS: The column 'DB2 Other' is missing in both HSTLSTAA and HSTLSTAC reports. IMPACT: Information about thread elapsed time in DB2 that is not included in CPU time or in any wait time categories is not displayed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>CA SYSVIEW Performance Management Option for DB2 for z/OS</td><td>19.0</td></tr> <tr> <td>CA SYSVIEW Performance Management Option for DB2 for z/OS</td><td>20.0</td></tr> </table> Related Problem: IDB2 2497 Copyright (C) 2020 CA. All rights reserved. R00935-D200-SP1 DESC('UNACC-DB2-TIME' IS MISSING ON REPORTS HSTLSTAA AND HSTLSTAC). ++VER (Z038) FMID (CIDBK00) PRE (S004454) SUP (ST13515)	CA SYSVIEW Performance Management Option for DB2 for z/OS	19.0	CA SYSVIEW Performance Management Option for DB2 for z/OS	20.0
CA SYSVIEW Performance Management Option for DB2 for z/OS	19.0				
CA SYSVIEW Performance Management Option for DB2 for z/OS	20.0				

Service	Details
SO13539	SO13539 M.C.S. ENTRIES = ++PTF (SO13539) DSSIZE IS INCORRECT UPDATING R19 STRATEGY USING R20 PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the DSSIZE of a tablespace will be altered to an incorrect value if the following conditions are true: 1) The alter strategy was created using version 19.0 to create new universal tablespaces. 2) Version 20.0 was used to update the alter strategy. 3) Use (E)dit command to edit the tablespace to bring up the alter tablespace panel. SYMPTOMS: DSSIZE 4 will be converted to 3908. IMPACT: Tablespace will use incorrect DSSIZE. CIRCUMVENTION: Correct the incorrect DSSIZE. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 3065 Copyright (C) 2020 CA. All rights reserved. R00936-D200-SP1 DESC(DSSIZE IS INCORRECT UPDATING R19 STRATEGY USING R20). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 S001396 S007379 S009105 S011966 S012361 S012933) SUP (ST13539)

Service	Details
S013557	S013557 M.C.S. ENTRIES = ++PTF (S013557) The following items are included in this solution: 1. OMNIBUS PROBLEM RECORD FOR 20PI2 DEVELOPMENT PROJECTS 2. SUPPORT FOR NEW DB2 12 RESOURCE LIMIT FACILITY CODES 3. SUPPORT FOR NEW ZHYPERLINK BP FIELDS IN IFCID2 - QBST 4. SUPPORT NEW FIELDS OF ZHYPERLINK - THREAD BP - QBAC 5. DISK-CACHE-HIT FIELD ADDED TO IFCID 007 READ-IO RECORD. ===== OMNIBUS PROBLEM RECORD FOR 20PI2 DEVELOPMENT PROJECTS ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) delivers the following features and fixes: PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2485 ===== SUPPORT FOR NEW DB2 12 RESOURCE LIMIT FACILITY CODES ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds support for new Db2 12 Resource Limit Facility codes to the ACCT (IFCID 3) and THREAD-STATS (IFCID 148) Db2 trace records. This change affects RLIMIT-TYPE, PKG-RLIMIT-TYPE, RLF-DERIVED and PKG-RLF-DERIVED fields. The following reports were updated: BTACTSML and BTACTTRL - batch requests THRDLOCK - Thread Locks Real Time request HTLOCKS - Thread Locks History request HTULOCKS - Thread Locks History Summary request HTPKGK - Package History Lock Detail request HTUPKGR - Package History RLF Summary request HTURLF - Thread RLF History Summary request HTUPKGLK - Package History Lock Summary request The following new reports were added: THRDRLF - Thread Resource Limit Facility request HTHRLF - Thread Resource Limit Facility History request PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2477 ===== SUPPORT FOR NEW ZHYPERLINK BP FIELDS IN IFCID2 - QBST ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds support for the new fields to STATS2 (IFCID 2), CURR-STATS2 (IFCID 1002) and STATS-BUFFER-SIZES (IFCID 1026) Db2 trace records. The following fields were added: Db2 11 fields: ZHLINK-SYNC-IO-READS - Specifies the number of synchronous read I/O operations which used zHyperLink. DISK-CACHE-READS - Specifies the number of synchronous read I/O operations which hit disk cache, but did not use zHL. Cache Hit Ratio - The percentage of synchronous reads found in the disk cache. If the cache hit ratio is below 80 then

Service	Details
	zHyperLink benefits would be limited. zHL Utilization - The percentage of synchronous reads that were successful with zHyperLink. The following reports were updated: BUFRDWRS, HSBRDWR, HSUBRDWR, DSQSTATS, DSQSTBP, DSQHIST, BTSTASM2, BTSTATR1 SYSSTATS, SYSSTATA, HSSNAP and HSUSNAP. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2481 ===== SUPPORT NEW FIELDS OF ZHYPERLINK - THREAD BP - QBAC ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds support for the new fields to ACCT (IFCID 3), ACCT-PACKAGES(239) DB2 trace records. The following fields were added: Db2 11 fields: ZHLINK-SYNC-IO-READS - Specifies the number of synchronous read I/O operations which used zHyperLink. DISK-CACHE-READS - Specifies the number of synchronous read I/O operations which hit disk cache, but did not use zHyperLink. ZHLINK-READ-CPU - The amount of CPU time used for successful zHyperLink reads. zHyperLink I/O is synchronous with respect to the CPU, thus CPU time accumulates from the beginning of the I/O until it completes. ZHLINK-READ-CPU-INT - Derived field from QBACSYIT (ZHLINK-READ-CPU). The following reports were updated: BTACTSML, BTACTTRL, DSQHIST, DSQTHD, DSQTHDBP, HTBUFRS, HTPKGBP, HTRESP, HTUBUFRS, THRDUBFD, THRDRESP, HTURESP PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2482 ===== DISK-CACHE-HIT FIELD ADDED TO IFCID 007 READ-IO RECORD. ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) supports new DB2 12 field added to IFCID (007) READ-IO: (007) DISK-CACHE-HIT - Result of Disk cache hit(YES/NO) YES - Read success with disk cache hit. NO - Read success without disk cache hit. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2487 Copyright (C) 2020 CA. All rights reserved. R00937-D200-SP1 DESC(OMNIBUS PROBLEM RECORD FOR 20PI2 DEVELOPMENT PROJECTS). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R099552 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S010160 S010405

Service	Details
	S010716 S010739 S010906 S011616 S011780 S011977 S012536 S012769 S013508) SUP (S008728 S009743 S010248 S012078 S013032 ST03732 ST06087 ST08728 ST09743 ST10248 ST12078 ST13032 ST13557)

Service	Details
SO13584	SO13584 M.C.S. ENTRIES = ++PTF (SO13584) ACTION CONDITION (CROSS CONDITION) FAILS WITH SQLCODE -104 PROBLEM DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) action based Extract Procedures with cross condition "#0230 - (IXP) Clustered percent (use cross cond)" may result in SQLCODE -104 when executing the Action condition. SYMPTOMS: The following messages can be found it the PTIMSG output: ==> Cond(0230) - (IXP) Clustered percent (use cross cond) - REJECT-2 DSNT408I SQLCODE = -104, ERROR: ILLEGAL SYMBOL "*". SOME SYMBOLS THAT MIGHT BE LEGAL ARE: AT YEAR YEARS MONTH MONTHS DAY DAYS HOUR HOURS MINUTE MINUTES DSNT418I SQLSTATE = 42601 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNHPARS SQL PROCEDURE DETECTING ERROR DSNT416I SQLERRD = 3 0 0 -1 156 502 SQL DIAGNOSTIC INFORMATION DSNT416I SQLERRD = X'00000003' X'00000000' X'00000000' X'FFFFFFFF' X'0000009C' X'000001F6' SQL DIAGNOSTIC INFORMATION IMPACT: PDA EXTRACT FAILS WITH RC=8. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Database Analyzer for DB2 for z/OS Version 19.0 CA Database Analyzer for DB2 for z/OS Version 20.0 Related Problem: PDA 1362 Copyright (C) 2020 CA. All rights reserved. R00941-D200-SP1 DESC(ACTION CONDITION (CROSS CONDITION) FAILS WITH SQLCODE -104). ++VER (Z038) FMID (CPDAK00) PRE (S000017 S010042) SUP (ST13584)

Service	Details
SO13586	SO13586 M.C.S. ENTRIES = ++PTF (SO13586) SUPPORT FOR PREVIEW SIMULATE OF FLASH AND CONCURRENT COPIES ENHANCEMENT DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) enhances PREVIEW SIMULATE to support FLASH and CONCURRENT copies. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1068 Copyright (C) 2020 CA. All rights reserved. R00942-D200-SP1 DESC(SUPPORT FOR PREVIEW SIMULATE OF FLASH AND CONCURRENT COPIES). ++VER (Z038) FMID (CUGRK00) PRE (R096595 R099574 S000029 S000788 S001660 S004251 S005018 S006132 S006879 S007905 S008280 S008833 S009742 S009903 S010165 S011083 S011382 S012155 S013206) SUP (SO12018 ST12018 ST13586)

Service	Details						
S013596	S013596 M.C.S. ENTRIES = ++PTF (S013596) IBM UNLOAD FROM IMAGE COPY FAILS WHEN USING NON-EA DATASETS PROBLEM DESCRIPTION: IBM UNLOAD fails with abend S04E and reason code 00E4D5D2 when unloading from an Image Copy when the following conditions are met: 1. The table space DSSIZE is 4G. 2. The table space VSAM dataset does not use Extended Addressability. 3. The Image Copy was taken either inline or subsequent to a CA Database Management Solutions for DB2 for z/OS (PUT) utilities execution. The affected utilities are: CA Rapid Reorg for DB2 for z/OS (PRR) CA Fast Load for DB2 for z/OS (PFL) CA Fast Recover for DB2 for z/OS (PFR) Unloading from a table space, the use of other utilities, and Db2 processing is unaffected. PUT previously set the header page field HPGDSSZ (Dataset size in kilobytes) to the physically allocated number of kilobytes. With these changes the code will set the HPGDSSZ value to exactly 4G (X'4000000' kilobytes) as specified by the DSSIZE 4G in the table space definition. SYMPTOMS: The IBM UNLOAD fails with SYSTEM COMPLETION CODE=04E REASON CODE=00E4D5D2 when unloading from an Image Copy. IMPACT: IBM Unload job fails. CIRCUMVENTION: Unload from table space instead of Image Copy or, use PFU instead of IBM UNLOAD. PRODUCT(S) AFFECTED: <table> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Recover for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 818 Copyright (C) 2020 CA. All rights reserved. R00943-D200-SP1 DESC(IBM UNLOAD FROM IMAGE COPY FAILS WHEN USING NON-EA DATASETS). ++VER (Z038) FMID (CPUTK00) PRE (S000024 S011999 S012153) SUP (ST13596)	CA Rapid Reorg for DB2 for z/OS	Version 20.0	CA Fast Load for DB2 for z/OS	Version 20.0	CA Fast Recover for DB2 for z/OS	Version 20.0
CA Rapid Reorg for DB2 for z/OS	Version 20.0						
CA Fast Load for DB2 for z/OS	Version 20.0						
CA Fast Recover for DB2 for z/OS	Version 20.0						

Service	Details
SO13616	SO13616 M.C.S. ENTRIES = ++PTF (SO13616) DETECTOR AGENT SQL ERROR TEXT RETRIEVAL ERROR PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may return incomplete SQL error history when processing requests through the Xnet (PXN) U2XAGENT. SYMPTOMS: All available SQL error data may not be returned. IMPACT: All available SQL error history data cannot be viewed. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 19.0 CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1627 Copyright (C) 2020 CA. All rights reserved. R00944-D200-SP1 DESC(DETECTOR AGENT SQL ERROR TEXT RETRIEVAL ERROR). ++VER (Z038) FMID (CPDTK00) PRE (R097923 R099556 S001400) SUP (ST13616) ++HOLD (SO13616) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (20169) COMMENT (<pre> +-----+ CA Detector for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! </pre>

Service	Details
	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
SO13624	SO13624 M.C.S. ENTRIES = ++PTF (SO13624) ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8 PROBLEM DESCRIPTION: The CA Log Analyzer for DB2 for z/OS (PLA) Dropped Object Recovery feature fails in RECOVER job step with RC=8 when 1) an image copy data set name specified in an input data set for RECOVER step is longer than 42 characters. 2) a LOB table space is being recovered and it has more than one physical VSAM data set(piece). SYMPTOMS: 1) Following message is displayed in a job log: LAE0433E The RCVRYIDS control statement is invalid. 2) Following message displayed in a job log: DSN1992I VSAM PUT ERROR, RPLERREG = 008, RPLERRCD = 028 IMPACT: 1&2) Dropped Object Recovery feature is not able to recover a DB2 object. CIRCUMVENTION: 1) Update cards for RECOVER step. Ensure that all the lines finish before column 72 and rerun the job from RECOVER step. 2) None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1312 Copyright (C) 2020 CA. All rights reserved. R00945-D200-SP1 DESC(ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8). ++VER (Z038) FMID (CINSK00) PRE (SO10676 SO11112 SO12899) SUP (ST13624) ++IF FMID(CPLAK00) REQ(SO13625) . ++IF FMID(CPUTK00) REQ(SO13626) . ++IF FMID(CUGRK00) REQ(SO13627) .

Service	Details
SO13625	SO13625 M.C.S. ENTRIES = ++PTF (SO13625) ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8 PROBLEM DESCRIPTION: The CA Log Analyzer for DB2 for z/OS (PLA) Dropped Object Recovery feature fails in RECOVER job step with RC=8 when 1) an image copy data set name specified in an input data set for RECOVER step is longer than 42 characters. 2) a LOB table space is being recovered and it has more than one physical VSAM data set(piece). SYMPTOMS: 1) Following message is displayed in a job log: LAEO433E The RCVRYIDS control statement is invalid. 2) Following message displayed in a job log: DSN1992I VSAM PUT ERROR, RPLERREG = 008, RPLERRCD = 028 IMPACT: 1&2) Dropped Object Recovery feature is not able to recover a DB2 object. CIRCUMVENTION: 1) Update cards for RECOVER step. Ensure that all the lines finish before column 72 and rerun the job from RECOVER step. 2) None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1312 Copyright (C) 2020 CA. All rights reserved. R00945-D200-SP1 DESC(ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8). ++VER (Z038) FMID (CPLAK00) PRE (R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S004795 S006119 S006868 S007813 S008008 S008802 S008870 S009083 S009133 S009252 S009333 S010390 S010641 S010677 S011113 S011419 S011583 S011669 S012173 S012763 S012797 S012889 S012900 S013009) SUP (AS11669 S011782 ST11782 ST13625) ++IF FMID(CPUTK00) REQ(S013626) . ++IF FMID(CUGRK00) REQ(S013627) . ++IF FMID(CINSK00) REQ(S013624) . ++HOLD (S013625) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (20170) COMMENT (-----+ CA Log Analyzer for DB2 for z/OS

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

Service	Details
SO13626	SO13626 M.C.S. ENTRIES = ++PTF (SO13626) ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8 PROBLEM DESCRIPTION: The CA Log Analyzer for DB2 for z/OS (PLA) Dropped Object Recovery feature fails in RECOVER job step with RC=8 when 1) an image copy data set name specified in an input data set for RECOVER step is longer than 42 characters. 2) a LOB table space is being recovered and it has more than one physical VSAM data set(piece). SYMPTOMS: 1) Following message is displayed in a job log: LAE0433E The RCVRYIDS control statement is invalid. 2) Following message displayed in a job log: DSN1992I VSAM PUT ERROR, RPLERREG = 008, RPLERRCD = 028 IMPACT: 1&2) Dropped Object Recovery feature is not able to recover a DB2 object. CIRCUMVENTION: 1) Update cards for RECOVER step. Ensure that all the lines finish before column 72 and rerun the job from RECOVER step. 2) None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1312 Copyright (C) 2020 CA. All rights reserved. R00945-D200-SP1 DESC(ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8). ++VER (Z038) FMID (CPUTK00) PRE (S000024 S004248 S004469 S004798 S005016 S007820 S008803 S010678 S011114 S012174 S012901) SUP (ST13626) ++IF FMID(CPLAK00) REQ(SO13625) . ++IF FMID(CUGRK00) REQ(SO13627) . ++IF FMID(CINSK00) REQ(SO13624) .

Service	Details
SO13627	SO13627 M.C.S. ENTRIES = ++PTF (SO13627) ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8 PROBLEM DESCRIPTION: The CA Log Analyzer for DB2 for z/OS (PLA) Dropped Object Recovery feature fails in RECOVER job step with RC=8 when 1) an image copy data set name specified in an input data set for RECOVER step is longer than 42 characters. 2) a LOB table space is being recovered and it has more than one physical VSAM data set(piece). SYMPTOMS: 1) Following message is displayed in a job log: LAE0433E The RCVRYIDS control statement is invalid. 2) Following message displayed in a job log: DSN1992I VSAM PUT ERROR, RPLERREG = 008, RPLERRCD = 028 IMPACT: 1&2) Dropped Object Recovery feature is not able to recover a DB2 object. CIRCUMVENTION: 1) Update cards for RECOVER step. Ensure that all the lines finish before column 72 and rerun the job from RECOVER step. 2) None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1312 Copyright (C) 2020 CA. All rights reserved. R00945-D200-SP1 DESC(ADOR JOB FAILS IN RECOVER STEP WITH RETURN CODE 8). ++VER (Z038) FMID (CUGRK00) PRE (S000029 S000201 S001660 S004475 S006879 S009188 S012279 S012530 S012902) SUP (ST13627) ++IF FMID(CPLAK00) REQ(SO13625) . ++IF FMID(CPUTK00) REQ(SO13626) . ++IF FMID(CINSK00) REQ(SO13624) .

Service	Details
SO13633	SO13633 M.C.S. ENTRIES = ++PTF (SO13633) EXPLAIN COMMAND FAILS IN CA SQL EDITOR WITH SQLCODE=-713 PROBLEM DESCRIPTION: In CA Plan Analyzer for DB2 for z/OS (PPA), a -713 SQL error could occur when explaining SQL from within the CA SQL Editor. The CA SQL Editor is accessible in Interactive SQL (ISQL), CA Plan Analyzer (PPA), and CA SQL-Ease (SQE). SYMPTOMS: When a DB2 EXPLAIN is performed on a SQL statement in the CA SQL editor, the following SQL error message is generated: SQL error in PLAN IQPIP200 in DBRM PPA@EXE1 statement 1,717 SSID: DT11 DB2 VERSION: V12R1M0 DSNT408I SQLCODE = -713, ERROR: THE REPLACEMENT VALUE FOR CURRENT APPLICATION COMPATIBILITY IS INVALID DSNT418I SQLSTATE = 42815 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXOSPR SQL PROCEDURE DETECTING ERROR DSNT416I SQLERRD = -100 0 0 -1 0 0 SQL DIAGNOSTIC INFORMATION DSNT416I SQLERRD = X'FFFFFF9C' X'00000000' X'00000000' X'FFFFFFF' X'00000000' X'00000000' SQL DIAGNOSTIC INFORMATION IMPACT: An EXPLAIN within the CA SQL Editor generates SQL error -713 and may fail to generate an access path report. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 1029 Copyright (C) 2020 CA. All rights reserved. R00946-D200-SP1 DESC(EXPLAIN COMMAND FAILS IN CA SQL EDITOR WITH SQLCODE=-713). ++VER (Z038) FMID (CPPAK00) PRE (SO01404 SO04462 SO08581 SO11810 SO12068 SO12267) SUP (ST13633)

Service	Details
SO13635	SO13635 M.C.S. ENTRIES = ++PTF (SO13635) IMPROVED FOCUS OF PTIMSG MESSAGES FOR CA RAPID REORG ENHANCEMENT DESCRIPTION: This enhancement for CA Rapid Reorg for DB2 for z/OS (PRR) improves the clarity of PTIMSG for PRR. The following messages will be removed. 1) PRR1006I - EXTENDED-TSREORG YES will be changed to &X EXTENDED-TSREORG NO because no tables were found 2) PRR1011I - EXTENDED-TSREORG YES will be changed to EXTENDED-TSREORG NO &X because the Tablespace object is in REORG PENDING Status 3) PRR1012I - EXTENDED-TSREORG YES will be changed to &X EXTENDED-TSREORG NO because a PBG tablespace is not &X supported in EXTENDED-TSREORG YES mode 4) PRR4144I - Partition By Growth tablespace detected - &X switching to EXTENDED-TSREORG NO 5) PRR0860I - EXTENDED Mode Reorg Changed to STANDARD due to &X Index(es) in Rebuild Pending Status 6) PRR1003I - EXTENDED-TSREORG YES will be changed to &X EXTENDED-TSREORG NO because there is FAST-LOAD input 7) PRR1005I - EXTENDED-TSREORG YES will be changed to &X EXTENDED-TSREORG NO because this is a Multi-Table Tablespace The new message that is being introduced is as follows, - PRR1018I - EXTENDED-TSREORG YES detected - &X switching to EXTENDED-TSREORG NO PRODUCT(S) AFFECTED: CA Rapid Reorg for DB2 for z/OS Release 20.0 Related Problem: PRR 1371 Copyright (C) 2020 CA. All rights reserved. R00947-D200-SP1 DESC(IMPROVED FOCUS OF PTIMSG MESSAGES FOR CA RAPID REORG). ++VER (Z038) FMID (CPRRK00) PRE (R096588 R097715 R098968 S000023 S000846 S001658 S006125 S006582 S006609 S007818 S007893 S008379 S009026 S009089 S009599 S009901 S009905 S010007 S011039 S011080 S011109 S011200 S011222 S011237 S011603 S011998 S012109 S012152 S012277 S012528 S012716 S013152 S013176 S013204 S013339) SUP (S010679 ST10679 ST11058 ST13635)

Service	Details
SO13655	SO13655 M.C.S. ENTRIES = ++PTF (SO13655) DETECTOR COLLECTION MAY INCUR OC4 AFTER APPLYING SO13450 PROBLEM DESCRIPTION: After SO13450 is applied, CA Detector for DB2 for z/OS (PDT) may incur a s0c4 abend in DTSDII, causing collection to terminate. SYMPTOMS: The following abend information is reported in the Xmanager log: TITLE=CA-DETECTOR 20.0 DIAG/DUMP ABEND=S0C4 MODULE=DTSDII OFFSET=0000313C IMPACT: CA Detector collection terminates with a s0c4 abend. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1698 Copyright (C) 2020 CA. All rights reserved. R00949-D200-SP1 DESC(DETECTOR COLLECTION MAY INCUR OC4 AFTER APPLYING SO13450). ++VER (Z038) FMID (CPDTK00) PRE (R096168 R096580 R097707 R098429 R099556 S000263 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S007988 S008129 S008323 S008789 S009065 S010018 S010538 S010908 S011694 S011983 S012538 S012921) SUP (AS06334 AS08129 AS13450 R099946 S000423 S006838 S008446 S009828 S010492 S010652 S013450 ST00423 ST06838 ST08446 ST09828 ST10492 ST10652 ST13450 ST13655 TR99946) ++HOLD (SO13655) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (20175) COMMENT (<pre> +-----+ CA Detector for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * </pre>

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

Service	Details
SO13668	SO13668 M.C.S. ENTRIES = ++PTF (SO13668) RC/Q U-AA REPORT POPULATES INVALID VALUE FOR AUTHORIZATION PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the U-AA(User - All Authorization) report shows an incorrect value for the AUTHORIZATION field when type is CT/MT/XT. Help text is also missing for type CT(Clone Table). SYMPTOMS: The AUTHORIZATION value is populated with something like "\$ACM0100D11A". IMPACT: Authorization value is invalid for above mentioned types. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1616 Copyright (C) 2020 CA. All rights reserved. R00950-D200-SP1 DESC(RC/Q U-AA REPORT POPULATES INVALID VALUE FOR AUTHORIZATION). ++VER (Z038) FMID (CRCQK00) PRE (R099569 S006128 S006875) SUP (ST13668)

Service	Details
SO13676	SO13676 M.C.S. ENTRIES = ++PTF (SO13676) PPA EXPLAIN MAY ABEND WITH OC4 REASON=11 IN PZL#CSUB PROBLEM DESCRIPTION: In CA Plan Analyzer for DB2 for z/OS (PPA), the SQL object dependency service may encounter an abend S0C4-11 in PZL#CSUB when processing SQL that contains more than one view dependency with different view qualifiers. SYMPTOMS: The PPA Explain job may encounter an abend S0C4-11 in PZL#CSUB: SYSTEM COMPLETION CODE=OC4 REASON CODE=00000011 PSW AT TIME OF ERROR 078D2000 ACAD56BA ILC 4 INTC 11 ACTIVE MODULE ADDRESS=00000000_2CAD2000 OFFSET=000036BA NAME=PZL#CSUB IMPACT: PPA Explain may encounter an unrecoverable abend S0C4-11 in PZL#CSUB processing SQL statements that contain VIEW dependencies when using PROCVIEW = (Y) option. CIRCUMVENTION: You may specify PROCVIEW = (N) to skip processing view dependencies in SQL statements. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PPADB2 1030 Copyright (C) 2020 CA. All rights reserved. R00951-D200-SP1 DESC(PPA EXPLAIN MAY ABEND WITH OC4 REASON=11 IN PZL#CSUB). ++VER (Z038) FMID (CINSK00) PRE (SO01396 SO12650) SUP (ST13676)

Service	Details
S013682	M.C.S. ENTRIES = ++PTF (S013682) WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS PROBLEM DESCRIPTION: CA Quick Copy for DB2 for z/OS (PQC) may not find table spaces specified that are specified using a trailing wildcard as in the following example: COPY TABLESPACE DBNAME.* This may happen only when the DBNAME field of the SYSIBM.SYSTABLESPACE record of the target database contains trailing blanks. SYMPTOMS: The following message is issued: PQC0236E CATALOG RETRIEVAL ERROR FOR OBJECT dbname.* - VARIABLE TEXT FOLLOWS: +TABLESPACE NOT FOUND IN CATALOG IMPACT: The syntax COPY TABLESPACE DBNAME.* cannot be used to specify table spaces. CIRCUMVENTION: Add a wildcard to the DBNAME specification as in the following example: COPY TABLESPACE DBNAME%.* The use of DBNAME% may select more table spaces than desired. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 19.0 CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PQC 877 Copyright (C) 2020 CA. All rights reserved. R00952-D200-SP1 DESC(WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS). ++VER (Z038) FMID (CINSK00) PRE (R097704 S000016 S003843 S004455 S004947 S007807 S009761 S011547 S011700 S012819) SUP (AC04039 AS09761 AS12819 S003965 S010514 S013230 ST03965 ST10510 ST10514 ST10962 ST11649 ST11654 ST13230 ST13682) ++IF FMID(CPDAK00) REQ(S013683) . ++IF FMID(CPFUK00) REQ(S013684) . ++IF FMID(CPUTK00) REQ(S013685) . ++IF FMID(CUGRK00) REQ(S013686) . ++HOLD (S013682) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20181) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization.)

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

Service	Details
SO13683	SO13683 M.C.S. ENTRIES = ++PTF (SO13683) WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS PROBLEM DESCRIPTION: CA Quick Copy for DB2 for z/OS (PQC) may not find table spaces specified that are specified using a trailing wildcard as in the following example: COPY TABLESPACE DBNAME.* This may happen only when the DBNAME field of the SYSIBM.SYSTABLESPACE record of the target database contains trailing blanks. SYMPTOMS: The following message is issued: PQC0236E CATALOG RETRIEVAL ERROR FOR OBJECT dbname.* - VARIABLE TEXT FOLLOWS: +TABLESPACE NOT FOUND IN CATALOG IMPACT: The syntax COPY TABLESPACE DBNAME.* cannot be used to specify table spaces. CIRCUMVENTION: Add a wildcard to the DBNAME specification as in the following example: COPY TABLESPACE DBNAME%.* The use of DBNAME% may select more table spaces than desired. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 19.0 CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PQC 877 Copyright (C) 2020 CA. All rights reserved. R00952-D200-SP1 DESC(WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS). ++VER (Z038) FMID (CPDAK00) PRE (R099555 S000017 S009763) SUP (ST13683) ++IF FMID(CPFUK00) REQ(SO13684) . ++IF FMID(CPUTK00) REQ(SO13685) . ++IF FMID(CUGRK00) REQ(SO13686) . ++IF FMID(CINSK00) REQ(SO13682) .

Service	Details
SO13684	SO13684 M.C.S. ENTRIES = ++PTF (SO13684) WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS PROBLEM DESCRIPTION: CA Quick Copy for DB2 for z/OS (PQC) may not find table spaces specified that are specified using a trailing wildcard as in the following example: COPY TABLESPACE DBNAME.* This may happen only when the DBNAME field of the SYSIBM.SYSTABLESPACE record of the target database contains trailing blanks. SYMPTOMS: The following message is issued: PQC0236E CATALOG RETRIEVAL ERROR FOR OBJECT dbname.* - VARIABLE TEXT FOLLOWS: +TABLESPACE NOT FOUND IN CATALOG IMPACT: The syntax COPY TABLESPACE DBNAME.* cannot be used to specify table spaces. CIRCUMVENTION: Add a wildcard to the DBNAME specification as in the following example: COPY TABLESPACE DBNAME%.* The use of DBNAME% may select more table spaces than desired. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 19.0 CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PQC 877 Copyright (C) 2020 CA. All rights reserved. R00952-D200-SP1 DESC(WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS). ++VER (Z038) FMID (CPFUK00) PRE (SO00019 S001818 S009764 S011997) SUP (ST09303 ST09329 ST13684) ++IF FMID(CPDAK00) REQ(SO13683) . ++IF FMID(CPUTK00) REQ(SO13685) . ++IF FMID(CUGRK00) REQ(SO13686) . ++IF FMID(CINSK00) REQ(SO13682) .

Service	Details
SO13685	SO13685 M.C.S. ENTRIES = ++PTF (SO13685) WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS PROBLEM DESCRIPTION: CA Quick Copy for DB2 for z/OS (PQC) may not find table spaces specified that are specified using a trailing wildcard as in the following example: COPY TABLESPACE DBNAME.* This may happen only when the DBNAME field of the SYSIBM.SYSTABLESPACE record of the target database contains trailing blanks. SYMPTOMS: The following message is issued: PQC0236E CATALOG RETRIEVAL ERROR FOR OBJECT dbname.* - VARIABLE TEXT FOLLOWS: +TABLESPACE NOT FOUND IN CATALOG IMPACT: The syntax COPY TABLESPACE DBNAME.* cannot be used to specify table spaces. CIRCUMVENTION: Add a wildcard to the DBNAME specification as in the following example: COPY TABLESPACE DBNAME%.* The use of DBNAME% may select more table spaces than desired. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 19.0 CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PQC 877 Copyright (C) 2020 CA. All rights reserved. R00952-D200-SP1 DESC(WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS). ++VER (Z038) FMID (CPUTK00) PRE (S000024 S001659 S009765 S011999 S012153 S012278 S012529) SUP (ST13685) ++IF FMID(CPDAK00) REQ(S013683) . ++IF FMID(CPFUK00) REQ(S013684) . ++IF FMID(CUGRK00) REQ(S013686) . ++IF FMID(CINSK00) REQ(S013682) .

Service	Details
SO13686	SO13686 M.C.S. ENTRIES = ++PTF (SO13686) WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS PROBLEM DESCRIPTION: CA Quick Copy for DB2 for z/OS (PQC) may not find table spaces specified that are specified using a trailing wildcard as in the following example: COPY TABLESPACE DBNAME.* This may happen only when the DBNAME field of the SYSIBM.SYSTABLESPACE record of the target database contains trailing blanks. SYMPTOMS: The following message is issued: PQC0236E CATALOG RETRIEVAL ERROR FOR OBJECT dbname.* - VARIABLE TEXT FOLLOWS: +TABLESPACE NOT FOUND IN CATALOG IMPACT: The syntax COPY TABLESPACE DBNAME.* cannot be used to specify table spaces. CIRCUMVENTION: Add a wildcard to the DBNAME specification as in the following example: COPY TABLESPACE DBNAME%.* The use of DBNAME% may select more table spaces than desired. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 19.0 CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PQC 877 Copyright (C) 2020 CA. All rights reserved. R00952-D200-SP1 DESC(WILDCARDED TABLE SPACE NOT FOUND BECAUSE OF TRAILING BLANKS). ++VER (Z038) FMID (CUGRK00) PRE (R096595 R099574 S000029 S000201 S000788 S001660 S004251 S006879 S007826 S008280 S009742 S009766 S009903 S011605 S012155 S013206) SUP (ST09305 ST09331 ST13686) ++IF FMID(CPDAK00) REQ(S013683) . ++IF FMID(CPFUK00) REQ(S013684) . ++IF FMID(CPUTK00) REQ(S013685) . ++IF FMID(CINSK00) REQ(S013682) .

Service	Details
SO13717	SO13717 M.C.S. ENTRIES = ++PTF (SO13717) 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 214 Copyright (C) 2020 CA. All rights reserved. R00955-D200-SP1 DESC(Security or Integrity Problem). ++VER (Z038) FMID (CINSK00) PRE (R099979 S004455 S006113 S006863 S011317 S011674 S012924) SUP (AS06863 CC04039 S007552 ST07332 ST07532 ST07552 ST13302 ST13322 ST13420 ST13428 ST13473 ST13487 ST13717) ++HOLD (SO13717) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20182) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. </pre> *)

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

Service	Details
SO13718	SO13718 M.C.S. ENTRIES = ++PTF (SO13718) 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 Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1315 Copyright (C) 2020 CA. All rights reserved. R00956-D200-SP1 DESC(Security or Integrity Problem). ++VER (Z038) FMID (CPLAK00) PRE (R099559 S000020 S000975 S004245 S008802 S011113 S011669) SUP (AC13695 ST13718)

Service	Details				
SO13730	SO13730 M.C.S. ENTRIES = ++PTF (SO13730) PROBLEMS ACCESSING PRF OBJECTS OF A NON-DEFAULT CREATOR ID PROBLEM DESCRIPTION: CA Report Facility (PRF) users can switch to an authorized non-default Creator ID using the ENVSET (PREFIX=value) Procedure command. This command enables them to work with PRF objects defined under a different Creator ID. However, even after the successful execution of the ENVSET (PREFIX=value) Procedure command, the problem occurs while dealing with the objects defined under that specified creator ID in the following scenarios: 1. While the objects are being imported into PRF with REPLACE option 'Y'. 2. While the objects are being imported as new ones into PRF with REPLACE option 'N', and the new object names specified. 3. While deleting the objects from the Library screens. SYMPTOMS: 1. PRF error 'PRF1036E You can only replace an object from your own library' for problem scenario 1. 2. Sporadic PRF error 'PRF0456E Existing objects must be renamed or unselected before importing.' for problem scenario 2. 3. PRF error 'PRF0127E You can only delete a member from your own library' for problem scenario 3. IMPACT: PRF user is not able to work with the objects whose creator ID was specified in the ENVSET (PREFIX=value) Procedure command. CIRCUMVENTION: For problem scenario 2, and in PRF online, go back to the PRF System Services screen and re-enter the Import Services menu to perform the import of the objects. For problem scenario 3, delete the objects using DELETE Procedure command. 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 722 Copyright (C) 2020 CA. All rights reserved. R00960-D200-SP1 DESC (PROBLEMS ACCESSING PRF OBJECTS OF A NON-DEFAULT CREATOR ID). ++VER (Z038) FMID (CPRFK00) PRE (R097712 R098496 R099195 R099562 S001406 S004464 S006122 S006443 S007815 S009662 S011296) SUP (ST07280 ST13730) ++IF FMID(CPRFK01) REQ(S013731) . ++IF FMID(CPRFK02) REQ(S013732) .	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		
SO13761	SO13761 M.C.S. ENTRIES = ++PTF (SO13761) MULTIPLE EXCEPTIONS GROUPED UNDER A SINGLE RECORD PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may group non-cursor based SQL statements into a PREPARE, OPEN, FETCH, CLOSE exception when the section numbers of the statements match. SYMPTOMS: UPDATE, INSERT, DELETE and other non-cursors based statements may be found listed with a PREPARE, OPEN, FETCH, CLOSE exception. IMPACT: The exceptions may be grouped together incorrectly. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 19.0 CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1697 Copyright (C) 2020 CA. All rights reserved. R00964-D200-SP1 DESC(MULTIPLE EXCEPTIONS GROUPED UNDER A SINGLE RECORD). ++VER (Z038) FMID (CPDTK00) PRE (R096168 R097707 R098429 S003942 S004458 S006334 S007810 S009811 S010908 S011694) SUP (ST13761) ++HOLD (SO13761) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (20178) 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.	
	).	
MCS	SO12794	STARTS ON PAGE 0002
MCS	SO13273	STARTS ON PAGE 0004
MCS	SO13340	STARTS ON PAGE 0004
MCS	SO13341	STARTS ON PAGE 0006
MCS	SO13417	STARTS ON PAGE 0007
MCS	SO13421	STARTS ON PAGE 0008
MCS	SO13437	STARTS ON PAGE 0009
MCS	SO13450	STARTS ON PAGE 0010
MCS	SO13453	STARTS ON PAGE 0011
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MCS	SO13635	STARTS ON PAGE 0040
MCS	SO13655	STARTS ON PAGE 0041
MCS	SO13668	STARTS ON PAGE 0043
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MCS	SO13682	STARTS ON PAGE 0045
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CA DB2 Tools 20.0
CA RS 2007 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 2007 Product/Component Count for this release is 27

CA RS Level	Service	FMID
CAR2007	S013761	CPDTK00
	S013730	CPRFK00
	S013718	CPLAK00
	S013717	CINSK00
	S013686	CUGRK00
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	S013682	CINSK00
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	S013453	CINSK00
	S013450	CPDTK00
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00
	S013340	CINSK00
	S013273	CINSK00
	S012794	CINSK00
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00

CA RS Level	Service	FMID
	S013234	CPLAK00
	S013230	CINSK00
	S013229	CINSK00
	S013224	CPLAK00
	S013213	CINSK00
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	S013203	CPFLK00
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00

CA RS Level	Service	FMID
	S012937	CRCXK00
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRC SK00

CA RS Level	Service	FMID
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00

CA RS Level	Service	FMID
	S012197	CPFUK00
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00

CA RS Level	Service	FMID
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00

CA RS Level	Service	FMID
	S011693	CIDBK00
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00

CA RS Level	Service	FMID
	S011323	CUGRK00
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00

CA RS Level	Service	FMID
	S010908	CPDTK00
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00

CA RS Level	Service	FMID
	S010405	CIDBK00
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00

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CA RS Level	Service	FMID
	S009945	CINSK00
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCSK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00

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All CA RS Levels Service List

CA RS Level	Service	FMID
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00

CA RS Level	Service	FMID
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCCK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	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

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CA RS Level	Service	FMID
	S009083	CPLAK00
	S009068	CIDBK00
	S009065	CPDTK00
	S009055	CIDBK00
	S009054	CIDBK00
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	S008766	CINSK00
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00

CA RS Level	Service	FMID
	S008750	CINSK00
	S008728	CIDBK00
	S008684	CINSK00
	S008668	CUGRK00
	S008667	CPUTK00
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	S008644	CINSK00
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00

CA RS Level	Service	FMID
	S008280	CUGRK00
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00

CA RS Level	Service	FMID
CAR1904	S007856	CINSK00
	S007826	CUGRK00
	S007825	CTGRK00
	S007824	CRCUK00
	S007823	CRCSK00
	S007822	CRCQK00
	S007821	CRCKM00
	S007820	CPUTK00
	S007819	CPSAK00
	S007818	CPRRK00
	S007815	CPRFK00
	S007814	CPPAK00
	S007813	CPLAK00
	S007812	CPFUK00
	S007811	CPFLK00
	S007810	CPDTK00
	S007809	CPDAK00
	S007808	COFSK00
	S007807	CINSK00
	S007806	CIDBK00
	S007804	CAHOK00
	S007774	CINSK00
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
CAR1903	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00
	S007169	CINSK00
	S007412	CINSK00
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00
	S007323	CINSK00
	S007204	CPSAK00
CAR1902	S007167	CINSK00
	S006978	CINSK00
	S006977	CIDBK00
	S006879	CUGRK00
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCSK00

CA RS Level	Service	FMID
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00

CA RS Level	Service	FMID
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00
	S004756	CINSK00
CAR1808	S004720	CRCUK00
	S004719	CRCMK00

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CA RS Level	Service	FMID
	S004718	CINSK00
	S004475	CUGRK00
	S004474	CTGRK00
	S004473	CRCXK00
	S004472	CRCUK00
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	S004468	CPSAK00
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00

CA RS Level	Service	FMID
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCSK00
	S001641	CPLAK00
CAR1805	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00

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CA RS Level	Service	FMID
	S000977	CSQ2100
	S000975	CPLAK00
	S000894	CUGRK00
	S000893	CPUTK00
	S000871	CPSAK00
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	S000846	CPRRK00
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100
CAR1801	R099853	CRCXK00
	R099748	CINSK00
	R099574	CUGRK00

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

CA RS Level	Service	FMID
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	R096579	CPDAK00
	R096578	CPBAK00
	R096577	COFSK00
	R096576	CINSK00
	R096575	CIDBK00
CAR1707	R096495	CSQ2100
	R096401	CUTSK00
CAR1706	R096169	CPSAK00
	R096168	CPDTK00
	R096167	CINSK00
	R096162	CPDAK00
	R096102	CSQ2100
	R096005	CUTSK00
	R096002	CUGRK00
	R095972	CUTSK00
	R095918	CUTSK00