

Service	Description	Type
S012851	ENHANCEMENTS IN POST-INSTALL TAILORING	PTF
S012852	ENHANCEMENTS IN POST-INSTALL TAILORING	PTF
S012853	ENHANCEMENTS IN POST-INSTALL TAILORING	PTF
S012921	ABEND=S0E0 MODULE=DTSDII OFFSET=00002468	PTF
S012958	FOLLOW DB2 VSAM NAMING CONVENTION IN FLASHCOPY RESTORE	PTF
S012984	PFL0510E ERROR RECEIVED WITH INDDN SYSULD01	PTF
S012994	ANALYSIS ENDS WITH A SOC4 ABEND IN RMLMKLRG WITH REASON 11	PTF
S012999	SMP/E DEBUGGING TOOL	PTF
S013005	Security or Integrity Problem	** PRP **
S013009	ALTER INDEX STATEMENTS SUPPORT FOR DDL REPORTING	PTF
S013024	PQC ENDS WITH CASTOUT ERROR FOR INDEXSPACE SHRLEVEL CHANGE	PTF
S013032	WRONG FILTERING OF DYNAMIC WHERE CLAUSE WITH IDB2ACCT	PTF
S013044	HDDL IN BATCH MODE DOES NOT WORK WITH ACM ON	PTF
S013066	INVALID SEGMENTED SPACE MAP HEADER FIELDS / SOC4 IN FLLIMITS	PTF
S013071	HUFFMAN COMPRESSION DETECTION SUPPORT IN RC/MERGER ANALYSIS	PTF
S013074	Security or Integrity Problem	** PRP **
S013075	BPACALL FAILS WITH SOC1	PTF
S013080	RC4 ISSUED WITH .FREE COMMAND WHEN DUPLICATE DATASET EXIST	PTF
S013083	SAVED REPORT FORMAT DOES NOT WORK FOR NUMERIC FIELDS	PTF
S013091	PXMRMAIN UTILITY FAILS WITH RC=4 IN R20	PTF
S013096	CA UTILITY SORT ENHANCEMENTS	PTF
S013097	CA UTILITY SORT ENHANCEMENTS	PTF
S013098	CA UTILITY SORT ENHANCEMENTS	PTF
S013111	EXTENDING SECONDARY IDS FROM 255 TO MAX OF 1012	PTF
S013112	EXTENDING SECONDARY IDS FROM 255 TO MAX OF 1012	PTF
S013130	ADJUST START_RBA SELECTION TO USE CORRECT VALUE FOR OBIDXLAT	PTF
S013149	RC/MERGER EXECUTION FAILS WITH -198	PTF
S013150	INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506	PTF
S013151	INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506	PTF
S013152	INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506	PTF
S013153	INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506	PTF
S013154	DROP DDL MISSING IN .CALL SNAPSHOT FOR NEWLY CREATED OBJECTS	PTF
S013175	SQLCODE -904 WITH REASON CODE 00D70011 AFTER LOAD	*HIP/PRP*
S013176	PRR CRITICAL INDEX-ONLY LOG APPLY IMPROVEMENTS	PTF
S013193	RESTRICT CALL TO PTI.RMRTPE ONLY FOR TABLE WITH IDENTITY COL	PTF
S013203	CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME	PTF
S013204	CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME	PTF
S013205	CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME	PTF
S013206	CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME	PTF
S013213	CAIDEBUG DOCUMENTATION	PTF
S013224	WRONG TIME REPORTED FOR LOG RANGE CLOSE TO DST START TIME.	PTF
S013229	RMA254E INCORRECTLY ISSUED WHEN AUX IX AND AUX TBL PRESENT	PTF
S013230	ABEND U0295 WHEN USING PDA COLLECTION SERVICES	** PRP **
S013234	DML LOAD FILE GENERATION ABENDS WITH SE37 FOR LADFILE	PTF
S013306	EDITING A VIEW FAILS WITH RU595E MESSAGE RC=007901	PTF
S013307	ADD BIND SERVICE SYNTAX IN BIND BATCH PROCESSOR	PTF
S013308	ADD BIND SERVICE SYNTAX IN BIND BATCH PROCESSOR	PTF

CA DB2 Tools 20.0
CA RS 2006 Service List

2

Service	Description	Type
S013316	S378-18 OR OTHER STORAGE RELATED ABENDS IN UTILITIES	** PRP **
S013319	S378-18 OR OTHER STORAGE RELATED ABENDS IN UTILITIES	PTF
S013320	INCORRECT INDEX STATISTICS AFTER PDA FASTSCAN	** PRP **
S013329	Security or Integrity Problem	** PRP **
S013339	CA UTILTY SORT ENHANCEMENTS	PTF
S013352	FOREIGN KEY REFERENCE CLAUSE MISSING WHEN CREATING TABLE DDL	PTF
The CA RS 2006 service count for this release is 53		

CA DB2 Tools
CA RS 2006 Service List for CAHOK00

FMID	Service	Description	Type
CAHOK00	S013307	ADD BIND SERVICE SYNTAX IN BIND BATCH PROCESSOR	PTF
The CA RS 2006 service count for this FMID is 1			

CA DB2 Tools
CA RS 2006 Service List for CIDBK00

FMID	Service	Description	Type
CIDBK00	S013005	Security or Integrity Problem	** PRP **
	S013032	WRONG FILTERING OF DYNAMIC WHERE CLAUSE WITH IDB2ACCT	PTF
The CA RS 2006 service count for this FMID is 2			

CA DB2 Tools
CA RS 2006 Service List for CINSK00

5

FMID	Service	Description	Type
CINSK00	S012851	ENHANCEMENTS IN POST-INSTALL TAILORING	PTF
	S012994	ANALYSIS ENDS WITH A SOC4 ABEND IN RMLMKLRG WITH REASON 11	PTF
	S012999	SMP/E DEBUGGING TOOL	PTF
	S013044	HDDL IN BATCH MODE DOES NOT WORK WITH ACM ON	PTF
	S013071	HUFFMAN COMPRESSION DETECTION SUPPORT IN RC/MERGER ANALYSIS	PTF
	S013075	BPACALL FAILS WITH SOC1	PTF
	S013080	RC4 ISSUED WITH .FREE COMMAND WHEN DUPLICATE DATASET EXIST	PTF
	S013096	CA UTILITY SORT ENHANCEMENTS	PTF
	S013111	EXTENDING SECONDARY IDS FROM 255 TO MAX OF 1012	PTF
	S013149	RC/MERGER EXECUTION FAILS WITH -198	PTF
	S013154	DROP DDL MISSING IN .CALL SNAPSHOT FOR NEWLY CREATED OBJECTS	PTF
	S013193	RESTRICT CALL TO PTI.RMRTPE ONLY FOR TABLE WITH IDENTITY COL	PTF
	S013213	CAIDEBUG DOCUMENTATION	PTF
	S013229	RMA254E INCORRECTLY ISSUED WHEN AUX IX AND AUX TBL PRESENT	PTF
	S013230	ABEND U0295 WHEN USING PDA COLLECTION SERVICES	** PRP **
	S013308	ADD BIND SERVICE SYNTAX IN BIND BATCH PROCESSOR	PTF
	S013320	INCORRECT INDEX STATISTICS AFTER PDA FASTSCAN	** PRP **
	S013352	FOREIGN KEY REFERENCE CLAUSE MISSING WHEN CREATING TABLE DDL	PTF
The CA RS 2006 service count for this FMID is 18			

CA DB2 Tools
CA RS 2006 Service List for CPDTK00

6

FMID	Service	Description	Type
CPDTK00	S012921	ABEND=SOE0 MODULE=DT\$DII OFFSET=00002468	PTF
	S013074	Security or Integrity Problem	** PRP **
	S013091	PXMRMAIN UTILITY FAILS WITH RC=4 IN R20	PTF
The CA RS 2006 service count for this FMID is 3			

CA DB2 Tools
CA RS 2006 Service List for CPFLK00

7

FMID	Service	Description	Type
CPFLK00	SO12984	PFL0510E ERROR RECEIVED WITH INDDN SYSULD01	PTF
	SO13066	INVALID SEGMENTED SPACE MAP HEADER FIELDS / SOC4 IN FLLMITS	PTF
	SO13097	CA UTILITY SORT ENHANCEMENTS	PTF
	SO13150	INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506	PTF
	SO13175	SQLCODE -904 WITH REASON CODE 00D70011 AFTER LOAD	*HIP/PRP*
	SO13203	CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME	PTF
The CA RS 2006 service count for this FMID is 6			

CA DB2 Tools
CA RS 2006 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	S013151	INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506	PTF
	S013319	S378-18 OR OTHER STORAGE RELATED ABENDS IN UTILITIES	PTF
The CA RS 2006 service count for this FMID is 2			

CA DB2 Tools
CA RS 2006 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	S013009	ALTER INDEX STATEMENTS SUPPORT FOR DDL REPORTING	PTF
	S013224	WRONG TIME REPORTED FOR LOG RANGE CLOSE TO DST START TIME.	PTF
	S013234	DML LOAD FILE GENERATION ABENDS WITH SE37 FOR LADFILE	PTF
The CA RS 2006 service count for this FMID is 3			

CA DB2 Tools
CA RS 2006 Service List for CPRRK00

10

FMID	Service	Description	Type
CPRRK00	S013152	INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506	PTF
	S013176	PRR CRITICAL INDEX-ONLY LOG APPLY IMPROVEMENTS	PTF
	S013204	CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME	PTF
	S013339	CA UTILTY SORT ENHANCEMENTS	PTF
The CA RS 2006 service count for this FMID is 4			

CA DB2 Tools
CA RS 2006 Service List for CPSAK00

11

FMID	Service	Description	Type
CPSAK00	S012852	ENHANCEMENTS IN POST-INSTALL TAILORING	PTF
	S013329	Security or Integrity Problem	** PRP **
The CA RS 2006 service count for this FMID is 2			

CA DB2 Tools
CA RS 2006 Service List for CPUTK00

12

FMID	Service	Description	Type
CPUTK00	S013098	CA UTILITY SORT ENHANCEMENTS	PTF
	S013153	INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506	PTF
	S013205	CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME	PTF
	S013316	S378-18 OR OTHER STORAGE RELATED ABENDS IN UTILITIES	** PRP **
The CA RS 2006 service count for this FMID is 4			

CA DB2 Tools
CA RS 2006 Service List for CRCQK00

13

FMID	Service	Description	Type
CRCQK00	S013083	SAVED REPORT FORMAT DOES NOT WORK FOR NUMERIC FIELDS	PTF
The CA RS 2006 service count for this FMID is 1			

CA DB2 Tools
CA RS 2006 Service List for CRCUK00

14

FMID	Service	Description	Type
CRCUK00	S013112	EXTENDING SECONDARY IDS FROM 255 TO MAX OF 1012	PTF
	S013306	EDITING A VIEW FAILS WITH RU595E MESSAGE RC=007901	PTF
The CA RS 2006 service count for this FMID is 2			

CA DB2 Tools
CA RS 2006 Service List for CTGRK00

FMID	Service	Description	Type
CTGRK00	SO12958	FOLLOW DB2 VSAM NAMING CONVENTION IN FLASHCOPY RESTORE	PTF
The CA RS 2006 service count for this FMID is 1			

CA DB2 Tools
CA RS 2006 Service List for CUGRK00

16

FMID	Service	Description	Type
CUGRK00	S012853	ENHANCEMENTS IN POST-INSTALL TAILORING	PTF
	S013024	PQC ENDS WITH CASTOUT ERROR FOR INDEXSPACE SHRLEVEL CHANGE	PTF
	S013130	ADJUST START_RBA SELECTION TO USE CORRECT VALUE FOR OBIDXLAT	PTF
	S013206	CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME	PTF
The CA RS 2006 service count for this FMID is 4			

Service	Details
S012851	M.C.S. ENTRIES = ++PTF (S012851) ENHANCEMENTS IN POST-INSTALL TAILORING ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS post-install tailoring process has been enhanced to facilitate easier and quicker navigation through the panels that are available from CA Products for DB2 for z/OS Post-Install Tailoring (INS) menu. This functionality includes: - Updating the look and feel of the Post-Install Tailoring panels across all options to ensure consistency when making edits and executing changes. Includes unifying the colors and look of the input fields, output fields, non editable text and point and shoot options. - When setting up global parmlib members, the SETUP Subsystem Edit Selection panel (INSEDSE2) has been updated to include: * The new FIND/LOCATE SSID command to quickly select a relevant subsystem ID when a large number of Db2 subsystems are displayed. * The new SORT command that lets you sort the columns on the panel in ascending or descending order to quickly find and update subsystems that are marked in error. - When executing Db2 catalog customization tasks: * Processing of the Select DB2 Subsystems panel (INSSLDB2) is now faster and you can use the new FIND/LOCATE SSID command to quickly select a relevant subsystem when a large number of Db2 subsystems is displayed. * The Select DB2 Tasks panel (INSSLTSK) now displays the task ID for each task to help with orientation when generated task members have been renamed. Obsolete and irrelevant customization tasks have been removed. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: INS474 Copyright (C) 2020 CA. All rights reserved. R00851-D200-SP1 DESC(ENHANCEMENTS IN POST-INSTALL TAILORING). ++VER(Z038) FMID(CINSK00) PRE(R099553 S001396 S004455 S006113 S006863 S007807 S009860 S012076) SUP(ST12851) ++IF FMID(CPSAK00) REQ(S012852) . ++IF FMID(CUGRK00) REQ(S012853) . ++HOLD(S012851) SYSTEM FMID(CINSK00) REASON(AO) DATE(20126) COMMENT(+-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE The following post-install tailoring panel changes may affect any automation you have set up: Modified layout of "Select DB2 Tasks" (INSSLTSK) ISPF panel.

Service	Details	
		Modified layout of "Select DB2 Subsystems" (INSSLDB2)
		ISPF panel.
		Removed "ACM Table Conversion Task" from
		"Select DB2 Tasks" (INSSLTSK) ISPF panel.
		Removed "ALOGRANGE Table Conversion Task" from
		"Select DB2 Tasks" (INSSLTSK) ISPF panel.
		Modification of input and output fields in most of
		Post Install Tailoring panels.
+-----+-----+-----+		
USERS		All users of Post Install Tailoring.
AFFECTED		
+-----+-----+-----+		
KNOWLEDGE		CA DB2 Tools Post Install Tailoring.
REQUIRED		
+-----+-----+-----+		
ACCESS		Product runtime libraries.
REQUIRED		
+-----+-----+-----+		
+-----+-----+-----+		

* STEPS TO PERFORM *		

Update any automation tasks you have set up as needed to address the following post-install tailoring panel changes:		
1. A new Task ID column has been added to the Select DB2 Tasks (INSSLTSK) ISPF panel and the following tasks have been removed:		
- ACM Table Conversion		
- ALOGRANGE Table Conversion		
2. The JCL generation flag between the selection column and DB2 SSID column has been removed from the Select DB2 Subsystems (INSSLDB2) ISPF panel.		
3. The position of many input and output fields has shifted slightly across the Post-Install Tailoring panels. Input fields now have all leading dots and a greater than sign (>) to indicate input.		
The default display of information and warning messages has been suppressed unless an error is encountered. You may need to adjust automation that relies on the exact location of input fields or the presence of certain messages.		
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Service	Details
S012852	M.C.S. ENTRIES = ++PTF (S012852) ENHANCEMENTS IN POST-INSTALL TAILORING ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS post-install tailoring process has been enhanced to facilitate easier and quicker navigation through the panels that are available from CA Products for DB2 for z/OS Post-Install Tailoring (INS) menu. This functionality includes: - Updating the look and feel of the Post-Install Tailoring panels across all options to ensure consistency when making edits and executing changes. Includes unifying the colors and look of the input fields, output fields, non editable text and point and shoot options. - When setting up global parmlib members, the SETUP Subsystem Edit Selection panel (INSEDSE2) has been updated to include: * The new FIND/LOCATE SSID command to quickly select a relevant subsystem ID when a large number of Db2 subsystems are displayed. * The new SORT command that lets you sort the columns on the panel in ascending or descending order to quickly find and update subsystems that are marked in error. - When executing Db2 catalog customization tasks: * Processing of the Select DB2 Subsystems panel (INSSLDB2) is now faster and you can use the new FIND/LOCATE SSID command to quickly select a relevant subsystem when a large number of Db2 subsystems is displayed. * The Select DB2 Tasks panel (INSSLTSK) now displays the task ID for each task to help with orientation when generated task members have been renamed. Obsolete and irrelevant customization tasks have been removed. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: INS474 Copyright (C) 2020 CA. All rights reserved. R00851-D200-SP1 DESC(ENHANCEMENTS IN POST-INSTALL TAILORING). ++VER(Z038) FMID(CPSAK00) PRE(R096169) SUP(ST12852 TR96018 TR96041) ++IF FMID(CUGRK00) REQ(S012853) ++IF FMID(CINSK00) REQ(S012851) ++HOLD(S012852) SYSTEM FMID(CPSAK00) REASON(AO)DATE(20126) COMMENT(CA Subsystem Analyzer for DB2 for z/OS Version 20.0 SEQUENCE After Apply PURPOSE New ISPF panel for SETUPxx parser warning(s). USERS Users of CA Products for DB2 for z/OS Post-Install AFFECTED Tailoring (INS).)

Service	Details
	KNOWLEDGE CA DB2 Tools Post Install Customization. REQUIRED +-----+-----+ ACCESS Product runtime libraries. REQUIRED +-----+-----+ +-----+-----+ ***** * STEPS TO PERFORM * ***** This PTF introduces a new ISPF panel INSSETW 'SETUP Parser Warning(s)', which displays warning(s) during SETUPxx global parmlib member parsing, if unrecognized keywords are present in the member. After selecting a SETUPxx global parmlib member during Post-Install tailoring, this new panel might be displayed before the 'Edit Parmlib Member SETUP' panel INSEASET. As an example, a Post-Install automation might require update(s), if it expects 'Edit Parmlib Member SETUP' panel INSEASET after selecting a SETUPxx member on 'Create/Edit Parmlib' panel INSEDP2.).

Service	Details												
SO12853	SO12853 M.C.S. ENTRIES = ++PTF (SO12853) ENHANCEMENTS IN POST-INSTALL TAILORING ENHANCEMENT DESCRIPTION: The CA Database Management Solutions for DB2 for z/OS post-install tailoring process has been enhanced to facilitate easier and quicker navigation through the panels that are available from CA Products for DB2 for z/OS Post-Install Tailoring (INS) menu. This functionality includes: - Updating the look and feel of the Post-Install Tailoring panels across all options to ensure consistency when making edits and executing changes. Includes unifying the colors and look of the input fields, output fields, non editable text and point and shoot options. - When setting up global parmlib members, the SETUP Subsystem Edit Selection panel (INSEDS2) has been updated to include: * The new FIND/LOCATE SSID command to quickly select a relevant subsystem ID when a large number of Db2 subsystems are displayed. * The new SORT command that lets you sort the columns on the panel in ascending or descending order to quickly find and update subsystems that are marked in error. - When executing Db2 catalog customization tasks: * Processing of the Select DB2 Subsystems panel (INSSLDB2) is now faster and you can use the new FIND/LOCATE SSID command to quickly select a relevant subsystem when a large number of Db2 subsystems is displayed. * The Select DB2 Tasks panel (INSSLTSK) now displays the task ID for each task to help with orientation when generated task members have been renamed. Obsolete and irrelevant customization tasks have been removed. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: INS 474 Copyright (C) 2020 CA. All rights reserved. R00851-D200-SP1 DESC(ENHANCEMENTS IN POST-INSTALL TAILORING). ++VER (Z038) FMID (CUGRK00) PRE (SO09867) SUP (ST12853) ++IF FMID(CPSAK00) REQ(SO12852) . ++IF FMID(CINSK00) REQ(SO12851) . ++HOLD (SO12853) SYSTEM FMID(CUGRK00) REASON (AO) DATE (20126) COMMENT (<table border="1"> <tr> <td>CA DBM Solutions for DB2 for z/OS Utility General Recovery</td><td></td></tr> <tr> <td>Version 20.0</td><td></td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>New ISPF panel for SETUPxx parser warning(s).</td></tr> <tr> <td>USERS</td><td>Users of CA Products for DB2 for z/OS Post-Install</td></tr> <tr> <td>AFFECTED</td><td>Tailoring (INS).</td></tr> </table>	CA DBM Solutions for DB2 for z/OS Utility General Recovery		Version 20.0		SEQUENCE	After Apply	PURPOSE	New ISPF panel for SETUPxx parser warning(s).	USERS	Users of CA Products for DB2 for z/OS Post-Install	AFFECTED	Tailoring (INS).
CA DBM Solutions for DB2 for z/OS Utility General Recovery													
Version 20.0													
SEQUENCE	After Apply												
PURPOSE	New ISPF panel for SETUPxx parser warning(s).												
USERS	Users of CA Products for DB2 for z/OS Post-Install												
AFFECTED	Tailoring (INS).												

Service	Details
	<pre> +-----+-----+ KNOWLEDGE CA DB2 Tools Post Install Customization. REQUIRED +-----+-----+ ACCESS Product runtime libraries. REQUIRED +-----+-----+ +-----+-----+ ***** * STEPS TO PERFORM * ***** This PTF introduces a new ISPF panel INSSETW 'SETUP Parser Warning(s)', which displays warning(s) during SETUPxx global parmlib member parsing, if unrecognized keywords are present in the member. After selecting a SETUPxx global parmlib member during Post-Install tailoring, this new panel might be displayed before the 'Edit Parmlib Member SETUP' panel INSEASET. As an example, a Post-Install automation might require update(s), if it expects 'Edit Parmlib Member SETUP' panel INSEASET after selecting a SETUPxx member on 'Create/Edit Parmlib' panel INSEDP2.).</pre>

Service	Details
SO12921	SO12921 M.C.S. ENTRIES = ++PTF (SO12921) The following items are included in this solution: 1. ABEND=SOE0 MODULE=DTSDII OFFSET=00002468 2. DTSDII ABEND=SOC4 MODULE=DTSDII OFFSET OF1A0 ===== ABEND=SOE0 MODULE=DTSDII OFFSET=00002468 PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may abend with an OE0 and terminate the collection when DB2 ZPARM DISALLOW_SSARAUTH=YES is set. SYMPTOMS: Collection terminates and the following message is written to the XMANAGER log: PDT0185 ABEND=SOE0 MODULE=DTSDII OFFSET=00002468 DB2=121 IMPACT: Data may be lost due to collection termination. CIRCUMVENTION: This problem may be circumvented by using DISALLOW_SSARAUTH=NO. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1688 ===== DTSDII ABEND=SOC4 MODULE=DTSDII OFFSET OF1A0 PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may abend with an OC4 and terminate the collection when collecting host variables for native SQL UDFs. SYMPTOMS: Collection terminates and the following message is written to the XMANAGER log: DTSDII ABEND=SOC4 MODULE=DTSDII OFFSET OF1A0 IMPACT: Data may be lost due to the collection termination. CIRCUMVENTION: This problem may be circumvented by using the following setting on the Detector Collection Start panel: Host variables ==> N (Y/N) (applies to all options) Alternately, you can specify CHV(N) in the Detector start command. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1686 Copyright (C) 2020 CA. All rights reserved. R00860-D200-SP1 DESC(ABEND=SOE0 MODULE=DTSDII OFFSET=00002468) . ++VER (Z038) FMID (CPDTK00) PRE (R096168 R096580 R097707 R098429 R099556 S000263 S001400 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S007988 S008129 S008323 S008789 S009065 S010538 S010908 S011694 S011983 S012538) SUP (AS06334 AS08129 R099946 S000423 S006838 S008446

Service	Details
	SO09239 SO09601 SO09828 SO10018 SO10492 SO10652 ST00423 ST06838 ST07220 ST08446 ST09239 ST09601 ST09828 ST10018 ST10492 ST10652 ST12921 TR99946) ++HOLD (SO12921) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (20122) COMMENT (+-----+ CA Detector for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.).

Service	Details
SO12958	SO12958 M.C.S. ENTRIES = ++PTF (SO12958) FOLLOW DB2 VSAM NAMING CONVENTION IN FLASHCOPY RESTORE ENHANCEMENT DESCRIPTION: In CA Database Management Solutions for DB2 for z/OS, a modification of an internal Flashcopy restore programming interface has been made in order to ensure that DB2 pageset VSAM data sets are restored with the proper naming convention. PRODUCT(S) AFFECTED: CA Database Management Solution for DB2 for zOS Base Install Version 20.0 Related Problem: INS 478 Copyright (C) 2020 CA. All rights reserved. R00864-D200-SP1 DESC(FOLLOW DB2 VSAM NAMING CONVENTION IN FLASHCOPY RESTORE). ++VER (Z038) FMID (CTGRK00) PRE (S003676 S007825 S008762 S009187) SUP (ST12958)

Service	Details
SO12984	SO12984 M.C.S. ENTRIES = ++PTF (SO12984) PFL0510E ERROR RECEIVED WITH INDDN SYSULD01 PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) fails with PFL0509E error when the INDDN value is longer than 6 characters and ends with "01" suffix. SYMPTOMS: - The job finishes with RC 8. - The following message is printed to the PTIMSG DD: PFL0509E - Number of INDDN devices must be less than or equal to partition count IMPACT: Processing fails. CIRCUMVENTION: Use an INDDN value that is 6 characters or less in length, or use an INDDN value with a suffix other than "01". PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1295 Copyright (C) 2020 CA. All rights reserved. R00868-D200-SP1 DESC(PFL0510E ERROR RECEIVED WITH INDDN SYSULD01). ++VER (Z038) FMID (CPFLK00) PRE (R097708 S000018 S004275 S004459 S004857 S006117 S007170 S007811 S008071 S009024 S009977 S011235 S011996 S012150 S012526) SUP (ST12984) ++HOLD (SO12984) SYSTEM FMID(CPFLK00) REASON (MSGSKEL) DATE (20125) COMMENT (<pre> +-----+ CA Fast Load for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED </pre>

Service	Details
	1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).

Service	Details
SO12994	SO12994 M.C.S. ENTRIES = ++PTF (SO12994) ANALYSIS ENDS WITH A SOC4 ABEND IN RMLMKLRG WITH REASON 11 PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the analysis may sporadically end with a SOC4 abend with a reason code 11 if the following conditions are true: 1) The strategy includes tables with key label specified. 2) Utility OREORGKL or OREORGKR is active. SYMPTOMS: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=22.13.11 SEQ=52621 CPU=0000 ASID=013B PSW AT TIME OF ERROR 078D0000 A30B4120 ILC 6 INTC 11 ACTIVE LOAD MODULE ADDRESS=230B1000 OFFSET=00003120 NAME=RMLMKLRG DATA AT PSW 230B411A - D703D28C D28CD207 D050AE8C IMPACT: Analysis will be incomplete. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 3059 Copyright (C) 2020 CA. All rights reserved. R00869-D200-SP1 DESC (ANALYSIS ENDS WITH A SOC4 ABEND IN RMLMKLRG WITH REASON 11). ++VER (Z038) FMID (CINSK00) PRE (R097704 S004718 S007379 S010974 S011691 S011966 S012361 S012933) SUP (ST12994)

Service	Details
SO12999	SO12999 M.C.S. ENTRIES = ++PTF (SO12999) SMP/E DEBUGGING TOOL PROBLEM DESCRIPTION: The CAIDEBUG SMP/E debugging tool (documented in CDBAJCL member CAIDEBUG) has the following problems: - The FTPUSER and FTTPASS keywords are required when running FTP=NO - Size information collected for datasets discovered in the SMP/E CSI may be incorrect SYMPTOMS: The FTPUSER and FTTPASS keywords are required even if FTP=NO is specified. Some SB37 abends may be seen during calls to the underlying utilities, such as IEBCOPY and AMATERSE. IMPACT: The DBG file, used by Broadcom to diagnose SMP/E issues, is not corrected. CIRCUMVENTION: Specify the FTPUSER and FTTPAS keywords, possibly with dummy values, if FTP=NO is used. No circumvention for the space issue. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 1424 Copyright (C) 2020 CA. All rights reserved. R00870-D200-SP1 DESC(SMP/E DEBUGGING TOOL) . ++VER (Z038) FMID (CINSK00) PRE (SO08963) SUP (ST12967 ST12999)

Service	Details
SO13005	SO13005 M.C.S. ENTRIES = ++PTF (SO13005) 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 SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2484 Copyright (C) 2020 CA. All rights reserved. R00871-D200-SP1 DESC(Security or Integrity Problem). ++VER (Z038) FMID (CIDBK00) PRE (R099552 S001395 S004454 S008846 S011616) SUP (AC13004 ST03922 ST03947 ST13005) ++HOLD (SO13005) SYSTEM FMID(CIDBK00) REASON (RESTART) DATE (20150) COMMENT (<pre> +-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS +-----+-----+-----+ SEQUENCE After Apply +-----+-----+-----+ PURPOSE Ensure compatible maintenance levels +-----+-----+-----+ USERS SYSVIEW for z/OS - SYSVIEW for DB2 (Insight) integration AFFECTED users +-----+-----+-----+ KNOWLEDGE SYSVIEW for DB2 product administration REQUIRED +-----+-----+-----+ ACCESS Restart PC owner and VTAM UI address spaces REQUIRED +-----+-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop the Data Collector address spaces. 2. Stop the PC owner. 3. Stop the VTAM user interface 4. Update the runtime library. 5. Start the VTAM user interface task. 6. Start the PC owner. 7. Start the Data Collectors.).</pre>

Service	Details																																
S013009	M.C.S. ENTRIES = ++PTF (S013009) ALTER INDEX STATEMENTS SUPPORT FOR DDL REPORTING ENHANCEMENT DESCRIPTION: This enhancement for CA Log Analyzer for DB2 for z/OS (PLA) gives the DDL report the ability to report on the following statements: ALTER INDEX BUFFERPOOL ALTER INDEX CLOSE ALTER INDEX COPY ALTER INDEX PIECESIZE ALTER INDEX PRIQTY ALTER INDEX SECQTY ALTER INDEX ERASE ALTER INDEX USING ALTER INDEX FREEPAGE ALTER INDEX PCTFREE ALTER INDEX CLUSTER ALTER INDEX PADDED ALTER INDEX COMPRESS ALTER INDEX ADD (INCLUDE) COLUMN ALTER INDEX ALTER PARTITION PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Related Problem: PLA 1284 Copyright (C) 2020 CA. All rights reserved. R00872-D200-SP1 DESC(ALTER INDEX STATEMENTS SUPPORT FOR DDL REPORTING). ++VER (Z038) FMID (CPLAK00) PRE (R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S008802 S009083 S009133 S009252 S010677 S011113 S011419 S011669 S012487 S012797 S012889 S012900) SUP (ST13009) ++HOLD (S013009) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (20121) COMMENT (<table><tr><td colspan="2">+-----+</td></tr><tr><td> CA Log Analyzer for DB2 for z/OS</td><td> Version 20.0 </td></tr><tr><td colspan="2">+-----+</td></tr><tr><td> SEQUENCE After Apply</td><td> </td></tr><tr><td colspan="2">+-----+</td></tr><tr><td> PURPOSE Relink XMESSAGES</td><td> </td></tr><tr><td colspan="2">+-----+</td></tr><tr><td> USERS </td><td> </td></tr><tr><td> AFFECTED All CA DB2 Tools Users</td><td> </td></tr><tr><td colspan="2">+-----+</td></tr><tr><td> KNOWLEDGE </td><td> </td></tr><tr><td> REQUIRED CA DB2 Tools Post Install Customization.</td><td> </td></tr><tr><td colspan="2">+-----+</td></tr><tr><td> ACCESS 1. CA DB2 Tools Post Install</td><td> </td></tr><tr><td> REQUIRED 2. BIND Authority on DB2 subsystems</td><td> </td></tr><tr><td colspan="2">+-----+</td></tr></table>	+-----+		CA Log Analyzer for DB2 for z/OS	Version 20.0	+-----+		SEQUENCE After Apply		+-----+		PURPOSE Relink XMESSAGES		+-----+		USERS		AFFECTED All CA DB2 Tools Users		+-----+		KNOWLEDGE		REQUIRED CA DB2 Tools Post Install Customization.		+-----+		ACCESS 1. CA DB2 Tools Post Install		REQUIRED 2. BIND Authority on DB2 subsystems		+-----+	
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Service	Details
	***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).

Service	Details
SO13024	SO13024 M.C.S. ENTRIES = ++PTF (SO13024) PQC ENDS WITH CASTOUT ERROR FOR INDEXSPACE SHRLEVEL CHANGE PROBLEM DESCRIPTION: CA Quick Copy for DB2 for z/OS (PQC) has a problem with indexspaces which are in ICOPY status and have last SYSCOPY entry as ICTYPE 'B,M,P,W,X' after ICTYPE 'F,I,Q' which invalidates SHRLEVEL CHANGE RBA, and PQC attempts retry to get valid SHRLEVEL CHANGE RBA, and after retrying 5 times it ends with CASTOUT error saying that threshold limit exceeded. SYMPTOMS: PTIMSG: PQC0361E SHRLEVEL CHANGE RBA SELECTION RETRY THRESHOLD EXCEEDED PQC0192E INTERNAL RC 16 AT LOCATION 0125 PTIIMSG: PQC0355I UTILITY EXECUTION DETECTED ON DBXXXXXX.IXYYYYYY PART NNNN AT RBA XXXXXXXXXXXXXXXXXXXX HIGH RBA YYYYYYYYYYYYYYYYYY PQC0360I UTILITY DETECTED, WAITING 0010 MINUTES FOR DB2 CASTOUT IMPACT: SHRLEVEL CHANGE copy may fail for indexspace which are in ICOPY status. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PQC 875 Copyright (C) 2020 CA. All rights reserved. R00873-D200-SP1 DESC(PQC ENDS WITH CASTOUT ERROR FOR INDEXSPACE SHRLEVEL CHANGE). ++VER (Z038) FMID (CUGRK00) PRE (S000029 S000201 S001660 S003816 S006879 S009028 S009595 S011686 S011929 S012110) SUP (ST08908 ST13024)

Service	Details
SO13032	SO13032 M.C.S. ENTRIES = ++PTF (SO13032) WRONG FILTERING OF DYNAMIC WHERE CLAUSE WITH IDB2ACCT PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) thread history selection was not filtering records properly in case these two conditions were met: - the DYNAMIC WHERE clause on panel THstSel5 referenced IDB2ACCT fields; - the PACKAGE filter on panel THstSel1 was not empty. SYMPTOMS: The output list of thread history does not provide expected output IMPACT: Combining the PACKAGE filter with DYNAMIC WHERE is not possible. CIRCUMVENTION: Add the PACKAGE filtering directly to the DYNAMIC WHERE clause PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2486 Copyright (C) 2020 CA. All rights reserved. R00875-D200-SP1 DESC(WRONG FILTERING OF DYNAMIC WHERE CLAUSE WITH IDB2ACCT). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R099552 S004454 S006112 S006862 S010160 S011977 S012769) SUP (ST13032)

Service	Details
SO13044	SO13044 M.C.S. ENTRIES = ++PTF (SO13044) HDDL IN BATCH MODE DOES NOT WORK WITH ACM ON PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the HDDL command in batch mode ignores ACMID and generates incorrect ddl. SYMPTOMS: ACMID is not considered for HDDL in batch mode. IMPACT: HDDL in batch does not work with ACM on. CIRCUMVENTION: Use online mode to generate hddl output. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1613 Copyright (C) 2020 CA. All rights reserved. R00876-D200-SP1 DESC (HDDL IN BATCH MODE DOES NOT WORK WITH ACM ON). ++VER (Z038) FMID (CINSK00) PRE (R099553) SUP (ST13044)

Service	Details
SO13066	SO13066 M.C.S. ENTRIES = ++PTF (SO13066) INVALID SEGMENTED SPACE MAP HEADER FIELDS / SOC4 IN FLLMITS PROBLEM DESCRIPTION: 1. CA Fast Load for DB2 for z/OS (PFL) may incorrectly calculate header fields of the last possible segmented space map page in a table space page set when CURRENT_VERSION is not 0. The incorrect header fields can result in failures when the table is accessed. 2. CA Fast Load for DB2 for z/OS (PFL) may abnormally end with SOC4 code in FLLMITS module when the tablespace is partitioned and there are system pages. SYMPTOMS: 1. - The job finishes successfully. - S04E abend with reason code 00C90101 during SELECT. - SEGLENT is beyond the space map range (SEGSIZE * SEGNUM). - SEGFREE is higher than SEGNUM. - The following messages are printed by DSN1PRNT: *** SEGMENTED SPACE MAP - INVALID SEGNUM/SEGSIZE/SEGLENT VALUE *** *** PAGE IN ERROR - FORMATTED CONTENTS MAY BE INCONSISTENT OR TRUNCATED 2. - The job abends with SOC4 code. - A symptom dump of the following kind is printed to JESMSGLG DD: IEA995I SYMPTOM DUMP OUTPUT 382 SYSTEM COMPLETION CODE=0C4 REASON CODE=00000004 TIME=15.00.56 SEQ=09203 CPU=0000 ASID=00D8 PSW AT TIME OF ERROR 078C2000 AC34FBC4 ILC 6 INTC 04 ACTIVE MODULE ADDRESS=00000000_2C34E000 OFFSET=00001BC4 NAME=FLLMITS DATA AT PSW 2C34FBBE - D6011002 1002A784 00268960 GR 0: 00000A00 1: 2BF7F010 2: 00000001 3: 2C46E000 4: 2C46E02A 5: 00000000 6: 00000080 7: 2C48E000 8: 2BF8AAD8 9: 2C1A8FF0 A: 2BE21748 B: 2C34E000 C: 2C34FAF8 D: 2BE40998 E: AC34F8FA F: 00000000 END OF SYMPTOM DUMP IMPACT: 1. The table is not accessible. 2. The processing fails. CIRCUMVENTION: 1. None. 2. None. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 19.0 CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1294 Copyright (C) 2020 CA. All rights reserved. R00877-D200-SP1 DESC(INVALID SEGMENTED SPACE MAP HEADER FIELDS / SOC4 IN FLLMITS). ++VER (Z038) FMID (CPFLK00) PRE (R096581 R097708 S000018 S000704 S001401 S004459

Service	Details
	S005012 S006117 S006866 S008407 S009024 S009977 S011601 S011846 S011996 S012150) SUP (AS09180 S000081 S009180 S009378 S011325 ST00081 ST05071 ST09180 ST09378 ST11325 ST13066)

Service	Details
SO13071	SO13071 M.C.S. ENTRIES = ++PTF (SO13071) HUFFMAN COMPRESSION DETECTION SUPPORT IN RC/MERGER ANALYSIS ENHANCEMENT DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the RC/Merger (RMM) will issue a warning message during analysis when source db2 subsystem supports Huffman compression and terminates DATASET call execution if source object is using Huffman compressed and target subsystem is lower than DB2 code level DB2V12M504. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RMM 254 Copyright (C) 2020 CA. All rights reserved. R00878-D200-SP1 DESC(HUFFMAN COMPRESSION DETECTION SUPPORT IN RC/MERGER ANALYSIS). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S001396 S004455 S004718 S004855 S005011 S005199 S006113 S006638 S006863 S007323 S007379 S007807 S007955 S008128 S008278 S008957 S009105 S009356 S009417 S009860 S010292 S011691 S011866 S011966 S012361 S012751 S012817 S012933) SUP (ST13071) ++HOLD (SO13071) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (20127) 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
SO13074	SO13074 M.C.S. ENTRIES = ++PTF (SO13074) 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 Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1692 Copyright (C) 2020 CA. All rights reserved. R00879-D200-SP1 DESC(Security or Integrity Problem). ++VER (Z038) FMID (CPDTK00) PRE (R098429 S006334 S008129 S010908 S011694 S011983) SUP (CC97644 S012821 ST12821 ST12823 ST13074)

Service	Details
SO13075	SO13075 M.C.S. ENTRIES = ++PTF (SO13075) BPACALL FAILS WITH SOC1 PROBLEM DESCRIPTION: In the Batch Processor component (RBP) of the CA Database Management solutions for DB2 for z/OS, execution fails with SOC1 when any user abend is encountered. SYMPTOMS: The module BPACALL fails with SOC1. IMPACT: Execution fails with SOC1. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: RBP 361 Copyright (C) 2020 CA. All rights reserved. R00880-D200-SP1 DESC(BPACALL FAILS WITH SOC1). ++VER (Z038) FMID (CINSK00) PRE (R099553 S006638 SO11078) SUP (ST13075)

Service	Details				
SO13080	SO13080 M.C.S. ENTRIES = ++PTF (SO13080) RC4 ISSUED WITH .FREE COMMAND WHEN DUPLICATE DATASET EXIST PROBLEM DESCRIPTION: In the Batch Processor component (RBP) of the CA Database Management Solutions for DB2 for z/OS, the .FREE command issues a return code 4 for tape dataset when duplicate names exist. This can cause the wrong dataset to be used later in the script. SYMPTOMS: Execution continues with the following messages. BPA0044W: UNABLE TO DEALLOCATE DDNAME: <DDNAME> - RETURN CODE 0009710. IKJ56893I FILE <DDNAME> NOT UNALLOCATED+ IGD17101I DATA SET <DSNAME> NOT DEFINED BECAUSE DUPLICATE NAME EXISTS IN CATALOG RETURN CODE IS 8 REASON CODE IS 38 IGGOCLEH RETCODE = 4 IMPACT: The wrong (cataloged) dataset may be used later in the script. CIRCUMVENTION: Ensure that duplicate dataset names are not generated. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Base Install</td><td>Version 19.0</td></tr> <tr> <td>CA DBM Solutions for DB2 for z/OS Base Install</td><td>Version 20.0</td></tr> </table> Related Problem: RBP 362 Copyright (C) 2020 CA. All rights reserved. R00881-D200-SP1 DESC(RC4 ISSUED WITH .FREE COMMAND WHEN DUPLICATE DATASET EXIST). ++VER (Z038) FMID (CINSK00) SUP (ST13080)	CA DBM Solutions for DB2 for z/OS Base Install	Version 19.0	CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0
CA DBM Solutions for DB2 for z/OS Base Install	Version 19.0				
CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0				

Service	Details
SO13083	SO13083 M.C.S. ENTRIES = ++PTF (SO13083) SAVED REPORT FORMAT DOES NOT WORK FOR NUMERIC FIELDS PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), a saved report layout displays data incorrectly for right justified scrollable column data. SYMPTOMS: Saved report format is not correctly applied for the right justified fields and that results in improper display. IMPACT: Improper data displayed for right justified fields. CIRCUMVENTION: User must scroll to see the data. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1614 Copyright (C) 2020 CA. All rights reserved. R00882-D200-SP1 DESC(SAVED REPORT FORMAT DOES NOT WORK FOR NUMERIC FIELDS). ++VER (Z038) FMID (CRCQK00) PRE (R096593 R099569 S001414 S004471 S006128 S006875 S007822 S008608 S010163 S010468 S011197) SUP (ST13083)

Service	Details
SO13091	SO13091 M.C.S. ENTRIES = ++PTF (SO13091) PXMRMAIN UTILITY FAILS WITH RC=4 IN R20 PROBLEM DESCRIPTION: The CA Detector for DB2 for z/OS (PDT) utility PXMRMAIN fails with RC=4. This utility is used to copy, terse, and FTP data stores. SYMPTOMS: When this utility is used, the following error is encountered: Source library 'HLQ.CDBASKLO(PXMRDST)' not found. Utility can not continue RC=4 IMPACT: The PXMRMAIN utility does not execute successfully. CIRCUMVENTION: Our support can provide alternate JCL to copy, terse, and FTP data stores. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1693 Copyright (C) 2020 CA. All rights reserved. R00883-D200-SP1 DESC(PXMRMAIN UTILITY FAILS WITH RC=4 IN R20). ++VER (Z038) FMID (CPDTK00) SUP (ST13091)

Service	Details
SO13096	SO13096 M.C.S. ENTRIES = ++PTF (SO13096) CA UTILITY SORT ENHANCEMENTS ENHANCEMENT DESCRIPTION: This PTF is an infrastructure prerequisite for CA Fast Load for DB2 for z/OS (PFL) future enhancement. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PUT 813 Copyright (C) 2020 CA. All rights reserved. R00885-D200-SP1 DESC(CA UTILITY SORT ENHANCEMENTS). ++VER (Z038) FMID (CINSK00) PRE (S006608 S007169 S008377 S009976) SUP (ST13096) ++IF FMID(CPFLK00) REQ(SO13097) . ++IF FMID(CPUTK00) REQ(SO13098) .

Service	Details																		
S013097	S013097 M.C.S. ENTRIES = ++PTF (S013097) CA UTILITY SORT ENHANCEMENTS ENHANCEMENT DESCRIPTION: This PTF is an infrastructure prerequisite for CA Fast Load for DB2 for z/OS (PFL) future enhancement. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PUT 813 Copyright (C) 2020 CA. All rights reserved. R00885-D200-SP1 DESC(CA UTILITY SORT ENHANCEMENTS). ++VER (Z038) FMID (CPFLK00) PRE (R096581 R097708 S000018 S000704 S001401 S001656 S004275 S004459 S004857 S005502 S006117 S007170 S007811 S008071 S008378 S008428 S008584 S009024 S009977 S010195 S010752 S011235 S011431 S011520 S011601 S011846 S011946 S011996 S012128 S012150 S012275 S012526 S012984) SUP (ST13097) ++IF FMID(CPUTK00) REQ(S013098) . ++IF FMID(CINSK00) REQ(S013096) . ++HOLD (S013097) SYSTEM FMID(CPFLK00) REASON (MSGSKEL) DATE (20132) COMMENT (<table border="1"> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Relink XMESSAGES</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All CA DB2 Tools Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>CA DB2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND Authority on DB2 subsystems</td></tr> </table> ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).	CA Fast Load for DB2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Relink XMESSAGES	USERS		AFFECTED	All CA DB2 Tools Users	KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization.	ACCESS	1. CA DB2 Tools Post Install	REQUIRED	2. BIND Authority on DB2 subsystems
CA Fast Load for DB2 for z/OS	Version 20.0																		
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REQUIRED	CA DB2 Tools Post Install Customization.																		
ACCESS	1. CA DB2 Tools Post Install																		
REQUIRED	2. BIND Authority on DB2 subsystems																		

Service	Details
SO13098	SO13098 M.C.S. ENTRIES = ++PTF (SO13098) CA UTILITY SORT ENHANCEMENTS ENHANCEMENT DESCRIPTION: This PTF is an infrastructure prerequisite for CA Fast Load for DB2 for z/OS (PFL) future enhancement. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PUT 813 Copyright (C) 2020 CA. All rights reserved. R00885-D200-SP1 DESC(CA UTILITY SORT ENHANCEMENTS). ++VER (Z038) FMID (CPUTK00) PRE (R096590 S001659 S006068 S006127 S006874 S008072 S008380 S008429 S008586 S009978 S010196 S011521 S012278 S012529) SUP (ST08364 ST13098) ++IF FMID(CPFLK00) REQ(SO13097) . ++IF FMID(CINSK00) REQ(SO13096) .

Service	Details
SO13111	SO13111 M.C.S. ENTRIES = ++PTF (SO13111) EXTENDING SECONDARY IDS FROM 255 TO MAX OF 1012 PROBLEM DESCRIPTION: CA RC/Update for DB2 for z/OS (RCU) fails with -553 SQL error when using an SQLID with more than 255 secondary IDs. SYMPTOMS: CA RC/Update fails with following error when using an SQLID and the user has more than 255 secondary IDs. DSNT408I SQLCODE = -553, ERROR: <SQLID> SPECIFIED IS NOT ONE OF THE VALID AUTHORIZATION IDS FOR REQUESTED OPERATION DSNT418I SQLSTATE = 42503 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXRSPG SQL PROCEDURE DETECTING ERROR IMPACT: User cannot access CA RC/Update. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCU 1096 Copyright (C) 2020 CA. All rights reserved. R00887-D200-SP1 DESC(EXTENDING SECONDARY IDS FROM 255 TO MAX OF 1012). ++VER (Z038) FMID (CINSK00) SUP (ST13111) ++IF FMID(CRCUK00) REQ(SO13112) .

Service	Details
S013112	S013112 M.C.S. ENTRIES = ++PTF (S013112) EXTENDING SECONDARY IDS FROM 255 TO MAX OF 1012 PROBLEM DESCRIPTION: CA RC/Update for DB2 for z/OS (RCU) fails with -553 SQL error when using an SQLID with more than 255 secondary IDs. SYMPTOMS: CA RC/Update fails with following error when using an SQLID and the user has more than 255 secondary IDs. DSNT408I SQLCODE = -553, ERROR: <SQLID> SPECIFIED IS NOT ONE OF THE VALID AUTHORIZATION IDS FOR REQUESTED OPERATION DSNT418I SQLSTATE = 42503 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXRSPG SQL PROCEDURE DETECTING ERROR IMPACT: User cannot access CA RC/Update. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCU 1096 Copyright (C) 2020 CA. All rights reserved. R00887-D200-SP1 DESC(EXTENDING SECONDARY IDS FROM 255 TO MAX OF 1012). ++VER (Z038) FMID (CRCUK00) PRE (R099571 S001415 S004472 S006877 S011867 S011970) SUP (ST13112) ++IF FMID(CINSK00) REQ(S013111) .

Service	Details
SO13130	SO13130 M.C.S. ENTRIES = ++PTF (SO13130) ADJUST START_RBA SELECTION TO USE CORRECT VALUE FOR OBIDXLAT PROBLEM DESCRIPTION: CA Fast Recover for Db2 for z/OS (PFR) may use PGLOGRBA as candidate RBA for log apply during OBIDXLAT recovery but there is no guarantee that change in the header page automatically flushing data to disk. SYMPTOMS: ABEND U333,U334 or U335 might occur due to wrong RBA determination. IMPACT: Determined RBA for log apply during OBIDXLAT is not correct. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 1067 Copyright (C) 2020 CA. All rights reserved. R00890-D200-SP1 DESC(ADJUST START_RBA SELECTION TO USE CORRECT VALUE FOR OBIDXLAT). ++VER (Z038) FMID (CUGRK00) PRE (R096595 R099574 S000029 S000788 S001660 S001855 S004251 S004475 S006132 S006879 S007826 S007905 S008280 S008833 S009742 S009748 S009903 S010165 S010818 S012155 S012352) SUP (ST13031 ST13130) ++HOLD (SO13130) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (20132) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. </pre>

Service	Details
	Refer to the Post Installation and Customization Guide for details.).

Service	Details
SO13149	SO13149 M.C.S. ENTRIES = ++PTF (SO13149) RC/MERGER EXECUTION FAILS WITH -198 PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), execution of the RC/Merger (RMM) move analysis fails with SQL error -198 when the source has table with SET APPLCOMPAT statements. SYMPTOMS: When above table is being executed and when its OBID is unavailable, the following SQL error occurs: DSNT408I SQLCODE = -198, ERROR: THE OPERAND OF THE PREPARE OR EXECUTE IMMEDIATE STATEMENT IS BLANK OR EMPTY IMPACT: RMM analysis cannot be executed successfully. CIRCUMVENTION: Manually edit the analysis and change the OBID that is available at target. Product(S) Affected: CA RC/Migrator for DB2 for z/OS Version 20.0 PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RMM 256 Copyright (C) 2020 CA. All rights reserved. R00892-D200-SP1 DESC(RC/MERGER EXECUTION FAILS WITH -198). ++VER (Z038) FMID (CINSK00) PRE (S004718 S004855 S006113 S006286 S006638 S006863 S007379 S007807 S007955 S008278 S009105 S011866 S011966 S012147 S012361 S012933) SUP (ST13149)

Service	Details										
S013150	S013150 M.C.S. ENTRIES = ++PTF (S013150) INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506 ENHANCEMENT DESCRIPTION: CA Database Management Solutions for DB2 for z/OS Utilities Common (PUT) has been modified to support Db2 12 function level V12R1M506. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Index for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 815 Copyright (C) 2020 CA. All rights reserved. R00893-D200-SP1 DESC(INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506). ++VER (Z038) FMID (CPFLK00) PRE (S000018 S001656 S006117 S008071 S009024 S011107 S011996 S012107 S012150 S012275 S012526) SUP (ST11056 ST13122 ST13150) ++IF FMID(CPFUK00) REQ(S013151) . ++IF FMID(CPRRK00) REQ(S013152) . ++IF FMID(CPUTK00) REQ(S013153) .	CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0	CA Fast Unload for DB2 for z/OS	Version 20.0	CA Fast Load for DB2 for z/OS	Version 20.0	CA Fast Index for DB2 for z/OS	Version 20.0	CA Rapid Reorg for DB2 for z/OS	Version 20.0
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Service	Details										
S013151	S013151 M.C.S. ENTRIES = ++PTF (S013151) INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506 ENHANCEMENT DESCRIPTION: CA Database Management Solutions for DB2 for z/OS Utilities Common (PUT) has been modified to support Db2 12 function level V12R1M506. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Index for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 815 Copyright (C) 2020 CA. All rights reserved. R00893-D200-SP1 DESC(INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506). ++VER (Z038) FMID (CPFUK00) PRE (R099558 S000019 S001402 S001818 S004460 S006118 S006867 S007812 S008860 S011108 S011997 S012151) SUP (ST13123 ST13151) ++IF FMID(CPRRK00) REQ(S013152) . ++IF FMID(CPUTK00) REQ(S013153) . ++IF FMID(CPFLK00) REQ(S013150) .	CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0	CA Fast Unload for DB2 for z/OS	Version 20.0	CA Fast Load for DB2 for z/OS	Version 20.0	CA Fast Index for DB2 for z/OS	Version 20.0	CA Rapid Reorg for DB2 for z/OS	Version 20.0
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CA Rapid Reorg for DB2 for z/OS	Version 20.0										

Service	Details																																										
S013152	S013152 M.C.S. ENTRIES = ++PTF (S013152) INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506 ENHANCEMENT DESCRIPTION: CA Database Management Solutions for DB2 for z/OS Utilities Common (PUT) has been modified to support Db2 12 function level V12R1M506. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Index for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 815 Copyright (C) 2020 CA. All rights reserved. R00893-D200-SP1 DESC(INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506). ++VER (Z038) FMID (CPRRK00) PRE (R096588 R097715 R098968 S000023 S000846 S001658 S006125 S006582 S006609 S007818 S009026 S009089 S009599 S009905 S011080 S011109 S011200 S011237 S011998 S012109 S012152 S012277 S012528 S012716) SUP (ST11058 ST13124 ST13152) ++IF FMID(CPFUK00) REQ(S013151) . ++IF FMID(CPUTK00) REQ(S013153) . ++IF FMID(CPFLK00) REQ(S013150) . ++HOLD (S013152) SYSTEM FMID(CPRRK00) REASON (MSGSKEL) DATE (20133) COMMENT (<table> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> CA Rapid Reorg for DB2 for z/OS</td> <td>Version 20.0 </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> SEQUENCE</td> <td> After Apply </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> PURPOSE</td> <td> Relink XMESSAGES </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> USERS</td> <td> </td> </tr> <tr> <td> AFFECTED</td> <td> All CA DB2 Tools Users </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> KNOWLEDGE</td> <td> </td> </tr> <tr> <td> REQUIRED</td> <td> CA DB2 Tools Post Install Customization. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> ACCESS</td> <td> 1. CA DB2 Tools Post Install </td> </tr> <tr> <td> REQUIRED</td> <td> 2. BIND Authority on DB2 subsystems </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> </table> ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules.	CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0	CA Fast Unload for DB2 for z/OS	Version 20.0	CA Fast Load for DB2 for z/OS	Version 20.0	CA Fast Index for DB2 for z/OS	Version 20.0	CA Rapid Reorg for DB2 for z/OS	Version 20.0	+-----+		CA Rapid Reorg for DB2 for z/OS	Version 20.0	+-----+		SEQUENCE	After Apply	+-----+		PURPOSE	Relink XMESSAGES	+-----+		USERS		AFFECTED	All CA DB2 Tools Users	+-----+		KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization.	+-----+		ACCESS	1. CA DB2 Tools Post Install	REQUIRED	2. BIND Authority on DB2 subsystems	+-----+	
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Service	Details
	Refer to the Post Installation and Customization Guide for details.).

Service	Details										
SO13153	SO13153 M.C.S. ENTRIES = ++PTF (SO13153) INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506 ENHANCEMENT DESCRIPTION: CA Database Management Solutions for DB2 for z/OS Utilities Common (PUT) has been modified to support Db2 12 function level V12R1M506. PRODUCT(S) AFFECTED: <table border="0"> <tr> <td>CA DBM Solutions for DB2 for z/OS Utilities Common</td> <td>Version 20.0</td> </tr> <tr> <td>CA Fast Unload for DB2 for z/OS</td> <td>Version 20.0</td> </tr> <tr> <td>CA Fast Load for DB2 for z/OS</td> <td>Version 20.0</td> </tr> <tr> <td>CA Fast Index for DB2 for z/OS</td> <td>Version 20.0</td> </tr> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td> <td>Version 20.0</td> </tr> </table> Related Problem: PUT 815 Copyright (C) 2020 CA. All rights reserved. R00893-D200-SP1 DESC(INCREASE SUPPORTED DB2 12 FUNCTION LEVEL TO V12R1M506). ++VER (Z038) FMID (CPUTK00) PRE (R096590 R098969 S000024 S001659 S005016 S006127 S007172 S007894 S009253 S011110 S011238 S011604 S011848 S011849 S011999 S012153 S012278 S012529 S012717) SUP (ST13125 ST13153) ++IF FMID(CPFUK00) REQ(S013151) . ++IF FMID(CPRRK00) REQ(S013152) . ++IF FMID(CPFLK00) REQ(S013150) . ++HOLD (S013153) SYSTEM FMID(CPUTK00) REASON (MSGSKEL) DATE (20133) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Utilities Common Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install 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. </pre>	CA DBM Solutions for DB2 for z/OS Utilities Common	Version 20.0	CA Fast Unload for DB2 for z/OS	Version 20.0	CA Fast Load for DB2 for z/OS	Version 20.0	CA Fast Index for DB2 for z/OS	Version 20.0	CA Rapid Reorg for DB2 for z/OS	Version 20.0
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CA Rapid Reorg for DB2 for z/OS	Version 20.0										

Service	Details
	Refer to the Post Installation and Customization Guide for details.).

Service	Details
SO13154	SO13154 M.C.S. ENTRIES = ++PTF (SO13154) DROP DDL MISSING IN .CALL SNAPSHOT FOR NEWLY CREATED OBJECTS PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), you may experience the following problems if you use recovery analysis option: Problem 1: For newly created objects, the DROP <object type> will not be added as input to .CALL SNAPSHOT when generating recovery script. Problem 2: When altering a tablespace of a table with an associated history table, the expected recovery DDL is an alter on the tablespace, but a create table DDL also is generated incorrectly which will fail when executed because the existing table is not dropped. However, If the base table supports TCP, the recovery DDL incorrectly generates an alter and a create of its tablespace. SYMPTOMS: For problem 1, the newly created object will still exist. For problem 2, The execution of the recovery DDL will fail. IMPACT: Cusotmer will not be able to recover objects to its original status. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 3061 Copyright (C) 2020 CA. All rights reserved. R00894-D200-SP1 DESC(DROP DDL MISSING IN .CALL SNAPSHOT FOR NEWLY CREATED OBJECTS). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S001396 S004455 S004718 S006113 S006638 S006863 S007379 S008606 S009105 S010974 S011691 S011966 S012361 S012933) SUP (S009790 S010815 S011988 ST09790 ST10815 ST11988 ST13154)

Service	Details
S013175	S013175 M.C.S. ENTRIES = ++PTF (S013175) SQLCODE -904 WITH REASON CODE 00D70011 AFTER LOAD PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) may incorrectly calculate header fields of the last possible segmented space map page in the page set. The incorrect header fields can result in failures when the table is updated. This occurs when PTF S013066 (for Version 20.0) or S012887 (for Version 19.0) is applied. SYMPTOMS: Subsequent UPDATE fails with SQL code -904 and reason code 00D70011 with the following messages: DSNT408I SQLCODE = -904, ERROR: UNSUCCESSFUL EXECUTION CAUSED BY AN UNAVAILABLE RESOURCE. REASON 00D70011, TYPE OF RESOURCE 00000220, AND RESOURCE NAME <DATA SET NAME> DSNT418I SQLSTATE = 57011 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXRUP2 SQL PROCEDURE DETECTING ERROR DSNT416I SQLERRD = -150 13172746 0 1126627320 0 14090257 SQL DIAGNOSTIC INFORMATION DSNT416I SQLERRD = X'FFFFFF6A' X'00C9000A' X'00000000' X'4326F7F8' X'00000000' X'00D70011' SQL DIAGNOSTIC INFORMATION IMPACT: The table cannot be updated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 19.0 CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1296 Copyright (C) 2020 CA. All rights reserved. R00896-D200-SP1 DESC(SQLCODE -904 WITH REASON CODE 00D70011 AFTER LOAD) . ++VER (Z038) FMID (CPFLK00) PRE (R096581 R097708 S000018 S000704 S004459 S005012 S006117 S006866 S008407 S009977 S011601 S011846 S011996 S012150 S013066) SUP (AS09180 AS13066 S000081 S009180 S009378 S011325 ST00081 ST05071 ST09180 ST09378 ST11325 ST13175)

Service	Details																		
SO13176	SO13176 M.C.S. ENTRIES = ++PTF (SO13176) PRR CRITICAL INDEX-ONLY LOG APPLY IMPROVEMENTS ENHANCEMENT DESCRIPTION: This PTF provides reliability improvements to the Log Apply process of critical index-only reorganizations. The PTF improves error handling and reporting for the Log Apply phases including initialization, apply iterations, and post apply logic. PRR keywords in effect: REORG INDEX index-name DATA-AVAILABLE CRITICAL PRODUCT(S) AFFECTED: CA Rapid Reorg for DB2 for z/OS Version 20.0 Related Problem: POR 579 Copyright (C) 2020 CA. All rights reserved. R00897-D200-SP1 DESC(PRR CRITICAL INDEX-ONLY LOG APPLY IMPROVEMENTS). ++VER (Z038) FMID (CPRRK00) PRE (R096588 R097715 R098968 S000023 S000786 S000846 S001409 S001658 S004247 S004467 S004797 S006609 S009026 S009089 S009599 S009905 S011080 S011237 S011998 S012152 S012277 S012528 S013152) SUP (ST13104 ST13176) ++HOLD (SO13176) SYSTEM FMID(CPRRK00) REASON (MSGSKEL) DATE (20136) COMMENT (<table border="1"> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Relink XMESSAGES</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All CA DB2 Tools Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>CA DB2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND Authority on DB2 subsystems</td></tr> </table> ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).	CA Rapid Reorg for DB2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Relink XMESSAGES	USERS		AFFECTED	All CA DB2 Tools Users	KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization.	ACCESS	1. CA DB2 Tools Post Install	REQUIRED	2. BIND Authority on DB2 subsystems
CA Rapid Reorg for DB2 for z/OS	Version 20.0																		
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ACCESS	1. CA DB2 Tools Post Install																		
REQUIRED	2. BIND Authority on DB2 subsystems																		

Service	Details
SO13193	SO13193 M.C.S. ENTRIES = ++PTF (SO13193) RESTRICT CALL TO PTI.RMRTPE ONLY FOR TABLE WITH IDENTITY COL PROBLEM DESCRIPTION: In CA RC/Migrator for Db2 for z/OS, the .CALL PROCEDURE PTI.RMRTPE is generated for tables without identity columns. The execution of the .CALL PROCEDURE to get the maxassignedval of the identity column will fail and the DDL which follows this .CALL will not be executed. SYMPTOMS: The analysis generates the following for tables without identity column: .CALL PROCEDURE PTI.RMRTPE .DATA GETIDCOLS <TBCreator> <TBName>ENDDATA When the about .call is executed, will fail with the following message: BPA0077E: 4 = RC from RMRTPE "GETIDCOLS". The MAXASSIGNED value is NULL or not available for identity column in table <TBCreator>.<TBName>. The RESTART WITH value will not be set for that column. IMPACT: DDL which follows .CALL PROCEDURE GETIDCOLS will not be executed. CIRCUMVENTION: If the .CALL PROCEDURE GETIDCOLS and PUTIDCOLS are generated for tables without identity columns, then edit the script and remove them from the script before execution. PRODUCT(S) AFFECTED: CA Database Management Solution for DB2 for zOS Base Install Version 19.0 CA Database Management Solution for DB2 for zOS Base Install Version 20.0 Related Problem: RCM 3058 Copyright (C) 2020 CA. All rights reserved. R00898-D200-SP1 DESC(RESTRICT CALL TO PTI.RMRTPE ONLY FOR TABLE WITH IDENTITY COL). ++VER (Z038) FMID (CINSK00) PRE (R097704 R099553 S001396 S004455 S004718 S006113 S007379 S008957 S009105 S011691 S011966 S012361 S012933) SUP (ST13193)

Service	Details
S013203	S013203 M.C.S. ENTRIES = ++PTF (S013203) The following items are included in this solution: 1. CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME 2. TERMINATE PREVIEW SIMULATE WITH UNSUPPORTED OBJECTS ===== CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME PROBLEM DESCRIPTION: When running CA Fast Recover for DB2 for z/OS with preview simulate, the shadow Db2 VSAM datasets are created with the lowest level qualifier as follows: D11Z.DSNDBC.DBNAME.TSNAME.I0001.J001 This causes an undesirable behaviour in some utilities as they are using the following wildcarding and the shadow datasets are included in the processing, even though they shouldn't be. D11Z.DSNDBC.DBNAME.TSNAME.I0001.* SOLUTION: When creating shadow Db2 VSAM datasets, instead of changing the lowest level qualifier change the first letter of the second low level qualifier to 'Y'. This way, the shadow datasets will be out of the way. D11Z.DSNDBC.DBNAME.TSNAME.Y0001.A001 SYMPTOMS: After PREVIEW SIMULATE step Db2 VSAM shadow datasets are created as follows: D11Z.DSNDBC.DBNAME.TSNAME.I0001.J001 IMPACT: Some utilities includes shadow datasets in processing causing an undesirable behaviour. CIRCUMVENTION: Delete Db2 VSAM shadow datasets after PREVIEW SIMULATE step. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1052 ===== TERMINATE PREVIEW SIMULATE WITH UNSUPPORTED OBJECTS PROBLEM DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) PREVIEW SIMULATE for unsupported objects or PREVIEW SIMULATE with other unsupported objects in the same execution ends in SOC6 ABEND. PREVIEW SIMULATE with QUICKCOPY option registers incorrect type of copy in SYSIBM.SYSCOPY. SOLUTION: Gracefully terminate processing with RC=8 and issue error message PFR0752E when PREVIEW SIMULATE is invoked for an unsupported object or PREVIEW SIMULATE is invoked with other unsupported objects in the same step. PFR0752E - PREVIEW SIMULATE INVOKED FOR ONE OR MORE UNSUPPORTED OBJECTS. PROCESSING TERMINATES. REVIEW THE DOCUMENTATION FOR A LIST OF UNSUPPORTED OBJECTS. WE RECOMMEND PLACING PREVIEW SIMULATE STATEMENTS IN SEPARATE EXECUTIONS. SYMPTOMS: PREVIEW SIMULATE for any unsupported object ends with SOC6 ABEND QUICKCOPY with PREVIEW SIMULATE registers sharelevel reference copy in SYSIBM.SYSCOPY.

Service	Details
	IMPACT: Inconsistent unexplained ABEND when invoking PREVIEW SIMULATE with unsupported objects. CIRCUMVENTION: Execute PREVIEW SIMULATE of supported objects separately Avoid using QUICKCOPY keyword with PREVIEW SIMULATE. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1061 Copyright (C) 2020 CA. All rights reserved. R00900-D200-SP1 DESC(CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME). ++VER (Z038) FMID (CPFLK00) PRE (R096581 R097708 R099557 S000018 S000704 S001401 S001656 S003861 S004275 S004459 S004857 S005012 S005502 S006117 S006866 S007170 S007811 S008071 S008378 S008407 S008428 S009024 S009900 S009977 S010195 S010752 S011235 S011325 S011431 S011601 S011846 S011946 S011996 S012128 S012150 S012275 S012526 S013066 S013097 S013175) SUP (AS09180 S000081 S009180 S009378 ST00081 ST05071 ST09180 ST09378 ST11912 ST13132 ST13158 ST13203 TR99436) ++IF FMID(CPRRK00) REQ(S013204) . ++IF FMID(CPUTK00) REQ(S013205) . ++IF FMID(CUGRK00) REQ(S013206) .

Service	Details
S013204	S013204 M.C.S. ENTRIES = ++PTF (S013204) The following items are included in this solution: 1. CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME 2. TERMINATE PREVIEW SIMULATE WITH UNSUPPORTED OBJECTS ===== CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME PROBLEM DESCRIPTION: When running CA Fast Recover for DB2 for z/OS with preview simulate, the shadow Db2 VSAM datasets are created with the lowest level qualifier as follows: D11Z.DSNDBC.DBNAME.TSNAME.I0001.J001 This causes an undesirable behaviour in some utilities as they are using the following wildcarding and the shadow datasets are included in the processing, even though they shouldn't be. D11Z.DSNDBC.DBNAME.TSNAME.I0001.* SOLUTION: When creating shadow Db2 VSAM datasets, instead of changing the lowest level qualifier change the first letter of the second low level qualifier to 'Y'. This way, the shadow datasets will be out of the way. D11Z.DSNDBC.DBNAME.TSNAME.Y0001.A001 SYMPTOMS: After PREVIEW SIMULATE step Db2 VSAM shadow datasets are created as follows: D11Z.DSNDBC.DBNAME.TSNAME.I0001.J001 IMPACT: Some utilities includes shadow datasets in processing causing an undesirable behaviour. CIRCUMVENTION: Delete Db2 VSAM shadow datasets after PREVIEW SIMULATE step. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1052 ===== TERMINATE PREVIEW SIMULATE WITH UNSUPPORTED OBJECTS PROBLEM DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) PREVIEW SIMULATE for unsupported objects or PREVIEW SIMULATE with other unsupported objects in the same execution ends in SOC6 ABEND. PREVIEW SIMULATE with QUICKCOPY option registers incorrect type of copy in SYSIBM.SYSCOPY. SOLUTION: Gracefully terminate processing with RC=8 and issue error message PFR0752E when PREVIEW SIMULATE is invoked for an unsupported object or PREVIEW SIMULATE is invoked with other unsupported objects in the same step. PFR0752E - PREVIEW SIMULATE INVOKED FOR ONE OR MORE UNSUPPORTED OBJECTS. PROCESSING TERMINATES. REVIEW THE DOCUMENTATION FOR A LIST OF UNSUPPORTED OBJECTS. WE RECOMMEND PLACING PREVIEW SIMULATE STATEMENTS IN SEPARATE EXECUTIONS. SYMPTOMS: PREVIEW SIMULATE for any unsupported object ends with SOC6 ABEND QUICKCOPY with PREVIEW SIMULATE registers sharelevel reference copy in SYSIBM.SYSCOPY.

Service	Details
	IMPACT: Inconsistent unexplained ABEND when invoking PREVIEW SIMULATE with unsupported objects. CIRCUMVENTION: Execute PREVIEW SIMULATE of supported objects separately Avoid using QUICKCOPY keyword with PREVIEW SIMULATE. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1061 Copyright (C) 2020 CA. All rights reserved. R00900-D200-SP1 DESC(CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME). ++VER (Z038) FMID (CPRRK00) PRE (R096588 R097715 R098968 S000023 S000786 S000846 S001409 S001658 S005015 S006125 S006609 S007818 S007893 S008379 S009026 S009089 S009599 S009901 S009905 S009954 S010007 S010505 S011039 S011080 S011109 S011222 S011237 S011432 S011603 S011998 S012109 S012152 S012277 S012528 S012716 S013152) SUP (AC06581 AR98968 S006582 S010679 S011200 ST06577 ST06582 ST10679 ST11058 ST11177 ST11179 ST11200 ST11913 ST13133 ST13159 ST13204) ++IF FMID(CPUTK00) REQ(S013205) . ++IF FMID(CUGRK00) REQ(S013206) . ++IF FMID(CPFLK00) REQ(S013203) .

Service	Details
S013205	S013205 M.C.S. ENTRIES = ++PTF (S013205) The following items are included in this solution: 1. CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME 2. TERMINATE PREVIEW SIMULATE WITH UNSUPPORTED OBJECTS ===== CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME PROBLEM DESCRIPTION: When running CA Fast Recover for DB2 for z/OS with preview simulate, the shadow Db2 VSAM datasets are created with the lowest level qualifier as follows: D11Z.DSNDBC.DBNAME.TSNAME.I0001.J001 This causes an undesirable behaviour in some utilities as they are using the following wildcarding and the shadow datasets are included in the processing, even though they shouldn't be. D11Z.DSNDBC.DBNAME.TSNAME.I0001.* SOLUTION: When creating shadow Db2 VSAM datasets, instead of changing the lowest level qualifier change the first letter of the second low level qualifier to 'Y'. This way, the shadow datasets will be out of the way. D11Z.DSNDBC.DBNAME.TSNAME.Y0001.A001 SYMPTOMS: After PREVIEW SIMULATE step Db2 VSAM shadow datasets are created as follows: D11Z.DSNDBC.DBNAME.TSNAME.I0001.J001 IMPACT: Some utilities includes shadow datasets in processing causing an undesirable behaviour. CIRCUMVENTION: Delete Db2 VSAM shadow datasets after PREVIEW SIMULATE step. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1052 ===== TERMINATE PREVIEW SIMULATE WITH UNSUPPORTED OBJECTS PROBLEM DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) PREVIEW SIMULATE for unsupported objects or PREVIEW SIMULATE with other unsupported objects in the same execution ends in SOC6 ABEND. PREVIEW SIMULATE with QUICKCOPY option registers incorrect type of copy in SYSIBM.SYSCOPY. SOLUTION: Gracefully terminate processing with RC=8 and issue error message PFR0752E when PREVIEW SIMULATE is invoked for an unsupported object or PREVIEW SIMULATE is invoked with other unsupported objects in the same step. PFR0752E - PREVIEW SIMULATE INVOKED FOR ONE OR MORE UNSUPPORTED OBJECTS. PROCESSING TERMINATES. REVIEW THE DOCUMENTATION FOR A LIST OF UNSUPPORTED OBJECTS. WE RECOMMEND PLACING PREVIEW SIMULATE STATEMENTS IN SEPARATE EXECUTIONS. SYMPTOMS: PREVIEW SIMULATE for any unsupported object ends with SOC6 ABEND QUICKCOPY with PREVIEW SIMULATE registers sharelevel reference copy in SYSIBM.SYSCOPY.

Service	Details
	IMPACT: Inconsistent unexplained ABEND when invoking PREVIEW SIMULATE with unsupported objects. CIRCUMVENTION: Execute PREVIEW SIMULATE of supported objects separately Avoid using QUICKCOPY keyword with PREVIEW SIMULATE. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1061 Copyright (C) 2020 CA. All rights reserved. R00900-D200-SP1 DESC(CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME). ++VER (Z038) FMID (CPUTK00) PRE (R097717 R098969 R099566 S000024 S000847 S001411 S001659 S003844 S004469 S004949 S005016 S006127 S007172 S007711 S007820 S007894 S008586 S008879 S009027 S009253 S009765 S011085 S011110 S011238 S011433 S011604 S011999 S012153 S012278 S012529 S013153) SUP (S007986 S009973 S010474 S010495 ST00608 ST00765 ST07986 ST09973 ST10474 ST10495 ST11914 ST13134 ST13160 ST13205) ++IF FMID(CPRRK00) REQ(S013204) . ++IF FMID(CUGRK00) REQ(S013206) . ++IF FMID(CPFLK00) REQ(S013203) .

Service	Details
S013206	S013206 M.C.S. ENTRIES = ++PTF (S013206) The following items are included in this solution: 1. CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME 2. TERMINATE PREVIEW SIMULATE WITH UNSUPPORTED OBJECTS ===== CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME PROBLEM DESCRIPTION: When running CA Fast Recover for DB2 for z/OS with preview simulate, the shadow Db2 VSAM datasets are created with the lowest level qualifier as follows: D11Z.DSNDBC.DBNAME.TSNAME.I0001.J001 This causes an undesirable behaviour in some utilities as they are using the following wildcarding and the shadow datasets are included in the processing, even though they shouldn't be. D11Z.DSNDBC.DBNAME.TSNAME.I0001.* SOLUTION: When creating shadow Db2 VSAM datasets, instead of changing the lowest level qualifier change the first letter of the second low level qualifier to 'Y'. This way, the shadow datasets will be out of the way. D11Z.DSNDBC.DBNAME.TSNAME.Y0001.A001 SYMPTOMS: After PREVIEW SIMULATE step Db2 VSAM shadow datasets are created as follows: D11Z.DSNDBC.DBNAME.TSNAME.I0001.J001 IMPACT: Some utilities includes shadow datasets in processing causing an undesirable behaviour. CIRCUMVENTION: Delete Db2 VSAM shadow datasets after PREVIEW SIMULATE step. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1052 ===== TERMINATE PREVIEW SIMULATE WITH UNSUPPORTED OBJECTS PROBLEM DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) PREVIEW SIMULATE for unsupported objects or PREVIEW SIMULATE with other unsupported objects in the same execution ends in SOC6 ABEND. PREVIEW SIMULATE with QUICKCOPY option registers incorrect type of copy in SYSIBM.SYSCOPY. SOLUTION: Gracefully terminate processing with RC=8 and issue error message PFR0752E when PREVIEW SIMULATE is invoked for an unsupported object or PREVIEW SIMULATE is invoked with other unsupported objects in the same step. PFR0752E - PREVIEW SIMULATE INVOKED FOR ONE OR MORE UNSUPPORTED OBJECTS. PROCESSING TERMINATES. REVIEW THE DOCUMENTATION FOR A LIST OF UNSUPPORTED OBJECTS. WE RECOMMEND PLACING PREVIEW SIMULATE STATEMENTS IN SEPARATE EXECUTIONS. SYMPTOMS: PREVIEW SIMULATE for any unsupported object ends with SOC6 ABEND QUICKCOPY with PREVIEW SIMULATE registers sharelevel reference copy in SYSIBM.SYSCOPY.

Service	Details
	IMPACT: Inconsistent unexplained ABEND when invoking PREVIEW SIMULATE with unsupported objects. CIRCUMVENTION: Execute PREVIEW SIMULATE of supported objects separately Avoid using QUICKCOPY keyword with PREVIEW SIMULATE. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1061 Copyright (C) 2020 CA. All rights reserved. R00900-D200-SP1 DESC(CHANGE PREVIEW SIMULATE DB2 VSAM SHADOW DATASETS NAME). ++VER (Z038) FMID (CUGRK00) PRE (R096595 R099574 S000029 S000788 S001660 S004251 S004475 S005018 S006132 S006879 S007826 S007905 S008280 S008833 S009742 S009748 S009903 S010165 S010818 S011083 S012000 S012155 S013130) SUP (S012018 S012234 ST11915 ST12018 ST12234 ST13135 ST13161 ST13206) ++IF FMID(CPRRK00) REQ(S013204) . ++IF FMID(CPUTK00) REQ(S013205) . ++IF FMID(CPFLK00) REQ(S013203) .

Service	Details
SO13213	SO13213 M.C.S. ENTRIES = ++PTF (SO13213) CAIDEBUG DOCUMENTATION PROBLEM DESCRIPTION: Clarifications in sample JCL (CDBAJCL) member CAIDEBUG. SYMPTOMS: none IMPACT: none CIRCUMVENTION: none PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 1427 Copyright (C) 2020 CA. All rights reserved. R00901-D200-SP1 DESC(CAIDEBUG DOCUMENTATION). ++VER (Z038) FMID (CINSK00) PRE (S008963) SUP (ST13213)

Service	Details
SO13224	SO13224 M.C.S. ENTRIES = ++PTF (SO13224) WRONG TIME REPORTED FOR LOG RANGE CLOSE TO DST START TIME. PROBLEM DESCRIPTION: CA Log Analyzer for DB2 for z/OS (PLA) shows the wrong time in the report output when the specified log range is one hour before the DST beginning time (DST_BEG). IMPACT: No direct impact. Wrong time information might cause confusion and lead to misinterpretation of the output. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1307 Copyright (C) 2020 CA. All rights reserved. R00902-D200-SP1 DESC(WRONG TIME REPORTED FOR LOG RANGE CLOSE TO DST START TIME.). ++VER (Z038) FMID (CPLAK00) PRE (R096583 R099559 S000975 S004245 S008802 S011669 S012889) SUP (ST13224)

Service	Details
SO13229	SO13229 M.C.S. ENTRIES = ++PTF (SO13229) RMA254E INCORRECTLY ISSUED WHEN AUX IX AND AUX TBL PRESENT PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS, if you use DDL-SSID compare strategy to drop the LOB column of a base table, the analysis will incorrectly issue message RMA254E. SYMPTOMS: RMA254E SYNTAX ERRORS WERE FOUND. PLEASE CHECK OUTPUT DDL FILE FOR MORE INFORMATION ON THE ERRORS. IMPACT: The RMA254E message is incorrectly issued. CIRCUMVENTION: Ignore the message if the DDL looks good. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 3063 Copyright (C) 2020 CA. All rights reserved. R00903-D200-SP1 DESC(RMA254E INCORRECTLY ISSUED WHEN AUX IX AND AUX TBL PRESENT). ++VER (Z038) FMID (CINSK00) PRE (R099553 SO01396 SO04718 SO06113 SO07379 SO09105 SO11691 SO11966 SO12361 SO12933) SUP (SO10512 ST10512 ST13229)

Service	Details
SO13230	SO13230 M.C.S. ENTRIES = ++PTF (SO13230) ABEND U0295 WHEN USING PDA COLLECTION SERVICES PROBLEM DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) may fail with U0295 abend when executing an Extract Procedure when PTF SO12819 is applied. The problem occurs when processing multi-versioned objects which have many rows in SYSIBM.SYSCOPY. SYMPTOMS: The following error message can be seen in the PTIMSG dataset: -> HV Table not found - SYSIBM.SYSCOPY IMPACT: The collection services cannot be used for multi-versioned objects with many rows in SYSIBM.SYSCOPY. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Analyzer for DB2 for z/OS Release 20.0 Related Problem: GEN 1425 Copyright (C) 2020 CA. All rights reserved. R00904-D200-SP1 DESC (ABEND U0295 WHEN USING PDA COLLECTION SERVICES). ++VER (Z038) FMID (CINSK00) PRE (SO09761 SO10514 SO12819) SUP (AS12819 ST13230)

Service	Details
SO13234	SO13234 M.C.S. ENTRIES = ++PTF (SO13234) DML LOAD FILE GENERATION ABENDS WITH SE37 FOR LADFILE PROBLEM DESCRIPTION: CA Log Analyzer for DB2 for z/OS (PLA) DML Load File generation may fail with abend SE37 for the ddname LADFILE. The dynamic allocation parameters of LADFILE do not contain the space type specification and the system default is taken instead. This can lead to under allocation of the data set and it may result in abend SE37. SYMPTOMS: DML Load File generation fails with abend SE37 and a reason code 8 for ddname LADFILE when the following message appears in a job log with Alloc type BLOCKS. LAE0171I Allocating the following load file data set: dsname - Alloc type: BLOCKS IMPACT: A LADFILE data set generated by DML Load File report has different allocation parameters than expected. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Release 19.0 CA Log Analyzer for DB2 for z/OS Release 20.0 Related Problem: PLA 1309 Copyright (C) 2020 CA. All rights reserved. R00905-D200-SP1 DESC(DML LOAD FILE GENERATION ABENDS WITH SE37 FOR LADFILE). ++VER (Z038) FMID (CPLAK00) PRE (R099559 S000975 S004245 S004461 S008802 S011669 S012889) SUP (ST13234)

Service	Details
SO13306	SO13306 M.C.S. ENTRIES = ++PTF (SO13306) EDITING A VIEW FAILS WITH RU595E MESSAGE RC=007901 PROBLEM DESCRIPTION: In CA RC/Update for DB2 for z/OS (RCU), while editing a view in RC/Edit with fewer columns in SELECT clause than the base table columns, fails with error message RU595E. SYMPTOMS: Editing a view fails with following error: RU595E: An error occurred during view text parsing; rc=00007901 IMPACT: You cannot edit a view with fewer columns than the base table. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCU 1097 Copyright (C) 2020 CA. All rights reserved. R00909-D200-SP1 DESC(EDITING A VIEW FAILS WITH RU595E MESSAGE RC=007901). ++VER (Z038) FMID (CRCUK00) SUP (ST13306)

Service	Details
SO13307	SO13307 M.C.S. ENTRIES = ++PTF (SO13307) ADD BIND SERVICE SYNTAX IN BIND BATCH PROCESSOR ENHANCEMENT DESCRIPTION: In CA Endeavor Software Change Manager Interface for DB2 for Z/OS (EDB2), the bind batch processor now accepts BIND SERVICE syntax. PRODUCT(S) AFFECTED: CA Endeavor Software Change Manager Interface for DB2 Version 20.0 Related Problem: EDB2 179 Copyright (C) 2020 CA. All rights reserved. R00910-D200-SP1 DESC(ADD BIND SERVICE SYNTAX IN BIND BATCH PROCESSOR) . ++VER (Z038) FMID (CAHOK00) PRE (SO07804 SO10129) SUP (SO07904 SO10789 ST07904 ST10789 ST13307) ++IF FMID(CINSK00) REQ(SO13308) .

Service	Details
SO13308	SO13308 M.C.S. ENTRIES = ++PTF (SO13308) ADD BIND SERVICE SYNTAX IN BIND BATCH PROCESSOR ENHANCEMENT DESCRIPTION: In CA Endeavor Software Change Manager Interface for DB2 for Z/OS (EDB2), the bind batch processor now accepts BIND SERVICE syntax. PRODUCT(S) AFFECTED: CA Endeavor Software Change Manager Interface for DB2 Version 20.0 Related Problem: EDB2 179 Copyright (C) 2020 CA. All rights reserved. R00910-D200-SP1 DESC(ADD BIND SERVICE SYNTAX IN BIND BATCH PROCESSOR) . ++VER (Z038) FMID (CINSK00) PRE (S004718) SUP (ST13308) ++IF FMID(CAHOK00) REQ(SO13307) .

Service	Details
SO13316	SO13316 M.C.S. ENTRIES = ++PTF (SO13316) S378-18 OR OTHER STORAGE RELATED ABENDS IN UTILITIES PROBLEM DESCRIPTION: An error in the internal memory allocation service may cause various problems in CA DB2 Utilities when PTF SO11999 is applied. CA Fast Unload for DB2 for z/OS (PFU) may encounter an S378 abend with reason code 18 when running with SQL-ACCESS NONE or EXTENSION, ZIIP YES, and an IN clause is used in the PFU SELECT statement. SYMPTOMS: The PFU job experiencing the S378-18 abend shows a symptom dump similar to this: IEA995I SYMPTOM DUMP OUTPUT 723 SYSTEM COMPLETION CODE=378 REASON CODE=00000018 TIME=01.03.47 SEQ=01649 CPU=0000 ASID=0411 PSW AT TIME OF ERROR 070C1000 8140B876 ILC 2 INTC 0D NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 0140B870 - 00181610 0A0D98DC D0088910 AR/GR 0: FFFFFFFF/84000000 1: 00000000/84378000 2: FFFFFFFF/00000004 3: 0B269790/00004703 4: FFFFFFFF/FFFFFFF 5: FFFFFFFF/00000005 6: FFFFFFFF/00000002 7: FFFFFFFF/00000378 8: FFFFFFFF/00000018 9: FFFFFFFF/00000057 A: 00000000/3B0C3000 B: FFFFFFFF/00000378 C: FFFFFFFF/8140B83E D: FFFFFFFF/7FF15008 E: 00000000/80167F02 F: 0B269790/00000018 END OF SYMPTOM DUMP IMPACT: The PFU job ends abnormally. CIRCUMVENTION: In the PFU case, use ZIIP NO to circumvent the problem. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utilities Common Version 20.0 CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PUT 816 Copyright (C) 2020 CA. All rights reserved. R00911-D200-SP1 DESC(S378-18 OR OTHER STORAGE RELATED ABENDS IN UTILITIES). ++VER (Z038) FMID (CPUTK00) PRE (R098969 S000024 S006127 S007172 S011085 S011999 S012153) SUP (AS11999 S012730 ST12730 ST13316) ++IF FMID(CPFUK00) REQ(S013319) .

Service	Details
SO13319	SO13319 M.C.S. ENTRIES = ++PTF (SO13319) S378-18 OR OTHER STORAGE RELATED ABENDS IN UTILITIES PROBLEM DESCRIPTION: An error in the internal memory allocation service may cause various problems in CA DB2 Utilities when PTF SO11999 is applied. CA Fast Unload for DB2 for z/OS (PFU) may encounter an S378 abend with reason code 18 when running with SQL-ACCESS NONE or EXTENSION, ZIIP YES, and an IN clause is used in the PFU SELECT statement. SYMPTOMS: The PFU job experiencing the S378-18 abend shows a symptom dump similar to this: IEA995I SYMPTOM DUMP OUTPUT 723 SYSTEM COMPLETION CODE=378 REASON CODE=00000018 TIME=01.03.47 SEQ=01649 CPU=0000 ASID=0411 PSW AT TIME OF ERROR 070C1000 8140B876 ILC 2 INTC 0D NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 0140B870 - 00181610 0A0D98DC D0088910 AR/GR 0: FFFFFFFF/84000000 1: 00000000/84378000 2: FFFFFFFF/00000004 3: 0B269790/00004703 4: FFFFFFFF/FFFFFFF 5: FFFFFFFF/00000005 6: FFFFFFFF/00000002 7: FFFFFFFF/00000378 8: FFFFFFFF/00000018 9: FFFFFFFF/00000057 A: 00000000/3B0C3000 B: FFFFFFFF/00000378 C: FFFFFFFF/8140B83E D: FFFFFFFF/7FF15008 E: 00000000/80167F02 F: 0B269790/00000018 END OF SYMPTOM DUMP IMPACT: The PFU job ends abnormally. CIRCUMVENTION: In the PFU case, use ZIIP NO to circumvent the problem. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utilities Common Version 20.0 CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PUT 816 Copyright (C) 2020 CA. All rights reserved. R00911-D200-SP1 DESC(S378-18 OR OTHER STORAGE RELATED ABENDS IN UTILITIES). ++VER (Z038) FMID (CPFUK00) PRE (R099558 S001402 S001818 S004460 S006118 S008112 S008860 S011997) SUP (ST13319) ++IF FMID(CPUTK00) REQ(SO13316) .

Service	Details
SO13320	SO13320 M.C.S. ENTRIES = ++PTF (SO13320) INCORRECT INDEX STATISTICS AFTER PDA FASTSCAN PROBLEM DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) Regular and FastScan may incorrectly set multiple values related to index PDA statistics to zero. This may cause the impacted objects to be excluded from Extract and Action Condition results and cause other problems. SYMPTOMS: Following columns in the PTI.RAIX_STATS_1105 table are set to zero after FastScan and Regular Scan: RAIX_LEAF, RAIX_NONLEAF, RAIX_LEVELS, RAIX_PQTY U, RAIX_REORG_PAGES, RAIX_REORG_LEVELS, RAIX_NONLEAF_I %CALC FORMAT ERROR issued in the generated Action JCL when %REORGP is null IMPACT: Indexes may be excluded from PDA Statistics collection. Action JCL generated may not be executable where the statistics values are used in a %CALC formula. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Rapid Reorg for DB2 for z/OS Version 19.0 CA Rapid Reorg for DB2 for z/OS Version 20.0 Related Problem: PDA 1357 Copyright (C) 2020 CA. All rights reserved. R00912-D200-SP1 DESC(INCORRECT INDEX STATISTICS AFTER PDA FASTSCAN). ++VER (Z038) FMID (CINSK00) PRE (S000016 S005011 S011234) SUP (AS11234 S008016 S010639 ST08016 ST10639 ST13320)

Service	Details
SO13329	SO13329 M.C.S. ENTRIES = ++PTF (SO13329) 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 Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 532 Copyright (C) 2020 CA. All rights reserved. R00915-D200-SP1 DESC(Security or Integrity Problem). ++VER (Z038) FMID (CPSAK00) PRE (SO12926) SUP (CC97645 SO12966 ST12824 ST12833 ST12966 ST13329)

Service	Details
SO13339	SO13339 M.C.S. ENTRIES = ++PTF (SO13339) CA UTILITY SORT ENHANCEMENTS ENHANCEMENT DESCRIPTION: This PTF is an infrastructure prerequisite for CA Utility Sort (CAUTIL) for a Rapid Reorg for DB2 for z/OS (PRR) future enhancement. PRODUCT(S) AFFECTED: CA Rapid Reorg for DB2 for z/OS Version 20.0 Related Problem: PRR 1368 Copyright (C) 2020 CA. All rights reserved. R00916-D200-SP1 DESC(CA UTILITY SORT ENHANCEMENTS). ++VER (Z038) FMID (CPRRK00) PRE (R096588 R097715 R098968 S000023 S000846 S006609 S007818 S007893 S008379 S009026 S009089 S009599 S009901 S009905 S010007 S011039 S011080 S011222 S011603 S011998 S012152 S013152 S013176 S013204) SUP (S010679 ST10679 ST13202 ST13293 ST13339) ++HOLD (SO13339) SYSTEM FMID(CPRRK00) REASON (MSGSKEL) DATE (20148) COMMENT (<pre> +-----+ CA Rapid Reorg for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install 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
SO13352	SO13352 M.C.S. ENTRIES = ++PTF (SO13352) FOREIGN KEY REFERENCE CLAUSE MISSING WHEN CREATING TABLE DDL PROBLEM DESCRIPTION: When using CA RC/Update for DB2 for z/OS (RCU) to template a table with a foreign key, the REFERENCES clause will be missing from the generated DDL if the foreign key columns match the primary key columns of the parent table. SYMPTOMS: The foreign key in the create table DDL will be without the REFERENCES clause. IMPACT: The DDL generated will fail with SQLCODE -199 when executed. DSNT408I SQLCODE = -199, ERROR: ILLEGAL USE OF KEYWORD ON. TOKEN REFERENCES WAS EXPECTED CIRCUMVENTION: Edit the DDL and add the reference clause with the correct parent table. PRODUCT(S) AFFECTED: CA RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCU 1098 Copyright (C) 2020 CA. All rights reserved. R00919-D200-SP1 DESC(FOREIGN KEY REFERENCE CLAUSE MISSING WHEN CREATING TABLE DDL) . ++VER (Z038) FMID (CINSK00) PRE (R097704 R099553 S001396 S004455 S007379 S007807 S009105 S011966 S012933) SUP (S009893 ST09893 ST13352) MCS S012851 STARTS ON PAGE 0002 MCS S012852 STARTS ON PAGE 0005 MCS S012853 STARTS ON PAGE 0007 MCS S012921 STARTS ON PAGE 0009 MCS S012958 STARTS ON PAGE 0011 MCS S012984 STARTS ON PAGE 0012 MCS S012994 STARTS ON PAGE 0013 MCS S012999 STARTS ON PAGE 0014 MCS S013005 STARTS ON PAGE 0015 MCS S013009 STARTS ON PAGE 0017 MCS S013024 STARTS ON PAGE 0018 MCS S013032 STARTS ON PAGE 0019 MCS S013044 STARTS ON PAGE 0020 MCS S013066 STARTS ON PAGE 0020 MCS S013071 STARTS ON PAGE 0022 MCS S013074 STARTS ON PAGE 0023 MCS S013075 STARTS ON PAGE 0024 MCS S013080 STARTS ON PAGE 0025 MCS S013083 STARTS ON PAGE 0026 MCS S013091 STARTS ON PAGE 0026 MCS S013096 STARTS ON PAGE 0027 MCS S013097 STARTS ON PAGE 0028 MCS S013098 STARTS ON PAGE 0029 MCS S013111 STARTS ON PAGE 0030 MCS S013112 STARTS ON PAGE 0031

Service	Details		
	MCS	SO13130	STARTS ON PAGE 0032
	MCS	SO13149	STARTS ON PAGE 0033
	MCS	SO13150	STARTS ON PAGE 0034
	MCS	SO13151	STARTS ON PAGE 0035
	MCS	SO13152	STARTS ON PAGE 0035
	MCS	SO13153	STARTS ON PAGE 0037
	MCS	SO13154	STARTS ON PAGE 0038
	MCS	SO13175	STARTS ON PAGE 0039
	MCS	SO13176	STARTS ON PAGE 0040
	MCS	SO13193	STARTS ON PAGE 0042
	MCS	SO13203	STARTS ON PAGE 0043
	MCS	SO13204	STARTS ON PAGE 0046
	MCS	SO13205	STARTS ON PAGE 0048
	MCS	SO13206	STARTS ON PAGE 0051
	MCS	SO13213	STARTS ON PAGE 0054
	MCS	SO13224	STARTS ON PAGE 0055
	MCS	SO13229	STARTS ON PAGE 0055
	MCS	SO13230	STARTS ON PAGE 0056
	MCS	SO13234	STARTS ON PAGE 0057
	MCS	SO13306	STARTS ON PAGE 0058
	MCS	SO13307	STARTS ON PAGE 0058
	MCS	SO13308	STARTS ON PAGE 0059
	MCS	SO13316	STARTS ON PAGE 0060
	MCS	SO13319	STARTS ON PAGE 0061
	MCS	SO13320	STARTS ON PAGE 0062
	MCS	SO13329	STARTS ON PAGE 0063
	MCS	SO13339	STARTS ON PAGE 0064
	MCS	SO13352	STARTS ON PAGE 0065

CA DB2 Tools 20.0
CA RS 2006 Product/Component Listing

85

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 2006 Product/Component Count for this release is 27

CA RS Level	Service	FMID
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00
	S013234	CPLAK00
	S013230	CINSK00
	S013229	CINSK00
	S013224	CPLAK00
	S013213	CINSK00
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	S013203	CPFLK00
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00

CA RS Level	Service	FMID
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	S012937	CRCXK00
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00

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

CA RS Level	Service	FMID
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00

CA RS Level	Service	FMID
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00

CA RS Level	Service	FMID
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	S011693	CIDBK00
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	S011323	CUGRK00
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00

CA RS Level	Service	FMID
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00

CA RS Level	Service	FMID
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00

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

CA RS Level	Service	FMID
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCSK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	S009125	CINSK00
	S009110	CRCXK00
	S009109	CRCUK00
	S009108	CPLAK00
	S009107	CPFUK00
	S009106	COFSK00
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	S009083	CPLAK00
	S009068	CIDBK00
	S009065	CPDTK00
	S009055	CIDBK00
	S009054	CIDBK00
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	S008766	CINSK00
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00

CA RS Level	Service	FMID
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	S008750	CINSK00
	S008728	CIDBK00
	S008684	CINSK00
	S008668	CUGRK00
	S008667	CPUTK00
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	S008644	CINSK00
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00

CA RS Level	Service	FMID
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00

CA RS Level	Service	FMID
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00
	S007856	CINSK00
CAR1904	S007826	CUGRK00
	S007825	CTGRK00
	S007824	CRCUK00
	S007823	CRCCK00
	S007822	CRCQK00
	S007821	CRCMK00
	S007820	CPUTK00
	S007819	CPSAK00
	S007818	CPRRK00
	S007815	CPFRK00
	S007814	CPPAK00
	S007813	CPLAK00
	S007812	CPFUK00
	S007811	CPFLK00
	S007810	CPDTK00
	S007809	CPDAK00
	S007808	COFSK00
	S007807	CINSK00
	S007806	CIDBK00
	S007804	CAHOK00
	S007774	CINSK00
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00
	S007169	CINSK00
CAR1903	S007412	CINSK00
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00

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

CA RS Level	Service	FMID
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00

CA RS Level	Service	FMID
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00
	S004756	CINSK00
CAR1808	S004720	CRCUK00
	S004719	CRCMK00
	S004718	CINSK00
	S004475	CUGRK00
	S004474	CTGRK00
	S004473	CRCXK00
	S004472	CRCUK00
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	S004468	CPSAK00
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00

CA RS Level	Service	FMID
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCCK00
	S001641	CPLAK00
CAR1805	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00

CA RS Level	Service	FMID
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00
	S000977	CSQ2100
	S000975	CPLAK00
	S000894	CUGRK00
	S000893	CPUTK00
	S000871	CPSAK00
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	S000846	CPRRK00
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00

CA RS Level	Service	FMID
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100
CAR1801	R099853	CRCXK00
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRCSK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00

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

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