

DB2 Tools 20.0
CA RS 2109 Service List

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Service	Description	Type
LU02095	CTV - 601 SQL ERROR WITH EXECUTION PROCEDURES	PTF
LU02116	INCORRECT ERROR MESSAGE WHILE SWITCHING THE DB2 SUBSYSTEM	PTF
LU02118	DATA COLLECTOR ONLY FOR BROWSING HISTORY	PTF
LU02119	SNAPSHOT GENERAL SERVICES MAY FAIL WITH SOC9 ABEND	PTF
LU02166	BATCH SYNTAX CHECKING USING ACM DOES NOT USE ACM SOMETIMES	PTF
LU02212	GLOBAL CHANGE NOT APPLIED TO DSSIZE IF TYPE IS CONVERTED	PTF
LU02229	ADD DATABASE AND TABLESPACE OBJECT FILTERS FOR DDL REPORTING	PTF
LU02230	ADD DATABASE AND TABLESPACE OBJECT FILTERS FOR DDL REPORTING	PTF
LU02231	ADD DATABASE AND TABLESPACE OBJECT FILTERS FOR DDL REPORTING	PTF
LU02242	USER ABEND U0724 IN PXMZMS	PTF
LU02243	HARNESS IBM WHEN DATA-AVAILABLE CRITICAL AND LOADING LOBS	PTF
LU02258	SOC4-3B IN UTLGLIOE+142	PTF
LU02271	CREATE USER FRIENDLY FORMAT FOR EMPTY STRING PERCENTAGES	PTF
LU02286	GETPAGE HEX ZEROS RUNNING PDTBATCH FORMAT=SUMMARY	PTF
LU02290	INFLATED CPU WITH GETPAGES FOR COMMIT FOR SPECIFIC PROGRAM	PTF
LU02303	AGGREGATED ACCOUNTING FOR A DATA SHARING GROUP	PTF
LU02307	PQC REFACTORING ENGINE 4	PTF
LU02325	INCOMPLETE VALUES FOR PAGE LOCKS IN IDB2 ACCOUNTING DATA	PTF
LU02335	SUPPORT FOR SYSREC PERVASIVE ENCRYPTION	PTF
LU02340	EXCEPTION VARIABLES NOT PROPERLY POPULATED	PTF
LU02345	POST_INSTALL COMPT STEP INCORRECTLY ISSUES DDL00081 MESSAGE	PTF
LU02363	RECOVERY ESTIMATOR WILL NOW DETECT DATA SHARING ENVIRONMENTS	PTF
LU02381	DML REPORT FINISHES WITH RC=8 AND MESSAGE LAE0366W	PTF
LU02383	SDC2-16 WITH MANY ENCRYPTED DB2 DATA SETS	PTF
LU02385	RECOVER INDEX SORTLOG NO - CODE=3099/3105	PTF
LU02387	COMMON PART SPECIFICS NOT GENERATED AT GLOBAL LEVEL FORIX	PTF
LU02420	ANALYSIS MAY BE IN LOOP WHEN USING UTILITY REBIND OPTION	PTF
LU02428	CORRECT CHECKPOINT INTERVALS AND FIELD NAMES IN HELP PANELS	PTF
LU02436	UPDATE PBA BATCH REPORTS TO USE THE NEW VV.RR.MM VERSION STR	PTF
LU02437	LIMITKEY INFORMATION IS MISSING IN THE DDL OF TCP TABLE	PTF
LU02439	DATABASE EXCEPTIONS DO NOT GET RESET	PTF
LU02440	SOC4 DUE TO PERVASIVE ENCRYPTION ENHANCEMENT	** PRP **
LU02455	LISTDEF FOR MULTIPLE ACTION PROCEDURES AND UTILITY CODES	PTF
LU02456	LISTDEF FOR MULTIPLE ACTION PROCEDURES AND UTILITY CODES	PTF
LU02470	SDC2-38 WITH NATIVE ACCESS, ORDER BY AND MOWRK	PTF
LU02485	SOC4 IN FLLUTS2 WITH BRP WHEN ZIIP YES IS SPECIFIED	PTF
LU02492	UPDATE PPA TO DISPLAY LEVEL SET VERSION_STRING	PTF
LU02493	UPDATE PPA TO DISPLAY LEVEL SET VERSION_STRING	PTF
LU02524	PDT0216 DYNAMIC COLLECTION SOC4 ABEND	PTF
LU02529	QUICK COPY REARCHITECTURE, PART 3	PTF
LU02554	ENABLE DETECTOR COLLECTION FOR SQL IN AUTONOMOUS NSPS	PTF
LU02564	MISSING VERSION COLUMN IN MULTIPLE REPORTS	PTF

The CA RS 2109 service count for this release is 42

DB2 Tools
CA RS 2109 Service List for CIDBK00

FMID	Service	Description	Type
CIDBK00	LU02118	DATA COLLECTOR ONLY FOR BROWSING HISTORY	PTF
	LU02303	AGGREGATED ACCOUNTING FOR A DATA SHARING GROUP	PTF
	LU02325	INCOMPLETE VALUES FOR PAGE LOCKS IN IDB2 ACCOUNTING DATA	PTF
	LU02340	EXCEPTION VARIABLES NOT PROPERLY POPULATED	PTF
	LU02428	CORRECT CHECKPOINT INTERVALS AND FIELD NAMES IN HELP PANELS	PTF
	LU02439	DATABASE EXCEPTIONS DO NOT GET RESET	PTF
The CA RS 2109 service count for this FMID is 6			

DB2 Tools
CA RS 2109 Service List for CINSK00

FMID	Service	Description	Type
CINSK00	LU02116	INCORRECT ERROR MESSAGE WHILE SWITCHING THE DB2 SUBSYSTEM	PTF
	LU02166	BATCH SYNTAX CHECKING USING ACM DOES NOT USE ACM SOMETIMES	PTF
	LU02212	GLOBAL CHANGE NOT APPLIED TO DSSIZE IF TYPE IS CONVERTED	PTF
	LU02229	ADD DATABASE AND TABLESPACE OBJECT FILTERS FOR DDL REPORTING	PTF
	LU02242	USER ABEND U0724 IN PXMZMS	PTF
	LU02345	POST_INSTALL COMPRT STEP INCORRECTLY ISSUES DDL00081 MESSAGE	PTF
	LU02363	RECOVERY ESTIMATOR WILL NOW DETECT DATA SHARING ENVIRONMENTS	PTF
	LU02383	SDC2-16 WITH MANY ENCRYPTED DB2 DATA SETS	PTF
	LU02420	ANALYSIS MAY BE IN LOOP WHEN USING UTILITY REBIND OPTION	PTF
	LU02455	LISTDEF FOR MULTIPLE ACTION PROCEDURES AND UTILITY CODES	PTF
	LU02492	UPDATE PPA TO DISPLAY LEVEL SET VERSION_STRING	PTF
The CA RS 2109 service count for this FMID is 11			

DB2 Tools
CA RS 2109 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	LU02387	COMMON PART SPECIFICS NOT GENERATED AT GLOBAL LEVEL FORIX	PTF
	LU02437	LIMITKEY INFORMATION IS MISSING IN THE DDL OF TCP TABLE	PTF
The CA RS 2109 service count for this FMID is 2			

DB2 Tools
CA RS 2109 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	LU02095	CTV - 601 SQL ERROR WITH EXECUTION PROCEDURES	PTF
	LU02456	LISTDEF FOR MULTIPLE ACTION PROCEDURES AND UTILITY CODES	PTF
The CA RS 2109 service count for this FMID is 2			

DB2 Tools
CA RS 2109 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	LU02271	CREATE USER FRIENDLY FORMAT FOR EMPTY STRING PERCENTAGES	PTF
	LU02286	GETPAGE HEX ZEROS RUNNING PDTBATCH FORMAT=SUMMARY	PTF
	LU02290	INFLATED CPU WITH GETPAGES FOR COMMIT FOR SPECIFIC PROGRAM	PTF
	LU02524	PDT0216 DYNAMIC COLLECTION SOC4 ABEND	PTF
	LU02554	ENABLE DETECTOR COLLECTION FOR SQL IN AUTONOMOUS NSPS	PTF
The CA RS 2109 service count for this FMID is 5			

DB2 Tools
CA RS 2109 Service List for CPFLK00

FMID	Service	Description	Type
CPFLK00	LU02243	HARNESS IBM WHEN DATA-AVAILABLE CRITICAL AND LOADING LOBS	PTF
	LU02258	SOC4-3B IN UTLGLIOE+142	PTF
	LU02485	SOC4 IN FLLUTS2 WITH BRF WHEN ZIIP YES IS SPECIFIED	PTF
The CA RS 2109 service count for this FMID is 3			

DB2 Tools
CA RS 2109 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	LU02335	SUPPORT FOR SYSREC PERVASIVE ENCRYPTION	PTF
	LU02440	SOC4 DUE TO PERVASIVE ENCRYPTION ENHANCEMENT	** PRP **
	LU02470	SDC2-38 WITH NATIVE ACCESS, ORDER BY AND MOWRK	PTF
The CA RS 2109 service count for this FMID is 3			

DB2 Tools
CA RS 2109 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	LU02230	ADD DATABASE AND TABLESPACE OBJECT FILTERS FOR DDL REPORTING	PTF
	LU02381	DML REPORT FINISHES WITH RC=8 AND MESSAGE LAE0366W	PTF
The CA RS 2109 service count for this FMID is 2			

DB2 Tools
CA RS 2109 Service List for CPPAK00

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FMID	Service	Description	Type
CPPAK00	LU02436	UPDATE PBA BATCH REPORTS TO USE THE NEW VV.RR.MM VERSION STR	PTF
	LU02493	UPDATE PPA TO DISPLAY LEVEL SET VERSION_STRING	PTF
The CA RS 2109 service count for this FMID is 2			

DB2 Tools
CA RS 2109 Service List for CPUTK00

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FMID	Service	Description	Type
CPUTK00	LU02231	ADD DATABASE AND TABLESPACE OBJECT FILTERS FOR DDL REPORTING	PTF
The CA RS 2109 service count for this FMID is 1			

DB2 Tools
CA RS 2109 Service List for CRCQK00

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FMID	Service	Description	Type
CRCQK00	LU02564	MISSING VERSION COLUMN IN MULTIPLE REPORTS	PTF
The CA RS 2109 service count for this FMID is 1			

DB2 Tools
CA RS 2109 Service List for CTGRK00

FMID	Service	Description	Type
CTGRK00	LU02119	SNAPSHOT GENERAL SERVICES MAY FAIL WITH SOC9 ABEND	PTF
The CA RS 2109 service count for this FMID is 1			

DB2 Tools
CA RS 2109 Service List for CUGRK00

FMID	Service	Description	Type
CUGRK00	LU02307	PQC REFACTORING ENGINE 4	PTF
	LU02385	RECOVER INDEX SORTLOG NO - CODE=3099/3105	PTF
	LU02529	QUICK COPY REARCHITECTURE, PART 3	PTF
The CA RS 2109 service count for this FMID is 3			

Service	Details
LU02095	LU02095 M.C.S. ENTRIES = ++PTF (LU02095) CTV - 601 SQL ERROR WITH EXECUTION PROCEDURES PROBLEM DESCRIPTION: The execution of a CA Database Analyzer for DB2 for z/OS (PDA) Extract Procedure completes with -601 when executing multiple RTOS Extract procedures under one Execution procedure. SYMPTOMS: The job reports the following error in JESMSGGLG: DSNT408I SQLCODE = -601, ERROR: THE NAME (VERSION OR VOLUME SERIAL NUMBER) OF THE OBJECT TO BE DEFINED OR THE TARGET OF A RENAME STATEMENT IS IDENTICAL TO THE EXISTING NAME (VERSION OR VOLUME SERIAL NUMBER) SESSION.RAOS_CTV_2000 OF THE OBJECT TYPE TABLE DSNT418I SQLSTATE = 42710 SQLSTATE RETURN CODE IMPACT: 1. Action JCL created incorrectly with missing objects. 2. Incomplete list of objects in the CTV report. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 14091 Copyright (C) 2021 CA. All rights reserved. R01541-D200-SP1 DESC (CTV - 601 SQL ERROR WITH EXECUTION PROCEDURES). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00314 LU01626 R099555 S000017 S009652 S010042 S014175) SUP (LT01932 LT02095) ++HOLD (LU02095) SYSTEM FMID(CPDAK00) REASON (DB2BIND) DATE (21202) COMMENT (<pre> +-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the </pre>

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

Service	Details
LU02116	LU02116 M.C.S. ENTRIES = ++PTF (LU02116) INCORRECT ERROR MESSAGE WHILE SWITCHING THE DB2 SUBSYSTEM PROBLEM DESCRIPTION: CA Database Management Solutions for DB2 for z/OS displays incorrect error message while switching the Db2 subsystem when the subsystem is not operational. The error message has been corrected as below. Old message: RC=008, RCODE=0012 DB2 ssid SYSTEM NOT OPERATIONAL - STARTUP ECB NOT ACCEPTED New message: RC=008, RCODE=0012 DB2 ssid SYSTEM NOT OPERATIONAL - STARTUP ECB OVERLAYS PRIOR SYMPTOMS: The below error message appears when switching the Db2 subsystem and if the new subsystem is not operational. RC=008, RCODE=0012 DB2 ssid SYSTEM NOT OPERATIONAL - STARTUP ECB NOT ACCEPTED IMPACT: N/A CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 1418 Copyright (C) 2021 CA. All rights reserved. R01545-D200-SP1 DESC(INCORRECT ERROR MESSAGE WHILE SWITCHING THE DB2 SUBSYSTEM) . ++VER (Z038) FMID (CINSK00) PRE (LU01526 LU01978 R099553 S004455 S009205 S010323 S013340 S013711) SUP (LT02116)

Service	Details
LU02118	LU02118 M.C.S. ENTRIES = ++PTF (LU02118) DATA COLLECTOR ONLY FOR BROWSING HISTORY ENHANCEMENT DESCRIPTION: CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds support for running the Data Collector in a new 'History-Only' mode. In this mode, the IDB2 Data Collector does not connect to any DB2 subsystem and no live performance data are collected. Accounting and statistics history data can still be accessed. In the History-Only mode, the accounting and statistics history datasets used by the IDB2 Data Collector can be changed using the IDB2 User Interface without having to restart the Data Collector started task. A new Data Collector SYSPARM 'DC-HISTORY-MODE' has been added. In order to run the IDB2 Data Collector in the History-Only mode, DC-HISTORY-MODE must be set to YES and the DBSUB SYSPARM must specify a non-existent subsystem name. Sample JCL for running the Data Collector in the History-Only mode is provided in the 'SOURCE' PDS dataset (members IDB2HDCJ, IDB2HDCS). PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2554 Copyright (C) 2021 CA. All rights reserved. R01547-D200-SP1 DESC(DATA COLLECTOR ONLY FOR BROWSING HISTORY). ++VER (Z038) FMID (CIDBK00) PRE (LU00299 LU01030 LU01041 LU01164 LU01556 LU01829 LU01977 LU02093 LU02096 R096575 R097703 R099552 S001395 S004454 S006112 S006862 S006977 S007806 S008279 S008846 S009519 S009556 S010160 S010906 S011616 S011977 S012769 S013508 S013557 S013891 S014016 S014099 S014389 S014642 S014923 S015049 S015070 S015254 S015931 S015952 S016116 S016200 S016300) SUP (LT00253 LT01031 LT01042 LT02031 LT02118 LU00253 LU01042 LU02031 S011675 S013032 S014164 S014531 ST05936 ST06374 ST11675 ST13032 ST14164 ST14358 ST14531 ST15722) ++HOLD (LU02118) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (21215) COMMENT (+-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE To run the Data Collector in a new 'History-Only' mode. +-----+ USERS This hold data is relevant for all customers who use AFFECTED CA SYSVIEW Performance Management Option for DB2 for z/OS. +-----+ KNOWLEDGE DB2 Tools Post Install. REQUIRED

Service	Details
	<pre> +-----+-----+ ACCESS Post Install customization libraries REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Execute the DB2 Tools Post Install process to generate the following new and updated members in the SOURCE library for running the Data Collector (DC) in History-Only mode: - new sample SYSPARM member HISTSYSP, - two new JCLs (IDB2HDCJ job and IDB2HDCS started task) to start the DC, - updated APPLS member to establish the connection between the UI and the DC.).</pre>

Service	Details
LU02119	LU02119 M.C.S. ENTRIES = ++PTF (LU02119) SNAPSHOT GENERAL SERVICES MAY FAIL WITH SOC9 ABEND PROBLEM DESCRIPTION: When CA Quick Copy for DB2 for z/OS (PQC) calls Snapshot General Services (TGR) to perform a snapshot for tablespaces with the //TGRDTAIL DD statement, it may fail with SOC9 abend. SYMPTOMS: The copy job will fail, and the output will contain the following messages: JESMSGLG: CCSR010E TGA-API SOC9 at 2B382A6A LMOD TGLSERV CSECT TGAF2CHK +000832 VN#MAT1V BASE PT#UTIL CCSR021I OWNER = CA Database Management R20.0 CCSR022I MODULE = TGAF2CHK FMID = CTGRK00 RMID = S007884 CCSR060I BREAKING EVENT ADDRESS: 00000000 2B382A50 CCSR061I PSW: 07040000 80000000 00000000 2B382A6A CCSR062I ILC: 02 INTERRUPT CODE: 09 CCSR067I COMPLETION CODE SOC9 REASON CODE 00000009 CCSR064I DATA AT PSW 2B382A64 : B0941700 1D02A71A 00051700 CCSR065I HOME = 014D PRIMARY = 014D SECONDARY = 014D CCSR070I GR00 - GR01 00000000_00000000 00000000_00000000 CCSR070I GR02 - GR03 00000000_00000000 00000000_00000000 CCSR070I GR04 - GR05 00000000_7F397894 00000000_00000000 CCSR070I GR06 - GR07 00000000_7F39B818 00000000_7F47F1B8 CCSR070I GR08 - GR09 00000000_7F478878 00000000_7F5F1348 CCSR070I GR10 - GR11 00000000_2B382238 00000000_2B382A84 CCSR070I GR12 - GR13 00000000_7F477E50 00000000_7F477AE0 CCSR070I GR14 - GR15 00000000_AB3828E8 00000000_2B382A50 CCSR071I AR00 - AR03 00000000 00000000 00000000 00000000 CCSR071I AR04 - AR07 00000000 00000000 00000000 00000000 CCSR071I AR08 - AR11 00000000 00000000 00000000 00000000 CCSR071I AR12 - AR15 00000000 00000000 00000000 00000000 CCSR080I TGA-API DUMP IN PROGRESS CCSR082I TGA-API DUMP UNSUCCESSFULLY COMPLETED. R15 = X'00000B08' PQC9032E Job failed before saving snapshot checkpoint. Restart is not possible. IEF450I VN#MAT1V PT#UTIL BASE - ABEND=SOC9 U0000 REASON=00000009 676 PTIIMSG: TGRF2K003I FC2 Copy Status at 10:57:48.42: 0% done PQC9032E Job failed before saving snapshot checkpoint. Restart is not possible. IMPACT: Snapshot General Services may fail to perform the copy operation. PRODUCT(S) AFFECTED: CA Quick Copy for DB2 for z/OS Version 20.0 CA Database Copier for IMS for z/OS Version 20.0 Related Problem: TGR 14049 Copyright (C) 2021 CA. All rights reserved. R01548-D200-SP1 DESC (SNAPSHOT GENERAL SERVICES MAY FAIL WITH SOC9 ABEND). ++VER (Z038) FMID (CTGRK00)

Service	Details
	PRE (S007884) SUP (LT02119)

Service	Details
LU02166	LU02166 M.C.S. ENTRIES = ++PTF (LU02166) BATCH SYNTAX CHECKING USING ACM DOES NOT USE ACM SOMETIMES PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the batch syntax checking using ACM does not use ACM table/views for object verifications. SYMPTOMS: The CPU time is higher than expected. IMPACT: ACM does not have any impact on CPU time. CIRCUMVENTION: Run online syntax checking using ACM. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 14292 Copyright (C) 2021 CA. All rights reserved. R01555-D200-SP1 DESC(BATCH SYNTAX CHECKING USING ACM DOES NOT USE ACM SOMETIMES). ++VER (Z038) FMID (CINSK00) PRE (LU00446 R099553 S000016 S001396 S004455 S007807 S008128 S009105 S011866 S011966 S012361 S014832) SUP (LT02166) CSECT(RMA#MSYN,RMA\$CVT,#@XFCALN,@#EABLDL).

Service	Details
LU02212	LU02212 M.C.S. ENTRIES = ++PTF (LU02212) GLOBAL CHANGE NOT APPLIED TO DSSIZE IF TYPE IS CONVERTED PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), when converting a regular tablespace to a PBG and applying global changes to the TYPE and DSSIZE of the tablespace, the global change is not applied to the DSSIZE. SYMPTOMS: The DSSIZE of the tablespace is not altered by global changes. IMPACT: Customers will not able to change the DSSIZE of the tablespace when using global changes for TYPE and DSSIZE of the tablespace. CIRCUMVENTION: Alter the DSSIZE instead of applying global change. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 14344 Copyright (C) 2021 CA. All rights reserved. R01561-D200-SP1 DESC (GLOBAL CHANGE NOT APPLIED TO DSSIZE IF TYPE IS CONVERTED) . ++VER (Z038) FMID (CINSK00) PRE (LU00446 R099553 S004718 S012361 S012933 S014832 S015804) SUP (LT02212)

Service	Details
LU02229	LU02229 M.C.S. ENTRIES = ++PTF (LU02229) ADD DATABASE AND TABLESPACE OBJECT FILTERS FOR DDL REPORTING ENHANCEMENT DESCRIPTION: This enhancement for CA Log Analyzer for DB2 for z/OS gives the DDL report the ability to report only on databases and tablespaces (along with their related DB2 objects cascade to lower hierarchies) specified by the object filter. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 13611 Copyright (C) 2021 CA. All rights reserved. R01565-D200-SP1 DESC(ADD DATABASE AND TABLESPACE OBJECT FILTERS FOR DDL REPORTING). ++VER (Z038) FMID (CINSK00) PRE (LU00123 LU00131 LU00237 LU00254 LU00438 LU00643 LU00723 LU01039 LU01178 LU01384 LU01405 LU01978 R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004250 S004455 S005011 S006113 S006608 S006863 S007379 S007807 S008578 S008804 S008869 S009183 S009761 S009785 S010004 S010028 S010173 S010200 S010676 S011078 S011084 S011684 S011966 S012715 S014174 S014381 S014566 S014865 S015311 S015709 S015980) SUP (LT00701 LT02205 LT02229 ST12171 ST12714) ++IF FMID(CPLAK00) REQ(LU02230) . ++IF FMID(CPUTK00) REQ(LU02231) . ++HOLD (LU02229) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21215) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: </pre>

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

Service	Details
LU02230	LU02230 M.C.S. ENTRIES = ++PTF (LU02230) ADD DATABASE AND TABLESPACE OBJECT FILTERS FOR DDL REPORTING ENHANCEMENT DESCRIPTION: This enhancement for CA Log Analyzer for DB2 for z/OS gives the DDL report the ability to report only on databases and tablespaces (along with their related DB2 objects cascade to lower hierarchies) specified by the object filter. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 13611 Copyright (C) 2021 CA. All rights reserved. R01565-D200-SP1 DESC(ADD DATABASE AND TABLESPACE OBJECT FILTERS FOR DDL REPORTING). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00165 LU00238 LU00597 LU00672 LU00759 LU00882 LU00903 LU00940 LU01040 LU01043 LU01385 LU01538 LU01869 LU01950 LU01985 LU02062 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S006868 S007382 S007813 S008008 S008802 S008870 S009083 S009108 S009133 S009252 S009333 S010390 S010641 S010677 S011113 S011419 S011583 S011669 S011782 S011809 S011969 S012173 S012364 S012487 S012654 S012763 S012797 S012889 S012900 S012935 S013009 S013625 S013879 S014137 S014613 S014866 S015064 S015220 S015456 S015895) SUP (AC13695 AS14137 LT01415 LT02199 LT02213 LT02230 LU01415 LU02213 S013718 S014142 S014452 S014949 ST13718 ST14142 ST14452 ST14924 ST14949) ++IF FMID(CPUTK00) REQ(LU02231) . ++IF FMID(CINSK00) REQ(LU02229) . ++HOLD (LU02230) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (21215) COMMENT (<pre> +-----+ CA Log Analyzer for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * </pre>

Service	Details																								
	***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. IMPORTANT! If CA SYSVIEW for DB2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors. <table> <tr> <td>CA Log Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <table> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> </table> <table> <tr> <td>PURPOSE</td><td>Bind Plans and Packages</td></tr> </table> <table> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Users</td></tr> </table> <table> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>CA DB2 Tools Post Install Customization.</td></tr> </table> <table> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND, SYSADM or SYSCNTL on DB2 subsystem.</td></tr> </table> ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). ++HOLD (LU02230) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (21215) COMMENT (<table> <tr> <td>CA Log Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> <table> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> </table> <table> <tr> <td>PURPOSE</td><td>Relink XMESSAGES</td></tr> </table>	CA Log Analyzer for DB2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization.	ACCESS	1. CA DB2 Tools Post Install	REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.	CA Log Analyzer for DB2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Relink XMESSAGES
CA Log Analyzer for DB2 for z/OS	Version 20.0																								
SEQUENCE	After Apply																								
PURPOSE	Bind Plans and Packages																								
USERS																									
AFFECTED	All Users																								
KNOWLEDGE																									
REQUIRED	CA DB2 Tools Post Install Customization.																								
ACCESS	1. CA DB2 Tools Post Install																								
REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.																								
CA Log Analyzer for DB2 for z/OS	Version 20.0																								
SEQUENCE	After Apply																								
PURPOSE	Relink XMESSAGES																								

Service	Details
	<pre> +-----+-----+ 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
LU02231	LU02231 M.C.S. ENTRIES = ++PTF (LU02231) ADD DATABASE AND TABLESPACE OBJECT FILTERS FOR DDL REPORTING ENHANCEMENT DESCRIPTION: This enhancement for CA Log Analyzer for DB2 for z/OS gives the DDL report the ability to report only on databases and tablespaces (along with their related DB2 objects cascade to lower hierarchies) specified by the object filter. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 13611 Copyright (C) 2021 CA. All rights reserved. R01565-D200-SP1 DESC(ADD DATABASE AND TABLESPACE OBJECT FILTERS FOR DDL REPORTING). ++VER (Z038) FMID (CPUTK00) PRE (R096590 S001411 S004469 S007820 S008803 S008871 S014567) SUP (LT02206 LT02231) ++IF FMID(CPLAK00) REQ(LU02230) . ++IF FMID(CINSK00) REQ(LU02229) .

Service	Details
LU02242	LU02242 M.C.S. ENTRIES = ++PTF (LU02242) USER ABEND U0724 IN PXMZMS PROBLEM DESCRIPTION: The CA Execution Manager "Xmanager" for DB2 for z/OS (PXM) may take a user abend 724 (2D4) when valid parameters are passed to the message manager, but fail validation in error. SYMPTOMS: Informative messages meant to be seen in the Xmanager log are lost when the messaging request results in a user abend 724 (2D4). IMPACT: Messaging requests fail. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PXM 14108 Copyright (C) 2021 CA. All rights reserved. R01566-D200-SP1 DESC(USER ABEND U0724 IN PXMZMS). ++VER (Z038) FMID (CINSK00) PRE (LU01648 LU01978 S004455 S006863 S007552 S013717) SUP (LT02242 ST07332) ++HOLD (LU02242) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21235) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. </pre>)

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

Service	Details
LU02243	LU02243 M.C.S. ENTRIES = ++PTF (LU02243) HARNESS IBM WHEN DATA-AVAILABLE CRITICAL AND LOADING LOBS ENHANCEMENT DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) has been enhanced to support online loads to LOB columns when SWITCH-TO-IBM YES is specified in hlq.CDBAPARM(UTIL). Specify a global RESUME YES and DATA-AVAILABLE CRITICAL to perform an online load on tables that contains LOB columns. If the input data set is in variable-length, blocked, spanned (VBS) format, the LOB fields must be specified at the end of the field specification list. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 13753 Copyright (C) 2021 CA. All rights reserved. R01567-D200-SP1 DESC(HARNESS IBM WHEN DATA-AVAILABLE CRITICAL AND LOADING LOBS). ++VER (Z038) FMID (CPFLK00) PRE (LU00136 LU00178 LU00247 LU00301 LU00724 LU00983 LU01349 LU01720 R096581 R097708 S000018 S000704 S001401 S001656 S004275 S004459 S004857 S005012 S005502 S006117 S007170 S007811 S008071 S008378 S008428 S009024 S009977 S010195 S010752 S011107 S011431 S011601 S011846 S011946 S011996 S012107 S012128 S012150 S012275 S012526 S012984 S013066 S013097 S013150 S013203 S013706 S013765 S014031 S014772 S015015 S015235 S015312 S015484 S015738 S015938 S016089) SUP (LT01909 LT02243 ST11056 ST13122 ST15157 ST15281 ST15288) ++HOLD (LU02243) SYSTEM FMID(CPFLK00) REASON (MSGSKEL) DATE (21214) COMMENT (+-----+ 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.

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

Service	Details
LU02258	LU02258 M.C.S. ENTRIES = ++PTF (LU02258) SOC4-3B IN UTLGLIOE+142 PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) may abend with SOC4-3B code in module UTLGLIOE at offset x'142'. SYMPTOMS: The following messages are printed in the PTIMSG output: PFL3019E - ESTAE intercepted in CSECT FLAUTS1 - ABEND code X'840C4000' PFL0206E - FASTLOAD application did not complete successfully PFL0207E - T_Space Task ECB: X'000C4000' Return Code: X'00000004' PFL2104E - CSECT: FLAUIX4 Abended, Code: X'0013E000' - ESTAE Intercepted PFL2104E - CSECT: FLAUIX4 Abended, Code: X'0013E000' - ESTAE Intercepted PFL0212E - Data sets did not load successfully And a symptom dump similar to the following is printed in JESMSG LG: SYSTEM COMPLETION CODE=0C4 REASON CODE=0000003B TIME=22.04.52 SEQ=57959 CPU=0000 ASID=03CA PSW AT TIME OF ERROR 078C0001 99C5A87A ILC 4 INTC 3B ACTIVE MODULE ADDRESS=00000000_19C5A738 OFFSET=00000142 NAME=UTLGLIOE DATA AT PSW 19C5A874 - 0001A744 004659F0 200CA724 AR/GR 0: 00AF854C/00000000_00000003 1: 00000000/00000000_19DCC998 2: 00000000/00000050_19C3C278 3: 00000000/00000000_19C7CE7C 4: 00000000/00000000_1A4F100A 5: 00000000/00000000_19DCC998 6: 00000000/00000000_19CDCD74 7: 00000000/00000000_19CDC5C8 8: 00000000/00000000_19CD3030 9: 00000000/00000000_19CDC5C8 A: 00000000/00000000_19A37670 B: 00000000/00000000_00000031 C: 00000000/00000000_19C5A738 D: 00000000/00000000_19DCC0B0 E: 00000000/00000000_19CB1BA4 F: 00000001/00000000_00000001 IMPACT: The job terminates. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 14349 Copyright (C) 2021 CA. All rights reserved. R01568-D200-SP1 DESC(SOC4-3B IN UTLGLIOE+142). ++VER (Z038) FMID (CPFLK00) PRE (LU00178 LU00436 LU01379 LU01720 S000018 S000704 S005012 S009977 S011325 S011601 S011846 S011996 S012150 S013066 S013175 S014031 S014772 S015015 S015484 S015738 S016089) SUP (AS14772 LT02258 S015771 ST15771)

Service	Details
LU02271	LU02271 M.C.S. ENTRIES = ++PTF (LU02271) CREATE USER FRIENDLY FORMAT FOR EMPTY STRING PERCENTAGES PROBLEM DESCRIPTION: When the INDB2_TIME and/or INDB2_CPU time values are all zeros their corresponding percentage field value is an empty string. SYMPTOMS: The ISPF panels displays an empty string instead of the .00% value representing zero INDB2_TIME and/or INDB2_CPU time values. IMPACT: Usability issue. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14256 Copyright (C) 2021 CA. All rights reserved. R01570-D200-SP1 DESC(CREATE USER FRIENDLY FORMAT FOR EMPTY STRING PERCENTAGES). ++VER (Z038) FMID (CPDTK00) PRE (LU01982 LU02132 R096168 R097707 R099556 S001400 S004458 S006116 S012652 S013987 S014299 S014860 S016174) SUP (LT02271 S006237 ST06237)

Service	Details
LU02286	LU02286 M.C.S. ENTRIES = ++PTF (LU02286) GETPAGE HEX ZEROS RUNNING PDTBATCH FORMAT=SUMMARY PROBLEM DESCRIPTION: In CA Detector for Db2 for z/OS (PDT), running a PDTBATCH job with FORMAT=SUMMARY populates the GETPAGE field with hex zeroes. SYMPTOMS: The output of the GETPAGE column displays as 10 periods with no data. IMPACT: The GETPAGE data is missing. CIRCUMVENTION: Creating a report with FORMAT=DETAIL gives the correct GETPAGE data. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14290 Copyright (C) 2021 CA. All rights reserved. R01572-D200-SP1 DESC(GETPAGE HEX ZEROS RUNNING PDTBATCH FORMAT=SUMMARY). ++VER (Z038) FMID (CPDTK00) PRE (LU01982 LU02271 R096168 R099556 S001400 S004458 S006116 S012652 S013987 S014299 S014860 S016174) SUP (LT02286 S006237 ST06237)

Service	Details		
LU02290	LU02290 M.C.S. ENTRIES = ++PTF (LU02290)		
	INFLATED CPU WITH GETPAGES FOR COMMIT FOR SPECIFIC PROGRAM		
	PROBLEM DESCRIPTION:		
	CA Detector for DB2 for z/OS (PDT) may erroneously attribute commit statistics to DSQJTMGT (an IBM QMF program) instead of to the correct program. When this occurs, high CPU usage and a large number of getpages may also occur.		
	SYMPTOMS:		
	Commit statistics are attributed to DSQJTMGT instead of to the correct program.		
	IMPACT:		
	Commit statistics may be wrong.		
	CIRCUMVENTION:		
	None.		
	PRODUCT(S) AFFECTED:		
	CA Detector for DB2 for z/OS	Version 20.0	
	Related Problem:		
	PDT 13820		
	Copyright (C) 2021 CA. All rights reserved. R01573-D200-SP1		
	DESC(INFLATED CPU WITH GETPAGES FOR COMMIT FOR SPECIFIC PROGRAM).		
	++VER (Z038)		
	FMID (CPDTK00)		
	PRE (LU00402 LU00549 LU01002 LU01542 R096168 R096580		
	R097707 R098429 R099556 S000263 S003942 S004458		
	S004757 S006116 S006334 S006865 S007810 S007988		
	S008129 S008323 S008789 S009065 S010018 S010538		
	S010908 S011694 S011983 S012538 S012921 S013889		
	S014338)		
	SUP (AL01542 AS06334 AS08129 AS13450 AS16113 CL01542		
	LT00240 LT00307 LT00329 LT00684 LT01214 LT01215		
	LT01393 LT01467 LT01903 LT01933 LT01956 LT02217		
	LT02220 LT02290 LU00240 LU00329 LU00684 LU01215		
	LU01393 LU01467 LU01933 LU02220 R099946 S000423		
	S006838 S008446 S009828 S010492 S010652 S013450		
	S013655 S014680 S015843 S015927 S016113 ST00423		
	ST06838 ST07988 ST08446 ST09828 ST10492 ST10652		
	ST13450 ST13655 ST14680 ST15843 ST15927 ST16113		
	TR99946)		
	++HOLD (LU02290) SYSTEM FMID(CPDTK00)		
	REASON (RESTART) DATE (21216)		
	COMMENT (		
	+-----		

Service	Details
	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
LU02303	LU02303 M.C.S. ENTRIES = ++PTF (LU02303) AGGREGATED ACCOUNTING FOR A DATA SHARING GROUP ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) now includes real-time reports that show accounting statistics aggregated by connection type for a data sharing group. The following requests are introduced: CSACCTSG: Displays the overview of accounting statistics that are aggregated by connection type and for all connection types together summarized across the members of a data sharing group. CSACCTDG: Displays the detailed accounting statistics aggregated for the selected connection type across all members of a data sharing group. CSACCTSL: Displays the accounting statistics aggregated for the selected connection type and split by group members. The CSACCTS request is updated to include the "DB2" column to report Db2 subsystem name from where the data came from. This column also serves as a filter to limit displayed information. The filter value is defaulted to the currently connected subsystem name. The system menu navigation is expanded to include new reports. Selecting the Data Sharing Group Summary ("*" row in the "DB2 Group Members" SYSPLEX report) now navigates to the other two menu choices: 1. "SnapShot" GRPSTATS report (original) 2. "Acct Sum" CSACCTSG report (new) PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14179 Copyright (C) 2021 CA. All rights reserved. R01574-D200-SP1 DESC(AGGREGATED ACCOUNTING FOR A DATA SHARING GROUP). ++VER (Z038) FMID (CIDBK00) PRE (LU00246 LU00427 LU01041 LU01100 LU01166 LU01175 LU01750 LU01829 LU02096 LU02118 R096575 R097703 R099552 S001395 S004454 S006112 S006862 S006977 S007806 S008846 S010160 S011616 S011780 S012397 S012769 S013508 S013557 S013891 S014016 S014099 S014642 S014754 S015070 S015647 S015931 S016300) SUP (AL00246 LT00884 LT00964 LT01293 LT02303 LU00964 LU01293 ST05936) ++HOLD (LU02303) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (21216) COMMENT (+-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Both before Apply and after Apply +-----+ PURPOSE Introduce real-time reports that show accounting statistics aggregated by connection type for a

Service	Details
	data sharing group. Before the PTF applied: Selecting the Data Sharing Group Summary ("*" row in the "DB2 Group Members" SYSPLEx report) navigates to "System SnapShot" GRPSTATS report. After the PTF applied: System menu navigation is expanded to include new reports. Selecting the Data Sharing Group Summary ("*" row in the "DB2 Group Members" SYSPLEx report) now navigates to other two menu choices: 1. "SnapShot" GRPSTATS report (original) 2. "Acct Sum" CSACCTSG report (new) Note: If User Interface use the maintenance before the PTF applied and Data Collector use maintenance after the PTF applied the following message could occur in UI if you try to access menu option "2 Acct Sum": "PANEL DBGDSGAC NOT FOUND" +-----+ USERS The hold data are relevant for all customers who use AFFECTED CA SYSVIEW Performance Management Option for DB2 for z/OS. +-----+ KNOWLEDGE CA SYSVIEW Performance Management Option for DB2 for z/OS. REQUIRED +-----+ ACCESS CA SYSVIEW Performance Management Option for DB2 for z/OS. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1. To ensure there is no mismatch between the displayed and actual menu options, apply the maintenance to all systems. 2. If the maintenance can not be rolled out everywhere at the same time, apply the maintenance first to the libraries used to run the user interface.). CSECT(NCCDISPC,NCCDISPM) . CSECT(NGR0369C,NGR0369) .

Service	Details
LU02307	LU02307 M.C.S. ENTRIES = ++PTF (LU02307) PQC REFACTORING ENGINE 4 ENHANCEMENT DESCRIPTION: In CA Quick Copy for DB2 for z/OS (PQC), the code for opening data sets in full and incremental copies has been optimized to facilitate future enhancements. PRODUCT(S) AFFECTED: CA Quick Copy for DB2 for z/OS Version 20.0 Related Problem: PQC 14138 Copyright (C) 2021 CA. All rights reserved. R01575-D200-SP1 DESC(PQC REFACTORING ENGINE 4). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU01936 R099574 S000029 S000201 S001660 S004475 S005018 S006069 S006132 S006879 S007826 S008668 S009132 S009903 S011239 S015308 S015487 S015609 S016181) SUP (LT01893 LT02307 LU01893)

Service	Details
LU02325	LU02325 M.C.S. ENTRIES = ++PTF (LU02325) INCOMPLETE VALUES FOR PAGE LOCKS IN IDB2 ACCOUNTING DATA PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) IDB2 Accounting information (collected via SYSPARM HIST-ACCT-DETAIL=SQL or PDTSQL) may contain incomplete page lock data on screens HTIDBSUM and HTIDBLS. SYMPTOMS: The value for 'Max Page Locks' on HTIDBSUM may be too low, and values for individual page sets on HTIDBLS may be too low. IMPACT: Data is not as accurate as possible. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14439 Copyright (C) 2021 CA. All rights reserved. R01576-D200-SP1 DESC(INCOMPLETE VALUES FOR PAGE LOCKS IN IDB2 ACCOUNTING DATA). ++VER (Z038) FMID (CIDBK00) PRE (LU00299 LU00881 LU01977 R096575 R097703 R099552 S001395 S004454 S006112 S007806 S010160 S011977 S013891 S014016 S014642 S014843 S014923 S015049 S015254 S015931 S016200) SUP (LT02325 R097683 TR97683) CSECT(NUHSTLOM) .

Service	Details
LU02335	LU02335 M.C.S. ENTRIES = ++PTF (LU02335) SUPPORT FOR SYSREC PERVASIVE ENCRYPTION ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) has been enhanced to support pervasive encryption for sysrec data sets.This enhancement can prevent ineffective block sizes and potentially improve space allocation. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 13532 Copyright (C) 2021 CA. All rights reserved. R01578-D200-SP1 DESC(SUPPORT FOR SYSREC PERVASIVE ENCRYPTION) . ++VER (Z038) FMID (CPFUK00) PRE (S004460 S014984 S016195) SUP (LT02335)

Service	Details
LU02340	LU02340 M.C.S. ENTRIES = ++PTF (LU02340) EXCEPTION VARIABLES NOT PROPERLY POPULATED PROBLEM DESCRIPTION: Some exception variables are not properly populated by CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2). For real time application exceptions, the following OPS/MVS API or their corresponding SNMP/Email variables are not being populated, with this fix applied, they will be populated: API.COLLID - &COLLID API.PACKAGE - &PACKAGE API.PACKVER - &PACKVER API.SQLTEXT - SQL text in attachment API.TRUNCSQL - &SQLSTAT The following variables are populated in OPS/MVS API or SNMP/Email only when they are present in the exception message text. With this fix, they will be populated every time they are available for the given exception type: API.VALUE - &VALUE API.DBNAME - &DBNAME API.PAGESET - &PAGESET API.BPNAME/GBPNAME - &BP/&GBP SYMPTOMS: One or more exception variables are not populated. IMPACT: Some exception variables are not available in some cases. CIRCUMVENTION: Use IQL exception instead of application exception to have the previously mentioned OPS/MVS or Email variables available. Include the variable(s) in the message text to have the other mentioned variables available. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14036 Copyright (C) 2021 CA. All rights reserved. R01579-D200-SP1 DESC(EXCEPTION VARIABLES NOT PROPERLY POPULATED) . ++VER (Z038) FMID (CIDBK00) PRE (LU00282 LU00545 LU00697 LU01175 LU01977 LU02033 R096575 R099552 S000077 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S010160 S010906 S011616 S011977 S012536 S012769 S013508 S013557 S013891 S014099 S014754 S015070 S015254 S015647 S016300) SUP (LT00159 LT01513 LT01845 LT02340 LU00159 LU01513 LU01845 S009743 S014337 S016046 ST09743 ST14337 ST16046) CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXSSXC,AMXSSX) . CSECT (AMXSSXC,AMXSSX) . CSECT (AMXSSXC,AMXSSX) .

Service	Details
	CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) .
	CSECT (NGRABP2C,NGRABP2) .
	CSECT (NGRABP2C,NGRABP2) .
	CSECT (NGRABP2C,NGRABP2) .
	CSECT (NGRABP3C,NGRABP3) .
	CSECT (NGRABP3C,NGRABP3) .
	CSECT (NGRABP3C,NGRABP3) .
	CSECT (NSISQLCC,NSISQLCP) .
	CSECT (NSISQLCC,NSISQLCP) .
	CSECT (NSISQLCC,NSISQLCP) .

Service	Details
LU02345	LU02345 M.C.S. ENTRIES = ++PTF (LU02345) POST_INSTALL COMPRT STEP INCORRECTLY ISSUES DDL00081 MESSAGE PROBLEM DESCRIPTION: The COMPRT step of the CA Unicenter DB2 Tools Post-Install may issue DDL00081 message when the input DDL includes partitioned tablespace. SYMPTOMS: DDL00081: A TABLESPACE cannot be partitioned and segmented prior to DB2 version 9. IMPACT: The Post-Install task will fail, leaving the upgrade in an incomplete state. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 14471 Copyright (C) 2021 CA. All rights reserved. R01580-D200-SP1 DESC(POST_INSTALL COMPRT STEP INCORRECTLY ISSUES DDL00081 MESSAGE) . ++VER (Z038) FMID (CINSK00) PRE (LU00446 R099553 S000016 S001396 S007379 S008128 S009105 S011866 S011966 S012361 S012933 S014125 S014832 S015804 S016032) SUP (LT02345 S012042 S012249 ST12042 ST12249) CSECT(RMA\$CIMP,#@XFCALN) . CSECT(RMA\$CMAI,RMA\$CVT,@#EABLDL) . CSECT(RMA#MERG,#@XFCALN) .

Service	Details
LU02363	LU02363 M.C.S. ENTRIES = ++PTF (LU02363) RECOVERY ESTIMATOR WILL NOW DETECT DATA SHARING ENVIRONMENTS PROBLEM DESCRIPTION: When using the Recovery Estimator in a data sharing environment, point-in-time options such as 'TO-CURRENT', 'COPY LAST-COPY' or 'COPY LAST-FULL' use RBA values instead of LRSN values, which can cause log ranges to be incorrectly selected or ignored in the estimation process. SYMPTOMS: NONE IMPACT: The time estimations in the Recovery Estimator report are incorrect. CIRCUMVENTION: NONE PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 14309 Copyright (C) 2021 CA. All rights reserved. R01581-D200-SP1 DESC(RECOVERY ESTIMATOR WILL NOW DETECT DATA SHARING ENVIRONMENTS). ++VER (Z038) FMID (CINSK00) PRE (LU01178 LU01405 LU01673 LU02061 S015311 S015864) SUP (AL01405 LT00227 LT00559 LT01060 LT01643 LT01696 LT02117 LT02197 LT02363 LU00227 LU01696 LU02117 LU02197)

Service	Details																										
LU02381	LU02381 M.C.S. ENTRIES = ++PTF (LU02381) DML REPORT FINISHES WITH RC=8 AND MESSAGE LAE0366W PROBLEM DESCRIPTION: CA Log Analyzer for Db2 for z/OS (PLA) DML report may finish with return code 8 and message LAE0366W. This may happen when PLA reports over LOAD REPLACE utility. SYMPTOMS: Following message appears in a joblog: LAE0366W Row image from Load Log Yes utility indeterminate between BRF and RRF. TABLE: tbcrear.tbname RBA/LRSN: xxxxxxxxxxxxxxxxx IMPACT: Report output data are not well formatted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 14115 Copyright (C) 2021 CA. All rights reserved. R01582-D200-SP1 DESC(DML REPORT FINISHES WITH RC=8 AND MESSAGE LAE0366W) . ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00238 LU00597 LU00672 LU00759 LU00882 LU00903 LU00940 LU01040 LU01043 LU01180 LU01385 LU01538 LU01869 LU01950 LU02062 LU02230 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S004795 S006119 S006718 S006868 S007382 S007813 S008008 S008802 S008870 S009083 S009108 S009133 S009252 S009333 S010677 S011113 S011419 S011669 S011969 S012364 S012487 S012763 S012797 S012889 S012900 S012935 S013009 S013625 S013879 S014033 S014137 S014613 S014866 S015064 S015220 S015456 S016075) SUP (LT00480 LT02213 LT02381 LU00480 LU02213 S014142 S014949 S015531 ST14142 ST14924 ST14949 ST15531) ++HOLD (LU02381) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (21223) COMMENT (<table> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>CA Log Analyzer for DB2 for z/OS Version 20.0 </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>SEQUENCE After Apply </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>PURPOSE Relink XMESSAGES </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>USERS </td></tr> <tr> <td> </td><td>AFFECTED All CA DB2 Tools Users </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>KNOWLEDGE </td></tr> <tr> <td> </td><td>REQUIRED CA DB2 Tools Post Install Customization. </td></tr> <tr> <td>+</td><td>-----+</td></tr> </table>	+	-----+		CA 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.	+	-----+
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Service	Details
	<pre> ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). CSECT (LAA@DFLT,FLTDATA1,FLTDATA2) . CSECT (LAA@DOFS,#@XFCALR) . CSECT (LAA@FCC,ASUTAB) . CSECT (LAA@FCDR,LAA@FCTR) . CSECT (LAA@FCR,LAA@FCTR) . CSECT (LAA@FCS,ASUTAB) . CSECT (LAA@RDDS,#@XFCALN) . CSECT (LAA@RDML,#@XFCALN,LAIXMSG) . CSECT (LAA@RDMS,#@XFCALN,LAIXMSG) . CSECT (LAA@SQL,#@XFCALN) . </pre>

Service	Details
LU02383	LU02383 M.C.S. ENTRIES = ++PTF (LU02383) SDC2-16 WITH MANY ENCRYPTED DB2 DATA SETS PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may abend with SDC2-16 code when many encrypted DB2 data sets are unloaded. The following conditions can contribute to the problem: - Encrypted data sets. - Many DB2 data sets. - Compressed tablespace. - Multiple SELECT statements processed in parallel. SYMPTOMS: - SDC2-16 abend. - The following messages: <pre>IEA995I SYMPTOM DUMP OUTPUT 959 SYSTEM COMPLETION CODE=DC2 REASON CODE=4A001620 TIME=14.04.17 SEQ=12243 CPU=0000 ASID=01D4 PSW AT TIME OF ERROR 070C5000 81971C20 ILC 2 INTC 0D NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 01971C1A - 00181610 0A0DB24D 001CE31D GR 0: 84000000 1: 84DC2000 2: 00000000 3: 00000000 4: 00000000 5: 044DA000 6: 00F6FA00 7: 01DDA000 8: 00000000 9: 1E140C30 A: 00000000 B: 00000000 C: 01972E58 D: 1E142178 E: 1E142000 F: 4A001620 END OF SYMPTOM DUMP PFU0261I - TASK #01 -- MESSAGE DDNAME: PTIMSG01 -- MAX RC: SDC2 INCLUDES: REASON CODE: 4A001620 IMPACT: Processing fails. CIRCUMVENTION: One of: - Increase the MEMLIMIT. - Use SQL-ACCESS ONLY. - Split multiple SELECT statements into multiple PFU steps. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 14483 Copyright (C) 2021 CA. All rights reserved. R01583-D200-SP1 DESC(SDC2-16 WITH MANY ENCRYPTED DB2 DATA SETS). ++VER (Z038) FMID (CINSK00) PRE (LU00135 S000016 S004250 S004455 S005011 S006863 S008313 S010389 S011234) SUP (LT02383) CSECT(PTA@MMTE,#@XFCALR). </pre>

Service	Details
LU02385	LU02385 M.C.S. ENTRIES = ++PTF (LU02385) RECOVER INDEX SORTLOG NO - CODE=3099/3105 PROBLEM DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) may fail with user abend code 3099/3105 while recovering an index with SORTLOG NO. SYMPTOMS: User abend code 3099/3105 may occur in FRL@TASK. IMPACT: RECOVER INDEX with SORTLOG NO may abend. CIRCUMVENTION: Use SORTLOG YES while recovering an index. PRODUCT(S) AFFECTED: CA Fast Recover for DB2 for z/OS Version 20.00 Related Problem: PFR 14420 Copyright (C) 2021 CA. All rights reserved. R01584-D200-SP1 DESC(RECOVER INDEX SORTLOG NO - CODE=3099/3105). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 R096595 R099574 S000029 S000788 S001660 S001855 S004251 S004475 S006132 S006879 S008280 S009903 S012155 S012352 S013130 S014568) SUP (LT02385)

Service	Details
LU02387	LU02387 M.C.S. ENTRIES = ++PTF (LU02387) COMMON PART SPECIFICS NOT GENERATED AT GLOBAL LEVEL FORIX PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS(RCM), common partition specifications PTCFREE and STOGROUP are not generated at the global level for the index DDL in the alter strategy analysis output when the OFS parm card GENERATE_COMMON_PARTITION_SPECIFICATIONS_AT_GLOBAL_LEVEL is set to 'Y'. SYMPTOMS: PCTFREE clause is generated at all the partitions having a common value. IMPACT: DDL generated is improper in the analysis output. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS 20.0 Related Problem: OFS 14207 Copyright (C) 2021 CA. All rights reserved. R01585-D200-SP1 DESC(COMMON PART SPECIFICS NOT GENERATED AT GLOBAL LEVEL FORIX). ++VER (Z038) FMID (COFSK00) PRE (LU00531 R097705 R099554 S001397 S006114 S008435 S009106 S015225 S015440) SUP (LT02387)

Service	Details
LU02420	LU02420 M.C.S. ENTRIES = ++PTF (LU02420) ANALYSIS MAY BE IN LOOP WHEN USING UTILITY REBIND OPTION PROBLEM DESCRIPTION: When analyzing a strategy in CA RC/Migrator for Db2 for z/OS (RCM), a loop can occur when utility option REBIND(Y) is set, a foreign key is dropped, and a new foreign key is added using the same tables but reversing the child and parent tables. SYMPTOMS: Analysis may be running for ever. IMPACT: Customer may not be able to successfully analyze the strategy. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 14331 Copyright (C) 2021 CA. All rights reserved. R01587-D200-SP1 DESC(ANALYSIS MAY BE IN LOOP WHEN USING UTILITY REBIND OPTION). ++VER (Z038) FMID (CINSK00) PRE (LU00446 R096576 S001396 S004718 S006113 S007379 S007807 S009105 S011691 S011966 S012361 S012933 S015804) SUP (LT02420 ST05065)

Service	Details
LU02428	LU02428 M.C.S. ENTRIES = ++PTF (LU02428) CORRECT CHECKPOINT INTERVALS AND FIELD NAMES IN HELP PANELS PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) provides obsolete documentation and performance recommendation for Db2 system parameter CHKREQ (Checkpoint Frequency) in both, online panels and documentation. There is also a number of IQL field help panels with incorrect IQL field name inside the description. SYMPTOMS: Online helps and documentation refers to the obsolete parameter LOGLOAD (replaced by CHKREQ) and recommends high checkpoint frequency time. IMPACT: None. CIRCUMVENTION: Check Db2 documentation for valid Db2 system parameter description. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14334 Copyright (C) 2021 CA. All rights reserved. R01588-D200-SP1 DESC(CORRECT CHECKPOINT INTERVALS AND FIELD NAMES IN HELP PANELS). ++VER (Z038) FMID (CIDBK00) PRE (LU00545 LU01100 LU01175 LU02033 LU02096 LU02142 LU02303 R096575 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010405 S010716 S011616 S011780 S012769 S013557 S013891 S014099 S014754 S015070 S015647) SUP (LT02428)

Service	Details
LU02436	LU02436 M.C.S. ENTRIES = ++PTF (LU02436) UPDATE PBA BATCH REPORTS TO USE THE NEW VV.RR.MM VERSION STR ENHANCEMENT DESCRIPTION: CA Bind Analyzer for Db2 for z/OS (PBA) has been updated to show the new version string vv.rr.mm maintenance Level Set value. PRODUCT(S) AFFECTED: CA Bind Analyzer for DB2 for z/OS Version 20.0 Related Problem: PBA 14453 Copyright (C) 2021 CA. All rights reserved. R01589-D200-SP1 DESC(UPDATE PBA BATCH REPORTS TO USE THE NEW VV.RR.MM VERSION STR) . ++VER (Z038) FMID (CPPAK00) PRE (LU00646 S008451 S009787 S010278 S011768) SUP (LT02436 ST09784) ++IF FMID(CINSK00) REQ(LU00283) .

Service	Details				
LU02437	LU02437 M.C.S. ENTRIES = ++PTF (LU02437) LIMITKEY INFORMATION IS MISSING IN THE DDL OF TCP TABLE PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS(RCM), running a batch Automap to create a compare strategy abends with SOC4. The first 10 limitkey values are missing in the generated table-controlled partitioning table DDL of the migration analysis output causing the strategy to abend. SYMPTOMS: Strategy creation abends with SOC4. IMPACT: Strategy creation is not successful. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Migrator for Db2 for z/OS</td><td>20.0</td></tr> <tr> <td>RC/Query for Db2 for z/OS</td><td>20.0</td></tr> </table> Related Problem: OFS 14345 Copyright (C) 2021 CA. All rights reserved. R01590-D200-SP1 DESC(LIMITKEY INFORMATION IS MISSING IN THE DDL OF TCP TABLE). ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU01832 R096577 R097705 R099554 S001397 S004456 S006114 S006864 S008403 S011921 S015225 S015440 S015650) SUP (LT02437 S009647 S013781 ST04946 ST09467 ST09647 ST13781)	RC/Migrator for Db2 for z/OS	20.0	RC/Query for Db2 for z/OS	20.0
RC/Migrator for Db2 for z/OS	20.0				
RC/Query for Db2 for z/OS	20.0				

Service	Details
LU02439	LU02439 M.C.S. ENTRIES = ++PTF (LU02439) DATABASE EXCEPTIONS DO NOT GET RESET PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) database exceptions do not get reset after 'Time of Day to reset exception' specified in the definition. SYMPTOMS: A database exception does not get reset even after the time of day to reset it. Hence any action (like logging an exception or WTO) set for that exception will not be performed. IMPACT: User will not be able to reset a database exception. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14284 Copyright (C) 2021 CA. All rights reserved. R01591-D200-SP1 DESC (DATABASE EXCEPTIONS DO NOT GET RESET) . ++VER (Z038) FMID (CIDBK00) PRE (LU00282 LU00545 LU00697 LU01175 LU01977 LU02033 LU02340 R096575 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010906 S011616 S012769 S013557 S013891 S014099 S014754 S015070 S015647 S016300) SUP (LT02439) CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) .

Service	Details
LU02440	LU02440 M.C.S. ENTRIES = ++PTF (LU02440) SOC4 DUE TO PERVASIVE ENCRYPTION ENHANCEMENT PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may abend with SOC4 when using templates or a device other than disk for the SYSREC dataset. This problem was caused by changes related to the SYSREC dataset pervasive encryption feature(PTF:LU02335). SYMPTOMS: PFU will abend with SOC4 and a symptom dump with OFFSET=00003CFC and R1 :00000000/00000000 like the following one will be printed : PSW AT TIME OF ERROR 078C2000 80162D18 ILC 4 INTC 04 ACTIVE MODULE ADDRESS=00000000_00159000 OFFSET=00003CFC NAME=UTLFUFMT DATA AT PSW 0015CCF6 - 14145822 0004D200 D0FC2000 AR/GR 0: FFFFFFFF/00000018 1: 00000000/00000000 2: FFFFFFFF/02EC4000 3: FFFFFFFF/00163008 4: FFFFFFFF/3B1499A2 5: FFFFFFFF/BB043000 6: FFFFFFFF/3B15400C 7: FFFFFFFF/00000000 8: FFFFFFFF/3B08A000 9: FFFFFFFF/3B077000 A: FFFFFFFF/3B077000 B: FFFFFFFF/0015CB50 C: FFFFFFFF/80159000 D: FFFFFFFF/3B246400 E: 00000000/8015CCF0 F: 07000000/00000008 IMPACT: PFU will terminate with SOC4 and the unload will fail. CIRCUMVENTION: Use the disk device type for the SYSREC dataset. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 14495 Copyright (C) 2021 CA. All rights reserved. R01592-D200-SP1 DESC(SOC4 DUE TO PERVASIVE ENCRYPTION ENHANCEMENT). ++VER (Z038) FMID (CPFUK00) PRE (S000019 S004460 S013766 S014984 S016195) SUP (AL02335 LT02335 LT02440 LU02335)

Service	Details		
LU02455	LU02455 M.C.S. ENTRIES = ++PTF (LU02455) LISTDEF FOR MULTIPLE ACTION PROCEDURES AND UTILITY CODES ENHANCEMENT DESCRIPTION: CA Database Analyzer for Db2 for z/OS (PDA) now supports the use of LISTDEF to generate JCL to execute multiple utilities in the order that you specify. Each utility uses one or more steps in the generated action JCL to process the specified list (or lists) of objects. Previously, you could only select one utility code and tie one action procedure to an extract procedure to take advantage of LISTDEF statements. Now, you can select multiple utility codes in one action procedure, or can tie multiple action procedures (that include multiple utility codes) to an extract procedure. The Db2 Image Copy (IC), REORG (RO), and RUNSTATS (RS) utility codes are supported. In addition, the user application (US) utility code can be used to process all the selected tablespaces and indexes in one list. A new model member (MJULDUS) is provided to copy and customize for use with the user application utility code. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 13633 Copyright (C) 2021 CA. All rights reserved. R01594-D200-SP1 DESC(LISTDEF FOR MULTIPLE ACTION PROCEDURES AND UTILITY CODES). ++VER (Z038) FMID (CINSK00) PRE (LU00135 LU00145 LU00254 LU00890 LU01978 R096576 R097704 S000016 S001396 S005011 S009022 S009761 S010041 S011234 S013682 S014029 S014174 S014731) SUP (AS11234 LT02455 S008016 S010639 S013320 S015770 ST08016 ST10639 ST13320 ST15770) ++IF FMID(CPDAK00) REQ(LU02456) . ++HOLD (LU02455) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21238) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+</td></tr> </table>	+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+	
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Service	Details
	***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.). CSECT (RAASBLD,SBLDESTA,HKEYS,LKEYS,DERIVEDF) . CSECT (RAASIX2,OPENDB,OPENERR,COLLESTG,IDPKEYDP,IXDIRPAG,INITSTAT,HIGHVALS) . CSECT (RAASTB,SEGTBL04,SEGTBL08,SEGTBL16,SEGTBL32,SETSPM#,INVEDPRC,FSSMPLNG,GETDECOMP,COLLESTG,GETDCTN,SYSP_RTN,HEADRTN,GETSEQ,GETDIRP,OPENFILE,CLOSFILE,OPENDSPR,EXCPERR,EXCPGETB,MAPAUDT,PAGEAUDT,SPMSTATS,SEGROUND,INITSTAT,CHKPMASK,CHKSPMAP,PROCPREC,VREX#CE,RELOC) .

Service	Details														
LU02456	LU02456 M.C.S. ENTRIES = ++PTF (LU02456) LISTDEF FOR MULTIPLE ACTION PROCEDURES AND UTILITY CODES ENHANCEMENT DESCRIPTION: CA Database Analyzer for Db2 for z/OS (PDA) now supports the use of LISTDEF to generate JCL to execute multiple utilities in the order that you specify. Each utility uses one or more steps in the generated action JCL to process the specified list (or lists) of objects. Previously, you could only select one utility code and tie one action procedure to an extract procedure to take advantage of LISTDEF statements. Now, you can select multiple utility codes in one action procedure, or can tie multiple action procedures (that include multiple utility codes) to an extract procedure. The Db2 Image Copy (IC), REORG (RO), and RUNSTATS (RS) utility codes are supported. In addition, the user application (US) utility code can be used to process all the selected tablespaces and indexes in one list. A new model member (MJULDUS) is provided to copy and customize for use with the user application utility code. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 13633 Copyright (C) 2021 CA. All rights reserved. R01594-D200-SP1 DESC(LISTDEF FOR MULTIPLE ACTION PROCEDURES AND UTILITY CODES). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00256 LU00314 LU00381 LU00635 LU00891 LU01089 LU01626 LU01860 LU01981 LU02095 R096579 R099555 S000017 S001399 S004457 S004948 S006115 S007809 S009023 S009652 S009763 S010042 S011701 S013683 S014030 S014175 S014732 S015483 S016206) SUP (AL00146 AL00314 BL00146 LT00257 LT00475 LT01067 LT01126 LT01338 LT02194 LT02456 LU00257 LU00475 LU01126 LU01338 S004010 S013584 ST04010 ST05436 ST05467 ST05510 ST05806 ST05830 ST08903 ST09302 ST09328 ST13584 ST13913 ST15344 ST15357 TR99434) ++IF FMID(CINSK00) REQ(LU02455) . ++HOLD (LU02456) SYSTEM FMID(CPDAK00) REASON (DB2BIND) DATE (21238) COMMENT (<table border="1"> <tr> <td>CA Database Analyzer For DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Bind Plans and Packages</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>CA DB2 Tools Post Install Customization</td></tr> </table>	CA Database Analyzer For DB2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization
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REQUIRED	CA DB2 Tools Post Install Customization														

Service	Details
	<pre> ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. IMPORTANT! If CA SYSVIEW for DB2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). CSECT(RAAABL1,RATSYM,TABLE#) . CSECT(RAAACON,RATSYM) . CSECT(RAAAPL,DIALOG@) . CSECT(RAABPEX,RATSYM) . CSECT(RAACPL,WORKSECT,DIALOG@,DYNCOUNT) . CSECT(RAACUBI,GETIXPR2) . CSECT(RAADUDRV,RATSYM) . CSECT(RAAEPL,DIALOG@) . CSECT(RAAESMN,RATSYM) . CSECT(RAAMODG,RATSYM) . CSECT(RAAPDBD,RATSYM) . CSECT(RAAPDSP,CMDTABLE) . CSECT(RAAPSCN,WTOREGS,SET_U521) . CSECT(RAARBPB,RATRAQY) . CSECT(RAARBPD,RATRAQY) . CSECT(RAARPL,DIALOG@) . CSECT(RAARTOS,RATSYM) . CSECT(RAASMBD,RATSYM) . CSECT(RAAUBCD,RATSYM) . CSECT(RAAUBDU,RATSYM) . CSECT(RAAUBLD,RATSYM,CLBMODSN) . CSECT(RAAUBL2,RATSYM) . CSECT(RAAUBL3,RATSYM) . CSECT(RAaubPB,RATSYM) . CSECT(RAaubPM,RATSYM) . CSECT(RAAUSUB,RATSYM) . </pre>

Service	Details
LU02470	LU02470 M.C.S. ENTRIES = ++PTF (LU02470) SDC2-38 WITH NATIVE ACCESS, ORDER BY AND MOWRK PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may abend with system abend code DC2 and reason code 38 in DFSORT when the following conditions are true: - Native access is used (SQL-ACCESS NONE or EXTENSION). - ORDER BY is used. - DFSORT's MOWRK option is used (either through the installation default or the parameters DD). SYMPTOMS: - SDC2 abend with reason code 38. - The following messages: IEA995I SYMPTOM DUMP OUTPUT 641 SYSTEM COMPLETION CODE=DC2 REASON CODE=4A003820 TIME=12.57.33 SEQ=24873 CPU=0000 ASID=0042 PSW AT TIME OF ERROR 070C5000 81BABFB2 ILC 2 INTC 0D NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 01BABFAC - 00181610 0A0DB24D 001CE31D GR 0: 84000000 1: 84DC2000 2: 00000000 3: 00000000 4: 00000000 5: 028D5000 6: 0384EB1C 7: 01DD8100 8: 00000000 9: 031AFC30 A: 00000000 B: 00000000 C: 01BAD0E0 D: 031B1178 E: 031B1000 F: 4A003820 END OF SYMPTOM DUMP ICE185A 0 AN SDC2 ABEND WAS ISSUED BY DFSORT, ANOTHER PROGRAM OR AN EXIT PFU0186E - ERRORS UNLOADING. ORDER CLAUSE USED. CHECK ST01MSG/PTIMSG FOR CAUSES. RC: SDC2 IMPACT: Processing fails. CIRCUMVENTION: Specify one of the following: - SQL-ACCESS ONLY. - The following DFSORT parameter: //DFSPARM DD * OPTION NOMOWRK PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Related Problem: PFU 14494 Copyright (C) 2021 CA. All rights reserved. R01595-D200-SP1 DESC(SDC2-38 WITH NATIVE ACCESS, ORDER BY AND MOWRK). ++VER (Z038) FMID (CPFUK00) PRE (LU00137 LU00217 LU00886 LU02006 S000019 S001402 S001818 S004460 S005013 S006118 S006867 S007171 S008068 S008860 S009025 S010043 S011236 S011997 S012151 S014032 S014053 S014984 S016195)

Version 20.0

Service	Details
	SUP (LT02470 S009675 ST09675) CSECT (UTAFUULT,TROUBLE) .

Service	Details
LU02485	LU02485 M.C.S. ENTRIES = ++PTF (LU02485) SOC4 IN FLLUTS2 WITH BRF WHEN ZIIP YES IS SPECIFIED PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) abends at FLLUTS2+00000FDA with SOC4 code with BRW rows when ZIIP YES is specified. SYMPTOMS: - SOC4 abend in FLLUTS2. - The following messages: IEA995I SYMPTOM DUMP OUTPUT 109 SYSTEM COMPLETION CODE=0C4 REASON CODE=00000004 TIME=17.06.47 SEQ=44768 CPU=4008 ASID=0456 PSW AT TIME OF ERROR 078C2001 99CC6FDA ILC 2 INTC 04 ACTIVE MODULE ADDRESS=00000000_19CC6000 OFFSET=00000FDA NAME=FLLUTS2 DATA AT PSW 19CC6FD4 - 00131853 0E425040 D460E3E0 GR 0: 00000000 1: 1A9A1034 2: 0000064C 3: 0000062A 4: 1A9A0A0A 5: 0000062A 6: 19CF95E4 7: 00000000 8: 19CED030 9: 19CED030 A: 19CED5C0 B: 19DE6FD0 C: 19CC64C0 D: 19DE60C0 E: 00000000 F: 19C80EE4 END OF SYMPTOM DUMP PFL3019E - ESTAE intercepted in CSECT FLAUTS1 - ABEND code X'840C4000' PFL0206E - FASTLOAD application did not complete successfully PFL0207E - T_Space Task ECB: X'000C4000' Return Code: X'00000004' PFL2104E - CSECT: FLAUIX4 Abended, Code: X'0013E000' - ESTAE Intercepted IMPACT: Processing fails. CIRCUMVENTION: Specify ZIIP NO. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Related Problem: PFL 14526 Copyright (C) 2021 CA. All rights reserved. R01598-D200-SP1 DESC(SOC4 IN FLLUTS2 WITH BRW WHEN ZIIP YES IS SPECIFIED). ++VER (Z038) FMID (CPFLK00) PRE (LU00178 LU00436 LU01379 LU01720 S000018 S000704 S005012 S009977 S011325 S011601 S011846 S011996 S012150 S013066 S013175 S014031 S014772 S015015 S015484 S015738 S016089) SUP (AS14772 LT02258 LT02485 LU02258 S015771 ST15771)

Version 20.0

Service	Details
LU02492	LU02492 M.C.S. ENTRIES = ++PTF (LU02492) UPDATE PPA TO DISPLAY LEVEL SET VERSION_STRING ENHANCEMENT DESCRIPTION: CA Plan Analyzer for DB2 for z/OS (PPA) has been updated to show the new version string vv.rr.mm maintenance Level Set value. The new version string will only be displayed on the PPA and SQL-Ease main product panels. All other product panels will no longer display the version string. Additionally, all batch reports were updated to include the new product version string format in the report header. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 14069 Copyright (C) 2021 CA. All rights reserved. R01600-D200-SP1 DESC(UPDATE PPA TO DISPLAY LEVEL SET VERSION_STRING). ++VER (Z038) FMID (CINSK00) PRE (LU00283 LU00643 R096576 S000016 S011566) SUP (LT02449 LT02492) ++IF FMID(CPPAK00) REQ(LU02493) . CSECT(PSA#CVT,#@XFCALN) .

Service	Details
LU02493	LU02493 M.C.S. ENTRIES = ++PTF (LU02493) UPDATE PPA TO DISPLAY LEVEL SET VERSION_STRING ENHANCEMENT DESCRIPTION: CA Plan Analyzer for DB2 for z/OS (PPA) has been updated to show the new version string vv.rr.mm maintenance Level Set value. The new version string will only be displayed on the PPA and SQL-Ease main product panels. All other product panels will no longer display the version string. Additionally, all batch reports were updated to include the new product version string format in the report header. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 14069 Copyright (C) 2021 CA. All rights reserved. R01600-D200-SP1 DESC(UPDATE PPA TO DISPLAY LEVEL SET VERSION_STRING). ++VER (Z038) FMID (CPPAK00) PRE (LU00440 LU00646 LU01068 LU01551 LU01892 LU01986 R096584 R097710 S000021 S001404 S004462 S006120 S006869 S008581 S009862 S010000 S011567 S011810 S012068 S012655 S015691) SUP (LT01195 LT01236 LT02450 LT02493 TR97333 TR97335 TR97532) ++IF FMID(CINSK00) REQ(LU00283 LU02492) . CSECT(PPA\$MAIN,PPA\$CVT) . CSECT(PPA#CVT,#@XFCALN,BTCHCNTL) . CSECT(PPA@PRMP,CRDPLIST,PPA@@001,PPA@TBL,EXTURN,PPA@PRM9) .

Service	Details
LU02524	LU02524 M.C.S. ENTRIES = ++PTF (LU02524) PDT0216 DYNAMIC COLLECTION SOC4 ABEND PROBLEM DESCRIPTION: CA Detector for Db2 for z/OS (PDT) may set an offset for a host variable value that exceeds the storage area, resulting in the dynamic collection SOC4 abend. SYMPTOMS: The following message is issued in the Xmanager job log: PDT0216 DYNAMIC COLLECTION SOC4 ABEND INCURRED/TERMINATION FORCED IMPACT: None. The task recovers and continues execution. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14182 Copyright (C) 2021 CA. All rights reserved. R01602-D200-SP1 DESC(PDT0216 DYNAMIC COLLECTION SOC4 ABEND). ++VER (Z038) FMID (CPDTK00) SUP (LT02524) ++HOLD (LU02524) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21237) COMMENT (<pre> +-----+ CA Detector for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! </pre>

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

Service	Details
LU02529	LU02529 M.C.S. ENTRIES = ++PTF (LU02529) QUICK COPY REARCHITECTURE, PART 3 ENHANCEMENT DESCRIPTION: In CA Quick Copy for DB2 for z/OS (PQC), the code for generating incremental copies has been redesigned to facilitate future enhancements. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PQC 13967 Copyright (C) 2021 CA. All rights reserved. R01603-D200-SP1 DESC(QUICK COPY REARCHITECTURE, PART 3). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 R099574 S000029 S000201 S001660 S004475 S005018 S006069 S006132 S006879 S007826 S008668 S009132 S009903 S011239 S015487 S015609) SUP (CC06071 LT01665 LT01667 LT01893 LT01936 LT02307 LT02388 LT02529 LU01893 LU01936 LU02307 S015308 S016181 ST05104 ST15308 ST16181)

Service	Details
LU02554	LU02554 M.C.S. ENTRIES = ++PTF (LU02554) ENABLE DETECTOR COLLECTION FOR SQL IN AUTONOMOUS NSPS ENHANCEMENT DESCRIPTION: CA Detector for DB2 for z/OS (PDT) has been enhanced to collect data on SQL executed in autonomous native stored procedures. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 13911 Copyright (C) 2021 CA. All rights reserved. R01605-D200-SP1 DESC(ENABLE DETECTOR COLLECTION FOR SQL IN AUTONOMOUS NSPS). ++VER (Z038) FMID (CPDTK00) PRE (LU00402 LU00549 LU01002 LU01542 R096168 R096580 R097707 R098429 R099556 S000263 S001400 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S007988 S008129 S008323 S008789 S009065 S010018 S010538 S010908 S011694 S011983 S012538 S012921 S013889 S014267 S014338) SUP (AL01542 AS06334 AS08129 AS13450 AS16113 CL01542 LT00240 LT00307 LT00329 LT00684 LT01214 LT01215 LT01393 LT01467 LT01903 LT01933 LT01956 LT02217 LT02220 LT02290 LT02554 LU00240 LU00329 LU00684 LU01215 LU01393 LU01467 LU01933 LU02220 LU02290 R099946 S000423 S006838 S008446 S009828 S010492 S010652 S013450 S013655 S014680 S015843 S015927 S016113 ST00423 ST06838 ST07988 ST08446 ST09828 ST10492 ST10652 ST13450 ST13655 ST14680 ST15843 ST15927 ST16113 TR99946) ++HOLD (LU02554) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21243) COMMENT (<pre> +-----+ CA Detector for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * </pre>

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

Service	Details	
LU02564	LU02564 M.C.S. ENTRIES = ++PTF (LU02564) MISSING VERSION COLUMN IN MULTIPLE REPORTS PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ) the VERSION column is missing for reports that display package information. SYMPTOMS: The VERSION column is missing. This can occur even if customized reports have the column set to not be excluded. IMPACT: User cannot easily see package version information. CIRCUMVENTION: Perform a SHOW VERSION command to temporarily display the column. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 14595 Copyright (C) 2021 CA. All rights reserved. R01606-D200-SP1 DESC(MISSING VERSION COLUMN IN MULTIPLE REPORTS) . ++VER (Z038) FMID (CRCQK00) PRE (R099569 S001414 S006875 S015697) SUP (LT02564) CSECT(RQAAPK,RPTSVCSST) . CSECT(RQACLPK,RPTSVCSST) . CSECT(RQAISPK,RPTSVCSST) . CSECT(RQAPKDP,RPTSVCSST) . CSECT(RQAPKL,RPTSVCSST) . CSECT(RQARPK,RPTSVCSST) . CSECT(RQASPK,RPTSVCSST) . CSECT(RQATPK,RPTSVCSST) . CSECT(RQATSPK,RPTSVCSST) . CSECT(RQAVPK,RPTSVCSST) . MCS LU02095 STARTS ON PAGE 0002 MCS LU02116 STARTS ON PAGE 0004 MCS LU02118 STARTS ON PAGE 0005 MCS LU02119 STARTS ON PAGE 0009 MCS LU02166 STARTS ON PAGE 0010 MCS LU02212 STARTS ON PAGE 0011 MCS LU02229 STARTS ON PAGE 0012 MCS LU02230 STARTS ON PAGE 0014 MCS LU02231 STARTS ON PAGE 0024 MCS LU02242 STARTS ON PAGE 0025 MCS LU02243 STARTS ON PAGE 0026 MCS LU02258 STARTS ON PAGE 0029 MCS LU02271 STARTS ON PAGE 0030 MCS LU02286 STARTS ON PAGE 0031 MCS LU02290 STARTS ON PAGE 0032 MCS LU02303 STARTS ON PAGE 0034	

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	MCS	LU02335	STARTS ON PAGE 0038
	MCS	LU02340	STARTS ON PAGE 0038
	MCS	LU02345	STARTS ON PAGE 0040
	MCS	LU02363	STARTS ON PAGE 0041
	MCS	LU02381	STARTS ON PAGE 0043
	MCS	LU02383	STARTS ON PAGE 0046
	MCS	LU02385	STARTS ON PAGE 0047
	MCS	LU02387	STARTS ON PAGE 0048
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DB2 Tools 20.0
CA RS 2109 Product/Component Listing

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Product Family	Product	Release
Database	CA BIND ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA DATABASE ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS BASE INSTALL	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS OBJECT FRAMEWORK SERVICES	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS UI SERVICES	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITIES COMMON	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITY GENERAL RECOVERY	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITY SORT SERVICE	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS XNET COMMUNICATIONS SERVER	20.00.00
	CA DBM SOLUTIONS SNAPSHOT GENERAL SERVICES	20.00.00
	CA DETECTOR FOR DB2 FOR Z/OS	20.00.00
	CA ENDEVOR SOFTWARE CHANGE MANAGER INTERFACE FOR DB2	20.00.00
	CA FAST LOAD FOR DB2 FOR Z/OS	20.00.00
	CA FAST UNLOAD FOR DB2 FOR Z/OS	20.00.00
	CA LOG ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA PLAN ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA RAPID REORG FOR DB2 FOR Z/OS	20.00.00
	CA RC/EXTRACT FOR DB2 FOR Z/OS	20.00.00
	CA RC/MIGRATOR FOR DB2 FOR Z/OS	20.00.00
	CA RC/QUERY FOR DB2 FOR Z/OS	20.00.00
	CA RC/SECURE FOR DB2 FOR Z/OS	20.00.00
	CA RC/UPDATE FOR DB2 FOR Z/OS	20.00.00
	CA RECOVERY ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA REPORT FACILITY FOR TSO	20.00.00
	CA SUBSYSTEM ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA SYSVIEW PERFORMANCE MANAGEMENT OPTION FOR DB2 FOR Z/OS	20.00.00
	CA COMMON SQL SERVICES FOR DB2 FOR Z/OS	01.00.00

The CA RS 2109 Product/Component Count for this release is 27

CA RS Level	Service	FMID
CAR2109	LU02564	CRCQK00
	LU02554	CPDTK00
	LU02529	CUGRK00
	LU02524	CPDTK00
	LU02493	CPPAK00
	LU02492	CINSK00
	LU02485	CPFLK00
	LU02470	CPFUK00
	LU02456	CPDAK00
	LU02455	CINSK00
	LU02440	CPFUK00
	LU02439	CIDBK00
	LU02437	COFSK00
	LU02436	CPPAK00
	LU02428	CIDBK00
	LU02420	CINSK00
	LU02387	COFSK00
	LU02385	CUGRK00
	LU02383	CINSK00
	LU02381	CPLAK00
	LU02363	CINSK00
	LU02345	CINSK00
	LU02340	CIDBK00
	LU02335	CPFUK00
	LU02325	CIDBK00
	LU02307	CUGRK00
	LU02303	CIDBK00
	LU02290	CPDTK00
	LU02286	CPDTK00
	LU02271	CPDTK00
	LU02258	CPFLK00
	LU02243	CPFLK00
	LU02242	CINSK00
	LU02231	CPUTK00
	LU02230	CPLAK00
	LU02229	CINSK00
	LU02212	CINSK00
	LU02166	CINSK00
	LU02119	CTGRK00
	LU02118	CIDBK00
	LU02116	CINSK00
	LU02095	CPDAK00
CAR2108	LU02220	CPDTK00
	LU02213	CPLAK00
	LU02211	CRCUK00
	LU02197	CINSK00
	LU02164	CINSK00

CA RS Level	Service	FMID
	LU02143	CUTSK00
	LU02142	CIDBK00
	LU02133	CPSAK00
	LU02132	CPDTK00
	LU02131	CINSK00
	LU02124	CINSK00
	LU02117	CINSK00
	LU02108	CPDTK00
	LU02096	CIDBK00
	LU02093	CIDBK00
	LU02062	CPLAK00
	LU02061	CINSK00
	LU02053	CINSK00
	LU02048	CUGRK00
	LU02033	CIDBK00
	LU02031	CIDBK00
	LU02030	CRCQK00
	LU02029	CINSK00
	LU02008	CPFLK00
	LU02007	CPUTK00
	LU02006	CPFUK00
	LU02005	CINSK00
	LU01999	CINSK00
	LU01998	CUGRK00
	LU01997	CTGRK00
	LU01996	CRCXK00
	LU01995	CRCUK00
	LU01994	CRCSK00
	LU01993	CRCQK00
	LU01992	CPXNK00
	LU01991	CPUTK00
	LU01990	CPSAK00
	LU01989	CPRRK00
	LU01988	CPRFK00
	LU01987	CPRAK00
	LU01986	CPPAK00
	LU01985	CPLAK00
	LU01984	CPFUK00
	LU01983	CPFLK00
	LU01982	CPDTK00
	LU01981	CPDAK00
	LU01980	CPBAK00
	LU01979	COFSK00
	LU01978	CINSK00
	LU01977	CIDBK00
	LU01975	CAHOK00
	LU01958	CINSK00

CA RS Level	Service	FMID
	LU01950	CPLAK00
	LU01949	CINSK00
	LU01944	CRCXK00
	LU01939	CPFUK00
	LU01937	COFSK00
	LU01936	CUGRK00
	LU01934	CINSK00
	LU01933	CPDTK00
	LU01930	CPUTK00
	LU01927	CINSK00
	LU01922	CINSK00
	LU01845	CIDBK00
	LU01832	COFSK00
	LU01784	CINSK00
	LU01290	CINSK00
CAR2107	LU01893	CUGRK00
	LU01892	CPPAK00
	LU01891	CINSK00
	LU01869	CPLAK00
	LU01860	CPDAK00
	LU01841	CPDTK00
	LU01837	CINSK00
	LU01829	CIDBK00
	LU01799	CPDTK00
	LU01760	CINSK00
	LU01757	CINSK00
	LU01750	CIDBK00
	LU01732	CPSAK00
	LU01727	CPFUK00
	LU01720	CPFLK00
	LU01717	CUGRK00
	LU01706	CRCQK00
	LU01705	CINSK00
	LU01696	CINSK00
	LU01695	CPRAK00
	LU01694	CINSK00
	LU01683	CINSK00
	LU01673	CINSK00
	LU01666	CIDBK00
	LU01648	CINSK00
	LU01626	CPDAK00
	LU01625	CINSK00
	LU01610	CINSK00
	LU01581	CIDBK00
	LU01575	CINSK00
	LU01556	CIDBK00
	LU01551	CPPAK00

CA RS Level	Service	FMID
	LU01550	CINSK00
	LU01543	CPSAK00
	LU01542	CPDTK00
	LU01541	CIDBK00
	LU01538	CPLAK00
	LU01534	CUGRK00
	LU01526	CINSK00
	LU01525	CIDBK00
	LU01513	CIDBK00
	LU01508	CINSK00
	LU01405	CINSK00
	LU01362	CINSK00
	LU01357	CINSK00
CAR2106	LU01494	CINSK00
	LU01467	CPDTK00
	LU01432	CSQ2100
	LU01415	CPLAK00
	LU01410	CRCQK00
	LU01396	CPDTK00
	LU01393	CPDTK00
	LU01385	CPLAK00
	LU01384	CINSK00
	LU01380	CPUTK00
	LU01379	CPFLK00
	LU01378	CINSK00
	LU01376	CINSK00
	LU01367	CINSK00
	LU01352	CPUTK00
	LU01351	CPRRK00
	LU01350	CPFUK00
	LU01349	CPFLK00
	LU01338	CPDAK00
	LU01330	CRCQK00
	LU01321	CPRFK00
	LU01311	CPFUK00
	LU01293	CIDBK00
	LU01292	CUGRK00
	LU01291	CPUTK00
	LU01286	CINSK00
	LU01275	CINSK00
	LU01265	CINSK00
	LU01222	COFSK00
	LU01215	CPDTK00
	LU01208	CRCQK00
	LU01182	CUGRK00
	LU01181	CPRAK00
	LU01180	CPLAK00

CA RS Level	Service	FMID
	LU01179	COFSK00
	LU01178	CINSK00
	LU01175	CIDBK00
	LU01166	CIDBK00
	LU01165	CPFUK00
	LU01164	CIDBK00
	LU01151	CINSK00
	LU01135	CUGRK00
	LU01127	CUGRK00
	LU01122	COFSK00
	LU01121	CINSK00
	LU01118	CINSK00
	LU01107	COFSK00
	LU01106	CINSK00
	LU01102	CPRFK00
	LU01089	CPDAK00
	LU01043	CPLAK00
	LU00983	CPFLK00
CAR2105	LU01126	CPDAK00
	LU01100	CIDBK00
	LU01068	CPPAK00
	LU01056	CINSK00
	LU01053	COFSK00
	LU01042	CIDBK00
	LU01041	CIDBK00
	LU01040	CPLAK00
	LU01039	CINSK00
	LU01035	CIDBK00
	LU01030	CIDBK00
	LU01002	CPDTK00
	LU00989	CINSK00
	LU00982	CIDBK00
	LU00973	CUGRK00
	LU00968	CINSK00
	LU00964	CIDBK00
	LU00940	CPLAK00
	LU00938	CPDTK00
	LU00937	CINSK00
	LU00925	CINSK00
	LU00923	CPUTK00
	LU00921	CINSK00
	LU00914	CINSK00
	LU00903	CPLAK00
	LU00891	CPDAK00
	LU00890	CINSK00
	LU00887	CPUTK00
	LU00886	CPFUK00

CA RS Level	Service	FMID
	LU00882	CPLAK00
	LU00881	CIDBK00
	LU00863	CPFUK00
	LU00859	CPSAK00
	LU00858	CPDTK00
	LU00847	CINSK00
	LU00839	CINSK00
	LU00795	CUGRK00
	LU00794	CINSK00
	LU00769	CRCXK00
	LU00768	CPDTK00
	LU00759	CPLAK00
	LU00698	CINSK00
	LU00697	CIDBK00
	LU00678	CINSK00
	LU00592	CINSK00
	LU00581	CPRFK00
CAR2104	LU00728	CUGRK00
	LU00727	CPUTK00
	LU00726	CPRRK00
	LU00725	CPLAK00
	LU00724	CPFLK00
	LU00723	CINSK00
	LU00689	CUGRK00
	LU00684	CPDTK00
	LU00672	CPLAK00
	LU00659	CSQ2100
	LU00646	CPPAK00
	LU00645	CPBAK00
	LU00644	COFSK00
	LU00643	CINSK00
	LU00639	CINSK00
	LU00635	CPDAK00
	LU00613	CINSK00
	LU00597	CPLAK00
	LU00576	CPSAK00
	LU00568	CINSK00
	LU00565	CSQ2100
	LU00549	CPDTK00
	LU00545	CIDBK00
	LU00532	CRCQK00
	LU00531	COFSK00
	LU00530	CINSK00
	LU00524	CPDTK00
	LU00523	CINSK00
	LU00511	CRCUK00
	LU00510	CINSK00

CA RS Level	Service	FMID
	LU00509	CINSK00
	LU00508	CINSK00
	LU00500	CPSAK00
	LU00480	CPLAK00
	LU00475	CPDAK00
	LU00452	CPRRK00
	LU00450	CRCXK00
	LU00449	CRCUK00
	LU00448	CRCMK00
	LU00447	CPFUK00
	LU00446	CINSK00
	LU00440	CPPAK00
	LU00439	CPBAK00
	LU00438	CINSK00
	LU00437	CPUTK00
	LU00436	CPFLK00
	LU00435	CINSK00
	LU00434	CIDBK00
	LU00433	CRCUK00
	LU00432	CINSK00
	LU00427	CIDBK00
	LU00426	CINSK00
	LU00413	CRCQK00
	LU00412	CINSK00
	LU00411	CRCXK00
	LU00402	CPDTK00
	LU00400	CPRFK00
	LU00399	CINSK00
	LU00381	CPDAK00
	LU00368	CINSK00
	LU00359	CINSK00
	LU00342	CRCXK00
	LU00341	CRCUK00
	LU00340	CRCSK00
	LU00339	CRCQK00
	LU00338	CRCMK00
	LU00337	CPUTK00
	LU00336	CPRAK00
	LU00335	CPLAK00
	LU00334	CPDTK00
	LU00333	CPDAK00
	LU00332	CINSK00
	LU00331	CIDBK00
	LU00330	CAHOK00
	LU00314	CPDAK00
	LU00304	CPUTK00
	LU00303	CPRRK00

CA RS Level	Service	FMID
	LU00302	CPFUK00
	LU00301	CPFLK00
	LU00299	CIDBK00
	LU00283	CINSK00
	LU00277	CINSK00
	LU00275	CUGRK00
	LU00177	CPUTK00
CAR2103	SO16295	CIDBK00
	SO15817	CUGRK00
	SO14357	CIDBK00
	SO13729	CRCQK00
	LU00356	CPLAK00
	LU00329	CPDTK00
	LU00282	CIDBK00
	LU00281	CPFUK00
	LU00257	CPDAK00
	LU00256	CPDAK00
	LU00254	CINSK00
	LU00253	CIDBK00
	LU00250	CPRFK00
	LU00248	CPUTK00
	LU00247	CPFLK00
	LU00246	CIDBK00
	LU00242	CINSK00
	LU00240	CPDTK00
	LU00238	CPLAK00
	LU00237	CINSK00
	LU00227	CINSK00
	LU00217	CPFUK00
	LU00216	CINSK00
	LU00207	CPRFK00
	LU00194	CPUTK00
	LU00178	CPFLK00
	LU00176	CPDTK00
	LU00165	CPLAK00
	LU00162	CINSK00
	LU00159	CIDBK00
	LU00152	CUGRK00
	LU00147	CRCQK00
	LU00146	CPDAK00
	LU00145	CINSK00
	LU00141	CUGRK00
	LU00140	CPUTK00
	LU00139	CPRRK00
	LU00138	CPLAK00
	LU00137	CPFUK00
	LU00136	CPFLK00

CA RS Level	Service	FMID
	LU00135	CINSK00
	LU00134	CIDBK00
	LU00133	CPUTK00
	LU00132	CPLAK00
	LU00131	CINSK00
	LU00127	CINSK00
	LU00124	CPDTK00
	LU00123	CINSK00
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	S016217	CPUTK00
	S016206	CPDAK00
	S016205	CINSK00
	S016200	CIDBK00
	S016195	CPFUK00
	S016194	CINSK00
	S016183	CINSK00
	S016181	CUGRK00
	S016176	CINSK00
	S016175	CPSAK00
	S016174	CPDTK00
	S016173	CINSK00
	S016165	CPRFK00
	S016160	CPRRK00
	S016149	CPRFK00
	S016133	COFSK00
	S016132	CINSK00
	S016116	CIDBK00
	S016113	CPDTK00
	S016107	CIDBK00
	S016090	CPUTK00
	S016089	CPFLK00
	S016088	CINSK00
	S016075	CPLAK00
	S016071	CRCQK00
	S016067	CINSK00
	S016057	CIDBK00
	S016053	CINSK00
	S016046	CIDBK00
	S016045	CINSK00
	S015980	CINSK00
	S015952	CIDBK00

CA RS Level	Service	FMID
CAR2101	S015864	CINSK00
	S016040	CINSK00
	S016032	CINSK00
	S016031	CINSK00
	S016024	CINSK00
	S016001	CINSK00
	S015998	CINSK00
	S015939	CPUTK00
	S015938	CPFLK00
	S015937	CINSK00
	S015935	CPSAK00
	S015931	CIDBK00
	S015927	CPDTK00
	S015913	CIDBK00
	S015908	CINSK00
	S015895	CPLAK00
	S015868	CINSK00
	S015867	CINSK00
	S015863	CINSK00
	S015843	CPDTK00
	S015816	CRCQK00
	S015807	CRCXK00
	S015806	CRCUK00
	S015805	CPFUK00
	S015804	CINSK00
	S015789	CINSK00
	S015775	CPRFK00
	S015774	CPRFK00
	S015770	CINSK00
	S015761	CIDBK00
	S015760	CINSK00
	S015711	CUGRK00
	S015710	CPUTK00
	S015709	CINSK00
CAR2012	S015771	CPFLK00
	S015767	CPFUK00
	S015740	CPUTK00
	S015739	CPRRK00
	S015738	CPFLK00
	S015723	CPDTK00
	S015697	CRCQK00
	S015691	CPPAK00
	S015690	CINSK00
	S015652	CPUTK00
	S015650	COFSK00
	S015647	CIDBK00
	S015613	CINSK00

CA RS Level	Service	FMID
	S015609	CUGRK00
	S015585	CPRRK00
	S015573	CPDTK00
	S015541	CPUTK00
	S015531	CPLAK00
	S015506	CINSK00
	S015499	CPDTK00
	S015487	CUGRK00
	S015486	CPUTK00
	S015485	CPRRK00
	S015484	CPFLK00
	S015483	CPDAK00
	S015482	CINSK00
	S015480	CUTSK00
	S015457	CPUTK00
	S015456	CPLAK00
	S015455	CINSK00
	S015450	CRCQK00
	S015449	CINSK00
	S015444	CINSK00
	S015440	COFSK00
	S015395	CPDTK00
	S015394	CINSK00
	S015193	CINSK00
CAR2011	S015314	CPUTK00
	S015313	CPRRK00
	S015312	CPFLK00
	S015311	CINSK00
	S015308	CUGRK00
	S015271	CPUTK00
	S015255	CPRFK00
	S015254	CIDBK00
	S015238	CPUTK00
	S015237	CPRRK00
	S015236	CPFUK00
	S015235	CPFLK00
	S015225	COFSK00
	S015220	CPLAK00
	S015215	CINSK00
	S015205	CINSK00
	S015199	CPDTK00
	S015191	CRCMK00
	S015184	CSQ2100
	S015174	CPUTK00
	S015132	CINSK00
	S015130	CPDAK00
	S015129	CINSK00

CA RS Level	Service	FMID
	S015124	CPRRK00
	S015122	CINSK00
	S015094	CPSAK00
	S015086	CPFUK00
	S015075	CINSK00
	S015074	CPUTK00
	S015073	CPDTK00
	S015072	CINSK00
	S015070	CIDBK00
	S015064	CPLAK00
	S015062	COFSK00
	S015061	CINSK00
	S015049	CIDBK00
	S015045	CINSK00
	S015031	CINSK00
	S015015	CPFLK00
	S015004	CINSK00
CAR2010	S014984	CPFUK00
	S014949	CPLAK00
	S014923	CIDBK00
	S014902	CPPAK00
	S014901	CINSK00
	S014899	CINSK00
	S014883	CIDBK00
	S014876	CINSK00
	S014874	CINSK00
	S014866	CPLAK00
	S014865	CINSK00
	S014864	CIDBK00
	S014863	CUGRK00
	S014861	CPSAK00
	S014860	CPDTK00
	S014859	CINSK00
	S014853	CIDBK00
	S014843	CIDBK00
	S014842	CPRFK00
	S014836	CPBAK00
	S014835	CINSK00
	S014833	CRCUK00
	S014832	CINSK00
	S014827	CINSK00
	S014782	CPDTK00
	S014773	CPUTK00
	S014772	CPFLK00
	S014771	CINSK00
	S014756	CINSK00
	S014754	CIDBK00

CA RS Level	Service	FMID
	S014732	CPDAK00
	S014731	CINSK00
	S014721	CINSK00
	S014716	CINSK00
	S014694	CPFLK00
	S014681	CPSAK00
	S014680	CPDTK00
	S014675	CPRFK00
	S014655	COFSK00
	S014642	CIDBK00
CAR2009	S014641	CUGRK00
	S014640	CPRRK00
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	S014623	CINSK00
	S014615	CINSK00
	S014613	CPLAK00
	S014583	CINSK00
	S014570	COFSK00
	S014568	CUGRK00
	S014567	CPUTK00
	S014566	CINSK00
	S014565	CPDAK00
	S014531	CIDBK00
	S014502	CPUTK00
	S014501	CPFUK00
	S014500	CINSK00
	S014491	CINSK00
	S014483	CUGRK00
	S014452	CPLAK00
	S014433	CPFLK00
	S014428	CPUTK00
	S014427	CPFLK00
	S014426	CRCQK00
	S014404	CPRFK00
	S014401	CINSK00
	S014400	CPPAK00
	S014397	CPDTK00
	S014383	CPUTK00
	S014382	CPFUK00
	S014381	CINSK00
	S014338	CPDTK00
	S014335	CRCQK00
	S014310	CUTSK00
	S014307	CRCQK00
	S014299	CPDTK00

CA RS Level	Service	FMID
	S014298	CINSK00
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	S014254	CIDBK00
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	S013888	CINSK00
CAR2008	S014252	CPFLK00
	S014235	CPDTK00
	S014173	CINSK00
	S014168	CINSK00
	S014164	CIDBK00
	S014142	CPLAK00
	S014137	CPLAK00
	S014101	CRCQK00
	S014099	CIDBK00
	S014093	CIDBK00
	S014054	CPUTK00
	S014053	CPFUK00
	S014052	CINSK00
	S014036	CUGRK00
	S014035	CPUTK00
	S014034	CPRRK00
	S014033	CPLAK00
	S014032	CPFUK00
	S014031	CPFLK00
	S014030	CPDAK00
	S014029	CINSK00
	S014025	CPFLK00
	S014016	CIDBK00
	S013990	COFSK00
	S013988	CPPAK00
	S013987	CPDTK00
	S013986	CPDAK00
	S013985	CINSK00
	S013982	CSQ2100
	S013974	CINSK00
	S013973	CINSK00

CA RS Level	Service	FMID
	S013961	CPUTK00
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	S013887	CPDTK00
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	S013825	CIDBK00
	S013814	CINSK00
	S013807	CINSK00
	S013794	CINSK00
	S013781	COFSK00
	S013768	CUGRK00
	S013767	CPUTK00
	S013766	CPFUK00
	S013765	CPFLK00
	S013764	CINSK00
	S013758	COFSK00
	S013726	CINSK00
	S013711	CINSK00
	S013709	CPUTK00
	S013708	CPRRK00
	S013707	CPFUK00
	S013706	CPFLK00
	S013574	CINSK00
CAR2007	S013761	CPDTK00
	S013730	CPRFK00
	S013718	CPLAK00
	S013717	CINSK00
	S013686	CUGRK00
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	S013682	CINSK00
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00

CA RS Level	Service	FMID
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	S013453	CINSK00
	S013450	CPDTK00
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00
	S013340	CINSK00
	S013273	CINSK00
	S012794	CINSK00
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00
	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

DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	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

CA RS Level	Service	FMID
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCCK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00

CA RS Level	Service	FMID
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	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

CA RS Level	Service	FMID
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	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

CA RS Level	Service	FMID
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	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

CA RS Level	Service	FMID
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	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

CA RS Level	Service	FMID
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	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

CA RS Level	Service	FMID
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	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

CA RS Level	Service	FMID
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00

CA RS Level	Service	FMID
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCSK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00

CA RS Level	Service	FMID
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCCK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00

CA RS Level	Service	FMID
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00
	S009125	CINSK00
	S009110	CRCXK00
	S009109	CRCUK00
	S009108	CPLAK00
	S009107	CPFUK00
	S009106	COFSK00
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	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

CA RS Level	Service	FMID
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	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

CA RS Level	Service	FMID
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	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

CA RS Level	Service	FMID
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00
	S007856	CINSK00
CAR1904	S007826	CUGRK00
	S007825	CTGRK00
	S007824	CRCUK00
	S007823	CRCSK00
	S007822	CRCQK00
	S007821	CRCMK00
	S007820	CPUTK00
	S007819	CPSAK00
	S007818	CPRRK00
	S007815	CPRFK00
	S007814	CPPAK00
	S007813	CPLAK00
	S007812	CPFUK00

CA RS Level	Service	FMID
	S007811	CPFLK00
	S007810	CPDTK00
	S007809	CPDAK00
	S007808	COFSK00
	S007807	CINSK00
	S007806	CIDBK00
	S007804	CAHOK00
	S007774	CINSK00
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00
	S007169	CINSK00
CAR1903	S007412	CINSK00
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00
	S007323	CINSK00
	S007204	CPSAK00
CAR1902	S007167	CINSK00
	S006978	CINSK00
	S006977	CIDBK00
	S006879	CUGRK00
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCCK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00

CA RS Level	Service	FMID
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	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

CA RS Level	Service	FMID
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00
	S004756	CINSK00
CAR1808	S004720	CRCUK00
	S004719	CRCMK00
	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

CA RS Level	Service	FMID
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCSK00
	S001641	CPLAK00
CAR1805	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00

CA RS Level	Service	FMID
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00
	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

CA RS Level	Service	FMID
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100
CAR1801	R099853	CRCXK00
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRCCK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00

CA RS Level	Service	FMID
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRC SK00
	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

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