

DB2 Tools 20.0
CA RS 2110 Service List

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Service	Description	Type
LU02279	INTERNAL CATALOG TABLE DIRECTORY SERVICE ENHANCEMENT	PTF
LU02280	INTERNAL CATALOG TABLE DIRECTORY SERVICE ENHANCEMENT	PTF
LU02471	SETUP PARMLIB MEMBER VALUE CHECK	PTF
LU02472	DISPLAY DB2 CONNECTION ERRORS IN THE DB2 COMMAND PROCESSOR	PTF
LU02489	LOG MAINTENANCE FACILITY FAILS WITH S106-14 ABEND	PTF
LU02516	SUPPORT SUMMARIZED ACCOUNTING FOR PARALLELISM IN BATCH	PTF
LU02577	CODE TO SUPPORT A FUTURE ENHANCEMENT IN PBA	PTF
LU02597	PK-D REPORT HAS LABEL CREATOR INSTEAD OF BOUNDBY	PTF
LU02609	ENDLESS LOOP DUE TO SYNTAX ERROR IN THE RECOVERY ESTIMATOR	PTF
LU02614	GARBAGE MESSAGE IF WRONG PLAN USED FOR COMPARE/POST-INSTALL	PTF
LU02633	LOCATION NAME IS INVALID FOR GRANT TABLE STATEMENT	PTF
LU02634	SUPPORT FOR NEW DB2 12 THREAD REMOTE LOCATION FIELD	PTF
LU02641	SOC1 IN FLLMINI AT OFFSET X'232C' OR X'236C' AFTER LU00983	** PRP **
LU02642	ADD FILTEROUT STATS TO HISTORY COMMAND OUTPUT	PTF
LU02646	NEW FIELDS IN QMDA AND RELATED REPORT UPDATES	PTF
LU02661	BATCH BIND PRINTS ERRONEOUS TEXT IN AUDIT OUTPUT	PTF
LU02665	SY-CD REPORT DOES NOT SHOW TCP/IP INFORMATION	PTF
LU02706	DETECTOR COLLECTING FALSE -805 SQL ERRORS	** PRP **
LU02708	ABEND S378 IN NMSPRMVC AFTER APPLYING LU02340	*HIP/PRP*
LU02762	PQC REFACTORING ENGINE 5	PTF
LU02767	MESSAGE LAE0002E ISSUED WHEN LMP KEY IS EXPIRED OR MISSING	PTF
LU02785	%PARTLIST SYMBOLIC VARIABLE SELECTS INCORRECT PARTITIONS	PTF
LU02796	ABEND 0C4-38 IN DSNXEET	PTF
LU02800	DUPLICATE RECORDS EXTRACTION BY UNLOAD UTILITY	PTF
LU02808	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU02813	PSABATCC FAILS WITH U0217 AFTER CARS2104	PTF
LU02829	DBG11013E DBGPRINT DATA LINES LOST DUE TO BUFFER SHORTAGE	PTF
LU02841	INTRODUCE A NEW SECURITY PROFILE - RESTAPI	PTF
LU02866	NSP SQL BODY FORMATTING IS MISSING	PTF
LU02894	ACCESSCTRL HELP PANEL HAS INFORMATION FOR DATAACCESS	PTF
LU02944	ABEND 0C4-38 IN PDT\$DII	PTF
SO14389	NEW REQUIREMENT FOR DC TO CONNECT TO CA XMANAGER	PTF

The CA RS 2110 service count for this release is 32

DB2 Tools
CA RS 2110 Service List for CIDBK00

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FMID	Service	Description	Type
CIDBK00	LU02516	SUPPORT SUMMARIZED ACCOUNTING FOR PARALLELISM IN BATCH	PTF
	LU02634	SUPPORT FOR NEW DB2 12 THREAD REMOTE LOCATION FIELD	PTF
	LU02642	ADD FILTEROUT STATS TO HISTORY COMMAND OUTPUT	PTF
	LU02646	NEW FIELDS IN QMDA AND RELATED REPORT UPDATES	PTF
	LU02708	ABEND S378 IN NMSPRMVC AFTER APPLYING LU02340	*HIP/PRP*
	LU02800	DUPLICATE RECORDS EXTRACTION BY UNLOAD UTILITY	PTF
	LU02829	DBG11013E DBGPRINT DATA LINES LOST DUE TO BUFFER SHORTAGE	PTF
	LU02841	INTRODUCE A NEW SECURITY PROFILE - RESTAPI	PTF
	SO14389	NEW REQUIREMENT FOR DC TO CONNECT TO CA XMANAGER	PTF
The CA RS 2110 service count for this FMID is 9			

DB2 Tools
CA RS 2110 Service List for CINSK00

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FMID	Service	Description	Type
CINSK00	LU02279	INTERNAL CATALOG TABLE DIRECTORY SERVICE ENHANCEMENT	PTF
	LU02471	SETUP PARMLIB MEMBER VALUE CHECK	PTF
	LU02472	DISPLAY DB2 CONNECTION ERRORS IN THE DB2 COMMAND PROCESSOR	PTF
	LU02489	LOG MAINTENANCE FACILITY FAILS WITH S106-14 ABEND	PTF
	LU02609	ENDLESS LOOP DUE TO SYNTAX ERROR IN THE RECOVERY ESTIMATOR	PTF
	LU02614	GARBAGE MESSAGE IF WRONG PLAN USED FOR COMPARE/POST-INSTALL	PTF
	LU02661	BATCH BIND PRINTS ERRONEOUS TEXT IN AUDIT OUTPUT	PTF
	LU02808	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU02813	PSABATCC FAILS WITH U0217 AFTER CARS2104	PTF
The CA RS 2110 service count for this FMID is 9			

DB2 Tools
CA RS 2110 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	LU02280	INTERNAL CATALOG TABLE DIRECTORY SERVICE ENHANCEMENT	PTF
	LU02633	LOCATION NAME IS INVALID FOR GRANT TABLE STATEMENT	PTF
	LU02866	NSP SQL BODY FORMATTING IS MISSING	PTF
The CA RS 2110 service count for this FMID is 3			

DB2 Tools
CA RS 2110 Service List for CPBAK00

FMID	Service	Description	Type
CPBAK00	LU02577	CODE TO SUPPORT A FUTURE ENHANCEMENT IN PBA	PTF
The CA RS 2110 service count for this FMID is 1			

DB2 Tools
CA RS 2110 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	LU02785	%PARTLIST SYMBOLIC VARIABLE SELECTS INCORRECT PARTITIONS	PTF
The CA RS 2110 service count for this FMID is 1			

DB2 Tools
CA RS 2110 Service List for CPDTK00

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FMID	Service	Description	Type
CPDTK00	LU02706	DETECTOR COLLECTING FALSE -805 SQL ERRORS	** PRP **
	LU02796	ABEND 0C4-38 IN DSNXEET	PTF
	LU02944	ABEND 0C4-38 IN PDT\$DII	PTF
The CA RS 2110 service count for this FMID is 3			

DB2 Tools
CA RS 2110 Service List for CPFLK00

FMID	Service	Description	Type
CPFLK00	LU02641	S0C1 IN FLLMINI AT OFFSET X'232C' OR X'236C' AFTER LU00983	** PRP **
The CA RS 2110 service count for this FMID is 1			

DB2 Tools
CA RS 2110 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	LU02767	MESSAGE LAE0002E ISSUED WHEN LMP KEY IS EXPIRED OR MISSING	PTF
The CA RS 2110 service count for this FMID is 1			

DB2 Tools
CA RS 2110 Service List for CRCQK00

FMID	Service	Description	Type
CRCQK00	LU02597	PK-D REPORT HAS LABEL CREATOR INSTEAD OF BOUNDBY	PTF
	LU02665	SY-CD REPORT DOES NOT SHOW TCP/IP INFORMATION	PTF
	LU02894	ACCESSCTRL HELP PANEL HAS INFORMATION FOR DATAACCESS	PTF
The CA RS 2110 service count for this FMID is 3			

DB2 Tools
CA RS 2110 Service List for CUGRK00

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FMID	Service	Description	Type
CUGRK00	LU02762	PQC REFACTORING ENGINE 5	PTF
The CA RS 2110 service count for this FMID is 1			

Service	Details
LU02279	LU02279 M.C.S. ENTRIES = ++PTF (LU02279) INTERNAL CATALOG TABLE DIRECTORY SERVICE ENHANCEMENT PROBLEM DESCRIPTION: Enhancement to support non-catalog level changes in the internal Catalog Table Directory Service of the CA Database Management Solutions for DB2 for z/OS. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 13966 Copyright (C) 2021 CA. All rights reserved. R01571-D200-SP1 DESC(INTERNAL CATALOG TABLE DIRECTORY SERVICE ENHANCEMENT). ++VER (Z038) FMID (CINSK00) PRE (LU01039 LU01106 LU01978 R099553 S004455 S010004 S012933 S013484 S015804) SUP (LT02279) ++IF FMID(COFSK00) REQ(LU02280) .

Service	Details
LU02280	LU02280 M.C.S. ENTRIES = ++PTF (LU02280) INTERNAL CATALOG TABLE DIRECTORY SERVICE ENHANCEMENT PROBLEM DESCRIPTION: Enhancement to support non-catalog level changes in the internal Catalog Table Directory Service of the CA Database Management Solutions for DB2 for z/OS. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 13966 Copyright (C) 2021 CA. All rights reserved. R01571-D200-SP1 DESC(INTERNAL CATALOG TABLE DIRECTORY SERVICE ENHANCEMENT). ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU01053 LU01107 R096577 R097705 R099554 S001397 S001666 S004456 S006114 S006864 S007808 S008663 S011967 S015225 S015440) SUP (LT02280 S008427 S009128 S013758 S014655 ST08427 ST09128 ST13758 ST14655) ++IF FMID(CINSK00) REQ(LU02279) .

Service	Details
LU02471	LU02471 M.C.S. ENTRIES = ++PTF (LU02471) SETUP PARMLIB MEMBER VALUE CHECK ENHANCEMENT DESCRIPTION: A new validation check is now performed to verify DDL values in the SETUPxx global parmlib member for a specific subsystem during post-install tailoring of the DBM Solutions for Db2 for z/OS. A new message, Incorrect or missing DDL values in SETUPxx member, is now displayed on the Select Db2 Subsystems panel (panel ID INSSLDB2) when executing Db2 catalog customization tasks. This message signifies that some DDL values that are defined in the corresponding SETUPxx global parmlib member for this Db2 SSID are incorrect or missing and continuing would result in failed execution. The existence of this message prevents you from selecting the affected SSID for execution in the same manner as other messages pertaining to the mode and function level of the SSID. This same validation check has also been implemented on the list of SSIDs in the SETUPxx global parmlib member editing panels Edit Parmlib SETUP Member SSID List, (panel ID INSEDS2). This validation identifies the SSIDs that were identified on INSSLDB2 panel so that the invalid values can be resolved. Following values are now being checked for validity: SSBP4KIX Tablespace 4KB BP - SSBP4KTS Tablespace 8KB BP - SSBP8K Tablespace 16KB BP - SSBP16K Tablespace 32KB BP - SSBP32K Indexspace 4KB BP - SSDEFINE DEFINE parm for TS/IX - SSCLOSE CLOSE DDL parm for TS/IX SSCOMPTS COMPRESS DDL parm for TS/IX PRODUCT(S) AFFECTED: INS Post-Install CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 14437 Copyright (C) 2021 CA. All rights reserved. R01596-D200-SP1 DESC(SETUP PARMLIB MEMBER VALUE CHECK). ++VER (Z038) FMID (CINSK00) PRE (LU00847 LU01978 R099553 S001396 S006863 S007807 S009860 S012076 S012851 S014027) SUP (LT02471)

Service	Details
LU02472	LU02472 M.C.S. ENTRIES = ++PTF (LU02472) DISPLAY DB2 CONNECTION ERRORS IN THE DB2 COMMAND PROCESSOR PROBLEM DESCRIPTION: The DB2 Command Processor in the CA Database Management Solutions for Db2 for z/OS does not display the appropriate error message when there is an error in the internal connection service. SYMPTOMS: The following generic error message is displayed in the DB2 Command Processor when there is an error in the internal connection service. PT121E - GENERAL DB2 CONNECTION FAILURE IMPACT: There is not enough information in the error message. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 14455 Copyright (C) 2021 CA. All rights reserved. R01597-D200-SP1 DESC(DISPLAY DB2 CONNECTION ERRORS IN THE DB2 COMMAND PROCESSOR). ++VER (Z038) FMID (CINSK00) PRE (LU00839 LU01526 LU01575 R097704 R099553 S000016 S000785 S006608 S009860 S010162 S010173 S011684 S013484 S015980) SUP (LT02472) ++HOLD (LU02472) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (21249) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. </pre>

Service	Details
	Refer to the Post Installation and Customization Guide for details.). CSECT (PTADBCD,CMDTABLE,SAVDCMDS,ERRTABLE) .

Service	Details
LU02489	LU02489 M.C.S. ENTRIES = ++PTF (LU02489) LOG MAINTENANCE FACILITY FAILS WITH S106-14 ABEND PROBLEM DESCRIPTION: The Log Maintenance facility in the CA Database Management Solutions for DB2 for z/OS fails with S106-14 abend due to insufficient storage when you select the menu options multiple times. SYMPTOMS: Go to Log Maintenance facility from the main menu and select option 1 - Display Log Records and then cycle between options 1 to 4 multiple times. Log Maintenance will fail with the following abend: EW4000I FETCH FOR MODULE PTLSSP FROM DDNAME PTILIB FAILED BECAUSE INSUFFICIENT STORAGE WAS AVAILABLE. CSV031I LIBRARY ACCESS FAILED FOR MODULE PTLSSP, RETURN CODE 14, REASON CODE 26110021, DDNAME PTILIB CSV028I ABEND106-14 JOBNAME=xxxxx STEPNAME=CATSO IRX0250E System abend code 106, reason code 00000020. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. IMPACT: You can not view the log records using the Log Maintenance facility. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 14476 Copyright (C) 2021 CA. All rights reserved. R01599-D200-SP1 DESC(LOG MAINTENANCE FACILITY FAILS WITH S106-14 ABEND). ++VER (Z038) FMID (CINSK00) SUP (LT02489)

Service	Details
LU02516	LU02516 M.C.S. ENTRIES = ++PTF (LU02516) SUPPORT SUMMARIZED ACCOUNTING FOR PARALLELISM IN BATCH PROBLEM DESCRIPTION: CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds support for summarized accounting for threads that used CPU parallelism in batch. A new batch SYSPARM CPUPARA-CHILD=YES/NO will control whether child threads are reported or summed into the parent. SYMPTOMS: Batch summary requests will incorrectly average child threads and parent threads. IMPACT: Summaries are misleading. Detail reports can now report summed data or the individual child records, depending on the SYSPARM value. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14527 Copyright (C) 2021 CA. All rights reserved. R01601-D200-SP1 DESC(SUPPORT SUMMARIZED ACCOUNTING FOR PARALLELISM IN BATCH) . ++VER (Z038) FMID (CIDBK00) PRE (LU00299 LU01041 LU01175 LU01556 LU01977 LU02093 LU02096 LU02118 R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S009519 S009556 S010160 S011616 S011977 S012769 S013557 S013891 S014164 S014389 S014883 S014923 S015070 S015254 S016116 S016200) SUP (LT02516 S008728 S014357 ST03732 ST08728 ST14357) CSECT(NBRECRDC,NBRECRDR) . CSECT(NBRWDRVM) . CSECT(NDRITABC,NDRITABL) . CSECT(NUSUMCLC,NUSUMCLM) .

Service	Details
LU02577	LU02577 M.C.S. ENTRIES = ++PTF (LU02577) CODE TO SUPPORT A FUTURE ENHANCEMENT IN PBA ENHANCEMENT DESCRIPTION: This enhancement consists of code to support a future enhancement. PRODUCT(S) AFFECTED: CA Bind Analyzer for DB2 for z/OS Version 20.0 Related Problem: PBA 14596 Copyright (C) 2021 CA. All rights reserved. R01607-D200-SP1 DESC(CODE TO SUPPORT A FUTURE ENHANCEMENT IN PBA) . ++VER (Z038) FMID (CPBAK00) PRE (LU00645 R096578 S001398 S011767) SUP (LT02577)

Service	Details
LU02597	LU02597 M.C.S. ENTRIES = ++PTF (LU02597) PK-D REPORT HAS LABEL CREATOR INSTEAD OF BOUNDBY PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ) the Package Detail Report displays label CREATOR instead of BOUNDBY. SYMPTOMS: Incorrect label CREATOR used in Package Detail Report. IMPACT: Package Detail report uses inconsistent naming compared to other package reports. The label name 'BOUNDBY' should be used in place of 'CREATOR'. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 14657 Copyright (C) 2021 CA. All rights reserved. R01608-D200-SP1 DESC(PK-D REPORT HAS LABEL CREATOR INSTEAD OF BOUNDBY). ++VER (Z038) FMID (CRCQK00) PRE (R096593 R099569 S001414 S006128) SUP (LT02597 S010268 ST10268)

Service	Details
LU02609	LU02609 M.C.S. ENTRIES = ++PTF (LU02609) ENDLESS LOOP DUE TO SYNTAX ERROR IN THE RECOVERY ESTIMATOR PROBLEM DESCRIPTION: A syntax error on the 'ESTIMATE-RECOVERY' part of the Recovery Estimator's syntax causes the Recovery Estimator to enter an endless loop that requires manually terminating the JCL. SYMPTOMS: The Recovery Estimator is stuck in an endless loop. IMPACT: The Recovery Estimator does not properly terminate, and the job needs to be manually canceled. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 14579 Copyright (C) 2021 CA. All rights reserved. R01611-D200-SP1 DESC(ENDLESS LOOP DUE TO SYNTAX ERROR IN THE RECOVERY ESTIMATOR). ++VER (Z038) FMID (CINSK00) PRE (LU00227 LU01178 LU01405 LU01673 LU02061 LU02197 LU02363 S015311 S015864) SUP (AL01405 LT00559 LT01643 LT01696 LT02117 LT02609 LU01696 LU02117)

Service	Details
LU02614	LU02614 M.C.S. ENTRIES = ++PTF (LU02614) GARBAGE MESSAGE IF WRONG PLAN USED FOR COMPARE/POST-INSTALL PROBLEM DESCRIPTION: In CA RC/Compare for DB2 for z/OS (RCC), when creating a compare strategy using Batch AUTOMAP or executing the COMPRT step of post-install, and the plan name is incorrect, the message 'PLAN NAME: XXXXXXXX was not found' will not be issued. SYMPTOMS: RM00258I Automap process has been invoked: 20.0 RCM00011: DB2 connection error: RCM00055: The AUTOMAP phase has completed with errors. Please check the MSGFILE DD for more information on the error. IMPACT: Customer will not know the real reason for the above error messages. CIRCUMVENTION: Edit PARMLIB(PLANSnn) and correct the RCM plan name. PRODUCT(S) AFFECTED: CA RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 14663 Copyright (C) 2021 CA. All rights reserved. R01612-D200-SP1 DESC (GARBAGE MESSAGE IF WRONG PLAN USED FOR COMPARE/POST-INSTALL). ++VER (Z038) FMID (CINSK00) PRE (LU00446 S014832) SUP (LT02614)

Service	Details
LU02633	LU02633 M.C.S. ENTRIES = ++PTF (LU02633) LOCATION NAME IS INVALID FOR GRANT TABLE STATEMENT PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS(RCQ), the HGRANT command on a table object generates an invalid GRANT statement. The location name is an empty value of table-name, which is invalid in any Db2 version. SYMPTOMS: Location name is generated as spaces in the output of HGRANT on table. IMPACT: Statement generated is inappropriate. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: OFS 14560 Copyright (C) 2021 CA. All rights reserved. R01613-D200-SP1 DESC(LOCATION NAME IS INVALID FOR GRANT TABLE STATEMENT). ++VER (Z038) FMID (COFSK00) PRE (LU00531 R099554 S001397 S006114 S015225 S015440) SUP (LT02633)

Service	Details
LU02634	LU02634 M.C.S. ENTRIES = ++PTF (LU02634) SUPPORT FOR NEW DB2 12 THREAD REMOTE LOCATION FIELD ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) supports new Db2 12 thread remote location "Product level" field added to the following DB2 trace records: - ACCT/THREAD-STATS (IFCID 3/148) - THREAD-DDF-DATA (IFCID 1027) The following reports were updated: THRDLCS, THDRMTD, HTRMOT, HTRMTDTL, HTURMOT, HTURMDTL, DSQTHDRL, BTACTSML, BTACTTRL, BTSTASM3, BTSTATR3. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14457 Copyright (C) 2021 CA. All rights reserved. R01614-D200-SP1 DESC(SUPPORT FOR NEW DB2 12 THREAD REMOTE LOCATION FIELD) . ++VER (Z038) FMID (CIDBK00) PRE (LU00282 LU00545 LU00697 LU01030 LU01100 LU01175 LU01829 LU01977 LU02033 LU02096 LU02340 LU02428 R096575 R097703 R099552 S000077 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S010160 S010739 S010906 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014754 S015049 S015070 S015254 S015647 S016270 S016300) SUP (LT02439 LT02634 LU02439 S009743 S014337 S016046 ST09743 ST14337 ST16046) CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) . CSECT (IFCIDSCS) . CSECT (NGRABP2C,NGRABP2) . CSECT (NGRABP2C,NGRABP2) . CSECT (NGRABP2C,NGRABP2) . CSECT (NGRABP3C,NGRABP3) . CSECT (NGRABP3C,NGRABP3) . CSECT (NGRABP3C,NGRABP3) . CSECT (NGR0150C,NGR0150) . CSECT (NGR0150C,NGR0150) . CSECT (NGR0150C,NGR0150) . CSECT (NPLEXDAT,NPLEXSYM,SYMTBLE) .

Service	Details
LU02641	LU02641 M.C.S. ENTRIES = ++PTF (LU02641) SOC1 IN FLLMINI AT OFFSET X'232C' OR X'236C' AFTER LU00983 PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) may abend with the SOC1 abend code in FLLMINI at offset x'232C' or x'236C'. This happens when PTF LU00983 is applied, PFL is running on hardware that does not have the Miscellaneous-Instruction Extensions Facility 2 installed, and the loaded table contains LOB columns. SYMPTOMS: A symptom dump similar to the following is produced: SYSTEM COMPLETION CODE=0C1 REASON CODE=00000001 TIME=14.21.02 SEQ=29310 CPU=0000 ASID=0119 PSW AT TIME OF ERROR 078C0000 9748332C ILC 6 INTC 01 ACTIVE MODULE ADDRESS=00000000_17481000 OFFSET=0000232C NAME=FLLMINI DATA AT PSW 17483326 - E320904E 003C5020 D11CE3E0 GR 0: 00000001 1: 1704B670 2: 00000030 3: 00007676 4: 00000001 5: 00000000 6: 00000000 7: 00000000 8: 1736F030 9: 170A5A40 A: 1704B670 B: 17481000 C: 17483288 D: 00090C68 E: 00000001 F: 00000001 IMPACT: The job abends. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 14696 Copyright (C) 2021 CA. All rights reserved. R01616-D200-SP1 DESC(SOC1 IN FLLMINI AT OFFSET X'232C' OR X'236C' AFTER LU00983). ++VER (Z038) FMID (CPFLK00) PRE (LU00178 LU00724 LU00983 LU02243 S000018 S010752 S011996 S012150 S015015 S015484) SUP (AL00983 LT02641)

Service	Details
LU02642	LU02642 M.C.S. ENTRIES = ++PTF (LU02642) ADD FILTEROUT STATS TO HISTORY COMMAND OUTPUT PROBLEM DESCRIPTION: SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds a new field to report threads filtered count by 'Thread Filter Groups' in HISTORY command output. The thread groups definitions in the configuration file that is specified by the SYSPARM THREAD-GROUPS-DSN will be printed to DBGPRINT during initialization. The Remote Location Detail History requests (HSRMTDT2 and HSRMTD2) may not show the requested detailed information for some locations. NEVENTS has been increased to 5000 in HSRMTDT2 and HSRMTD2 to address this issue. SYMPTOMS: 1. Nothing is known about whether any threads were filtered. 2. Missing data in HSRMTDT2 and HSRMTD2 reports. IMPACT: 1. No information about threads that were filtered. 2. You may miss detailed information for some locations. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14625 Copyright (C) 2021 CA. All rights reserved. R01617-D200-SP1 DESC(ADD FILTEROUT STATS TO HISTORY COMMAND OUTPUT) . ++VER (Z038) FMID (CIDBK00) PRE (LU00253 LU00299 LU01041 LU01164 LU01556 LU02096 LU02118 R096575 R099552 S001395 S004454 S006112 S006862 S007806 S008279 S008846 S009556 S010160 S011616 S012769 S013557 S014016 S014164 S014389 S014642 S015070 S015647 S015931 S016116 S016200) SUP (LT01035 LT02606 LT02642 LU01035 S012078 ST06087 ST12078 ST16189) CSECT(NSICDALC,NSICDALM) .

Service	Details
LU02646	LU02646 M.C.S. ENTRIES = ++PTF (LU02646) NEW FIELDS IN QMDA AND RELATED REPORT UPDATES ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) supports new fields added to the QMDA (accounting information) section of the ACCT and THREAD-STATS records. Active Thread Detail and Thread History Overview reports were updated with fields from the QMDA section. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14267 Copyright (C) 2021 CA. All rights reserved. R01618-D200-SP1 DESC(NEW FIELDS IN QMDA AND RELATED REPORT UPDATES). ++VER (Z038) FMID (CIDBK00) PRE (LU00282 LU00545 LU00697 LU01030 LU01100 LU01175 LU01977 LU02033 LU02096 LU02340 LU02428 LU02516 LU02634 R096575 R097703 R099552 S000077 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S010160 S010405 S010739 S010906 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014754 S014883 S015049 S015070 S015254 S015647 S016270 S016300) SUP (LT02439 LT02646 LU02439 S008728 S009743 S012196 S014337 S015913 S016046 ST03732 ST08728 ST09743 ST12196 ST14337 ST15913 ST16046) CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) . CSECT (IFCIDSCS) . CSECT (NDFMTSEC,NDFMTSEM) . CSECT (NDRITABC,NDRITABL) . CSECT (NGRABP2C,NGRABP2) . CSECT (NGRABP2C,NGRABP2) . CSECT (NGRABP2C,NGRABP2) . CSECT (NGRABP3C,NGRABP3) . CSECT (NGRABP3C,NGRABP3) . CSECT (NGRABP3C,NGRABP3) . CSECT (NPLEXDAT,NPLEXSYM,SYMTBLE) .

Service	Details
LU02661	LU02661 M.C.S. ENTRIES = ++PTF (LU02661) BATCH BIND PRINTS ERRONEOUS TEXT IN AUDIT OUTPUT PROBLEM DESCRIPTION: In the Batch Processor (RBP) component of the CA Database Management Solutions for DB2 for z/OS, the batch execution of a BIND and REBIND prints erroneous text in the audit message file. SYMPTOMS: See below for lines that are printed after the success message. DSNT200I !D12A BIND FOR PLAN RCMSD200 SUCCESSFUL 1DSN END READY END READY END .FREE FI(SYSTSIN) .FREE FI(SYSTSPRT) RETCODE = 0 IMPACT: Unnecessary lines are printed in the output. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RBP 14680 Copyright (C) 2021 CA. All rights reserved. R01619-D200-SP1 DESC(BATCH BIND PRINTS ERRONEOUS TEXT IN AUDIT OUTPUT). ++VER (Z038) FMID (CINSK00) PRE (SO09183) SUP (LT02637 LT02661)

Service	Details
LU02665	LU02665 M.C.S. ENTRIES = ++PTF (LU02665) The following items are included in this solution: 1. SY-CD REPORT DOES NOT SHOW TCP/IP INFORMATION 2. CL-L REPORT DOES NOT INCLUDE COLLECTION-ID WHEN NO PACKAGES 3. TS-PC REPORT DOES NOT LIST ALL PENDING CHANGES 4. T-LR REPORT DOES NOT WORK FOR AUXILARY TABLE ===== SY-CD REPORT DOES NOT SHOW TCP/IP INFORMATION PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the System Communication Database (SY-CD) report does not display data from SYSIBM.IPNAMES tables. SYMPTOMS: The SY-CD report displays VTAM based communication information and does not include TCP/IP based communication information. IMPACT: The SY-CD report is incorrect. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 14582 ===== CL-L REPORT DOES NOT INCLUDE COLLECTION-ID WHEN NO PACKAGES PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the CL-L(Collection List) does not list the collection-id when there are no packages associated. SYMPTOMS: The Collection-List report is limited to the collection-id having associated packages. IMPACT: The Coleection List report is incorrect. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 14717 ===== TS-PC REPORT DOES NOT LIST ALL PENDING CHANGES PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the Tablespace Pending Change (TS-PC) report does not list pending changes caused by altertitions on tables. SYMPTOMS: The TS-PC report is limited to tablespace alterations. IMPACT: The TS-PC report is incorrect. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 14718

Service	Details
	<pre> ===== T-LR REPORT DOES NOT WORK FOR AUXILARY TABLE PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the Table Lob Relationships(T-LR) report works for the base table, not for the auxiliary table. SYMPTOMS: The T-LR report does not show results when base table is entered in the report header fields. IMPACT: The T-LR report is incorrect. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 14719 Copyright (C) 2021 CA. All rights reserved. R01620-D200-SP1 DESC(SY-CD REPORT DOES NOT SHOW TCP/IP INFORMATION) . ++VER (Z038) FMID (CRCQK00) PRE (LU02030 R096593 R099569) SUP (LT02665 S011976 ST11976) ++HOLD (LU02665) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (21252) COMMENT (+-----+ CA RC/Query for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors </pre>

Service	Details
	first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.) . CSECT (RQACLL,RPTSVCST) . CSECT (RQATLR,RPTSVCST) . CSECT (RQATSPC,RPTSVCST) .

Service	Details										
LU02706	LU02706 M.C.S. ENTRIES = ++PTF (LU02706) DETECTOR COLLECTING FALSE -805 SQL ERRORS PROBLEM DESCRIPTION: Many false -805 SQL errors are being recorded by CA Detector for Db2 for z/OS (PDT). These false -805 errors occur in the remote Db2 subsystem during package lookup for a remote SQL request. SYMPTOMS: False -805 SQL errors are recorded in the remote Db2 collection when the application did not receive a -805 from the local Db2. IMPACT: The false -805 SQL errors cause research to be done when a problem does not exist. When the -805 SQL error limit is reached, true -805 SQL errors will not be collected. CIRCUMVENTION: Add -805 to the exclude list on the "DETECTOR View/Modify SQL Error Exclude List" panel in the collection profile. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14547 Copyright (C) 2021 CA. All rights reserved. R01623-D200-SP1 DESC(DETECTOR COLLECTING FALSE -805 SQL ERRORS). ++VER (Z038) FMID (CPDTK00) PRE (LU00402 LU00549 LU01002 LU01542 LU02554 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 AL02554 AS06334 AS08129 AS13450 AS16113 CL01542 LT00240 LT00307 LT00329 LT00684 LT01214 LT01215 LT01393 LT01467 LT01903 LT01933 LT01956 LT02217 LT02220 LT02290 LT02706 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 (LU02706) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21258) COMMENT (<table border="1"> <tr> <td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>Before Apply</td></tr> <tr> <td>PURPOSE</td><td>Avoidance of module mismatch related errors in an Xmanager</td></tr> <tr> <td>USERS</td><td>Collections of DB2 statistics via Detector or Subsystem</td></tr> <tr> <td>AFFECTED</td><td>Analyzer.</td></tr> </table>	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.
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.										

Service	Details
	<pre> DB2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.).</pre>

Service	Details
LU02708	LU02708 M.C.S. ENTRIES = ++PTF (LU02708) ABEND S378 IN NMSPRMVC AFTER APPLYING LU02340 PROBLEM DESCRIPTION: With PTF LU02340 applied, SYSVIEW Performance Management Option for DB2 z/OS (IDB2) data collector is likely to abend after startup if any application exceptions are active and RLF (resource limit facility) is active on the Db2 subsystem. SYMPTOMS: DBG72003E ssid hh:mm:ss BEGINNING ESTAE ROUTINE PROCESSING CCSR010E NMSPRMVC S378 at nnnnnnnn LMOD NSIGHTNU CSECT NMSPRMVC IMPACT: SYSVIEW Performance Management Option for DB2 for z/OS data collector can not be properly started. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14689 Copyright (C) 2021 CA. All rights reserved. R01624-D200-SP1 DESC(ABEND S378 IN NMSPRMVC AFTER APPLYING LU02340). ++VER (Z038) FMID (CIDBK00) PRE (LU00282 LU00545 LU00697 LU01175 LU01977 LU02033 LU02340 LU02634 LU02646 R096575 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010906 S011616 S012769 S013557 S013891 S014099 S014754 S015070 S015647 S016300) SUP (AL02340 LT00159 LT01845 LT02439 LT02708 LU00159 LU01845 LU02439) CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) .

Service	Details
LU02762	LU02762 M.C.S. ENTRIES = ++PTF (LU02762) PQC REFACTORING ENGINE 5 ENHANCEMENT DESCRIPTION: In CA Quick Copy for DB2 for z/OS (PQC), the code for reading header page and first space map page has been moved to one place and all other conditional reads have been removed. PRODUCT(S) AFFECTED: CA Quick Copy for DB2 for z/OS Version 20.0 Related Problem: PQC 14621 Copyright (C) 2021 CA. All rights reserved. R01629-D200-SP1 DESC(PQC REFACTORING ENGINE 5). ++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 LT02762 LU01893 LU01936 LU02307 LU02529 S015308 S016181 ST05104 ST15308 ST16181)

Service	Details
LU02767	LU02767 M.C.S. ENTRIES = ++PTF (LU02767) MESSAGE LAE0002E ISSUED WHEN LMP KEY IS EXPIRED OR MISSING PROBLEM DESCRIPTION: Log Analyzer for Db2 for z/OS execution without a valid LMP key terminates processing with the message LAE0002E and a return code 8. SYMPTOMS: The job ends with return code 8 and no useful output is generated. The message "LAE0002E The password for LOG ANALYZER has expired, processing ended." appears in the job output. IMPACT: Log Analyzer for Db2 for z/OS cannot be used without a valid LMP key. Usage of Log Analyzer for Db2 for z/OS without a valid key is not being logged by audit messages. CIRCUMVENTION: The behavior can be circumvented if FULLMENU (YES) is specified in SETUP member of the CDBAPARM library. PRODUCT(S) AFFECTED: Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 14152 Copyright (C) 2021 CA. All rights reserved. R01630-D200-SP1 DESC(MESSAGE LAE0002E ISSUED WHEN LMP KEY IS EXPIRED OR MISSING). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00882 R096583 R099559 S000020 S000975 S004245 S006119 S008802 S009252 S010390 S010677 S011113 S011669 S012889 S012900 S013625 S014137) SUP (LT02767) CSECT(LAA@LOG,#@XFCALN) .

Service	Details
LU02785	LU02785 M.C.S. ENTRIES = ++PTF (LU02785) %PARTLIST SYMBOLIC VARIABLE SELECTS INCORRECT PARTITIONS PROBLEM DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) incorrectly generates action JCL with additional partitions in the list (%PARTLIST) when processing partitioned Tablespaces in a single REORG. SYMPTOMS: The generated JCL incorrectly selects additional partitions from multi-partitioned tablespaces. IMPACT: Additional partitions are processed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 14217 Copyright (C) 2021 CA. All rights reserved. R01631-D200-SP1 DESC(%PARTLIST SYMBOLIC VARIABLE SELECTS INCORRECT PARTITIONS). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00314 LU00891 LU01626 LU02456 S000017) SUP (LT01067 LT01126 LT02785 LU01126 S004010 ST04010)

Service	Details																										
LU02796	LU02796 M.C.S. ENTRIES = ++PTF (LU02796) ABEND OC4-38 IN DSNXEET PROBLEM DESCRIPTION: CA Detector for Db2 for z/OS (PDT) may cause an abend in DSNXEET after LU01542 is applied. SYMPTOMS: Abend OC4-038 occurs in DSNXEET. IMPACT: CPU parallelism tasks may abend, causing requests that use CPU parallelism to fail. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14740 Copyright (C) 2021 CA. All rights reserved. R01632-D200-SP1 DESC (ABEND OC4-38 IN DSNXEET) . ++VER (Z038) FMID (CPDTK00) PRE (LU00402 LU00549 LU01002 LU01542 LU02554 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 AL02554 AS06334 AS08129 AS13450 AS16113 CL01542 LT00240 LT00307 LT00329 LT00684 LT01214 LT01215 LT01393 LT01467 LT01903 LT01933 LT01956 LT02217 LT02220 LT02290 LT02706 LT02796 LU00240 LU00329 LU00684 LU01215 LU01393 LU01467 LU01933 LU02220 LU02290 LU02706 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 (LU02796) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21260) COMMENT (<table> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>CA Detector for DB2 for z/OS Version 20.0 </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>SEQUENCE Before Apply </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>PURPOSE Avoidance of module mismatch related errors in an Xmanager </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>USERS Collections of DB2 statistics via Detector or Subsystem </td></tr> <tr> <td> </td><td>AFFECTED Analyzer. </td></tr> <tr> <td> </td><td> DB2 subsystems that have active collections. </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>KNOWLEDGE 1. SMP/E </td></tr> <tr> <td> </td><td>REQUIRED 2. z/OS System Programming </td></tr> </table>	+	-----+		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
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	KNOWLEDGE 1. SMP/E																										
	REQUIRED 2. z/OS System Programming																										

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

Service	Details
LU02800	LU02800 M.C.S. ENTRIES = ++PTF (LU02800) DUPLICATE RECORDS EXTRACTION BY UNLOAD UTILITY PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) unload utility (Trace and History VSAM Linear Data Set Utility "IDB2UIFI REQ=UNLDHIST") may cause duplicate records to be extracted to the output file. SYMPTOMS: Duplicate records may be present in the unload utility's output file. IMPACT: Duplicate records will cause issues when you prepare and load them into corresponding archive table. This issue rarely occurs whenever IFCID 1 & IFCID 2 are interleaved by other types of IFCID records in IDB2 history file. After the fix, IFCID 1 and IFCID 2 (base & if any continuation) will be written together. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14601 Copyright (C) 2021 CA. All rights reserved. R01633-D200-SP1 DESC(DUPLICATE RECORDS EXTRACTION BY UNLOAD UTILITY) . ++VER (Z038) FMID (CIDBK00) PRE (LU00299 LU00881 LU01556 LU01977 LU02093 LU02118 LU02325 R096575 R097703 R099552 S001395 S004454 S006112 S010160 S010906 S011977 S013891 S014016 S014642 S014843 S014923 S015049 S015254 S015931 S016200) SUP (LT02800 R097683 TR97683) CSECT(NALDSCOM) . CSECT(NUHSTLOM) .

Service	Details
LU02808	LU02808 M.C.S. ENTRIES = ++PTF (LU02808) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 14802 Copyright (C) 2021 CA. All rights reserved. R01634-D200-SP1 DESC (SECURITY OR INTEGRITY PROBLEM). ++VER (Z038) FMID (CINSK00) PRE (LU00839 LU01610 S001396 S006978 S008825 S010061 S011373 S013484 S014401) SUP (AS11373 LT02808 S011679 ST11679) ++HOLD (LU02808) SYSTEM FMID(CINSK00) REASON (ACTION) DATE (21266) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+-----+ SEQUENCE Before using DBM DS +-----+-----+ PURPOSE CHANGE IN CONFIGURATION VARIABLES FOR STARTING DBM DS +-----+-----+ USERS DBM DATA SERVICE SWAGGER UI USERS AFFECTED +-----+-----+ KNOWLEDGE SYSTEM ADMINISTRATION REQUIRED +-----+-----+ ACCESS POST INSTALL CONFIGURATION OR ACCESS TO CONFIG DATASETS REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** Complete either of the following steps to update the DBM Data Service server startup parameters: 1. Edit the PXMDSENV member in hlq.DBMDS.CONFIG to add the following line to the Java settings: IJO="\$IJO -Dfile.encoding=UTF-8" 2. Resubmit the DBM Dataservice execution tasks in the DBM for Db2 Configuration Utility: a. Select option 2 (Customizer) on the Post Install tailoring menu, and then select MTC (Mainframe Team Center UI). </pre>

Service	Details
	b. Select option 2 (Customize using the DBM for Db2 Configuration Utility). c. Select option 4 (Tasks) on the DBM for Db2 Configuration Utility - Main Menu and then execute the DBM Data Service related tasks. Refer to Customize using the DBM for Db2 Configuration Utility in the Product Documentation for additional help related to the configuration of DBM Data Service.). LINK('..PXM/ds/dbm-ds.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(PXMDSSMP,PRE) .

Service	Details
LU02813	LU02813 M.C.S. ENTRIES = ++PTF (LU02813) PSABATCC FAILS WITH U0217 AFTER CARS2104 PROBLEM DESCRIPTION: CA Subsystem Analyzer for Db2 for z/OS (PSA) batch facility jobs may end with a U0217 abend after CARS2104 is applied. SYMPTOMS: The following message is issued: ICE217A 2 xx BYTE VARIABLE RECORD IS LONGER THAN xx BYTE MAXIMUM FOR E15 IMPACT: The job does not unload data. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 14793 Copyright (C) 2021 CA. All rights reserved. R01635-D200-SP1 DESC(PSABATCC FAILS WITH U0217 AFTER CARS2104). ++VER (Z038) FMID (CINSK00) PRE (R096167 R097823 R098087 S012924) SUP (LT02813) ++HOLD (LU02813) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21264) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! </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.). CSECT (XM\$DCTCC) .

Service	Details
LU02829	LU02829 M.C.S. ENTRIES = ++PTF (LU02829) DBG11013E DBGPRINT DATA LINES LOST DUE TO BUFFER SHORTAGE PROBLEM DESCRIPTION: SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) may issue the message DBG11013E when messages are being written to the DBGPRINT DD at a high rate. SYMPTOMS: DBG11013E 15:30:30 NUMBER OF PRINT LINES LOST DUE TO BUFFER SPACE IS 00000141. IMPACT: Some messages are not written to the log. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14820 Copyright (C) 2021 CA. All rights reserved. R01638-D200-SP1 DESC(DBG11013E DBGPRINT DATA LINES LOST DUE TO BUFFER SHORTAGE). ++VER (Z038) FMID (CIDBK00) PRE (LU00253 LU00299 LU01041 LU01164 LU02096 LU02118 LU02642 R096575 R099552 S001395 S004454 S006112 S006862 S007806 S008279 S008846 S009556 S010160 S011616 S012769 S014164 S014389 S015931 S016116 S016200) SUP (LT02606 LT02829) CSECT(NOFILHHC,NOFILEHM) .

Service	Details
LU02841	LU02841 M.C.S. ENTRIES = ++PTF (LU02841) INTRODUCE A NEW SECURITY PROFILE - RESTAPI PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) introduces a new security profile called 'RESTAPI'. A user assigned to the 'RESTAPI' profile cannot directly invoke IDB2 UI and can only perform functions available through '/api/v1/idb2/' endpoints of the DBM Data Service. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14727 Copyright (C) 2021 CA. All rights reserved. R01639-D200-SP1 DESC(INTRODUCE A NEW SECURITY PROFILE - RESTAPI). ++VER (Z038) FMID (CIDBK00) SUP (LT02841)

Service	Details
LU02866	LU02866 M.C.S. ENTRIES = ++PTF (LU02866) NSP SQL BODY FORMATTING IS MISSING PROBLEM DESCRIPTION: In RC/Query for DB2 for z/OS (RCQ), the SQL body is not formatted correctly in the DDL/HDDL command output of a native stored procedure(NSP) object that is created through the batch processor. SYMPTOMS: SQL body is not formatted. IMPACT: Generated DDL is improper. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: OFS 14772 Copyright (C) 2021 CA. All rights reserved. R01643-D200-SP1 DESC(NSP SQL BODY FORMATTING IS MISSING). ++VER (Z038) FMID (COFSK00) PRE (LU00531 R096577 R099554 S001397 S004456 S006114 S006864 S015225 S015440) SUP (LT02866)

Service	Details
LU02894	LU02894 M.C.S. ENTRIES = ++PTF (LU02894) ACCESSCTRL HELP PANEL HAS INFORMATION FOR DATAACCESS PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the U-SA (User System Authorization) report has a column called 'AC' for ACCESSCTRL and the help panel for 'AC' does not represent ACCESSCTRL. SYMPTOMS: The ACCESSCTRL help panel contents are for the DATAACCESS. IMPACT: Incorrect information causes confusion. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 14756 Copyright (C) 2021 CA. All rights reserved. R01646-D200-SP1 DESC(ACCESSCTRL HELP PANEL HAS INFORMATION FOR DATAACCESS). ++VER (Z038) FMID (CRCQK00) SUP (LT02894)

Service	Details																		
LU02944	LU02944 M.C.S. ENTRIES = ++PTF (LU02944) The following items are included in this solution: 1. ABEND OC4-38 IN PDT\$DII 2. ABEND OC4 IN PDTDINCC AT SUBSYSTEM SHUTDOWN ===== ABEND OC4-38 IN PDT\$DII PROBLEM DESCRIPTION: CA Detector for Db2 for z/OS (PDT) may cause an OC4-38 when monitoring triggers and/or native SQL stored procedures after LU00768 is applied. SYMPTOMS: An SVC dump may be written. <table> <tr> <th>Symptom</th><th>Description</th></tr> <tr> <td>-----</td><td>-----</td></tr> <tr> <td>PIDS/5740XYR00</td><td>Program id: 5740XYR00</td></tr> <tr> <td>RIDS/UNKNOWN#L</td><td>Load module name: UNKNOWN</td></tr> <tr> <td>RIDS/UNKNOWN</td><td>Csect name: UNKNOWN</td></tr> <tr> <td>AB/S00C4</td><td>System abend code: 00C4</td></tr> <tr> <td>PRCS/00000038</td><td>Abend reason code: 00000038</td></tr> <tr> <td>REGS/906B8</td><td>Register/PSW difference for R09:-06B8</td></tr> <tr> <td>RIDS/DSNTFRCV#R</td><td>Recovery routine csect name: DSNTFRCV</td></tr> </table> IMPACT: The trigger or stored procedure processing will terminate. CIRCUMVENTION: This problem can be circumvented by specifying this: Triggered SQL ==> N (Y/N) on the DETECTOR Start Collection Display, or specifying this: TRG(N) in a START(DTR) command. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14807 ===== ABEND OC4 IN PDTDINCC AT SUBSYSTEM SHUTDOWN PROBLEM DESCRIPTION: CA Detector for Db2 for z/OS (PDT) may cause an OC4 at Db2 shutdown after LU00768 is applied. SYMPTOMS: The following messages will be seen in the XMANAGER log: SYSTEM COMPLETION CODE=OC4 REASON CODE=00000011 TIME=xx.xx.xx SEQ=xxxxx CPU=0000 ASID=xxxx PSW AT TIME OF ERROR 070D2000 AB676714 ILC 6 INTC 11 ACTIVE MODULE ADDRESS=00000000_xxxxxxxx OFFSET=00002714 NAME=PDTDINCC IMPACT: Low impact since collection and Db2 were terminating. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14850 Copyright (C) 2021 CA. All rights reserved. R01649-D200-SP1	Symptom	Description	-----	-----	PIDS/5740XYR00	Program id: 5740XYR00	RIDS/UNKNOWN#L	Load module name: UNKNOWN	RIDS/UNKNOWN	Csect name: UNKNOWN	AB/S00C4	System abend code: 00C4	PRCS/00000038	Abend reason code: 00000038	REGS/906B8	Register/PSW difference for R09:-06B8	RIDS/DSNTFRCV#R	Recovery routine csect name: DSNTFRCV
Symptom	Description																		
-----	-----																		
PIDS/5740XYR00	Program id: 5740XYR00																		
RIDS/UNKNOWN#L	Load module name: UNKNOWN																		
RIDS/UNKNOWN	Csect name: UNKNOWN																		
AB/S00C4	System abend code: 00C4																		
PRCS/00000038	Abend reason code: 00000038																		
REGS/906B8	Register/PSW difference for R09:-06B8																		
RIDS/DSNTFRCV#R	Recovery routine csect name: DSNTFRCV																		

Service	Details
	DESC (ABEND 0C4-38 IN PDT\$DII). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00402 LU00524 LU00549 LU00938 LU01002 LU01542 LU02554 R096168 R096580 R097707 R098429 R099556 S000263 S001400 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S007988 S008129 S008323 S008789 S009065 S010538 S010908 S011694 S011983 S012538 S012921 S014782 S015395 S015723 S016174) SUP (AL01542 AL02554 AS06334 AS08129 AS13450 AS13889 AS16113 BL01542 CL01542 DL01542 LT00240 LT00307 LT00329 LT00684 LT00768 LT01214 LT01215 LT01393 LT01467 LT01903 LT01933 LT01956 LT02108 LT02217 LT02220 LT02290 LT02706 LT02796 LT02944 LU00240 LU00329 LU00684 LU00768 LU01215 LU01393 LU01467 LU01933 LU02108 LU02220 LU02290 LU02706 LU02796 R099946 SI14306 S000423 S006838 S008446 S009239 S009828 S010018 S010492 S010521 S010652 S013450 S013655 S013889 S014338 S014397 S014680 S015843 S015927 S016113 ST00423 ST06838 ST07220 ST07988 ST08446 ST09239 ST09828 ST10018 ST10492 ST10521 ST10652 ST13450 ST13655 ST13889 ST14338 ST14397 ST14680 ST15843 ST15927 ST16113 TR99946) ++HOLD (LU02944) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21272) 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. </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
S014389	S014389 M.C.S. ENTRIES = ++PTF (S014389) NEW REQUIREMENT FOR DC TO CONNECT TO CA XMANAGER ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) introduces a new requirement of connecting to CA Xmanager. The data collector during its initialization checks if it can connect to the Xmanager instance specified with the PARMLIB XMANID parameter. A new system parameter XMANAGER-CHECK controls the data collector behavior for cases when the connection can not be established: - if XMANAGER-CHECK is set to WARN, a new warning message is issued to both JESLOG and DBGPRINT destinations and operation continues: DBG02196W FAILED TO CONNECT TO XMANID=XXXX, OPERATION CONTINUES DUE TO XMANAGER-CHECK=WARN This is the default parameter setting: XMANAGER-CHECK=WARN. - if XMANAGER-CHECK is set to FAIL, a new error message is issued to both JESLOG and DBGPRINT destinations and the data collector is terminated: DBG02197E FAILED TO CONNECT TO XMANAGER, PARMLIB XMANID=XXXX There are two connection attempts with a 10 seconds delay to let Xmanager initialization complete when it is started along with the data collector. - if XMANAGER-CHECK is set to QUIET, a new message is issued to the DBGPRINT destination and operation continues: DBG02195I FAILED TO CONNECT TO XMANID=XXXX, OPERATION CONTINUES DUE TO XMANAGER-CHECK=QUIET There is also a new informational message introduced to DBGPRINT to report successful connection to the Xmanager: DBG02194I DATA COLLECTOR SUCCESSFULLY CONNECTED TO XMANAGER. PARMLIB XMANID=XXXX Note, in future this new system parameter will be made obsolete, its value will be overridden to FAIL value enforcing the requirement for the data collector being connected to the Xmanager. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS

Service	Details	
	<pre> +-----+-----+ PURPOSE To ensure a new requirement of having the data collector connected to the CA Xmanager at start up is met. After this PTF is applied, the data collector during its initialization checks whether it can connect to the Xmanager instance specified with the PARMLIB XMANID parameter. A new system parameter XMANAGER-CHECK controls the behavior for cases when the connection can not be established: - XMANAGER-CHECK=WARN (default): a warning message DBG02196W is issued to both JESLOG and DBGPRINT destinations and initialization continues - XMANAGER-CHECK=FAIL: an error message DBG02197E is issued to both JESLOG and DBGPRINT destinations and initialization terminates - XMANAGER-CHECK=QUIET: a message DBG02195I is issued to DBGPRINT and initialization continues (Note: In the future, this new system parameter will be made obsolete, its value will be overridden to FAIL value enforcing the requirement for the data collector being connected to the Xmanager.) +-----+-----+ USERS The hold data are relevant for all customers who use AFFECTED CA SYSVIEW Performance Management Option for DB2 for z/OS. +-----+-----+ KNOWLEDGE Db2 Tools Post-Install process and CA SYSVIEW for Db2 REQUIRED configuration. +-----+-----+ ACCESS CA SYSVIEW for Db2 data collector SYSPARMS data set. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. If a data collector is already configured to connect to Xmanager, ensure Xmanager address space is started before the data collector. 2. If a data collector is not configured to connect to Xmanager: - Follow Db2 Tools post-install procedures to set Xmanager up - Ensure PTIPARM DD statement in the data collector JCL points to the same data set that the Xmanager JCL uses - Ensure Xmanager is started before the data collector 3. Optionally set the XMANAGER-CHECK parameter to FAIL to ensure the future requirement enforcement will not impact operations.). MCS LU02279 STARTS ON PAGE 0002 MCS LU02280 STARTS ON PAGE 0002 MCS LU02471 STARTS ON PAGE 0003 MCS LU02472 STARTS ON PAGE 0004 MCS LU02489 STARTS ON PAGE 0005 </pre>	

Service	Details		
	MCS	LU02516	STARTS ON PAGE 0006
	MCS	LU02577	STARTS ON PAGE 0007
	MCS	LU02597	STARTS ON PAGE 0008
	MCS	LU02609	STARTS ON PAGE 0009
	MCS	LU02614	STARTS ON PAGE 0010
	MCS	LU02633	STARTS ON PAGE 0011
	MCS	LU02634	STARTS ON PAGE 0011
	MCS	LU02641	STARTS ON PAGE 0013
	MCS	LU02642	STARTS ON PAGE 0014
	MCS	LU02646	STARTS ON PAGE 0015
	MCS	LU02661	STARTS ON PAGE 0016
	MCS	LU02665	STARTS ON PAGE 0017
	MCS	LU02706	STARTS ON PAGE 0021
	MCS	LU02708	STARTS ON PAGE 0023
	MCS	LU02762	STARTS ON PAGE 0024
	MCS	LU02767	STARTS ON PAGE 0024
	MCS	LU02785	STARTS ON PAGE 0025
	MCS	LU02796	STARTS ON PAGE 0026
	MCS	LU02800	STARTS ON PAGE 0028
	MCS	LU02808	STARTS ON PAGE 0029
	MCS	LU02813	STARTS ON PAGE 0030
	MCS	LU02829	STARTS ON PAGE 0032
	MCS	LU02841	STARTS ON PAGE 0033
	MCS	LU02866	STARTS ON PAGE 0033
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	MCS	LU02944	STARTS ON PAGE 0035
	MCS	SO14389	STARTS ON PAGE 0038

DB2 Tools 20.0
CA RS 2110 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 2110 Product/Component Count for this release is 27

CA RS Level	Service	FMID
CAR2110	S014389	CIDBK00
	LU02944	CPDTK00
	LU02894	CRCQK00
	LU02866	COFSK00
	LU02841	CIDBK00
	LU02829	CIDBK00
	LU02813	CINSK00
	LU02808	CINSK00
	LU02800	CIDBK00
	LU02796	CPDTK00
	LU02785	CPDAK00
	LU02767	CPLAK00
	LU02762	CUGRK00
	LU02708	CIDBK00
	LU02706	CPDTK00
	LU02665	CRCQK00
	LU02661	CINSK00
	LU02646	CIDBK00
	LU02642	CIDBK00
	LU02641	CPFLK00
	LU02634	CIDBK00
	LU02633	COFSK00
	LU02614	CINSK00
	LU02609	CINSK00
	LU02597	CRCQK00
	LU02577	CPBAK00
	LU02516	CIDBK00
	LU02489	CINSK00
	LU02472	CINSK00
	LU02471	CINSK00
	LU02280	COFSK00
	LU02279	CINSK00
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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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	CRCXK00
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	S015864	CINSK00
CAR2101	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	S014623	CINSK00
	S014615	CINSK00
	S014613	CPLAK00
	S014583	CINSK00
	S014570	COFSK00
	S014568	CUGRK00
	S014567	CPUTK00
	S014566	CINSK00
	S014565	CPDAK00
	S014531	CIDBK00
	S014502	CPUTK00
	S014501	CPFUK00
	S014500	CINSK00
	S014491	CINSK00
	S014483	CUGRK00
	S014452	CPLAK00
	S014433	CPFLK00
	S014428	CPUTK00
	S014427	CPFLK00
	S014426	CRCQK00
	S014404	CPRFK00
	S014401	CINSK00
	S014400	CPPAK00
	S014397	CPDTK00
	S014383	CPUTK00
	S014382	CPFUK00
	S014381	CINSK00
	S014338	CPDTK00
	S014335	CRCQK00
	S014310	CUTSK00
	S014307	CRCQK00
	S014299	CPDTK00
	S014298	CINSK00
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	S014254	CIDBK00
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00

CA RS Level	Service	FMID
	S013888	CINSK00
CAR2008	S014252	CPFLK00
	S014235	CPDTK00
	S014173	CINSK00
	S014168	CINSK00
	S014164	CIDBK00
	S014142	CPLAK00
	S014137	CPLAK00
	S014101	CRCQK00
	S014099	CIDBK00
	S014093	CIDBK00
	S014054	CPUTK00
	S014053	CPFUK00
	S014052	CINSK00
	S014036	CUGRK00
	S014035	CPUTK00
	S014034	CPRRK00
	S014033	CPLAK00
	S014032	CPFUK00
	S014031	CPFLK00
	S014030	CPDAK00
	S014029	CINSK00
	S014025	CPFLK00
	S014016	CIDBK00
	S013990	COFSK00
	S013988	CPPAK00
	S013987	CPDTK00
	S013986	CPDAK00
	S013985	CINSK00
	S013982	CSQ2100
	S013974	CINSK00
	S013973	CINSK00
	S013961	CPUTK00
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	S013887	CPDTK00
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00

CA RS Level	Service	FMID
	S013825	CIDBK00
	S013814	CINSK00
	S013807	CINSK00
	S013794	CINSK00
	S013781	COFSK00
	S013768	CUGRK00
	S013767	CPUTK00
	S013766	CPFUK00
	S013765	CPFLK00
	S013764	CINSK00
	S013758	COFSK00
	S013726	CINSK00
	S013711	CINSK00
	S013709	CPUTK00
	S013708	CPRRK00
	S013707	CPFUK00
	S013706	CPFLK00
	S013574	CINSK00
CAR2007	S013761	CPDTK00
	S013730	CPRFK00
	S013718	CPLAK00
	S013717	CINSK00
	S013686	CUGRK00
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	S013682	CINSK00
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00

CA RS Level	Service	FMID
	S013453	CINSK00
	S013450	CPDTK00
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00
	S013340	CINSK00
	S013273	CINSK00
	S012794	CINSK00
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00
	S013234	CPLAK00
	S013230	CINSK00
	S013229	CINSK00
	S013224	CPLAK00
	S013213	CINSK00
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	S013203	CPFLK00
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00

CA RS Level	Service	FMID
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	S012937	CRCXK00
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00

CA RS Level	Service	FMID
	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	CRCXK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00

CA RS Level	Service	FMID
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00

CA RS Level	Service	FMID
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00

CA RS Level	Service	FMID
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	S011693	CIDBK00
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00

CA RS Level	Service	FMID
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	S011323	CUGRK00
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00

CA RS Level	Service	FMID
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00

CA RS Level	Service	FMID
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00

CA RS Level	Service	FMID
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00

CA RS Level	Service	FMID
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCSK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00

CA RS Level	Service	FMID
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCSK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00

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

CA RS Level	Service	FMID
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	S008750	CINSK00
	S008728	CIDBK00
	S008684	CINSK00
	S008668	CUGRK00
	S008667	CPUTK00
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	S008644	CINSK00
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00

CA RS Level	Service	FMID
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00

CA RS Level	Service	FMID
	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	CRCCK00
	S007822	CRCQK00
	S007821	CRCMK00
	S007820	CPUTK00
	S007819	CPSAK00
	S007818	CPRRK00
	S007815	CPRFK00
	S007814	CPPAK00
	S007813	CPLAK00
	S007812	CPFUK00
	S007811	CPFLK00
	S007810	CPDTK00
	S007809	CPDAK00
	S007808	COFSK00
	S007807	CINSK00
	S007806	CIDBK00
	S007804	CAHOK00
	S007774	CINSK00
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00

CA RS Level	Service	FMID
CAR1903	S007169	CINSK00
	S007412	CINSK00
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00
	S007323	CINSK00
	S007204	CPSAK00
	S007167	CINSK00
	S006978	CINSK00
CAR1902	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
	S006718	CPLAK00
CAR1901	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
	S006494	CSQ2100
CAR1812	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00

CA RS Level	Service	FMID
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRC SK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00

CA RS Level	Service	FMID
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00
	S004756	CINSK00
CAR1808	S004720	CRCUK00
	S004719	CRCMK00
	S004718	CINSK00
	S004475	CUGRK00
	S004474	CTGRK00
	S004473	CRCXK00
	S004472	CRCUK00
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	S004468	CPSAK00
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00

CA RS Level	Service	FMID
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCCK00
	S001641	CPLAK00
CAR1805	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00

CA RS Level	Service	FMID
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00
	S000977	CSQ2100
	S000975	CPLAK00
	S000894	CUGRK00
	S000893	CPUTK00
	S000871	CPSAK00
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	S000846	CPRRK00
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00

CA RS Level	Service	FMID
	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	CRCSK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00

CA RS Level	Service	FMID
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRCCK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00

CA RS Level	Service	FMID
	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