

CA DB2 Tools 20.0
CA RS 2101 Service List

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Service	Description	Type
S015709	IBM UTILITY DETECTION	PTF
S015710	IBM UTILITY DETECTION	PTF
S015711	IBM UTILITY DETECTION	PTF
S015760	SQL ERROR -117 WHEN USING OLM MANAGER	PTF
S015761	HIGH CPU USAGE BY NAHWMTSK	PTF
S015770	SOC4 ABEND IN RALSIX2 FOR INDEX WITH DESC COLUMN	PTF
S015774	ERROR ON IMPORT FROM CDBASQL(PRFQUERY)/SUPPORT SCREEN UPDATE	PTF
S015775	DEFAULT BLKSIZE 27990 INSTEAD OF 27998 FOR SPACE CALCULATION	PTF
S015789	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
S015804	TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE	PTF
S015805	TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE	PTF
S015806	TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE	PTF
S015807	TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE	PTF
S015816	RCQ LOAD UTILITY JOB FAILS WITH S04E	PTF
S015843	CALL STATEMENT MAY HAVE INFLATED INDB2_CPU	PTF
S015863	SQL CODE -502 FOR A CPC CURSOR IN PTACBL2A	PTF
S015867	INCORRECT SECQTY VALUES ARE GENERATED FOR TABLESPACE	PTF
S015868	SHOW ADDITIONAL DSNZPARMS ON THE DSNZPARM DISPLAY	PTF
S015895	DML REPORT CRASHES WITH S478 AFTER MESSAGE LAE0071W,RSN=28	PTF
S015908	PTF S015690 FOR PPADB2 1028 MAY CAUSE BIND ERROR ISPF103	** PRP **
S015913	INCORRECT PROCESSING OF PROFILE-EXCEPTIONS RECORD	PTF
S015927	ABEND S0D5 IN DB2	PTF
S015931	SECONDARY EXTENTS ALLOCATION ISSUE FOR SAVEIFI FILES	PTF
S015935	PSA MAY ABEND WITH OC4 IN PSACGEC2+08FC	PTF
S015937	USER ABEND 987 (X'3DB') WITH ENCRYPTED DATA SETS	PTF
S015938	USER ABEND 987 (X'3DB') WITH ENCRYPTED DATA SETS	PTF
S015939	USER ABEND 987 (X'3DB') WITH ENCRYPTED DATA SETS	PTF
S015998	INSERT SYSTABSTATS SQL STATEMENT HAS TSNAME VALUE AS BLANK	PTF
S016001	SOC4 IN CSLSCROL WHEN UPDATING COMPARE IF FUNCTION PRIMARY	PTF
S016024	ICL TABLE CREATE REFERS WRONG TABLESPACE	PTF
S016031	USING UPS WITH PARALLEL UNLOAD MAY NOT GENERATE	PTF
S016032	THE MERGED DDL INCOMPLETE FROM MERGE DDL PROCESS	PTF
S016040	USER HANGS DUE TO LOOP IN CSASOMSV	PTF
The CA RS 2101 service count for this release is 33		

CA DB2 Tools
CA RS 2101 Service List for CIDBK00

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FMID	Service	Description	Type
CIDBK00	S015761	HIGH CPU USAGE BY NAHWMTSK	PTF
	S015913	INCORRECT PROCESSING OF PROFILE-EXCEPTIONS RECORD	PTF
	S015931	SECONDARY EXTENTS ALLOCATION ISSUE FOR SAVEIFI FILES	PTF
The CA RS 2101 service count for this FMID is 3			

CA DB2 Tools
CA RS 2101 Service List for CINSK00

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FMID	Service	Description	Type
CINSK00	S015709	IBM UTILITY DETECTION	PTF
	S015760	SQL ERROR -117 WHEN USING OLM MANAGER	PTF
	S015770	SOC4 ABEND IN RALSIX2 FOR INDEX WITH DESC COLUMN	PTF
	S015789	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	S015804	TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE	PTF
	S015863	SQL CODE -502 FOR A CPC CURSOR IN PTACBL2A	PTF
	S015867	INCORRECT SECQTY VALUES ARE GENERATED FOR TABLESPACE	PTF
	S015868	SHOW ADDITIONAL DSNZPARMS ON THE DSNZPARM DISPLAY	PTF
	S015908	PTF S015690 FOR PPADB2 1028 MAY CAUSE BIND ERROR ISPF103	** PRP **
	S015937	USER ABEND 987 (X'3DB') WITH ENCRYPTED DATA SETS	PTF
	S015998	INSERT SYSTABSTATS SQL STATEMENT HAS TSNAME VALUE AS BLANK	PTF
	S016001	SOC4 IN CSLSCROL WHEN UPDATING COMPARE IF FUNCTION PRIMARY	PTF
	S016024	ICL TABLE CREATE REFERS WRONG TABLESPACE	PTF
	S016031	USING UPS WITH PARALLEL UNLOAD MAY NOT GENERATE	PTF
	S016032	THE MERGED DDL INCOMPLETE FROM MERGE DDL PROCESS	PTF
	S016040	USER HANGS DUE TO LOOP IN CSASOMSV	PTF
The CA RS 2101 service count for this FMID is 16			

CA DB2 Tools
CA RS 2101 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	S015843	CALL STATEMENT MAY HAVE INFLATED INDB2_CPU	PTF
	S015927	ABEND S0D5 IN DB2	PTF
The CA RS 2101 service count for this FMID is 2			

CA DB2 Tools
CA RS 2101 Service List for CPFLK00

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FMID	Service	Description	Type
CPFLK00	S015938	USER ABEND 987 (X'3DB') WITH ENCRYPTED DATA SETS	PTF
The CA RS 2101 service count for this FMID is 1			

CA DB2 Tools
CA RS 2101 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	SO15805	TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE	PTF
The CA RS 2101 service count for this FMID is 1			

CA DB2 Tools
CA RS 2101 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	S015895	DML REPORT CRASHES WITH S478 AFTER MESSAGE LAE0071W,RSN=28	PTF
The CA RS 2101 service count for this FMID is 1			

CA DB2 Tools
CA RS 2101 Service List for CPRFK00

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FMID	Service	Description	Type
CPRFK00	S015774	ERROR ON IMPORT FROM CDBASQL (PRFQUERY) /SUPPORT SCREEN UPDATE	PTF
	S015775	DEFAULT BLKSIZE 27990 INSTEAD OF 27998 FOR SPACE CALCULATION	PTF
The CA RS 2101 service count for this FMID is 2			

CA DB2 Tools
CA RS 2101 Service List for CPSAK00

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FMID	Service	Description	Type
CPSAK00	SO15935	PSA MAY ABEND WITH OC4 IN PSACGEC2+08FC	PTF
The CA RS 2101 service count for this FMID is 1			

CA DB2 Tools
CA RS 2101 Service List for CPUTK00

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FMID	Service	Description	Type
CPUTK00	S015710	IBM UTILITY DETECTION	PTF
	S015939	USER ABEND 987 (X'3DB') WITH ENCRYPTED DATA SETS	PTF
The CA RS 2101 service count for this FMID is 2			

CA DB2 Tools
CA RS 2101 Service List for CRCQK00

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FMID	Service	Description	Type
CRCQK00	S015816	RCQ LOAD UTILITY JOB FAILS WITH S04E	PTF
The CA RS 2101 service count for this FMID is 1			

CA DB2 Tools
CA RS 2101 Service List for CRCUK00

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FMID	Service	Description	Type
CRCUK00	SO15806	TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE	PTF
The CA RS 2101 service count for this FMID is 1			

CA DB2 Tools
CA RS 2101 Service List for CRCXK00

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FMID	Service	Description	Type
CRCXK00	SO15807	TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE	PTF
The CA RS 2101 service count for this FMID is 1			

CA DB2 Tools
CA RS 2101 Service List for CUGRK00

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FMID	Service	Description	Type
CUGRK00	S015711	IBM UTILITY DETECTION	PTF
The CA RS 2101 service count for this FMID is 1			

Service	Details
SO15709	SO15709 M.C.S. ENTRIES = ++PTF (SO15709) IBM UTILITY DETECTION ENHANCEMENT DESCRIPTION: CA Quick Copy for DB2 for z/OS (PQC) can now detect whether IBM LOAD or REORG is processing the selected tablespaces before it creates the image copies. This feature is activated through a new PQC-IBM-UTILITY-DETECTION parameter in hlq.CDBAPARM(UTIL). When YES is specified for this parameter, PQC checks for IBM utility usage when you submit a copy job that uses SHRLEVEL CHANGE, REFERENCE, or ANY. If IBM LOAD or REORG is using any of the tablespaces, PQC terminates with RC=8 and issues message PQC9108E, which lists the tablespaces that are in use: PQC9108E - Detected objects that are in use by an IBM utility. dbname1.tsname1 DSNUM number1 BY utility1 dbname2.tsname2 DSNUM number2 BY utility2 ... dbnameN.tsnameN DSNUM numberN BY utilityN PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PQC 878 Copyright (C) 2020 CA. All rights reserved. R01183-D200-SP1 DESC(IBM UTILITY DETECTION). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004455 S006113 S006863 S007807 S008869 S009761 S010004 S010173 S011078 S011084 S012715 S014174 S014381 S014566 S014771 S015311) SUP (ST12171 ST14284 ST15709) ++IF FMID(CPUTK00) REQ(SO15710) . ++IF FMID(CUGRK00) REQ(SO15711) . ++HOLD (SO15709) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20339) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ </pre>

Service	Details																		
	***** * 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. <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Base In</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.).	CA DBM Solutions for DB2 for z/OS Base In	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization.	ACCESS	1. CA DB2 Tools Post Install	REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.
CA DBM Solutions for DB2 for z/OS Base In	Version 20.0																		
SEQUENCE	After Apply																		
PURPOSE	Bind Plans and Packages																		
USERS																			
AFFECTED	All Users																		
KNOWLEDGE																			
REQUIRED	CA DB2 Tools Post Install Customization.																		
ACCESS	1. CA DB2 Tools Post Install																		
REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.																		

Service	Details
SO15710	SO15710 M.C.S. ENTRIES = ++PTF (SO15710) IBM UTILITY DETECTION ENHANCEMENT DESCRIPTION: CA Quick Copy for DB2 for z/OS (PQC) can now detect whether IBM LOAD or REORG is processing the selected tablespaces before it creates the image copies. This feature is activated through a new PQC-IBM-UTILITY-DETECTION parameter in hlq.CDBAPARM(UTIL). When YES is specified for this parameter, PQC checks for IBM utility usage when you submit a copy job that uses SHRLEVEL CHANGE, REFERENCE, or ANY. If IBM LOAD or REORG is using any of the tablespaces, PQC terminates with RC=8 and issues message PQC9108E, which lists the tablespaces that are in use: PQC9108E - Detected objects that are in use by an IBM utility. dbname1.tsname1 DSNUM number1 BY utility1 dbname2.tsname2 DSNUM number2 BY utility2 ... dbnameN.tsnameN DSNUM numberN BY utilityN PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PQC 878 Copyright (C) 2020 CA. All rights reserved. R01183-D200-SP1 DESC(IBM UTILITY DETECTION). ++VER (Z038) FMID (CPUTK00) PRE (R096590 R098969 S000024 S001659 S004469 S006068 S006127 S006874 S010196 S011999 S012153 S012278 S012529 S013098 S014773) SUP (ST15710) ++IF FMID(CUGRK00) REQ(SO15711) . ++IF FMID(CINSK00) REQ(SO15709) . ++HOLD (SO15710) SYSTEM FMID(CPUTK00) REASON (MSGSKEL) DATE (20339) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Utilities Common Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+ </pre>

Service	Details
	***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).

Service	Details
S015711	M.C.S. ENTRIES = ++PTF (S015711) IBM UTILITY DETECTION ENHANCEMENT DESCRIPTION: CA Quick Copy for DB2 for z/OS (PQC) can now detect whether IBM LOAD or REORG is processing the selected tablespaces before it creates the image copies. This feature is activated through a new PQC-IBM-UTILITY-DETECTION parameter in hlq.CDBAPARM(UTIL). When YES is specified for this parameter, PQC checks for IBM utility usage when you submit a copy job that uses SHRLEVEL CHANGE, REFERENCE, or ANY. If IBM LOAD or REORG is using any of the tablespaces, PQC terminates with RC=8 and issues message PQC9108E, which lists the tablespaces that are in use: PQC9108E - Detected objects that are in use by an IBM utility. dbname1.tsname1 DSNUM number1 BY utility1 dbname2.tsname2 DSNUM number2 BY utility2 ... dbnameN.tsnameN DSNUM numberN BY utilityN PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PQC 878 Copyright (C) 2020 CA. All rights reserved. R01183-D200-SP1 DESC(IBM UTILITY DETECTION). ++VER (Z038) FMID (CUGRK00) PRE (R096595 R099574 S000029 S000201 S000788 S001660 S003816 S004251 S004475 S006069 S006132 S006879 S007826 S008280 S009132 S009595 S009748 S009903 S010044 S010819 S011605 S011686 S011929 S012155 S012279 S012530 S013768 S015609) SUP (S004048 S009974 ST04048 ST09825 ST09907 ST09974 ST14286 ST15711) ++IF FMID(CPUTK00) REQ(S015710) . ++IF FMID(CINSK00) REQ(S015709) . ++HOLD (S015711) SYSTEM FMID(CUGRK00) REASON (DB2BIND) DATE (20339) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization +-----+)

Service	Details
	<pre> ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** 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.). ++HOLD (SO15711) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (20339) COMMENT (+-----+-----+ CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). </pre>

Service	Details
SO15760	SO15760 M.C.S. ENTRIES = ++PTF (SO15760) SQL ERROR -117 WHEN USING OLM MANAGER ENHANCEMENT DESCRIPTION: This addresses SQL error -117 when using OLM with Decimal point set to a comma ','. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 487 Copyright (C) 2020 CA. All rights reserved. R01187-D200-SP1 DESC(SQL ERROR -117 WHEN USING OLM MANAGER). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S001396 S004455 S006113 S007807 S009761 S012547) SUP (ST15760)

Service	Details
SO15761	SO15761 M.C.S. ENTRIES = ++PTF (SO15761) HIGH CPU USAGE BY NAHWMTSK Problem description: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) does not correctly process the HWM-GRP-TOTAL-CHANGED field. This only happens when HWM-SAMP-INT contains a non-zero value. Symptoms: The HWM-GRP-TOTAL-CHANGED contains wrong data. In a 'worst case' scenario NAHWMTSK experiences recoverable SOC4 abends which may lead to high CPU consumption. Impact: The HWM-GRP-TOTAL-CHANGED field is unusable. High CPU consumption. Circumvention: Turn off the HWM processing, HWM-SAMP-INT=0 PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2543 Copyright (C) 2020 CA. All rights reserved. R01188-D200-SP1 DESC(HIGH CPU USAGE BY NAHWMTSK) . ++VER (Z038) FMID (CIDBK00) PRE (S001395 S006862 S010906 S012536) SUP (ST15761) CSECT(NGRWHMC,NGRWHM) . CSECT(NGRWHMC,NGRWHM) . CSECT(NGRWHMC,NGRWHM) .

Service	Details
SO15770	SO15770 M.C.S. ENTRIES = ++PTF (SO15770) SOC4 ABEND IN RALSIX2 FOR INDEX WITH DESC COLUMN PROBLEM DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) Extract Procedure (EP) may abend with SOC4 in module RALSIX2 in program INITSTAT during the collection of statistics. The abend occurs when the index has at least 2 columns, one or more columns in the index key is specified with descending order (DESC), and the following EP settings: Collection Type ==> R (Regular) or F (Fast) Column Statistics ==> I (Index) or A (All) SYMPTOMS: The Extract Procedure job output PTIMSG will show the following messages: Collection of X2 - creator.index-name - Started hh:mm:ss Collection of X2 - creator.index-name - Abend0C4 hh:mm:ss Following or similar symptom dump can be found in JESMSLG output: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=hh.mm.ss SEQ=23222 CPU=0000 ASID=0390 PSW AT TIME OF ERROR 078D2000 BB203D6A ILC 6 INTC 11 ACTIVE MODULE ADDRESS=00000000_3B1F9000 OFFSET=0000AD6A NAME=RALSIX2 DATA AT PSW 3B203D64 - 19104740 CA94D7FF E000F000 AR/GR 0: 00000000/00000000_000000FF 1: 00000000/00000000_0000040B 2: FFFFFFFF/00000000_3B20702C 3: FFFFFFFF/FFFFFFF_0000007F 4: FFFFFFFF/FFFFFFF_000097C0 5: FFFFFFFF/FFFFFFF_000F74E8 6: FFFFFFFF/FFFFFFF_0001C1AC 7: FFFFFFFF/FFFFFFF_000097C0 8: FFFFFFFF/FFFFFFF_0000A000 9: FFFFFFFF/FFFFFFF_3B478850 A: FFFFFFFF/FFFFFFF_3B479040 B: FFFFFFFF/FFFFFFF_3B1F9E50 C: FFFFFFFF/FFFFFFF_3B2032F0 D: FFFFFFFF/00000000_00185000 E: 00000000/00000000_3B20702C F: 00000000/00000000_3B204298 The Abend analysis software may indicate SOC4 abend in program INITSTAT with abending instruction XC - EXCLUSIVE OR (CHARACTER). IMPACT: The Execution Procedure job fails. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 1371 Copyright (C) 2020 CA. All rights reserved. R01190-D200-SP1 DESC(SOC4 ABEND IN RALSIX2 FOR INDEX WITH DESC COLUMN). ++VER (Z038) FMID (CINSK00) PRE (SO00016 SO05011 SO11234) SUP (AS11234 SO08016 SO10639 SO13320 ST08016 ST10639 ST13320 ST15770) CSECT(RAASIX2,OPENDB,OPENERR,COLLESTG,IDPKEYDP,IXDIRPAG,INITSTAT,HIGHVALS).

Service	Details
SO15774	SO15774 M.C.S. ENTRIES = ++PTF (SO15774) ERROR ON IMPORT FROM CDBASQL(PRFQUERY)/SUPPORT SCREEN UPDATE PROBLEM DESCRIPTION: CA Report Facility (PRF) imports sample product-based SQL SELECT queries from hlq.CDBASQL(PRFQUERY) and ends with error message PRF0451E - THE DATASET HAS BEEN ALTERED SINCE EXPORT AND CANNOT BE USED. In an unrelated problem, the PRF Product Support help screen displayed outdated contact information which is corrected. SYMPTOMS: The PRF import of the sample SELECT queries in the PRFQUERY member of the hlq.CDBASQL library ends with the following error message: PRF0451E - THE DATASET HAS BEEN ALTERED SINCE EXPORT AND CANNOT BE USED. IMPACT: PRF users cannot import the sample SELECT queries in the PRFQUERY member of the hlq.CDBASQL library using the IMPORT command. CIRCUMVENTION: Copy the SELECT queries from the PRFQUERY member of the hlq.CDBASQL library and create the PRF queries manually. PRODUCT(S) AFFECTED: CA Report Facility Version 20.0 Related Problem: BIPRF 730 Copyright (C) 2020 CA. All rights reserved. R01192-D200-SP1 DESC(ERROR ON IMPORT FROM CDBASQL(PRFQUERY)/SUPPORT SCREEN UPDATE) . ++VER (Z038) FMID (CPRFK00) PRE (SO14675) SUP (ST15774) ++HOLD (SO15774) SYSTEM FMID(CPRFK00) REASON (ACTION) DATE (20335) COMMENT (<pre> +-----+ CA Report Facility for TSO Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Implement screen changes +-----+-----+ USERS AFFECTED CA Report Facility Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. Update Access to target libraries +-----+-----+ ***** * STEPS TO PERFORM * ***** This PTF contains CA Report Facility Screen changes. 1. Please repro the SCREEN members into the appropriate screens VSAM </pre>

Service	Details
	file(s) using the installation customization steps for CA Report Facility.).

Service	Details
SO15775	SO15775 M.C.S. ENTRIES = ++PTF (SO15775) DEFAULT BLKSIZE 27990 INSTEAD OF 27998 FOR SPACE CALCULATION ENHANCEMENT DESCRIPTION: When the CA Report Facility (PRF) allocates an extract or print dataset, PRF estimates the dataset space parameters. When the Maximum BLKSIZE in the system profile is set to 0, PRF uses a default value to estimate the BLKSIZE that will be determined by the system. The default value for the Maximum BLKSIZE is changed from 27998 to 27990 for space calculation to support both encrypted and non-encrypted datasets. PRODUCT(S) AFFECTED: CA Report Facility for TSO Version 20.0 Related Problem: BIPRF 729 Copyright (C) 2020 CA. All rights reserved. R01193-D200-SP1 DESC(DEFAULT BLKSIZE 27990 INSTEAD OF 27998 FOR SPACE CALCULATION) . ++VER (Z038) FMID (CPRFK00) PRE (R097712 R099562 S004464 S006443) SUP (ST15775) ++IF FMID(CPRFK01) REQ(S015776) . ++IF FMID(CPRFK02) REQ(S015777) . CSECT(XXXXCSP) .

Service	Details
SO15789	SO15789 M.C.S. ENTRIES = ++PTF (SO15789) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of internal version string format changes needed for a planned architectural enhancement. These updates require no action on your part. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 1444 Copyright (C) 2020 CA. All rights reserved. R01194-D200-SP1 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CINSK00) PRE (R099553 S000016 S001396 S006113 S009860 S012851) SUP (ST15789)

Service	Details						
SO15804	SO15804 M.C.S. ENTRIES = ++PTF (SO15804) TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE ENHANCEMENT DESCRIPTION: Support has been added in CA RC/Migrator for DB2 for z/OS (RCM),), CA RC/Compare for DB2 for z/OS (RCC), and CA RC/Update for DB2 for z/OS (RCU) the Db2 12 INSERT ALGORITHM clause. The INSERT ALGORITHM clause is now included while generating CREATE TABLESPACE DDL on Db2 12 V12R1M500 or higher subsystem. PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for Z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for Z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for Z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3078 Copyright (C) 2020 CA. All rights reserved. R01196-D200-SP1 DESC(TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S001396 S001896 S004455 S004718 S004855 S005199 S006113 S006286 S006638 S006863 S007323 S007379 S007807 S008278 S008606 S008662 S008957 S009105 S009183 S009356 S009417 S009799 S009860 S010004 S010974 S011691 S011866 S011966 S012361 S012650 S012751 S012817 S012933 S013071 S013193 S013484 S013930 S013985 S014125 S014282 S014615 S014716 S014832) SUP (AR97704 AS01396 BS07379 CS07379 R099748 S000343 S001905 S005237 S008198 S008202 S008262 S008291 S008414 S008684 S008856 S009126 S009546 S009602 S009790 S009839 S010021 S010331 S010437 S010512 S010631 S010763 S010815 S010827 S010978 S011048 S011231 S011255 S011696 S011806 S011942 S011988 S012031 S012042 S012249 S012524 S012829 S013154 S013229 S013539 S013814 S013878 S013974 S014623 S015444 S015449 S015506 ST00343 ST01905 ST05065 ST05237 ST07198 ST07444 ST08198 ST08202 ST08262 ST08291 ST08395 ST08414 ST08684 ST08856 ST08916 ST09126 ST09530 ST09546 ST09565 ST09602 ST09790 ST09791 ST09839 ST10021 ST10331 ST10437 ST10512 ST10631 ST10763 ST10815 ST10827 ST10978 ST11048 ST11231 ST11255 ST11696 ST11806 ST11942 ST11988 ST12031 ST12042 ST12249 ST12511 ST12524 ST12829 ST13154 ST13229 ST13539 ST13814 ST13878 ST13974 ST14623 ST15444 ST15449 ST15506 ST15804 TR99748) ++IF FMID(CPFUK00) REQ(SO15805) . ++IF FMID(CRCUK00) REQ(SO15806) . ++IF FMID(CRCXK00) REQ(SO15807) . ++HOLD (SO15804) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20339) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0	CA RC/Migrator for DB2 for Z/OS	Version 20.0	CA RC/Compare for DB2 for Z/OS	Version 20.0	CA RC/Update for DB2 for Z/OS	Version 20.0
CA RC/Migrator for DB2 for Z/OS	Version 20.0						
CA RC/Compare for DB2 for Z/OS	Version 20.0						
CA RC/Update for DB2 for Z/OS	Version 20.0						

Service	Details
	<pre> +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). ++HOLD (SO15804) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (20339) COMMENT (+-----+-----+ 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 </pre>

Service	Details
	1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). CSECT (CDA@CTRG,#@XFCALN) . CSECT (RIAIALT5,ALT5DATA) . CSECT (RMA\$CALT,#@XFCALN) . CSECT (RMA\$CEI,SWAPAREA) . CSECT (RMA\$CET,SWAPAREA) . CSECT (RMA\$CETS,SWAPAREA) . CSECT (RMA\$CIMP,#@XFCALN) . CSECT (RMA@BACK,SWAPAREA) . CSECT (RMA@CMNP,#@XFCALN) . CSECT (RMA@CSTA,RMA@@XT1,RMA@@XT2,RMA@@XT3,RMA@@XT4,RMA@@XT5,RMA@@XT6,RMA@@XT7) . CSECT (RMA@DDL,#@XFCALN) . CSECT (RMA@EDIT,RMX@EDIT) . CSECT (RMA@REP,HEADER2,PAIRHDR2,PAIRHD2V,PAIRHD2A,PAIRH2AV,PAIRHDR3,PAIRHD3V,NDELHDR2,NDELHDR3,EQUALLIN,NOCHGLIN,END_LINE,UNEWHC,EDROPHC,PUNPRC,SHDRC,CHDRC,LSRCAC,LTRGAC) . CSECT (RMA@REP4,NDELHD4A,NDELHD4B) . CSECT (RMA@REP5,PAIRHD5A,PAIRHD5B,PAIRHD5C,NDELHD5A,NDELHD5B,UNEWHC5,EDROPC) . CSECT (RMA@SCHK,#@XFCALN) . CSECT (RMA@WICL,#@XFCALN) . CSECT (RMAXMAX,#@XFCALN) . CSECT (ROADDL,ROMDDL) . CSECT (ROASSCC,SSCCDS@P,DFLOATC,SSCCCF#S) . CSECT (ROASSCE,ROASSCEX) . CSECT (ROASSCS,SSCS@TOK,ROXSSCS,BUILDTS,SSCSDS@P,SSCSCDEF,SSCSSI,SSCSCALC,DFLOATS,SSCSCF#S) . CSECT (ROATSALC,VDEFC,VDELCT,TSALCFE0,TSALCPGV,COLCSECT,ROATS\$01,XPLDDATA,PDASTS02) . CSECT (ROATSHDR,ROMTSSPF) .

Service	Details						
SO15805	SO15805 M.C.S. ENTRIES = ++PTF (SO15805) TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE ENHANCEMENT DESCRIPTION: Support has been added in CA RC/Migrator for DB2 for z/OS (RCM),), CA RC/Compare for DB2 for z/OS (RCC), and CA RC/Update for DB2 for z/OS (RCU) the Db2 12 INSERT ALGORITHM clause. The INSERT ALGORITHM clause is now included while generating CREATE TABLESPACE DDL on Db2 12 V12R1M500 or higher subsystem. PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for Z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for Z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for Z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3078 Copyright (C) 2020 CA. All rights reserved. R01196-D200-SP1 DESC(TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE). ++VER (Z038) FMID (CPFUK00) PRE (R099558 S001402 S001818 S004460 S007381 S009107 S011968 S012363 S012934) SUP (ST08865 ST08980 ST09009 ST15805) ++IF FMID(CRCUK00) REQ(SO15806) . ++IF FMID(CRCXK00) REQ(SO15807) . ++IF FMID(CINSK00) REQ(SO15804) .	CA RC/Migrator for DB2 for Z/OS	Version 20.0	CA RC/Compare for DB2 for Z/OS	Version 20.0	CA RC/Update for DB2 for Z/OS	Version 20.0
CA RC/Migrator for DB2 for Z/OS	Version 20.0						
CA RC/Compare for DB2 for Z/OS	Version 20.0						
CA RC/Update for DB2 for Z/OS	Version 20.0						

Service	Details						
SO15806	SO15806 M.C.S. ENTRIES = ++PTF (SO15806) TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE ENHANCEMENT DESCRIPTION: Support has been added in CA RC/Migrator for DB2 for z/OS (RCM),), CA RC/Compare for DB2 for z/OS (RCC), and CA RC/Update for DB2 for z/OS (RCU) the Db2 12 INSERT ALGORITHM clause. The INSERT ALGORITHM clause is now included while generating CREATE TABLESPACE DDL on Db2 12 V12R1M500 or higher subsystem. PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for Z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for Z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for Z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3078 Copyright (C) 2020 CA. All rights reserved. R01196-D200-SP1 DESC(TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE). ++VER (Z038) FMID (CRCUK00) PRE (SO11867 SO11970 SO12365 SO12936 SO14833) SUP (ST12477 ST15806) ++IF FMID(CPFUK00) REQ(SO15805) . ++IF FMID(CRCXK00) REQ(SO15807) . ++IF FMID(CINSK00) REQ(SO15804) .	CA RC/Migrator for DB2 for Z/OS	Version 20.0	CA RC/Compare for DB2 for Z/OS	Version 20.0	CA RC/Update for DB2 for Z/OS	Version 20.0
CA RC/Migrator for DB2 for Z/OS	Version 20.0						
CA RC/Compare for DB2 for Z/OS	Version 20.0						
CA RC/Update for DB2 for Z/OS	Version 20.0						

Service	Details						
SO15807	SO15807 M.C.S. ENTRIES = ++PTF (SO15807) TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE ENHANCEMENT DESCRIPTION: Support has been added in CA RC/Migrator for DB2 for z/OS (RCM),), CA RC/Compare for DB2 for z/OS (RCC), and CA RC/Update for DB2 for z/OS (RCU) the Db2 12 INSERT ALGORITHM clause. The INSERT ALGORITHM clause is now included while generating CREATE TABLESPACE DDL on Db2 12 V12R1M500 or higher subsystem. PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for Z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for Z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for Z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3078 Copyright (C) 2020 CA. All rights reserved. R01196-D200-SP1 DESC(TOLERATION SUPPORT INSERT ALGORITHM CLAUSE FOR TABLESPACE). ++VER (Z038) FMID (CRCXK00) PRE (R099572 R099853 S000027 S001416 S007384 S009110 S011079 S011868 S011971 S012366 S012937) SUP (ST08868 ST08983 ST09012 ST15807) ++IF FMID(CPFUK00) REQ(SO15805) . ++IF FMID(CRCUK00) REQ(SO15806) . ++IF FMID(CINSK00) REQ(SO15804) . CSECT(RXA\$DDL1,#@XFCALN) . CSECT(RXA\$RIKY,#@XFCALN) . CSECT(RXA\$XPT0,#@XFCALN) . CSECT(RXA@ALT2,#@XFCALN) .	CA RC/Migrator for DB2 for Z/OS	Version 20.0	CA RC/Compare for DB2 for Z/OS	Version 20.0	CA RC/Update for DB2 for Z/OS	Version 20.0
CA RC/Migrator for DB2 for Z/OS	Version 20.0						
CA RC/Compare for DB2 for Z/OS	Version 20.0						
CA RC/Update for DB2 for Z/OS	Version 20.0						

Service	Details
SO15816	SO15816 M.C.S. ENTRIES = ++PTF (SO15816) RCQ LOAD UTILITY JOB FAILS WITH S04E PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the LOAD utility job fails when the RCQ UNLOAD generated SYSREC file is used to process the LOAD operation. SYMPTOMS: The RCQ LOAD utility job fails with the following message: DSNU017I 329 08:48:28.35 DSNUGBAC - UTILITY DATA BASE SERVICES MEMORY EXECUTION ABENDED, REASON=X'00E40347' CAUSE=X'00E40323' IMPACT: The RCQ LOAD utility processing cannot be completed successfully. CIRCUMVENTION: Use the HEADER NONE parameter while performing the RCQ UNLOAD. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1625 Copyright (C) 2020 CA. All rights reserved. R01197-D200-SP1 DESC(RCQ LOAD UTILITY JOB FAILS WITH S04E) . ++VER (Z038) FMID (CRCQK00) PRE (S010430) SUP (ST15816)

Service	Details	
SO15843	SO15843 M.C.S. ENTRIES = ++PTF (SO15843)	
	CALL STATEMENT MAY HAVE INFLATED INDB2_CPU	
	PROBLEM DESCRIPTION:	
	CA Detector for DB2 for z/OS (PDT) may over-report the Db2 resources that are used by a program which calls a stored procedure. The CALLSTMT, which uses a small amount of Db2 resources, may show a significant amount of INDB2_CPU in error.	
	SYMPTOMS:	
	High INDB2_CPU for CALLSTMTs.	
	IMPACT:	
	Over-reporting and misleading Db2 resource utilization on CALLSTMTs.	
	CIRCUMVENTION:	
	N/A	
	PRODUCT(S) AFFECTED:	
	CA Detector for DB2 for z/OS	Version 20.0
	Related Problem:	
	PDT 1721	
	Copyright (C) 2020 CA. All rights reserved. R01199-D200-SP1	
	DESC(CALL STATEMENT MAY HAVE INFLATED INDB2_CPU).	
	++VER (Z038)	
	FMID (CPDTK00)	
	PRE (R096168 R096580 R097707 R098429 R099556 S000263	
	S003942 S004458 S004757 S006116 S006334 S006865	
	S007810 S007988 S008129 S008323 S008789 S009065	
	S010018 S010538 S010908 S011694 S011983 S012538	
	S012921 S013889 S014338)	
	SUP (AS06334 AS08129 AS13450 R099946 S000423 S006838	
	S008446 S009828 S010492 S010652 S013450 S013655	
	S014680 ST00423 ST06838 ST08446 ST09828 ST10492	
	ST10652 ST13450 ST13655 ST14680 ST15843 TR99946)	
	++HOLD (SO15843) SYSTEM FMID(CPDTK00)	
	REASON (RESTART) DATE (20343)	
	COMMENT (	
	+-----+	
	CA Detector for DB2 for z/OS	Version 20.0
	+-----+	
	SEQUENCE	Before Apply
	+-----+	
	PURPOSE	Avoidance of module mismatch related errors in an Xmanager
	+-----+	
	USERS	Collections of DB2 statistics via Detector or Subsystem
	AFFECTED	Analyzer.
		DB2 subsystems that have active collections.
	+-----+	
	KNOWLEDGE	1. SMP/E
	REQUIRED	2. z/OS System Programming
		3. CA DB2 Tools Installation and Maintenance procedures.
	+-----+	
	ACCESS	1. Product runtime libraries.
	REQUIRED	
	+-----+	

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

Service	Details
SO15863	SO15863 M.C.S. ENTRIES = ++PTF (SO15863) SQL CODE -502 FOR A CPC CURSOR IN PTACBL2A PROBLEM DESCRIPTION: CA Database Management Solutions for DB2 for z/OS may issue SQL code -502 when PTF SO09761 is applied. SYMPTOMS: The following message in the JESMSG LG DD: DSNT408I SQLCODE = -502, ERROR: THE CURSOR IDENTIFIED IN AN OPEN STATEMENT IS ALREADY OPEN DSNT418I SQLSTATE = 24502 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXERT SQL PROCEDURE DETECTING ERROR DSNT416I SQLERRD = -300 0 0 -1 0 0 SQL DIAGNOSTIC INFORMATION DSNT416I SQLERRD = X'FFFFFFED4' X'00000000' X'00000000' X'FFFFFFFF' X'00000000' X'00000000' SQL DIAGNOSTIC INFORMATION END OF SYMPTOM DUMP IMPACT: The message is printed, but normal processing continues. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 1445 Copyright (C) 2020 CA. All rights reserved. R01200-D200-SP1 DESC(SQL CODE -502 FOR A CPC CURSOR IN PTACBL2A). ++VER (Z038) FMID (CINSK00) PRE (SO09761 SO10514 SO12819 SO13682 SO14901 SO15072) SUP (AS12819 SO13230 ST13230 ST15863)

Service	Details
SO15867	SO15867 M.C.S. ENTRIES = ++PTF (SO15867) INCORRECT SECQTY VALUES ARE GENERATED FOR TABLESPACE PROBLEM DESCRIPTION: When CA RC/Migrator for DB2 for z/OS (RCM) generates create tablespace DDL, it may generate SECQTY with -1 or with an incorrect value when the SECQTY is > 65535 and the DB2 version is > V12R1M503. SYMPTOMS: SECQTY has an incorrect value in the create tablespace DDL. IMPACT: The tablespace will be created with an incorrect SECQTY if the DDL is executed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3090 Copyright (C) 2020 CA. All rights reserved. R01202-D200-SP1 DESC(INCORRECT SECQTY VALUES ARE GENERATED FOR TABLESPACE). ++VER (Z038) FMID (CINSK00) PRE (R096576 R099553 S001396 S004455 S007807 S012361 S014832 S015804) SUP (ST15867)

Service	Details
SO15868	SO15868 M.C.S. ENTRIES = ++PTF (SO15868) SHOW ADDITIONAL DSNZPARMS ON THE DSNZPARM DISPLAY ENHANCEMENT DESCRIPTION: In Thread Termination/Dynamic DSNZPARM for DB2 for z/OS (PTT), the following DB2 11 and DB 12 ZPARMs have been added to the "Thread Terminator DSNZPARM Display" under main menu option VZ (View DSNZPARM Data). 1) CDDS_MODE - DB2 V11 and DB2 V12 2) MATERIALIZE_NODET_SQLTUDF - DB2 V11 and DB2 V12 3) MOVE_TO_ARCHIVE_DEFAULT - DB2 V11 and DB2 V12 4) PROFILE_AUTOSTART - DB2 V11 and DB2 V12 5) RENAMETABLE - DB2 V11 and DB2 V12 6) RETRY_STOPPED_OBJECTS - DB2 V11 and DB2 V12 7) STATCLGSRT - DB2 V11 and DB2 V12 8) XML_RESTRICT_EMPTY_TAG - DB2 V11 and DB2 V12 PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PTT 368 Copyright (C) 2020 CA. All rights reserved. R01203-D200-SP1 DESC(SHOW ADDITIONAL DSNZPARMS ON THE DSNZPARM DISPLAY). ++VER (Z038) FMID (CINSK00) PRE (S001665 S004455 S006113 S006863 S010281) SUP (S010417 S015132 ST10417 ST15132 ST15868) ++HOLD (SO15868) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20343) 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. </pre>

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

Service	Details
SO15895	SO15895 M.C.S. ENTRIES = ++PTF (SO15895) DML REPORT CRASHES WITH S478 AFTER MESSAGE LAE0071W,RSN=28 PROBLEM DESCRIPTION: The CA Log Analyzer for DB2 for z/OS (PLA) DML report fails with S478 abend when PLA can not find a dictionary in full image copy to expand the data of a record. SYMPTOMS: LAE0071W Unable to build expansion dictionary for X.Y instance 0001. from Image Copy A.B.CReason = 0028. IMPACT: PLA DML report is not generated for the desired log range. CIRCUMVENTION: No. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1327 Copyright (C) 2020 CA. All rights reserved. R01204-D200-SP1 DESC(DML REPORT CRASHES WITH S478 AFTER MESSAGE LAE0071W,RSN=28). ++VER (Z038) FMID (CPLAK00) PRE (R099559 S000975 S001403 S004245 S004461 S006868 S007813 S008008 S008802 S009333 S010677 S011113 S011669 S011782 S012487 S012889 S012900 S013625 S014033 S014137 S014613 S015064 S015456) SUP (ST15895) ++HOLD (SO15895) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (20345) 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 * ***** 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 </pre>

Service	Details
	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.).

Service	Details																																		
SO15908	SO15908 M.C.S. ENTRIES = ++PTF (SO15908) PTF SO15690 FOR PPADB2 1028 MAY CAUSE BIND ERROR ISPF103 PROBLEM DESCRIPTION: CA Plan Analyzer for DB2 for z/OS (PPA) PTF SO15690 introduced new bind skeleton member PPA@DB20. The new member was incorrectly registered under a CPPAK00 FMID instead of CINSK00. This will cause a bind error for customers that do not have PPA installed. SYMPTOMS: The CA Post Install bind job can result in the following error: <pre>**** ERROR in bind command tailoring zerrmsg= ISPF103 zerrsm= No imbed file zerrlm= Imbed file 'PPA@DB20' does not exist, ANLPACK record-39 zerrhm= zerralm= YES</pre> IMPACT: CA product packages cannot be bound. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table border="0"> <tr> <td>CA Log Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Recovery Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Recovery for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Database Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Subsystem Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Secure for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Query for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA SQL Ease for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Load for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Quick Copy for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA Merge/Modify for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PPADB2 1034 Copyright (C) 2020 CA. All rights reserved. R01205-D200-SP1 DESC(PTF SO15690 FOR PPADB2 1028 MAY CAUSE BIND ERROR ISPF103). ++VER (Z038) FMID (CINSK00) PRE (SO15690) SUP (AS15690 ST15908) ++HOLD (SO15908) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20346) COMMENT (<pre>+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE After Apply</pre>	CA Log Analyzer for DB2 for z/OS	Version 20.0	CA Recovery Analyzer for DB2 for z/OS	Version 20.0	CA Fast Recovery for DB2 for z/OS	Version 20.0	CA Rapid Reorg for DB2 for z/OS	Version 20.0	CA Database Analyzer for DB2 for z/OS	Version 20.0	CA Detector for DB2 for z/OS	Version 20.0	CA Subsystem Analyzer for DB2 for z/OS	Version 20.0	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Compare for DB2 for z/OS	Version 20.0	CA RC/Secure for DB2 for z/OS	Version 20.0	CA RC/Query for DB2 for z/OS	Version 20.0	CA RC/Update for DB2 for z/OS	Version 20.0	CA SQL Ease for DB2 for z/OS	Version 20.0	CA Fast Load for DB2 for z/OS	Version 20.0	CA Fast Unload for DB2 for z/OS	Version 20.0	CA Quick Copy for DB2 for z/OS	Version 20.0	CA Merge/Modify for DB2 for z/OS	Version 20.0
CA Log Analyzer for DB2 for z/OS	Version 20.0																																		
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CA RC/Secure for DB2 for z/OS	Version 20.0																																		
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CA Fast Unload for DB2 for z/OS	Version 20.0																																		
CA Quick Copy for DB2 for z/OS	Version 20.0																																		
CA Merge/Modify for DB2 for z/OS	Version 20.0																																		

Service	Details
	<pre> +-----+-----+ 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. </pre>
	<pre> +-----+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! </pre>

Service	Details
	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.). VERSION(CPPAK00) . VERSION(CPPAK00) . VERSION(CPPAK00) .

Service	Details
SO15913	SO15913 M.C.S. ENTRIES = ++PTF (SO15913) INCORRECT PROCESSING OF PROFILE-EXCEPTIONS RECORD Problem description: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) does not process PROFILE-EXCEPTIONS record correctly. Symptoms: The PROFILES report shows only the report header and no data in it, both in online and batch. Impact: Cannot monitor PROFILE-EXCEPTIONS. Circumvention: None PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2544 Copyright (C) 2020 CA. All rights reserved. R01206-D200-SP1 DESC(INCORRECT PROCESSING OF PROFILE-EXCEPTIONS RECORD). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R099552 S001395 S004454 S006112 S006862 S008846 S010160 S010405 S011616 S011780 S011977 S012769 S013557 S013891 S014099 S014754 S015070 S015254 S015647) SUP (ST15913) CSECT (NDFMTSEC,NDFMTSEM) .

Service	Details	
SO15927	SO15927 M.C.S. ENTRIES = ++PTF (SO15927)	
	ABEND S0D5 IN DB2	
	PROBLEM DESCRIPTION:	
	CA Detector for DB2 for z/OS (PDT) may cause a Db2 thread to abend with an S0D5 following internal PDT error recovery.	
	SYMPTOMS:	
	A Db2 thread will abend with an S0D5.	
	IMPACT:	
	Abnormal termination of a Db2 thread.	
	CIRCUMVENTION:	
	This problem can be circumvented by setting USECOLLTASKS (Y).	
	PRODUCT(S) AFFECTED:	
	CA Detector for DB2 for z/OS	Version 20.0
	Related Problem:	
	PDT 1723	
	Copyright (C) 2020 CA. All rights reserved. R01208-D200-SP1	
	DESC (ABEND S0D5 IN DB2) .	
	++VER (Z038)	
	FMID (CPDTK00)	
	PRE (R096168 R096580 R097707 R098429 R099556 S000263	
	S003942 S004458 S004757 S006116 S006334 S006865	
	S007810 S007988 S008129 S008323 S008789 S009065	
	S010018 S010538 S010908 S011694 S011983 S012538	
	S012921 S013889 S014338)	
	SUP (AS06334 AS08129 AS13450 R099946 S000423 S006838	
	S008446 S009828 S010492 S010652 S013450 S013655	
	S014680 S015843 ST00423 ST06838 ST08446 ST09828	
	ST10492 ST10652 ST13450 ST13655 ST14680 ST15843	
	ST15927 TR99946)	
	++HOLD (SO15927) SYSTEM FMID (CPDTK00)	
	REASON (RESTART) DATE (20346)	
	COMMENT (	
	+-----	

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
SO15931	SO15931 M.C.S. ENTRIES = ++PTF (SO15931) The following items are included in this solution: 1. SECONDARY EXTENTS ALLOCATION ISSUE FOR SAVEIFI FILES 2. THRDACTV REQUEST FILTER MAY NOT EXCLUDE OTHER MEMBER THREADS 3. ABEND SOC4/SOC1 AT DC SHUTDOWN IF ARCHIVE JOB IS SCHEDULED ===== SECONDARY EXTENTS ALLOCATION ISSUE FOR SAVEIFI FILES PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) does not write beyond second extent of SAVEIFI dataset, when the secondary allocation is non-zero. SYMPTOMS: IQL requests with SAVEIFI LDS file as destination will be paused before the third extent is created. IMPACT: None, if SAVEIFI LDS file is with no secondary allocation. CIRCUMVENTION: You may have to do larger primary allocation for SAVEIFI LDS file. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2534 ===== THRDACTV REQUEST FILTER MAY NOT EXCLUDE OTHER MEMBER THREADS PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) active threads request may show threads for more than one member of the data sharing group even though the filter is set to show only the local member. SYMPTOMS: Threads from multiple data sharing members are displayed. IMPACT: The data does not match the filter specification. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2538 ===== ABEND SOC4/SOC1 AT DC SHUTDOWN IF ARCHIVE JOB IS SCHEDULED PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector may receive an ABEND SOC4 or SOC1 if the archive unload job is submitted by the data collector during shutdown. The processing of the User Interface (UI) command UNLOAD ALL is changed. If neither HISTARCH-ACCT-TASK nor HISTARCH-STATS-TASK is specified in the SYSPARMS, then submit the PROC specified in the HISTARCH-TASK SYSPARM. SYMPTOMS: DBG39038I DT11 13:06:53 TERMINATION STARTED FOR DATA COLLECTOR FOR OPSNOTIFY CASTATE API received for IDB2DCAD with STOPPING , Ver 20.0 DBG86007I DT11 13:06:58 SQL DB task terminated.

Service	Details
	CCSR010E NMSPRMVC SOC4 at 3E8D3C88 LMOD N/A CSECT N/A +N/A IDB2DCAD CCSR060I BREAKING EVENT ADDRESS: 00000000 3E675432 CCSR061I PSW: 07853000 80000000 00000000 3E8D3C88 CCSR062I ILC: 02 INTERRUPT CODE: 11 CCSR067I COMPLETION CODE SOC4 REASON CODE 00000011 CCSR063I TRANSLATION EXCEPTION ADDRESS: 00000000_3E8D3800 CCSR064I DATA AT PSW 3E8D3C82 : 00000000 00000000 00000000 IMPACT: An SVC dump is taken. The UNLOAD is not scheduled. When UNLOAD ALL is issued, the HISTARCH-TASK is now used in the absence of the HISTARCH-STATS-TASK and HISTARCH-ACCT-TASK. CIRCUMVENTION: Do not set HISTARCH-TIME to a time that would correspond to a usual shutdown time. Specify HISTARCH-STATS-TASK and HISTARCH-ACCT-TASK to correct the UNLOAD ALL problem. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2539 Copyright (C) 2020 CA. All rights reserved. R01209-D200-SP1 DESC(SECONDARY EXTENTS ALLOCATION ISSUE FOR SAVEIFI FILES). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R099552 S000015 S001395 S004454 S005010 S006112 S006862 S006977 S007806 S008279 S008846 S009556 S010160 S010739 S010906 S011465 S011616 S011977 S012769 S013891 S014016 S014164 S014389 S014642 S014843 S014923 S015049 S015254) SUP (R097683 S009054 ST05936 ST09054 ST15931 TR97683 TR99751 TR99766 TR99781 TR99796 TR99811 TR99863) CSECT(NMSPRMVC,NMSPRMVS) . CSECT(NRINTRVC,NRINTRVL) . CSECT(NUHSTLOM) .

Service	Details
SO15935	SO15935 M.C.S. ENTRIES = ++PTF (SO15935) PSA MAY ABEND WITH OC4 IN PSACGEC2+08FC PROBLEM DESCRIPTION: CA Subsystem Analyzer for DB2 for z/OS (PSA) may abend with an OC4 in SA\$CGE if it encounters an invalid control block while accessing table/index information. SYMPTOMS: PSA abends and produces a dump similar to the following: DUMPID=004 REQUESTED BY JOB (xxxxDBM1) FOR ASIDS(xxxx,xxxx) ID = CA-SSANALZE 20.0 COLLECT FRR/SDUMP IMPACT: PSA collection may be stopped and have to be restarted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS R20.0 Related Problem: PSA 538 Copyright (C) 2020 CA. All rights reserved. R01210-D200-SP1 DESC(PSA MAY ABEND WITH OC4 IN PSACGEC2+08FC). ++VER (Z038) FMID (CPSAK00) PRE (S004468 S006126 S007204 S009432 S011625 S012926 S014681) SUP (S010955 ST10955 ST15935) ++HOLD (SO15935) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (20349) COMMENT (<pre> +-----+ CA Subsystem Analyzer 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. </pre>

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

Service	Details
S015937	S015937 M.C.S. ENTRIES = ++PTF (S015937) USER ABEND 987 (X'3DB') WITH ENCRYPTED DATA SETS PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) may fail with user abend code 987 (X'3DB') when loading encrypted data sets. SYMPTOMS: - Job ends with RC 16. - The following message in the JESMSG LG DD: IEA995I SYMPTOM DUMP OUTPUT 281 USER COMPLETION CODE=0987 TIME=08.55.30 SEQ=49374 CPU=4008 ASID=006E PSW AT TIME OF ERROR 078C1000 BB4ACAAA ILC 2 INTC 0D ACTIVE MODULE ADDRESS=00000000_3B4A6000 OFFSET=00006AAA NAME=PTL@MMGR DATA AT PSW 3B4ACAA4 - 00181610 0A0DEB0F A4A80096 AR/GR 0: FFFFFFFF/80000000 1: FFFFFFFF/800003DB 2: FFFFFFFF/00000000 3: FFFFFFFF/00000009 4: FFFFFFFF/3B625A00 5: FFFFFFFF/00000000 6: FFFFFFFF/3B53617C 7: FFFFFFFF/3C40D000 8: 00000000/3B435B80 9: 00000000/3B625C40 A: 00000000/3C40C070 B: FFFFFFFF/3C40D000 C: FFFFFFFF/3B4AC758 D: FFFFFFFF/3C40C0C8 E: 00000000/BB4ACA90 F: FFFFFFFF/00000000 END OF SYMPTOM DUMP - The following messages in the PTIMSG DD: PFL3019E - ESTAE intercepted in CSECT FLARM2 - ABEND code X'800003DB' PFL3019E - ESTAE intercepted in CSECT FLAUTS1 - ABEND code X'800003DB' PFL4020E - SORT abended - Abend Code: X'3DB' See sort messages for more details. PFL0206E - FASTLOAD application did not complete successfully PFL0207E - T_Space Task ECB: X'00624000' Return Code: X'00000004' PFL0212E - Data sets did not load successfully IMPACT: Processing fails. CIRCUMVENTION: Use IBM DFSORT. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Related Problem: PFL 1307 Copyright (C) 2020 CA. All rights reserved. R01211-D200-SP1 DESC(USER ABEND 987 (X'3DB') WITH ENCRYPTED DATA SETS). ++VER (Z038) FMID (CINSK00) PRE (S005011 S008313 S010389 S011234) SUP (ST15937) ++IF FMID(CPFLK00) REQ(S015938) . ++IF FMID(CPUTK00) REQ(S015939) .

Version 20.0

Service	Details
S015938	S015938 M.C.S. ENTRIES = ++PTF (S015938) USER ABEND 987 (X'3DB') WITH ENCRYPTED DATA SETS PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) may fail with user abend code 987 (X'3DB') when loading encrypted data sets. SYMPTOMS: - Job ends with RC 16. - The following message in the JESMSG LG DD: IEA995I SYMPTOM DUMP OUTPUT 281 USER COMPLETION CODE=0987 TIME=08.55.30 SEQ=49374 CPU=4008 ASID=006E PSW AT TIME OF ERROR 078C1000 BB4ACAAA ILC 2 INTC 0D ACTIVE MODULE ADDRESS=00000000_3B4A6000 OFFSET=00006AAA NAME=PTL@MMGR DATA AT PSW 3B4ACAA4 - 00181610 0A0DEB0F A4A80096 AR/GR 0: FFFFFFFF/80000000 1: FFFFFFFF/800003DB 2: FFFFFFFF/00000000 3: FFFFFFFF/00000009 4: FFFFFFFF/3B625A00 5: FFFFFFFF/00000000 6: FFFFFFFF/3B53617C 7: FFFFFFFF/3C40D000 8: 00000000/3B435B80 9: 00000000/3B625C40 A: 00000000/3C40C070 B: FFFFFFFF/3C40D000 C: FFFFFFFF/3B4AC758 D: FFFFFFFF/3C40C0C8 E: 00000000/BB4ACA90 F: FFFFFFFF/00000000 END OF SYMPTOM DUMP - The following messages in the PTIMSG DD: PFL3019E - ESTAE intercepted in CSECT FLARM2 - ABEND code X'800003DB' PFL3019E - ESTAE intercepted in CSECT FLAUTS1 - ABEND code X'800003DB' PFL4020E - SORT abended - Abend Code: X'3DB' See sort messages for more details. PFL0206E - FASTLOAD application did not complete successfully PFL0207E - T_Space Task ECB: X'00624000' Return Code: X'00000004' PFL0212E - Data sets did not load successfully IMPACT: Processing fails. CIRCUMVENTION: Use IBM DFSORT. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Related Problem: PFL 1307 Copyright (C) 2020 CA. All rights reserved. R01211-D200-SP1 DESC(USER ABEND 987 (X'3DB') WITH ENCRYPTED DATA SETS). ++VER (Z038) FMID (CPFLK00) PRE (R097708 S000018 S001401 S001656 S003861 S005012 S007811 S008071 S008407 S009024 S009900 S009977 S011235 S011431 S011601 S011946 S011996 S012150 S012275 S012526 S013066 S013203 S014031 S014772 S015484) SUP (ST15618 ST15629 ST15938) ++IF FMID(CPUTK00) REQ(S015939) . ++IF FMID(CINSK00) REQ(S015937) .

Version 20.0

Service	Details
	CSECT (FLA\$ARLD, #XFCALR) .
	CSECT (FLA\$CAI, #XFCALR) .
	CSECT (FLA\$LOB2, #XFCALR) .
	CSECT (FLA\$ROPN, #XFCALR) .
	CSECT (FLAMITS, #XFCALR) .
	CSECT (FLAMSIMP, #XFCALR) .
	CSECT (FLAMTSK, #XFCALR) .
	CSECT (FLAUT4, #XFCALR) .

Service	Details
S015939	S015939 M.C.S. ENTRIES = ++PTF (S015939) USER ABEND 987 (X'3DB') WITH ENCRYPTED DATA SETS PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) may fail with user abend code 987 (X'3DB') when loading encrypted data sets. SYMPTOMS: - Job ends with RC 16. - The following message in the JESMSG LG DD: IEA995I SYMPTOM DUMP OUTPUT 281 USER COMPLETION CODE=0987 TIME=08.55.30 SEQ=49374 CPU=4008 ASID=006E PSW AT TIME OF ERROR 078C1000 BB4ACAAA ILC 2 INTC 0D ACTIVE MODULE ADDRESS=00000000_3B4A6000 OFFSET=00006AAA NAME=PTL@MMGR DATA AT PSW 3B4ACAA4 - 00181610 0A0DEB0F A4A80096 AR/GR 0: FFFFFFFF/80000000 1: FFFFFFFF/800003DB 2: FFFFFFFF/00000000 3: FFFFFFFF/00000009 4: FFFFFFFF/3B625A00 5: FFFFFFFF/00000000 6: FFFFFFFF/3B53617C 7: FFFFFFFF/3C40D000 8: 00000000/3B435B80 9: 00000000/3B625C40 A: 00000000/3C40C070 B: FFFFFFFF/3C40D000 C: FFFFFFFF/3B4AC758 D: FFFFFFFF/3C40C0C8 E: 00000000/BB4ACA90 F: FFFFFFFF/00000000 END OF SYMPTOM DUMP - The following messages in the PTIMSG DD: PFL3019E - ESTAE intercepted in CSECT FLARM2 - ABEND code X'800003DB' PFL3019E - ESTAE intercepted in CSECT FLAUTS1 - ABEND code X'800003DB' PFL4020E - SORT abended - Abend Code: X'3DB' See sort messages for more details. PFL0206E - FASTLOAD application did not complete successfully PFL0207E - T_Space Task ECB: X'00624000' Return Code: X'00000004' PFL0212E - Data sets did not load successfully IMPACT: Processing fails. CIRCUMVENTION: Use IBM DFSORT. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Related Problem: PFL 1307 Copyright (C) 2020 CA. All rights reserved. R01211-D200-SP1 DESC(USER ABEND 987 (X'3DB') WITH ENCRYPTED DATA SETS). ++VER (Z038) FMID (CPUTK00) PRE (R097717 R098969 S000024 S005016 S008879 S009978 S011238 S011433 S011521 S011999 S012153 S013098 S013205 S013767 S014035 S014773 S015486 S015740) SUP (S009973 ST09973 ST15939) ++IF FMID(CPFLK00) REQ(S015938) . ++IF FMID(CINSK00) REQ(S015937) . CSECT(UTA\$LOBO,#@XFCALR) . CSECT(UTA\$LOBR,#@XFCALR) .

Version 20.0

Service	Details
	CSECT (UTA\$LOBW, #XFCALR) .
	CSECT (UTA\$MGU, #XFCALR) .
	CSECT (UTA@IXLZ, #XFCALR) .
	CSECT (UTA@IXM5, #XFCALR) .
	CSECT (UTAGLIXA, #XFCALR) .
	CSECT (UTAGLSE2, #XFCALR) .
	CSECT (UTAIX2RL, #XFCALR) .
	CSECT (UTAXMLO, #XFCALR) .

Service	Details
SO15998	SO15998 M.C.S. ENTRIES = ++PTF (SO15998) INSERT SYSTABSTATS SQL STATEMENT HAS TSNAME VALUE AS BLANK Problem Description: In CA RC/Migrator for DB2 for z/OS (RCM), the RC/Merger (RMM) data only copy analysis is missing the implicit tablespace name in the INSERT SYSTABSTATS SQL statement. Symptoms: The TSNAME value is set to blank in the INSERT statement that is generated in the analysis for the SYSIBM.SYSTABSTATS table. Impact: Analysis execution fails with SQLCODE -530. Circumvention: Manually update the TSNAME value in the INSERT statement. Product(S) Affected: CA RC/Migrator for DB2 for z/OS Version 20.0 PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RMM 258 Copyright (C) 2020 CA. All rights reserved. R01216-D200-SP1 DESC(INSERT SYSTABSTATS SQL STATEMENT HAS TSNAME VALUE AS BLANK) . ++VER (Z038) FMID (CINSK00) PRE (S004718 S006638 S007379 S009105 S011691 S011966 S012361 S012933 S015804) SUP (ST15998) CSECT(RMA@CSTA,RMA@@XT1,RMA@@XT2,RMA@@XT3,RMA@@XT4,RMA@@XT5, RMA@@XT6,RMA@@XT7) .

Service	Details
SO16001	SO16001 M.C.S. ENTRIES = ++PTF (SO16001) SOC4 IN CSLSCROL WHEN UPDATING COMPARE IF FUNCTION PRIMARY PROBLEM DESCRIPTION: When using CA RC/Compare for DB2 for z/OS (RCC) to update a compare strategy, a SOC4 abend with a reason code 10 may result if the following are true: 1) The primary object is a function 2) The Insert 'I' new object line command is entered in the 'S' column of 'RC/M Compare Explode Services' panel. SYMPTOMS: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000010 TIME=01.21.25 SEQ=27280 CPU=0000 ASID=01B7 PSW AT TIME OF ERROR 078D2000 BB595062 ILC 4 INTC 10 ACTIVE MODULE ADDRESS=00000000_3B586000 OFFSET=0000F062 NAME=CSLSCROL DATA AT PSW 3B59505C - 4780B166 1A4A9856 40001B4A IMPACT: The insert 'I' new object command ends with a SOC4 abend if the primary object of the compare strategy is a function. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Compare for DB2 for z/OS Version 20. 0 Related Problem: RCM 3094 Copyright (C) 2020 CA. All rights reserved. R01217-D200-SP1 DESC(SOC4 IN CSLSCROL WHEN UPDATING COMPARE IF FUNCTION PRIMARY). ++VER (Z038) FMID (CINSK00) PRE (SO01396 SO12933 SO14832) SUP (ST16001) CSECT(RMA\$CLST,CLST\$CDE,CMDTAB,CMDTAB2,RMA\$EQFA).

Service	Details
SO16024	SO16024 M.C.S. ENTRIES = ++PTF (SO16024) ICL TABLE CREATE REFERS WRONG TABLESPACE PROBLEM DESCRIPTION: In CA RC/Compare for DB2 for z/OS (RCC), The ICL create for the table will refer to the source database if the following conditions are true: 1) Source and target databases are paired and the Name rule on database is set to 'N'. 2) The source created tablespace and table are moved to the target database. SYMPTOMS: The ICL create for the table has source database name in the IN clause. IMPACT: The table create will fail. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 742 Copyright (C) 2020 CA. All rights reserved. R01219-D200-SP1 DESC(ICL TABLE CREATE REFERS WRONG TABLESPACE). ++VER (Z038) FMID (CINSK00) PRE (R096576 S001396 S004718 S007379 S009105 S011691 S011966 S012361 S012933 S015804) SUP (ST16024)

Service	Details
SO16031	SO16031 M.C.S. ENTRIES = ++PTF (SO16031) USING UPS WITH PARALLEL UNLOAD MAY NOT GENERATE PROBLEM DESCRIPTION: When performing an analysis with CA RC/Migrator for Db2 fo Z/OS (RCM) using a Utility Profile requesting a parallel Unload/Load, the generated utility might not properly generate the parallel syntax. SYMPTOMS: The generated unload utility does not include the necessary syntax to perform a parallel unload. IMPACT: Customers requesting parallel unload/loads are unable to consistently generate the appropriate syntax. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 3093 Copyright (C) 2020 CA. All rights reserved. R01220-D200-SP1 DESC(USING UPS WITH PARALLEL UNLOAD MAY NOT GENERATE) . ++VER (Z038) FMID (CINSK00) PRE (R097704 R099553 S001396 S004718 S007379 S009105 S011691 S011966 S012361 S012933 S014832 S015804) SUP (ST16011 ST16031)

Service	Details
SO16032	SO16032 M.C.S. ENTRIES = ++PTF (SO16032) The following items are included in this solution: 1. THE MERGED DDL INCOMPLETE FROM MERGE DDL PROCESS 2. DDL MERGE PROCESS ISSUES RCM00008 IF PROCEDURE IN THE INPUT ===== THE MERGED DDL INCOMPLETE FROM MERGE DDL PROCESS PROBLEM DESCRIPTION: The CA RC/Compare for DB2 for z/OS (RCC) DDL Merge process does not write out all the DDL from the input dataset to the output dataset. SYMPTOMS: Some DDL from the input is not written out to the output dataset. IMPACT: The merged output will be incomplete and missing some DDL. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 744 ===== DDL MERGE PROCESS ISSUES RCM00008 IF PROCEDURE IN THE INPUT PROBLEM DESCRIPTION: The CA RC/Compare for DB2 for z/OS (RCC) DDL Merge process issues an RCM00008 message when the input dataset has DDL for procedures. SYMPTOMS: RCM00008: The following DDL statement could not be parsed: CREATE PROCEDURE <Schema>.<Name> DROP PROCEDURE <Schema>.<Name> ALTER PROCEDURE <Schema>.<Name> IMPACT: The merged output DDL will not include DDL for procedures. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 743 Copyright (C) 2020 CA. All rights reserved. R01221-D200-SP1 DESC (THE MERGED DDL INCOMPLETE FROM MERGE DDL PROCESS) . ++VER (Z038) FMID (CINSK00) PRE (R099553 S000016 S007379) SUP (ST16032) CSECT (RMA#MERG,#@XFCALN) .

Service	Details	
SO16040	SO16040 M.C.S. ENTRIES = ++PTF (SO16040)	
	USER HANGS DUE TO LOOP IN CSASOMSV PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the users TSO session hangs and consumes excessive CPU while exiting from an RC/Alter edit screen. SYMPTOMS: The users TSO session hangs sporadically when in multiple split sessions and exiting from RC/Update after altering a table definition. IMPACT: The users session needs to be cancelled. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Update for DB2 for z/OS Version 20.0 CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3081 Copyright (C) 2020 CA. All rights reserved. R01222-D200-SP1	
	DESC(USER HANGS DUE TO LOOP IN CSASOMSV). ++VER (Z038) FMID (CINSK00) SUP (ST15095 ST16040)	
	MCS	SO15709 STARTS ON PAGE 0002
	MCS	SO15710 STARTS ON PAGE 0004
	MCS	SO15711 STARTS ON PAGE 0006
	MCS	SO15760 STARTS ON PAGE 0009
	MCS	SO15761 STARTS ON PAGE 0009
	MCS	SO15770 STARTS ON PAGE 0010
	MCS	SO15774 STARTS ON PAGE 0011
	MCS	SO15775 STARTS ON PAGE 0013
	MCS	SO15789 STARTS ON PAGE 0013
	MCS	SO15804 STARTS ON PAGE 0014
	MCS	SO15805 STARTS ON PAGE 0025
	MCS	SO15806 STARTS ON PAGE 0026
	MCS	SO15807 STARTS ON PAGE 0026
	MCS	SO15816 STARTS ON PAGE 0028
	MCS	SO15843 STARTS ON PAGE 0028
	MCS	SO15863 STARTS ON PAGE 0030
	MCS	SO15867 STARTS ON PAGE 0031
	MCS	SO15868 STARTS ON PAGE 0032
	MCS	SO15895 STARTS ON PAGE 0033
	MCS	SO15908 STARTS ON PAGE 0035
	MCS	SO15913 STARTS ON PAGE 0037
	MCS	SO15927 STARTS ON PAGE 0038
	MCS	SO15931 STARTS ON PAGE 0040
	MCS	SO15935 STARTS ON PAGE 0042
	MCS	SO15937 STARTS ON PAGE 0044
	MCS	SO15938 STARTS ON PAGE 0045
	MCS	SO15939 STARTS ON PAGE 0047
	MCS	SO15998 STARTS ON PAGE 0048
	MCS	SO16001 STARTS ON PAGE 0049
	MCS	SO16024 STARTS ON PAGE 0050

Service	Details		
	MCS	SO16031	STARTS ON PAGE 0051
	MCS	SO16032	STARTS ON PAGE 0052
	MCS	SO16040	STARTS ON PAGE 0054

CA DB2 Tools 20.0
CA RS 2101 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 2101 Product/Component Count for this release is 27		

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	S015124	CPRRK00

CA RS Level	Service	FMID
	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
	S014732	CPDAK00

CA RS Level	Service	FMID
	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
	S014298	CINSK00

CA RS Level	Service	FMID
	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
	S013961	CPUTK00

CA RS Level	Service	FMID
	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
	S013627	CUGRK00

CA RS Level	Service	FMID
	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
	S013152	CPRRK00

CA RS Level	Service	FMID
	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
	S012896	CIDBK00

CA RS Level	Service	FMID
	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	CRCSK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00

CA RS Level	Service	FMID
	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
	S012131	CPDTK00

CA RS Level	Service	FMID
	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
	S011867	CRCUK00

CA RS Level	Service	FMID
	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
	S011606	CPDTK00

CA RS Level	Service	FMID
	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
	S011200	CPRRK00

CA RS Level	Service	FMID
	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
	S010872	CINSK00

CA RS Level	Service	FMID
	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
	S010468	CRCQK00

CA RS Level	Service	FMID
	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
	S010061	CINSK00

CA RS Level	Service	FMID
	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	CRC SK00
	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

CA RS Level	Service	FMID
	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	CRCSK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00

CA RS Level	Service	FMID
	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
	S009027	CPUTK00

CA RS Level	Service	FMID
	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
	S008580	CPBAK00

CA RS Level	Service	FMID
	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
	S008193	CUGRK00

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All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S007811	CPFLK00

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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	CRCSK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00

CA RS Level	Service	FMID
	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	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

CA RS Level	Service	FMID
	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
	S004460	CPFUK00

CA RS Level	Service	FMID
	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
	S001666	COFSK00

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S000704	CPFLK00

CA RS Level	Service	FMID
	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
	R099557	CPFLK00

CA RS Level	Service	FMID
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRCSK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	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

CA RS Level	Service	FMID
	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