

Service	Description	Type
S015864	THE RECOVERY ESTIMATOR NOW CHECKS OBJECT STATUS	PTF
S015952	FIX VARIOUS PROBLEMS IN THE BATCH USER INTERFACE IUIBATCH	PTF
S015980	DB2L PRIMARY COMMAND THROUGH BATCH PROCESSOR INTERFACE	PTF
S016045	PRIQTY AND SECQTY SET TO 4 WHEN ALTERING DSSIZE	PTF
S016046	SORT COMMAND ON THRDCTV REPORT RESULT IN INAPPROPRIATE SORT	PTF
S016053	GRANT STATEMENTS GENERATED ON EXCLUDED OBJECTS OF COMPARE	PTF
S016057	INCORRECT DB2VER SYSPARM SET DURING POST-INSTALL	PTF
S016067	CAIDEBUG REPLACED BY CAISMPU	PTF
S016071	RCQ SC-L REPORT DOES NOT LIST SEQUENCES	PTF
S016075	LOB COMPLETION FAILS WITH MESSAGE LAE0376I	PTF
S016088	SPORADIC SOC4 WHEN ANALYZING ICL	PTF
S016089	ZIIP SUPPORT FOR OUTPUT-CONTROL ALL/REORG	PTF
S016090	ZIIP SUPPORT FOR OUTPUT-CONTROL ALL/REORG	PTF
S016107	GROUP SECURITY ASSIGNMENT INCORRECT W/ACF2 AND MANY GROUPS	PTF
S016113	DB2 THREADS ABEND OC4 SPORADICALLY FOLLOWING THREAD CANCEL	PTF
S016116	VTAM COMPRESSION OPTION	PTF
S016132	DEPENDENCY STRATEGY CREATE FAILS IF IMPLICIT SQ IS INCLUDED	PTF
S016133	DEPENDENCY STRATEGY CREATE FAILS IF IMPLICIT SQ IS INCLUDED	PTF
S016149	DISPLAY PROBLEM FOR PRF USER IDS 8 BYTES IN LENGTH	PTF
S016160	SOC1 ABEND IN RRL\$UL7 IN NON-DATA SHARING ENVIRONMENT	PTF
S016165	PRF ABENDS WHEN QUERY IS SELECTED AND SQL ERROR OCCURS	PTF
S016173	INCREASE MAXIMUM INTERVAL COUNT FROM 999 TO 9999	PTF
S016174	INCREASE MAXIMUM INTERVAL COUNT FROM 999 TO 9999	PTF
S016175	INCREASE MAXIMUM INTERVAL COUNT FROM 999 TO 9999	PTF
S016176	SOC4 IN RML@RICL IF TRIGGER ICL HAS LOWER CASE BEGIN ATOMIC	PTF
S016181	ONLY FIRST DATASET OF LOB COPIED WHEN HPGHPREF NOT IN SYNC	PTF
S016183	ADD ADDITIONAL HELP MENU PANELS TO THREAD TERMINATOR	PTF
S016194	PFU ZIIP SUPPORT FOR UNLOAD FROM IMAGE COPIES	PTF
S016195	PFU ZIIP SUPPORT FOR UNLOAD FROM IMAGE COPIES	PTF
S016200	IDB2 - OPTIMIZATION OF UNLOAD INVOCATION	PTF
S016205	SUPPORT FOR ONLINE EXECUTION MODE IS DISCONTINUED	PTF
S016206	SUPPORT FOR ONLINE EXECUTION MODE IS DISCONTINUED	PTF
S016217	SOC1 OR SOF8 WITH ZIIP YES	PTF
S016246	SOF8 PTL SVC26 CLASSIC SEGMENTED MULTIPLE DATASETS	PTF
S016258	PERFORMANCE IMPROVEMENTS IN PROCESSING OF PRF BATCH REPORTS	PTF
S016262	INCORRECT DATA UNLOADED WHEN MULTIPLE SELECTS SPECIFIED	PTF
S016266	SOC1 AND PT800E WHEN TIMESTAMP COLUMN HAS DEFAULT VALUES	PTF
S016270	SUPPORT FOR NEW FAST INDEX TRAVERSAL METRICS	PTF
S016280	INCREASE HISTORY-READ-LIMIT	PTF
S016300	SUPPORT INTERVAL DELTA PROCESSING FOR IFCID 148	PTF
The CA RS 2102 service count for this release is 40		

CA DB2 Tools
CA RS 2102 Service List for CIDBK00

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FMID	Service	Description	Type
CIDBK00	S015952	FIX VARIOUS PROBLEMS IN THE BATCH USER INTERFACE IUIBATCH	PTF
	S016046	SORT COMMAND ON THRDACTV REPORT RESULT IN INAPPROPRIATE SORT	PTF
	S016057	INCORRECT DB2VER SYSPARM SET DURING POST-INSTALL	PTF
	S016107	GROUP SECURITY ASSIGNMENT INCORRECT W/ACF2 AND MANY GROUPS	PTF
	S016116	VTAM COMPRESSION OPTION	PTF
	S016200	IDB2 - OPTIMIZATION OF UNLOAD INVOCATION	PTF
	S016270	SUPPORT FOR NEW FAST INDEX TRAVERSAL METRICS	PTF
	S016280	INCREASE HISTORY-READ-LIMIT	PTF
	S016300	SUPPORT INTERVAL DELTA PROCESSING FOR IFCID 148	PTF
The CA RS 2102 service count for this FMID is 9			

CA DB2 Tools
CA RS 2102 Service List for CINSK00

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FMID	Service	Description	Type
CINSK00	SO15864	THE RECOVERY ESTIMATOR NOW CHECKS OBJECT STATUS	PTF
	SO15980	DB2L PRIMARY COMMAND THROUGH BATCH PROCESSOR INTERFACE	PTF
	SO16045	PRIQTY AND SECQTY SET TO 4 WHEN ALTERING DSSIZE	PTF
	SO16053	GRANT STATEMENTS GENERATED ON EXCLUDED OBJECTS OF COMPARE	PTF
	SO16067	CAIDEBUG REPLACED BY CAISMPU	PTF
	SO16088	SPORADIC SOC4 WHEN ANALYZING ICL	PTF
	SO16132	DEPENDENCY STRATEGY CREATE FAILS IF IMPLICIT SQ IS INCLUDED	PTF
	SO16173	INCREASE MAXIMUM INTERVAL COUNT FROM 999 TO 9999	PTF
	SO16176	SOC4 IN RML@RICL IF TRIGGER ICL HAS LOWER CASE BEGIN ATOMIC	PTF
	SO16183	ADD ADDITIONAL HELP MENU PANELS TO THREAD TERMINATOR	PTF
	SO16194	PFU ZIIP SUPPORT FOR UNLOAD FROM IMAGE COPIES	PTF
	SO16205	SUPPORT FOR ONLINE EXECUTION MODE IS DISCONTINUED	PTF
The CA RS 2102 service count for this FMID is 12			

CA DB2 Tools
CA RS 2102 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	SO16133	DEPENDENCY STRATEGY CREATE FAILS IF IMPLICIT SQ IS INCLUDED	PTF
The CA RS 2102 service count for this FMID is 1			

CA DB2 Tools
CA RS 2102 Service List for CPDAK00

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FMID	Service	Description	Type
CPDAK00	SO16206	SUPPORT FOR ONLINE EXECUTION MODE IS DISCONTINUED	PTF
The CA RS 2102 service count for this FMID is 1			

CA DB2 Tools
CA RS 2102 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	S016113	DB2 THREADS ABEND 0C4 SPORADICALLY FOLLOWING THREAD CANCEL	PTF
	S016174	INCREASE MAXIMUM INTERVAL COUNT FROM 999 TO 9999	PTF
The CA RS 2102 service count for this FMID is 2			

CA DB2 Tools
CA RS 2102 Service List for CPFLK00

FMID	Service	Description	Type
CPFLK00	SO16089	ZIIP SUPPORT FOR OUTPUT-CONTROL ALL/REORG	PTF
	SO16246	SOF8 PTL SVC26 CLASSIC SEGMENTED MULTIPLE DATASETS	PTF
The CA RS 2102 service count for this FMID is 2			

CA DB2 Tools
CA RS 2102 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	S016195	PFU ZIIP SUPPORT FOR UNLOAD FROM IMAGE COPIES	PTF
	S016262	INCORRECT DATA UNLOADED WHEN MULTIPLE SELECTS SPECIFIED	PTF
	S016266	SOC1 AND PT800E WHEN TIMESTAMP COLUMN HAS DEFAULT VALUES	PTF
The CA RS 2102 service count for this FMID is 3			

CA DB2 Tools
CA RS 2102 Service List for CPLAK00

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FMID	Service	Description	Type
CPLAK00	S016075	LOB COMPLETION FAILS WITH MESSAGE LAE0376I	PTF
The CA RS 2102 service count for this FMID is 1			

CA DB2 Tools
CA RS 2102 Service List for CPRFK00

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FMID	Service	Description	Type
CPRFK00	SO16149	DISPLAY PROBLEM FOR PRF USER IDS 8 BYTES IN LENGTH	PTF
	SO16165	PRF ABENDS WHEN QUERY IS SELECTED AND SQL ERROR OCCURS	PTF
	SO16258	PERFORMANCE IMPROVEMENTS IN PROCESSING OF PRF BATCH REPORTS	PTF
The CA RS 2102 service count for this FMID is 3			

CA DB2 Tools
CA RS 2102 Service List for CPRRK00

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FMID	Service	Description	Type
CPRRK00	S016160	SOC1 ABEND IN RRL\$UL7 IN NON-DATA SHARING ENVIRONMENT	PTF
The CA RS 2102 service count for this FMID is 1			

CA DB2 Tools
CA RS 2102 Service List for CPSAK00

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FMID	Service	Description	Type
CPSAK00	S016175	INCREASE MAXIMUM INTERVAL COUNT FROM 999 TO 9999	PTF
The CA RS 2102 service count for this FMID is 1			

CA DB2 Tools
CA RS 2102 Service List for CPUTK00

FMID	Service	Description	Type
CPUTK00	S016090	ZIIP SUPPORT FOR OUTPUT-CONTROL ALL/REORG	PTF
	S016217	SOC1 OR S0F8 WITH ZIIP YES	PTF
The CA RS 2102 service count for this FMID is 2			

CA DB2 Tools
CA RS 2102 Service List for CRCQK00

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FMID	Service	Description	Type
CRCQK00	SO16071	RCQ SC-L REPORT DOES NOT LIST SEQUENCES	PTF
The CA RS 2102 service count for this FMID is 1			

CA DB2 Tools
CA RS 2102 Service List for CUGRK00

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FMID	Service	Description	Type
CUGRK00	S016181	ONLY FIRST DATASET OF LOB COPIED WHEN HPGHPREF NOT IN SYNC	PTF
The CA RS 2102 service count for this FMID is 1			

Service	Details
SO15864	SO15864 M.C.S. ENTRIES = ++PTF (SO15864) THE RECOVERY ESTIMATOR NOW CHECKS OBJECT STATUS ENHANCEMENT DESCRIPTION: The Recovery Estimator will now verify and report on object status when performing the Estimation. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 488 Copyright (C) 2021 CA. All rights reserved. R01201-D200-SP1 DESC (THE RECOVERY ESTIMATOR NOW CHECKS OBJECT STATUS) . ++VER (Z038) FMID (CINSK00) PRE (SO15311) SUP (ST15864) ++HOLD (SO15864) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (21007) 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. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).</pre>

Service	Details
SO15952	SO15952 M.C.S. ENTRIES = ++PTF (SO15952) FIX VARIOUS PROBLEMS IN THE BATCH USER INTERFACE IUIBATCH PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) is updated to support additional commands in the batch user interface program IUIBATCH. The CHECK and UNLOAD commands are now supported. Some unsupported commands that only have meaning online would get an SOC4 ABEND when attempted using IUIBATCH. SYMPTOMS: IEA794I SVC DUMP HAS CAPTURED: 710 DUMPID=068 REQUESTED BY JOB (KIETH01A) SYSTEM COMPLETION CODE=0C4 REASON CODE=00000004 DUMP TITLE=SLIP DUMP ID=TFK1 TIME=04.41.06 SEQ=35825 CPU=0000 ASID=03FA PSW AT TIME OF ERROR 078D1000 800413B4 ILC 4 INTC 04 ACTIVE MODULE ADDRESS=00000000_0000C000 OFFSET=00353B4 NAME=NSIGHTUI DATA AT PSW 000413AE - B4249201 2000D200 2001B2AE IMPACT: Unsupported commands generate an ABEND and dump. CIRCUMVENTION: Only run commands documented for use in the batch UI program. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2546 Copyright (C) 2021 CA. All rights reserved. R01212-D200-SP1 DESC(FIX VARIOUS PROBLEMS IN THE BATCH USER INTERFACE IUIBATCH). ++VER (Z038) FMID (CIDBK00) PRE (R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S011616 S014016 S014099) SUP (ST15952) CSECT(NCCDC03C,NCCDC03M). CSECT(NCCHELPC,NCCHELPM). CSECT(NCCMAINC,NCCMAINM). CSECT(NCCSUBSC,NCCSUBS).

Service	Details
SO15980	SO15980 M.C.S. ENTRIES = ++PTF (SO15980) DB2L PRIMARY COMMAND THROUGH BATCH PROCESSOR INTERFACE ENHANCEMENT DESCRIPTION: This enhancement of the CA Database Management Solutions for DB2 for z/OS extends the functionality of the DB2L primary command to the Batch Processor interface. This helps the users to execute the DB2L primary command in batch mode. The .CALL DB2L Batch Processor command provides the same results of the DB2L primary command. The following .CALL command syntax is supported through the Batch Processor interface: Example 1: <pre>//BPIOPT DD * .LIST SYSOUT(A) .CALL DB2L --Execute DB2L through Batch Processor .DATA --One or more DB2 ssids can be provided to execute DB2L DB01 --DB2 ssid 1 DB02 --DB2 ssid 2 .ENDDATA --End of data</pre> Example 2: <pre>//BPIOPT DD * .LIST SYSOUT(A) .CONNECT DB01 --Connect to DB2 ssid DB01 .CALL DB2L --Execute DB2L through Batch Processor</pre> If .DATA and .ENDDATA are not specified, the ssid value from the .CONNECT statement is used. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 1440 Copyright (C) 2021 CA. All rights reserved. R01215-D200-SP1 DESC(DB2L PRIMARY COMMAND THROUGH BATCH PROCESSOR INTERFACE). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004250 S004455 S005011 S006113 S006608 S006638 S007379 S007807 S008869 S009860 S010004 S010162 S010173 S010200 S010676 S011078 S011084 S011684 S012715 S012794 S012904 S013417 S013484 S014566 S014865) SUP (S013075 ST13075 ST15980) ++HOLD (SO15980) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (21004) COMMENT (<pre>+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users </pre>

Service	Details
	<pre> +-----+-----+ 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
SO16045	SO16045 M.C.S. ENTRIES = ++PTF (SO16045) PRIQTY AND SECQTY SET TO 4 WHEN ALTERING DSSIZE PROBLEM DESCRIPTION: When CA RC/Migrator for DB2 for z/OS (RCM) generates create tablespace DDL, it may generate the PRIQTY and the SECQTY with a value of 4 if the PRIQTY and the SECQTY are -1 in the DB2 catalog. SYMPTOMS: The PRIQTY and the SECQTY values are set to 4 in the create tablespace DDL. IMPACT: The execution of the create tablespace DDL will set the PRIQTY and the SECQTY to an incorrect value. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3095 Copyright (C) 2021 CA. All rights reserved. R01223-D200-SP1 DESC(PRIQTY AND SECQTY SET TO 4 WHEN ALTERING DSSIZE) . ++VER (Z038) FMID (CINSK00) PRE (R096576 R099553 S001396 S004455 S007807 S012361 S014832 S015804) SUP (S015867 ST15867 ST16045)

Service	Details																																													
SO16046	SO16046 M.C.S. ENTRIES = ++PTF (SO16046) SORT COMMAND ON THRDACTV REPORT RESULT IN INAPPROPRIATE SORT PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) SORT command, when used for sorting on the "Appl Dur(ation)" column of the THRDACTV(Threads Identified to DB2) report, may result in an incorrect sort for DDF threads(high-performance DBAT) and for rollup threads. SYMPTOMS: If the SORT command is used to sort data by "Appl Dur" column in descending order, records with the zero application elapsed time would appear before the records with non-zero values. R/THRDACTV Threads Identified to DB2 SORT 5 D ctions: S=Select, T=SQL, L=Locks, E=Except, R=Rmt, C=Cancel, Appl Dur <table><tr><th>Auth ID</th><th>ConnName</th><th>HHH:MM:SS</th><th>Status</th><th></th></tr><tr><td>— SNOOL01</td><td>SERVER</td><td>0</td><td>DDF</td><td><- out of sequence</td></tr><tr><td>— SNOOL01</td><td>DB2CALL</td><td>24:00</td><td>ACTIVE-A</td><td></td></tr><tr><td>— SNOOL01</td><td>DB2CALL</td><td>23:54</td><td>ACTIVE-A</td><td></td></tr><tr><td>— SNOOL01</td><td>DB2CALL</td><td>23:49</td><td>ACTIVE-D</td><td></td></tr></table> R/THRDACTV Threads Identified to DB2 SORT 5 D ctions: S=Select, T=SQL, L=Locks, E=Except, R=Rmt, C=Cancel, Appl Dur <table><tr><th>Auth ID</th><th>ConnName</th><th>HHH:MM:SS</th><th>Status</th><th></th></tr><tr><td>— SNOOL01</td><td>RRSAF</td><td>0</td><td>ROLLUP</td><td><- out of sequence</td></tr><tr><td>— SNOOL01</td><td>DB2CALL</td><td>24:00</td><td>ACTIVE-A</td><td></td></tr><tr><td>— SNOOL01</td><td>DB2CALL</td><td>23:54</td><td>ACTIVE-A</td><td></td></tr></table> IMPACT: The longest running applications are not brought to the beginning of the report. CIRCUMVENTION: No. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 19.0 CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2550 Copyright (C) 2021 CA. All rights reserved. R01224-D200-SP1 DESC(SORT COMMAND ON THRDACTV REPORT RESULT IN INAPPROPRIATE SORT). ++VER (Z038) FMID (CIDBK00) PRE (R096575 S001395 S004454 S006112 S006862 S007806 S010906 S011977 S012769 S013508 S013557 S013891 S014099 S015254) SUP (S009743 S014337 ST09743 ST14337 ST16046) CSECT(NGRABP2C,NGRABP2). CSECT(NGRABP2C,NGRABP2). CSECT(NGRABP2C,NGRABP2).	Auth ID	ConnName	HHH:MM:SS	Status		— SNOOL01	SERVER	0	DDF	<- out of sequence	— SNOOL01	DB2CALL	24:00	ACTIVE-A		— SNOOL01	DB2CALL	23:54	ACTIVE-A		— SNOOL01	DB2CALL	23:49	ACTIVE-D		Auth ID	ConnName	HHH:MM:SS	Status		— SNOOL01	RRSAF	0	ROLLUP	<- out of sequence	— SNOOL01	DB2CALL	24:00	ACTIVE-A		— SNOOL01	DB2CALL	23:54	ACTIVE-A	
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Service	Details
SO16053	SO16053 M.C.S. ENTRIES = ++PTF (SO16053) GRANT STATEMENTS GENERATED ON EXCLUDED OBJECTS OF COMPARE PROBLEM DESCRIPTION: CA RC/Compare for DB2 for z/OS(RCC) generates GRANT statements on the unpaired dependent objects if they were excluded using exclude option when the compare strategy was created. SYMPTOMS: The generated script from the analysis will include GRANT statements on dependent object which are excluded. IMPACT: Since the GRANT statements are generated for the dropped objects, the execution of GRANT statement will fail with SQLCODE -204. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Compare for DB2 for z/OS (RCC) Version 20.0 Related Problem: RCC 745 Copyright (C) 2021 CA. All rights reserved. R01225-D200-SP1 DESC (GRANT STATEMENTS GENERATED ON EXCLUDED OBJECTS OF COMPARE) . ++VER (Z038) FMID (CINSK00) PRE (R099553 S000016 S001396 S004718 S006113 S006638 S007379 S009105 S011691 S011966 S012361 S012933 S013985 S015804) SUP (S011696 ST11696 ST16053) CSECT(RMA@CMNP,#@XFCALN) . CSECT(RMAXMAX,#@XFCALN) .

Service	Details
SO16057	SO16057 M.C.S. ENTRIES = ++PTF (SO16057) INCORRECT DB2VER SYSPARM SET DURING POST-INSTALL PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) sets an incorrect DB2VER sysparm value during post installation process. SYMPTOMS: For post install on DB2 12 Version, sysparm DB2VER is set as 11.1 IMPACT: The DB2VER sysparm value will be incorrect. CIRCUMVENTION: User may have to update DB2VER sysparm value after post installation tasks. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2549 Copyright (C) 2021 CA. All rights reserved. R01226-D200-SP1 DESC(INCORRECT DB2VER SYSPARM SET DURING POST-INSTALL) . ++VER (Z038) FMID (CIDBK00) PRE (S001395) SUP (ST16057)

Service	Details
SO16067	SO16067 M.C.S. ENTRIES = ++PTF (SO16067) CAIDEBUG REPLACED BY CAISMPU PROBLEM DESCRIPTION: The CAIDEBUG utility, which reads a customer's SMP/E CSI and uploads information about the SMP/E environment to Broadcom support, is being replaced by the CAISMPU utility. CAISMPU is provided by CA Common Services. See CA Common Services JCL library (CAW0JCL) member CAISMPU for more information. CAISMPU, like CAIDEBUG, should only be used when requested by Broadcom support. CA Common Services r15 PTF S014822 is required. SYMPTOMS: n/a IMPACT: n/a CIRCUMVENTION: n/a PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 1433 Copyright (C) 2021 CA. All rights reserved. R01227-D200-SP1 DESC (CAIDEBUG REPLACED BY CAISMPU). ++VER (Z038) FMID (CINSK00) PRE (S008963) SUP (S012999 S013213 ST12967 ST12999 ST13213 ST13639 ST13741 ST16067) ++HOLD (SO16067) SYSTEM FMID(CINSK00) REASON (DEP) DATE (21011) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Apply CA Common Services r15 PTF S014822. +-----+-----+ USERS AFFECTED Systems programmer +-----+-----+ KNOWLEDGE REQUIRED SMP/E +-----+-----+ ACCESS REQUIRED n/a +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Install CA Common Services r15 fix S014822, if it is not already </pre>

Service	Details
	applied.).

Service	Details
SO16071	SO16071 M.C.S. ENTRIES = ++PTF (SO16071) RCQ SC-L REPORT DOES NOT LIST SEQUENCES PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the SC-L (Schema-List) report does not include information about the SEQUENCES that are associated with the Schema selection. SYMPTOMS: RCQ SC-L report does not list the SEQUENCES count. IMPACT: The RC/Q SC-L report is generated without SEQUENCES information. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1626 Copyright (C) 2021 CA. All rights reserved. R01228-D200-SP1 DESC(RCQ SC-L REPORT DOES NOT LIST SEQUENCES). ++VER (Z038) FMID (CRCQK00) PRE (R099569) SUP (ST16071) ++HOLD (SO16071) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (21006) COMMENT (<pre> +-----+ CA RC/Query for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the </pre>

Service	Details
	IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). CSECT(RQASCL,RPTSV CST) .

Service	Details
SO16075	SO16075 M.C.S. ENTRIES = ++PTF (SO16075) LOB COMPLETION FAILS WITH MESSAGE LAE0376I PROBLEM DESCRIPTION: The CA Log Analyzer for DB2 for z/OS (PLA) DML/DDI report may fail with return code 8 and the message LAE0376I. It happens when PLA: 1) needs to complete a LOB value from an inline image copy of the LOB tablespace 2) reuses an EXTRACT FILE with the parameter LOGSRC (EXTRACT). SYMPTOMS: PLA finishes with RC=8 and the message 'LAE0376I Unable to complete one or more LOB values' appears in a job log together with other warning or error messages. IMPACT: PLA DML/DDI report is not complete. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1322 Copyright (C) 2021 CA. All rights reserved. R01229-D200-SP1 DESC(LOB COMPLETION FAILS WITH MESSAGE LAE0376I). ++VER (Z038) FMID (CPLAK00) PRE (R099559 S000975 S004245 S004461 S004795 S006119 S006868 S007813 S008008 S008802 S009333 S010677 S011669 S012797 S012889) SUP (ST16075)

Service	Details
SO16088	SO16088 M.C.S. ENTRIES = ++PTF (SO16088) SPORADIC SOC4 WHEN ANALYZING ICL PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), an ICL analysis may sporadically end with a SOC4 abend if PERIOD SYSTEM_TIME/BUSINESS_TIME columns are converted to implicitly HIDDEN. SYMPTOMS: SYSTEM COMPLETION CODE=OC4 REASON CODE=00000011 TIME=11.38.24 SEQ=13492 CPU=0000 ASID=03C4 PSW AT TIME OF ERROR 078D1000 BB66512E ILC 6 INTC 11 ACTIVE MODULE ADDRESS=00000000_3B5FF000 OFFSET=0006612E NAME=RML@BLDA DATA AT PSW 3B665128 - 977C4DE0 D6C6D503 554C80A8 IMPACT: Customer will not be able to apply the incremental changes to the target table. CIRCUMVENTION: Re-Analyze the strategy instead of ICL analysis. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3096 Copyright (C) 2021 CA. All rights reserved. R01230-D200-SP1 DESC(SPORADIC SOC4 WHEN ANALYZING ICL). ++VER (Z038) FMID (CINSK00) PRE (R099553 S001396 S004455 S004718 S007379 S011691 S011966 S012361 S012933 S014125 S014832) SUP (ST16088)

Service	Details
SO16089	SO16089 M.C.S. ENTRIES = ++PTF (SO16089) ZIIP SUPPORT FOR OUTPUT-CONTROL ALL/REORG ENHANCEMENT DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) now supports System z Integrated Information Processor (zIIP) when you specify OUTPUT-CONTROL ALL or REORG. Offloading zIIP-eligible workloads to zIIP processors can reduce the processing load on your general CPUs. zIIP functionality is controlled by specifying either ZIIP {YES NO} in the SYSIN DD statement, or PFL-ZIIP {YES NO} in hlq.CDBAPARM(UTIL). PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1303 Copyright (C) 2021 CA. All rights reserved. R01231-D200-SP1 DESC(ZIIP SUPPORT FOR OUTPUT-CONTROL ALL/REORG) . ++VER (Z038) FMID (CPFLK00) PRE (R096581 R097708 R099557 S000018 S000704 S001401 S001656 S004275 S004459 S004857 S005012 S006117 S006866 S007170 S007811 S008071 S008378 S008407 S008428 S008584 S009024 S009900 S009977 S010195 S010752 S011235 S011431 S011520 S011601 S011846 S011946 S011996 S012128 S012150 S012275 S012526 S012984 S013066 S013097 S013203 S013765 S014031 S014772 S015015 S015312 S015484 S015738 S015938) SUP (AS09180 AS13066 AS13203 AS14433 AS14772 S000081 S009180 S009378 S011325 S013175 S014025 S014433 S014694 S015771 ST00081 ST05071 ST09180 ST09378 ST11325 ST13175 ST14018 ST14025 ST14433 ST14694 ST15281 ST15288 ST15771 ST16089 TR99436) ++IF FMID(CPUTK00) REQ(SO16090) . ++HOLD (SO16089) SYSTEM FMID(CPFLK00) REASON (MSGSKEL) DATE (21018) COMMENT (<pre> +-----+ CA Fast Load for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * </pre>

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

Service	Details
SO16090	SO16090 M.C.S. ENTRIES = ++PTF (SO16090) ZIIP SUPPORT FOR OUTPUT-CONTROL ALL/REORG ENHANCEMENT DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) now supports System z Integrated Information Processor (zIIP) when you specify OUTPUT-CONTROL ALL or REORG. Offloading zIIP-eligible workloads to zIIP processors can reduce the processing load on your general CPUs. zIIP functionality is controlled by specifying either ZIIP {YES NO} in the SYSIN DD statement, or PFL-ZIIP {YES NO} in hlq.CDBAPARM(UTIL). PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1303 Copyright (C) 2021 CA. All rights reserved. R01231-D200-SP1 DESC(ZIIP SUPPORT FOR OUTPUT-CONTROL ALL/REORG) . ++VER (Z038) FMID (CPUTK00) PRE (R096590 S000024 S001659 S004469 S005016 S006127 S007172 S007711 S007894 S009253 S011110 S011238 S011848 S011849 S011999 S012153 S012278 S012529 S012717 S013153 S013205 S013767 S014502 S014773 S015486) SUP (ST16090) ++IF FMID(CPFLK00) REQ(SO16089) . ++HOLD (SO16090) SYSTEM FMID(CPUTK00) REASON (MSGSKEL) DATE (21018) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Utilities Common Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. </pre>

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

Service	Details
SO16107	SO16107 M.C.S. ENTRIES = ++PTF (SO16107) GROUP SECURITY ASSIGNMENT INCORRECT W/ACF2 AND MANY GROUPS PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) may not correctly assign user security by group in the SECURITY file when ACF2 is the security product and more than approximately 400 groups (resource type TGR) are defined. SYMPTOMS: The message: DBG55096E - FUNCTION RESTRICTED BY SECURITY is received when logging on to the Sysview/DB2 User Interface. IMPACT: You cannot set up security by GROUP. CIRCUMVENTION: Set up security by USER. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2551 Copyright (C) 2021 CA. All rights reserved. R01233-D200-SP1 DESC(GROUP SECURITY ASSIGNMENT INCORRECT W/ACF2 AND MANY GROUPS). ++VER (Z038) FMID (CIDBK00) PRE (R099552 S001395 S004454 S008846 S011616 S013005) SUP (ST03922 ST03947 ST16107) ++HOLD (SO16107) SYSTEM FMID(CIDBK00) REASON (RESTART) DATE (21008) COMMENT (<pre> +-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Ensure compatible maintenance levels +-----+-----+ USERS SYSVIEW for z/OS - SYSVIEW for DB2 (Insight) integration AFFECTED users +-----+-----+ KNOWLEDGE SYSVIEW for DB2 product administration REQUIRED +-----+-----+ ACCESS Restart PC owner and VTAM UI address spaces REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop the Data Collector address spaces. 2. Stop the PC owner. 3. Stop the VTAM user interface </pre>

Service	Details
	4. Update the runtime library. 5. Start the VTAM user interface task. 6. Start the PC owner. 7. Start the Data Collectors.).

Service	Details		
SO16113	SO16113 M.C.S. ENTRIES = ++PTF (SO16113)		
	DB2 THREADS ABEND OC4 SPORADICALLY FOLLOWING THREAD CANCEL		
	PROBLEM DESCRIPTION:		
	CA Detector for DB2 for z/OS (PDT) may cause Db2 threads to abend with an OC4 following the cancellation of a thread that is executing a native SQL SQL stored procedure or a trigger.		
	SYMPTOMS:		
	Threads abend with an OC4, following a S13E abend.		
	IMPACT:		
	Db2 threads abend and CA Detector must be re-cycled to clear the problem.		
	CIRCUMVENTION:		
	Set TRG(N) in the start command, or set Triggered SQL ==> N (Y/N) on the DETECTOR Start Collection Display.		
	Note: The circumvention will disable the collection of triggers and native SQL stored procedures.		
	PRODUCT(S) AFFECTED:		
	CA Detector for DB2 for z/OS	Version 20.0	
	Related Problem:		
	PDT 1725		
	Copyright (C) 2021 CA. All rights reserved. R01234-D200-SP1		
	DESC(DB2 THREADS ABEND OC4 SPORADICALLY FOLLOWING THREAD CANCEL).		
	++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 S015927 ST00423 ST06838 ST08446		
ST09828 ST10492 ST10652 ST13450 ST13655 ST14680			
ST15843 ST15927 ST16113 TR99946)			
++HOLD (SO16113) SYSTEM FMID(CPDTK00)			
REASON (RESTART) DATE (21008)			
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.		

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

Service	Details
SO16116	SO16116 M.C.S. ENTRIES = ++PTF (SO16116) VTAM COMPRESSION OPTION ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) is enhanced to allow user specification of the VTAM data stream compression option for the RAF (Remote Access Facility) environment. A new data collector SYSPARM called VTAM-COMPRESS=YES NO COMPAT will be available to specify: a) Hardware Compression (YES) b) No Compression (NO) c) Software compression (COMPAT) COMPAT retains compatibility with older versions of the UI. See the online documentation for recommendations for use. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2552 Copyright (C) 2021 CA. All rights reserved. R01235-D200-SP1 DESC(VTAM COMPRESSION OPTION). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008279 S008846 S009519 S009556 S010160 S011616 S012769 S013891 S014164 S014389 S014923 S015070 S015931) SUP (ST16116) ++HOLD (SO16116) SYSTEM FMID(CIDBK00) REASON (ENH) DATE (21014) COMMENT (<pre> +-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE To select appropriate VTAM compression Allow users the option of using high compression, low compression, or no compression. +-----+-----+ USERS AFFECTED All Sysview/DB2 users. +-----+-----+ KNOWLEDGE REQUIRED Customization of Sysview/DB2 SYSPARMS. +-----+-----+ ACCESS REQUIRED Sysview/DB2 installation SYSPARMS file. +-----+-----+ ***** </pre>

Service	Details
	<pre>* STEPS TO PERFORM * ***** The SYSPARM VTAM-COMPRESS=YES may not be used until this maintenance has been rolled out to the Data collectors AND the UI. If the maintenance is rolled out to data collectors first, leave the default setting of VTAM-COMPRESS=COMPAT.). CSECT (NCVSDRCC,NCVSDRCM) .</pre>

Service	Details
SO16132	SO16132 M.C.S. ENTRIES = ++PTF (SO16132) DEPENDENCY STRATEGY CREATE FAILS IF IMPLICIT SQ IS INCLUDED PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), a SOC1 abend occurs during creation of a dependency strategy on database/tablespace/table where an implicit sequence is involved. SYMPTOMS: Dependency strategy creation fails with SOC1. IMPACT: User is not able to create the strategy. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS(RCM) Version 20.0 Related Problem: OFS 706 Copyright (C) 2021 CA. All rights reserved. R01236-D200-SP1 DESC (DEPENDENCY STRATEGY CREATE FAILS IF IMPLICIT SQ IS INCLUDED) . ++VER (Z038) FMID (CINSK00) PRE (R099553 S007807) SUP (ST16132) ++IF FMID(COFSK00) REQ(SO16133) .

Service	Details
SO16133	SO16133 M.C.S. ENTRIES = ++PTF (SO16133) DEPENDENCY STRATEGY CREATE FAILS IF IMPLICIT SQ IS INCLUDED PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), a SOC1 abend occurs during creation of a dependency strategy on database/tablespace/table where an implicit sequence is involved. SYMPTOMS: Dependency strategy creation fails with SOC1. IMPACT: User is not able to create the strategy. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS(RCM) Version 20.0 Related Problem: OFS 706 Copyright (C) 2021 CA. All rights reserved. R01236-D200-SP1 DESC (DEPENDENCY STRATEGY CREATE FAILS IF IMPLICIT SQ IS INCLUDED) . ++VER (Z038) FMID (COFSK00) PRE (R096577 R099554 S001397 S004456 S008663) SUP (ST16133) ++IF FMID(CINSK00) REQ(SO16132) .

Service	Details
SO16149	SO16149 M.C.S. ENTRIES = ++PTF (SO16149) DISPLAY PROBLEM FOR PRF USER IDS 8 BYTES IN LENGTH PROBLEM DESCRIPTION: CA Report Facility (PRF) user IDs that are 8 bytes in length display with a '>' character in the 8th byte. To support long names, the length of PRF user IDs was increased from 8 bytes to 128 bytes, and the length of PRF object names was increased from 18 bytes to 128 bytes. However, PRF screens display a maximum of 8 bytes for user IDs. PRF user IDs greater than 8 bytes in length display with a '>' character in the 8th byte to signify a length greater than 8 bytes. SYMPTOMS: PRF user IDs that are exactly 8 bytes in length display on the screen with a '>' character in the 8th byte. IMPACT: PRF users with 8 byte user IDs are unable to view the last byte of their user ID on some PRF screens. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Report Facility Version 20.0 Related Problem: BIPRF 731 Copyright (C) 2021 CA. All rights reserved. R01237-D200-SP1 DESC(DISPLAY PROBLEM FOR PRF USER IDS 8 BYTES IN LENGTH) . ++VER (Z038) FMID (CPRFK00) PRE (R096585 R097712 R098496 R099195 R099562 S001406 S004464 S006122 S006443 S006870 S009662 S011731) SUP (ST16149) ++IF FMID(CPRFK01) REQ(S016150) . ++IF FMID(CPRFK02) REQ(S016151) . CSECT(PRFQOPT) . CSECT(XXXXBPB) . CSECT(XXXXCRF) . CSECT(XXXXDJD) . CSECT(XXXXDJP) . CSECT(XXXXDJV) . CSECT(XXXXDKH) . CSECT(XXXXDKV) . CSECT(XXXXDKZ) . CSECT(XXXXDPC) . CSECT(XXXXDPD) . CSECT(XXXXDPG) . CSECT(XXXXFXB) . CSECT(XXXXNQT) . CSECT(XXXXPBM) . CSECT(XXXXVXB) .

Service	Details
SO16160	SO16160 M.C.S. ENTRIES = ++PTF (SO16160) SOC1 ABEND IN RRL\$UL7 IN NON-DATA SHARING ENVIRONMENT PROBLEM DESCRIPTION: CA Rapid Reorg for DB2 for z/OS (PRR) may ABEND with an SOC1 in RRL\$UL7 when the following conditions are met: 1. When the job runs in a Non-Data sharing Environment 2. EXTENDED-TSREORG YES is in effect 3. RECLUSTER NO is in effect SYMPTOMS: The following error messages appear in PTIMSG: PRR0072E - CSECT: RRA\$UL7 Abended, Code: X'840C1000' - ESTAE Intercepted PRR0085E - A Tablespace UNLOAD/RELOAD Task has failed Execution will continue with the following SYMPTOM DUMP: SYSTEM COMPLETION CODE=0C1 REASON CODE=00000001 TIME=XX.XX.XX SEQ=31642 CPU=4004 ASID=00D0 PSW AT TIME OF ERROR 078C0000 99E7E430 ILC 2 INTC 01 ACTIVE MODULE ADDRESS=00000000_19E71000 OFFSET=0000D430 NAME=RRL\$UL7 DATA AT PSW 19E7E42A - A7740013 00DEAD1E C7D3D4C5 AR/GR 0: 00000040/000001FF 1: 00000000/19B1F008 2: 00000000/19B1F000 3: 00000000/99E76D30 4: 00000000/1A14D000 5: 00000000/00000000 6: 00000000/1A00AFF6 7: 00000000/19E82B00 8: 00000000/99B36670 9: 00000000/19DC4030 A: 00000000/19E0C010 B: 00000000/19E76D00 C: 00000000/19E73CC0 D: 00000000/19E0C010 E: 10000000/99E76D4C F: 00000000/19E7DDDD END OF SYMPTOM DUMP IMPACT: PRR job fails. CIRCUMVENTION: The problem does not occur when EXTENDED-TSREORG NO or RECLUSTER YES is in effect. PRODUCT(S) AFFECTED: CA Rapid Reorg For DB2 for z/OS Version 20.0 Related Problem: PRR 1377 Copyright (C) 2021 CA. All rights reserved. R01238-D200-SP1 DESC(SOC1 ABEND IN RRL\$UL7 IN NON-DATA SHARING ENVIRONMENT). ++VER (Z038) FMID (CPRRK00) PRE (R096588 R098968 S000023 S000846 S005015 S006609 S009954 S011237 S011998 S012152 S014034) SUP (ST16160) CSECT(RRA\$UL7,#@XFCALR).

Service	Details
SO16165	SO16165 M.C.S. ENTRIES = ++PTF (SO16165) PRF ABENDS WHEN QUERY IS SELECTED AND SQL ERROR OCCURS PROBLEM DESCRIPTION: CA Report Facility (PRF) may abend when a query is selected from any PRF menu and an SQL error occurs during the verification of the query's attached tables. After this PTF is applied, an error message will be displayed and the table for which the error occurred will be detached from the query. SYMPTOMS: After selecting the query: - In some cases the SQL error screen appears. - PRF detaches the table(s) and displays message "PRF0501W TABLE ALTERED SINCE QUERY LAST USED. QUERY CORRESPONDINGLY CHANGED." - PRF detaches the table(s) and displays the Select Tables screen without an error message. - PRF abends and displays message "PRF0933E PRF APPLICATION ABENDED CONTACT YOUR SYSTEM ADMINISTRATOR." IMPACT: The displayed message is misleading and the query may be inaccessible. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Report Facility Version 20.0 Related Problem: BIPRF 732 Copyright (C) 2021 CA. All rights reserved. R01239-D200-SP1 DESC(PRF ABENDS WHEN QUERY IS SELECTED AND SQL ERROR OCCURS) . ++VER (Z038) FMID (CPRFK00) PRE (R097712 R098496 R099195 R099562 S001406 S004464 S006443) SUP (ST16165) ++IF FMID(CPRFK01) REQ(SO16166) . ++IF FMID(CPRFK02) REQ(SO16167) . CSECT (XXXXDKK) .

Service	Details
SO16173	SO16173 M.C.S. ENTRIES = ++PTF (SO16173) INCREASE MAXIMUM INTERVAL COUNT FROM 999 TO 9999 ENHANCEMENT DESCRIPTION: CA Detector for DB2 for z/OS (PDT) and CA Subsystem Analyzer (PSA) is being updated to increase the number of intervals on a datastore from 999 to 9999 PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1722 Copyright (C) 2021 CA. All rights reserved. R01242-D200-SP1 DESC(INCREASE MAXIMUM INTERVAL COUNT FROM 999 TO 9999). ++VER (Z038) FMID (CINSK00) PRE (SO10004) SUP (ST16173) ++IF FMID(CPDTK00) REQ(SO16174) . ++HOLD (SO16173) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21015) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.).</pre>

Service	Details
SO16174	SO16174 M.C.S. ENTRIES = ++PTF (SO16174) INCREASE MAXIMUM INTERVAL COUNT FROM 999 TO 9999 ENHANCEMENT DESCRIPTION: CA Detector for DB2 for z/OS (PDT) and CA Subsystem Analyzer (PSA) is being updated to increase the number of intervals on a datastore from 999 to 9999 PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1722 Copyright (C) 2021 CA. All rights reserved. R01242-D200-SP1 DESC(INCREASE MAXIMUM INTERVAL COUNT FROM 999 TO 9999). ++VER (Z038) FMID (CPDTK00) PRE (R096168 R096580 R097923 R098429 R098853 R099556 S001400 S003942 S004458 S004757 S006116 S006334 S007810 S010908 S011694 S012652 S013616 S013889 S013987 S014299 S014338 S014782 S014860) SUP (S006237 S010521 S014397 ST06237 ST10521 ST14397 ST16174) ++IF FMID(CINSK00) REQ(SO16173) . ++HOLD (SO16174) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21015) COMMENT (<pre> +-----+ CA Detector for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between </pre>

Service	Details
	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
SO16175	SO16175 M.C.S. ENTRIES = ++PTF (SO16175) INCREASE MAXIMUM INTERVAL COUNT FROM 999 TO 9999 ENHANCEMENT DESCRIPTION: CA Detector for DB2 for z/OS (PDT) and CA Subsystem Analyzer (PSA) is being updated to increase the number of intervals on a datastore from 999 to 9999 PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 20 .0 Related Problem: PSA 539 Copyright (C) 2021 CA. All rights reserved. R01243-D200-SP1 DESC(INCREASE MAXIMUM INTERVAL COUNT FROM 999 TO 9999). ++VER (Z038) FMID (CPSAK00) PRE (R097716 R098251 R099565 S000871 S004468 S007819 S009267 S010867 S012926 S014681 S014861) SUP (S008190 ST08190 ST16175) ++HOLD (SO16175) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (21015) 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. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures. </pre>

Service	Details
	) . CSECT (SA#BTUCC,SA#BTU) .

Service	Details
SO16176	SO16176 M.C.S. ENTRIES = ++PTF (SO16176) SOC4 IN RML@RICL IF TRIGGER ICL HAS LOWER CASE BEGIN ATOMIC PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), an ICL analysis may end with a SOC4 abend with a reason code 4 if the ICL is on triggers and the 'BEGIN ATOMIC' of triggered-SQL-statement is in lower case. SYMPTOMS: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000004 TIME=11.23.32 SEQ=15394 CPU=0000 ASID=048C PSW AT TIME OF ERROR 078D0000 BB5B0238 ILC 4 INTC 04 ACTIVE MODULE ADDRESS=00000000_3B500000 OFFSET=000B0238 NAME=RML@RICL DATA AT PSW 3B5B0232 - 76A89601 60829108 AD8F4710 IMPACT: Customers will not be able to apply the incremental changes to the target trigger. CIRCUMVENTION: Edit the ICL and change the lower case 'begin atomic' to upper case 'BEGIN ATOMIC' and re-analyze the ICL. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3097 Copyright (C) 2021 CA. All rights reserved. R01244-D200-SP1 DESC(SOC4 IN RML@RICL IF TRIGGER ICL HAS LOWER CASE BEGIN ATOMIC). ++VER (Z038) FMID (CINSK00) PRE (S004455 S004718 S006863 S007379 S007807 S009105 S011966 S012361 S012933 S014125 S014832 S015804) SUP (S010021 ST10021 ST16176)

Service	Details
SO16181	SO16181 M.C.S. ENTRIES = ++PTF (SO16181) ONLY FIRST DATASET OF LOB COPIED WHEN HPGHPREF NOT IN SYNC PROBLEM DESCRIPTION: The EXCP NO engine of CA Quick Copy for Db2 for z/OS (PQC) copies only the first dataset of a multi-dataset LOB tablespace when the value of the HPGHPREF field in the header page does not match the total number of the pages in the tablespace. This occurs mainly when the image copy is created immediately after reorganization of the tablespace. SYMPTOMS: The resulting image copy holds data only from the first dataset of the LOB tablespace. The PQC0119I NUMBER OF 4K BLOCKS WRITTEN PER COPY: n message indicates the number of 4K blocks matching the size of the first dataset of the LOB tablespace. IMPACT: An unusable, truncated copy of the tablespace is created. CIRCUMVENTION: Use the EXCP YES copy engine. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 19.0 CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PQC 882 Copyright (C) 2021 CA. All rights reserved. R01245-D200-SP1 DESC (ONLY FIRST DATASET OF LOB COPIED WHEN HPGHPREF NOT IN SYNC) . ++VER (Z038) FMID (CUGRK00) PRE (R099574 S000029 S000201 S001660 S004475 S005018 S006069 S006132 S006879 S007826 S008668 S009132 S009903 S011239 S015487 S015609) SUP (CC06071 S015308 ST05104 ST15308 ST16181)

Service	Details
SO16183	SO16183 M.C.S. ENTRIES = ++PTF (SO16183) ADD ADDITIONAL HELP MENU PANELS TO THREAD TERMINATOR PROBLEM DESCRIPTION: Output message panels do not exit for the following Thread Terminator message IDs: PTT1135I and PTT1136I. SYMPTOMS: Incorrect panel navigation occurs for these message IDs: PTT1135I and PTT1136I. A generic "panel not found" output message is displayed instead of the correct output message. IMPACT: The correct output message panel is not displayed and upon exiting the Db2 Tools session is terminated. CIRCUMVENTION: Do not obtain the detailed output message information for these message IDs: PTT1135I and PTT1136I. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PTT 369 Copyright (C) 2021 CA. All rights reserved. R01246-D200-SP1 DESC(ADD ADDITIONAL HELP MENU PANELS TO THREAD TERMINATOR). ++VER (Z038) FMID (CINSK00) SUP (ST16183)

Service	Details
SO16194	SO16194 M.C.S. ENTRIES = ++PTF (SO16194) PFU ZIIP SUPPORT FOR UNLOAD FROM IMAGE COPIES ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) now supports System z Integrated Information Processor (zIIP) when unloading data from image copies. Offloading zIIP-eligible workloads to zIIP processors can reduce the processing load on your general CPUs. zIIP functionality is enabled by default. Use the zIIP {YES NO} keyword in the SYSIN DD or in hlq.CDBAPARM(PFU) to control zIIP processing. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1107 Copyright (C) 2021 CA. All rights reserved. R01249-D200-SP1 DESC(PFU ZIIP SUPPORT FOR UNLOAD FROM IMAGE COPIES). ++VER (Z038) FMID (CINSK00) PRE (S006608 S007169 S007940 S012764 S014275) SUP (ST14272 ST16194) ++IF FMID(CPFUK00) REQ(S016195) .

Service	Details
S016195	M.C.S. ENTRIES = ++PTF (S016195) PFU ZIIP SUPPORT FOR UNLOAD FROM IMAGE COPIES ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) now supports System z Integrated Information Processor (zIIP) when unloading data from image copies. Offloading zIIP-eligible workloads to zIIP processors can reduce the processing load on your general CPUs. zIIP functionality is enabled by default. Use the zIIP {YES NO} keyword in the SYSIN DD or in hlq.CDBAPARM(PFU) to control zIIP processing. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1107 Copyright (C) 2021 CA. All rights reserved. R01249-D200-SP1 DESC(PFU ZIIP SUPPORT FOR UNLOAD FROM IMAGE COPIES). ++VER (Z038) FMID (CPFUK00) PRE (R096582 R099558 S000019 S001402 S001657 S001818 S004460 S005013 S005101 S005503 S006118 S006867 S007171 S007381 S007812 S008068 S008112 S008585 S008860 S009025 S009107 S009337 S009764 S010043 S010175 S011108 S011236 S011476 S011602 S011644 S011968 S011997 S012108 S012151 S012197 S012276 S012363 S012527 S012653 S012934 S013151 S013319 S013684 S013707 S013766 S013960 S014032 S014053 S014382 S014501 S014984 S015236 S015805) SUP (AC15085 AR99558 AS08585 AS10023 AS10175 BS12108 S000295 S008352 S009675 S010023 S010107 S010442 S010626 S011013 S011052 S011993 S013437 S015086 S015767 ST00295 ST01651 ST03708 ST08352 ST08865 ST08980 ST09009 ST09303 ST09329 ST09675 ST10023 ST10106 ST10107 ST10442 ST10626 ST11013 ST11052 ST11173 ST11993 ST13123 ST13437 ST13915 ST14215 ST14263 ST15086 ST15158 ST15592 ST15600 ST15619 ST15630 ST15767 ST15957 ST16195 TR99755 TR99770 TR99785 TR99800 TR99815 TR99867) ++IF FMID(CINSK00) REQ(S016194) . ++HOLD (S016195) SYSTEM FMID(CPFUK00) REASON (ACTION) DATE (21027) COMMENT (-----+-----+-----+ CA Fast Unload for DB2 for z/OS Version 20.0 +-----+-----+-----+ SEQUENCE After Apply +-----+-----+-----+ PURPOSE Review zIIP YES/NO parameter +-----+-----+-----+ USERS All CA Fast Unload for DB2 for z/OS unloading from AFFECTED IMAGE COPY +-----+-----+-----+ KNOWLEDGE PFU Product Administration

Service	Details
	<pre> REQUIRED +-----+-----+ ACCESS PFU Product Administration REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** This PTF allows the image copy unload processing to offload to zIIP processors. Using zIIP processors is the default. Some unloads from image copies may experience an increase in total elapsed time with ZIIP YES. If any variation in elapsed time could compromise processing windows, then consider using ZIIP NO for imagecopy input.). CSECT(UTAFUPS2,TROUBLE). CSECT(UTAFUQUE,UTAFUTAE). CSECT(UTAFUSWP,UTAFUTAE). CSECT(UTAFUULC,TROUBLE). CSECT(UTAFUULT,TROUBLE). </pre>

Service	Details
SO16200	SO16200 M.C.S. ENTRIES = ++PTF (SO16200) IDB2 - OPTIMIZATION OF UNLOAD INVOCATION ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector will calculate the percentage of unloaded data in online history file, ONLY when HISTARCH-ACCT-TASK & HISTARCH-STATS-TASK system parameters specify the name of the unload procedure In addition, Below new message is introduced, when Last Unload Key does not point an IFCID 1 due to corruption and REMEMBER-POS=YES: DBG73120W YYYY 06:47:35 LAST UNLOAD KEY NOT POINTING TO IFCID 1, MAY RESULT IN DUPLICATE EXTRACTION PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2556 Copyright (C) 2021 CA. All rights reserved. R01250-D200-SP1 DESC(IDB2 - OPTIMIZATION OF UNLOAD INVOCATION). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008279 S008846 S009519 S009556 S010160 S010906 S011616 S011977 S012769 S013891 S014016 S014164 S014389 S014642 S014843 S014923 S015049 S015070 S015254 S015931 S016116) SUP (R097683 ST15722 ST16200 TR97683) CSECT(NALDSKOM). CSECT(NUHSTLOM).

Service	Details
SO16205	SO16205 M.C.S. ENTRIES = ++PTF (SO16205) SUPPORT FOR ONLINE EXECUTION MODE IS DISCONTINUED PROBLEM DESCRIPTION: As previously announced (in SO14565), CA Database Analyzer for DB2 for z/OS (PDA) no longer supports Online Execution Mode to submit: - Extract Procedures - Execution Procedures - Report Procedures SYMPTOMS: None IMPACT: You will no longer be able to submit extract, execution, and report procedures in Online Execution Mode. The following panel message will no longer be displayed when you select Online Execution Mode: Execution Mode ==> O (B)atch, (O)nline <pre> ----- Online Execution Mode will be removed soon. Contact Broadcom Support for details. ----- </pre> The only valid selection for Execution Mode on the panel will be: Execution Mode ==> B (B)atch CIRCUMVENTION: Submit extract, execution and report procedures in Batch Execution Mode. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 1366 Copyright (C) 2021 CA. All rights reserved. R01251-D200-SP1 DESC(SUPPORT FOR ONLINE EXECUTION MODE IS DISCONTINUED). ++VER (Z038) FMID (CINSK00) PRE (R097704 S000016 S003843 S004455 S009761 S013682 S015129) SUP (ST16205) ++IF FMID(CPDAK00) REQ(SO16206) . CSECT(RAAMCTL,PDA2GLD,RSNCDCHK,DO#ESTAX,OWNCHECK,SBLDERR,ATTACH1, TASKMSG,MCTLVERC,MCTLEXTI,MCTLEXTM,SLIPTRAP,TABLE1) .

Service	Details
SO16206	SO16206 M.C.S. ENTRIES = ++PTF (SO16206) SUPPORT FOR ONLINE EXECUTION MODE IS DISCONTINUED PROBLEM DESCRIPTION: As previously announced (in SO14565), CA Database Analyzer for DB2 for z/OS (PDA) no longer supports Online Execution Mode to submit: - Extract Procedures - Execution Procedures - Report Procedures SYMPTOMS: None IMPACT: You will no longer be able to submit extract, execution, and report procedures in Online Execution Mode. The following panel message will no longer be displayed when you select Online Execution Mode: Execution Mode ==> O (B)atch, (O)nlne <pre> ----- Online Execution Mode will be removed soon. Contact Broadcom Support for details. ----- </pre> The only valid selection for Execution Mode on the panel will be: Execution Mode ==> B (B)atch CIRCUMVENTION: Submit extract, execution and report procedures in Batch Execution Mode. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 1366 Copyright (C) 2021 CA. All rights reserved. R01251-D200-SP1 DESC(SUPPORT FOR ONLINE EXECUTION MODE IS DISCONTINUED). ++VER (Z038) FMID (CPDAK00) PRE (SO09763 SO13683) SUP (SO14565 ST14565 ST16206) ++IF FMID(CINSK00) REQ(SO16205) . CSECT(RAAESMN,RATSYM) .

Service	Details
SO16217	SO16217 M.C.S. ENTRIES = ++PTF (SO16217) SOC1 OR S0F8 WITH ZIIP YES PROBLEM DESCRIPTION: - CA Fast Load for DB2 for z/OS (PFL) may abend with SOC1 code when ZIIP YES is in use. - PFL may abend with S0F8-14 code when ZIIP YES is in use and allocation for an index data set fails. SYMPTOMS: - The following message in the JESMSGLG DD: IEA995I SYMPTOM DUMP OUTPUT 510 SYSTEM COMPLETION CODE=0C1 REASON CODE=00000001 TIME=13.55.03 SEQ=04952 CPU=0000 ASID=029A PSW AT TIME OF ERROR 078C0000 00000002 ILC 2 INTC 01 NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 00000000 - 000A0000 000130E1 00000000 GR 0: 00000000 1: 35307C48 2: 3553DC28 3: 00000000 4: 00000002 5: 00000000 6: 3550FA98 7: 3598B000 8: 356ABAB0 9: 35589F58 A: 35335000 B: 355A8000 C: 355AE0C0 D: 35682004 E: B55AE118 F: 00000000 END OF SYMPTOM DUMP - The following messages in the PTIMSG DD: PUT4425E - Index <dataset_name> failed allocation PFL3003E - Index task processing abended PFL3004E - Task ECB X'000F8000' Return Code: X'00000010' The following symptom dump is also printed in the JESMSGLG DD: IEA995I SYMPTOM DUMP OUTPUT SYSTEM COMPLETION CODE=0F8 REASON CODE=00000014 TIME=03.57.08 SEQ=45137 CPU=4008 ASID=0413 PSW AT TIME OF ERROR 078C1000 BB3722F0 ILC 2 INTC 6B ACTIVE MODULE ADDRESS=00000000_3B36E000 OFFSET=000042F0 NAME=UTLGLRI2 DATA AT PSW 3B3722EA - A718000C 0A6B4120 D1A44130 AR/GR 0: 0000011C/00000000_00000002 1: 00000000/00000000_0000000C 2: FFFFFFFF/00000000_00000000 3: FFFFFFFF/00000000_00000000 4: FFFFFFFF/00000000_00000000 5: FFFFFFFF/FFFFFFF_00000000 6: FFFFFFFF/FFFFFFF_3B3C9950 7: FFFFFFFF/FFFFFFF_3B270F78 8: FFFFFFFF/FFFFFFF_00000000 9: FFFFFFFF/FFFFFFF_3B2B4790 A: FFFFFFFF/FFFFFFF_3B2B4560 B: FFFFFFFF/FFFFFFF_3B3700C8 C: FFFFFFFF/FFFFFFF_3B3722B8 D: FFFFFFFF/00000000_3B3C900C E: 00000000/00000000_BB3722D0 F: 0400042C/00000000_00000000 END OF SYMPTOM DUMP IMPACT: The load fails. CIRCUMVENTION: - Specify ZIIP NO or OUTPUT-CONTROL ALL. - Specify ZIIP NO. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS

Service	Details
	Related Problem: PFL 1308 Copyright (C) 2021 CA. All rights reserved. R01252-D200-SP1 DESC(SOC1 OR SOF8 WITH ZIIP YES) . ++VER (Z038) FMID (CPUTK00) PRE (S000024 S004469 S005016 S007172 S011999 S012153 S013205 S014773 S015486 S016090) SUP (ST16217)

Service	Details
SO16246	SO16246 M.C.S. ENTRIES = ++PTF (SO16246) SOF8 PTL SVC26 CLASSIC SEGMENTED MULTIPLE DATASETS PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) may terminate with an SOF8 abend in PTL SVC26. This happens when PFL is loading a table in a classic segmented (non-UTS) tablespace, the SPACE-DEFN NO and ZIIP YES options are in effect, and PFL needs to instantiate a new dataset. SYMPTOMS: The following messages are printed in the PTIMSG DD: PFL3019E - ESTAE intercepted in CSECT FLARM2 - ABEND code X'840F8000' PFL3019E - ESTAE intercepted in CSECT FLAUTS1 - ABEND code X'840F8000' PFL0206E - FASTLOAD application did not complete successfully PFL0207E - T_Space Task ECB: X'000F8000' Return Code: X'00000004' PFL0212E - Data sets did not load successfully The JESMSG LG DD will contain a SYMPTOM dump similar to this one: IEA995I SYMPTOM DUMP OUTPUT 071 SYSTEM COMPLETION CODE=0F8 REASON CODE=00000004 TIME=08.01.41 SEQ=20803 CPU=4008 ASID=026A PSW AT TIME OF ERROR 078C0000 BB2234F6 ILC 2 INTC 78 ACTIVE MODULE ADDRESS=00000000_3B223000 OFFSET=000004F6 NAME=PTL SVC26 DATA AT PSW 3B2234F0 - C4E41B11 0A7812FF 4770C188 AR/GR 0: 007ACE88/00000018 1: 00000000/00000000 2: 00000000/00000001 3: FFFFFFFF/00000048 4: FFFFFFFF/3B036000 5: FFFFFFFF/00000000 6: FFFFFFFF/3B036000 7: FFFFFFFF/3B86A000 8: FFFFFFFF/3B262BF8 9: FFFFFFFF/3B2CE030 A: FFFFFFFF/3B243E84 B: FFFFFFFF/3B224000 C: 00000000/BB223000 D: FFFFFFFF/3B86B000 E: 00000000/BB223BB8 F: FFFFFFFF/10004870 END OF SYMPTOM DUMP IMPACT: The load fails. CIRCUMVENTION: Specify ZIIP NO. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Related Problem: PFL 1309 Copyright (C) 2021 CA. All rights reserved. R01254-D200-SP1 DESC(SOF8 PTL SVC26 CLASSIC SEGMENTED MULTIPLE DATASETS). ++VER (Z038) FMID (CPFLK00) PRE (R096581 R097708 S000018 S000081 S004459 S005012 S006117 S006866 S011325 S011996 S012150 S013066 S013175 S013203 S014031 S014772 S015015 S015484 S016089) SUP (AS09180 AS13203 AS14433 S009180 S009378 S014025 S014433 S014694 ST05071 ST09180 ST09378 ST14018 ST14025 ST14433 ST14694 ST16246)

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Service	Details
S016258	S016258 M.C.S. ENTRIES = ++PTF (S016258) PERFORMANCE IMPROVEMENTS IN PROCESSING OF PRF BATCH REPORTS ENHANCEMENT DESCRIPTION: CA Report Facility (PRF) Batch processing has been tuned to improve system performance while executing large PRF Column and Tabulation Form reports in Batch. PRODUCT(S) AFFECTED: CA Report Facility Version 20.0 Related Problem: BIPRF 733 Copyright (C) 2021 CA. All rights reserved. R01256-D200-SP1 DESC(PERFORMANCE IMPROVEMENTS IN PROCESSING OF PRF BATCH REPORTS). ++VER (Z038) FMID (CPRFK00) PRE (R097712 R098496 R099195 R099562 S001406 S004464 S006122 S006443 S006870) SUP (ST06521 ST16258) ++IF FMID(CPRFK01) REQ(S016259) . ++IF FMID(CPRFK02) REQ(S016260) . CSECT(PIEFFFC) . CSECT(XXXPXHC) . CSECT(XXXXFXH) . CSECT(XXXXFXN) . CSECT(XXXXHXXH) . CSECT(XXXXPXP) . CSECT(XXXXSLT) . CSECT(XXXXXPT) .

Service	Details
S016262	S016262 M.C.S. ENTRIES = ++PTF (S016262) INCORRECT DATA UNLOADED WHEN MULTIPLE SELECTS SPECIFIED PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may unload incorrect data when the following conditions are true: - SQL-ACCESS ONLY or EXTENSION is specified. - OUTPUT-FORMAT DSNTIAUL is specified. - There are multiple selects. SYMPTOMS: PFU unloads incorrect data. IMPACT: PFU unloads incorrect data. CIRCUMVENTION: Perform one of the following actions: - Use an OUTPUT-FORMAT option other than DSNTIAUL. - Break the PFU step into multiple steps with a single SELECT statement in each step. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1110 Copyright (C) 2021 CA. All rights reserved. R01257-D200-SP1 DESC(INCORRECT DATA UNLOADED WHEN MULTIPLE SELECTS SPECIFIED). ++VER (Z038) FMID (CPFUK00) PRE (S001818 S006118 S016195) SUP (ST16262)

Service	Details
S016266	S016266 M.C.S. ENTRIES = ++PTF (S016266) SOC1 AND PT800E WHEN TIMESTAMP COLUMN HAS DEFAULT VALUES PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may fail with a SOC1 ABEND when unloading from a table containing a TIMESTAMP(6) column with a default value and DDL-CONTROL is specified. SYMPTOMS: The UNLOAD STEP will fail with SOC1 with the following errors: PT800E An internal error occurred. Error information: PT800E CSAIESRV,00,LNAMEMGR,801430F4,0000002C,00000004,00000009 IEA995I SYMPTOM DUMP OUTPUT 406 SYSTEM COMPLETION CODE=0C1 REASON CODE=00000001 TIME=13.04.28 SEQ=18093 CPU=0000 ASID=0414 PSW AT TIME OF ERROR 478D2000 BB16C35C ILC 2 INTC 01 ACTIVE MODULE ADDRESS=00000000_3B16C000 OFFSET=0000035C NAME=CSLIEERR DATA AT PSW 3B16C356 - 41202006 00DEAD01 00D5D6E3 GR 0: 00000004 1: 00000009 2: 00143102 3: 801430F4 4: 3B2011BC 5: 3B201000 6: 3B1F6C2C 7: 0004EAF0 8: 0004F9F0 9: 00000001 A: 0000000A B: 3B200FF8 C: BB16C000 D: 3B06B120 E: 801430F4 F: 0000002C END OF SYMPTOM DUMP IMPACT: UNLOAD fails. CIRCUMVENTION: NONE. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 1109 Copyright (C) 2021 CA. All rights reserved. R01258-D200-SP1 DESC(SOC1 AND PT800E WHEN TIMESTAMP COLUMN HAS DEFAULT VALUES). ++VER (Z038) FMID (CPFUK00) PRE (S001818 S013766 S016195) SUP (ST16266)

Service	Details
SO16270	SO16270 M.C.S. ENTRIES = ++PTF (SO16270) SUPPORT FOR NEW FAST INDEX TRAVERSAL METRICS Enhancement description: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds support for the following FTB metrics in INDEX-WITH-FTB record (IFCID 389): - number of index traversals which occurred in the last interval PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2555 Copyright (C) 2021 CA. All rights reserved. R01261-D200-SP1 DESC(SUPPORT FOR NEW FAST INDEX TRAVERSAL METRICS). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010739 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014754 S015049 S015070 S015254 S015647) SUP (ST16270) CSECT(IFCIDSCS). CSECT(NPLEXDAT,NPLEXSYM,SYMTBLE).

Service	Details
SO16280	SO16280 M.C.S. ENTRIES = ++PTF (SO16280) INCREASE HISTORY-READ-LIMIT PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) security parameter HISTORY-READ-LIMIT maximum value is increased from 1 million to 1 billion records. SYMPTOMS: None. IMPACT: The highest limit available is one million records. CIRCUMVENTION: You may remove the limit entirely, but that may not be a good option as it may cause the terminal to wait for very long queries. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2557 Copyright (C) 2021 CA. All rights reserved. R01265-D200-SP1 DESC (INCREASE HISTORY-READ-LIMIT) . ++VER (Z038) FMID (CIDBK00) SUP (ST16280) ++HOLD (SO16280) SYSTEM FMID(CIDBK00) REASON (DOC) DATE (21027) COMMENT (<pre> +-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 +-----+ ***** * PUBLICATION * ***** HISTORY-READ-LIMIT Security parm has the limit increased from 1 million to 1 billion records.). CSECT (NURDSECM,NPSFLEXM) . </pre>

Service	Details	
SO16300	SO16300 M.C.S. ENTRIES = ++PTF (SO16300) SUPPORT INTERVAL DELTA PROCESSING FOR IFCID 148 ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) now supports interval delta processing for IFCID 148 (THREAD-STATS). A new IQL request THRDEXCP (based on IFCID 148 DELTA processing) has been introduced to populate two new IQL-based exceptions: THDNOCMT Thread with no commit Auth ID xxxxxxxx Corr ID xxxxxxxxxxxxxx Plan xxxxxxxx Token xxxxxxxx THRDLOOP Thread maybe in loop Auth ID xxxxxxxx Corr ID xxxxxxxxxxxxxx Plan xxxxxxxx Token xxxxxxxx THDNOCMT notifies about the threads that do not regularly commit (zero COMMITs in a DELTA interval). THRDLOOP notifies about the threads that consume a lot of CPU and do not access any data (zero GETPAGES and high CPU in a DELTA interval). Such threads might be looping. The THRDEXCP request is NOT started by default, so the exceptions will not be triggered. Customize the THRDEXCP contents and add it to the STARTUP member to start it along with the data collector start. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2541 Copyright (C) 2021 CA. All rights reserved. R01269-D200-SP1 DESC(SUPPORT INTERVAL DELTA PROCESSING FOR IFCID 148). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R099552 S000077 S001395 S004454 S006112 S006862 S006977 S007806 S008279 S008846 S009519 S009556 S010160 S010739 S010906 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014016 S014099 S014642 S014754 S014923 S015049 S015070 S015254 S015647 S015931) SUP (S009054 S009055 S013032 ST05936 ST09054 ST09055 ST13032 ST16271 ST16300) CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) . CSECT (NDDELTA,NDDELTA) . CSECT (NPCMDRDC,NPCMDRDR) . CSECT (NPFLDLSC,NPFLDLST) . CSECT (NREQMGTC,NREQMGT) . CSECT (NRINTRVC,NRINTRVL) . CSECT (NSIRITAC,NSIRITAB) . CSECT (NUHSTRDC,NUHSTRDM) . MCS S015864 STARTS ON PAGE 0002 MCS S015952 STARTS ON PAGE 0003 MCS S015980 STARTS ON PAGE 0004 MCS S016045 STARTS ON PAGE 0007 MCS S016046 STARTS ON PAGE 0008 MCS S016053 STARTS ON PAGE 0009 MCS S016057 STARTS ON PAGE 0010 MCS S016067 STARTS ON PAGE 0010 MCS S016071 STARTS ON PAGE 0012	

Service	Details		
	MCS	S016075	STARTS ON PAGE 0013
	MCS	S016088	STARTS ON PAGE 0014
	MCS	S016089	STARTS ON PAGE 0015
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	MCS	S016113	STARTS ON PAGE 0020
	MCS	S016116	STARTS ON PAGE 0022
	MCS	S016132	STARTS ON PAGE 0023
	MCS	S016133	STARTS ON PAGE 0024
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	MCS	S016160	STARTS ON PAGE 0026
	MCS	S016165	STARTS ON PAGE 0027
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	MCS	S016181	STARTS ON PAGE 0035
	MCS	S016183	STARTS ON PAGE 0036
	MCS	S016194	STARTS ON PAGE 0037
	MCS	S016195	STARTS ON PAGE 0037
	MCS	S016200	STARTS ON PAGE 0041
	MCS	S016205	STARTS ON PAGE 0042
	MCS	S016206	STARTS ON PAGE 0043
	MCS	S016217	STARTS ON PAGE 0045
	MCS	S016246	STARTS ON PAGE 0046
	MCS	S016258	STARTS ON PAGE 0047
	MCS	S016262	STARTS ON PAGE 0048
	MCS	S016266	STARTS ON PAGE 0049
	MCS	S016270	STARTS ON PAGE 0050
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	MCS	S016300	STARTS ON PAGE 0052

CA DB2 Tools 20.0
CA RS 2102 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 2102 Product/Component Count for this release is 27

CA RS Level	Service	FMID
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	S016217	CPUTK00
	S016206	CPDAK00
	S016205	CINSK00
	S016200	CIDBK00
	S016195	CPFUK00
	S016194	CINSK00
	S016183	CINSK00
	S016181	CUGRK00
	S016176	CINSK00
	S016175	CPSAK00
	S016174	CPDTK00
	S016173	CINSK00
	S016165	CPRFK00
	S016160	CPRRK00
	S016149	CPRFK00
	S016133	COFSK00
	S016132	CINSK00
	S016116	CIDBK00
	S016113	CPDTK00
	S016107	CIDBK00
	S016090	CPUTK00
	S016089	CPFLK00
	S016088	CINSK00
	S016075	CPLAK00
	S016071	CRCQK00
	S016067	CINSK00
	S016057	CIDBK00
	S016053	CINSK00
	S016046	CIDBK00
	S016045	CINSK00
	S015980	CINSK00
	S015952	CIDBK00
	S015864	CINSK00
CAR2101	S016040	CINSK00
	S016032	CINSK00
	S016031	CINSK00
	S016024	CINSK00
	S016001	CINSK00
	S015998	CINSK00
	S015939	CPUTK00

CA RS Level	Service	FMID
	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
	S015585	CPRRK00
	S015573	CPDTK00
	S015541	CPUTK00
	S015531	CPLAK00
	S015506	CINSK00
	S015499	CPDTK00
	S015487	CUGRK00

CA RS Level	Service	FMID
	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
	S015122	CINSK00
	S015094	CPSAK00
	S015086	CPFUK00
	S015075	CINSK00
	S015074	CPUTK00
	S015073	CPDTK00
	S015072	CINSK00

CA RS Level	Service	FMID
	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
	S014731	CINSK00
	S014721	CINSK00
	S014716	CINSK00
	S014694	CPFLK00
	S014681	CPSAK00
	S014680	CPDTK00
	S014675	CPRFK00

CA RS Level	Service	FMID
	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
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	S014254	CIDBK00

CA RS Level	Service	FMID
	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
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	S013887	CPDTK00

CA RS Level	Service	FMID
	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
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00

CA RS Level	Service	FMID
	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
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00

CA RS Level	Service	FMID
	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
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00

CA RS Level	Service	FMID
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCCK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00

CA RS Level	Service	FMID
	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
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00

CA RS Level	Service	FMID
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
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00

CA RS Level	Service	FMID
	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
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00

CA RS Level	Service	FMID
	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
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00

CA RS Level	Service	FMID
	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
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00

CA RS Level	Service	FMID
	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
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00

CA RS Level	Service	FMID
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCSK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00

CA RS Level	Service	FMID
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCCK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00

CA RS Level	Service	FMID
	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
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00

CA RS Level	Service	FMID
	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
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00

CA RS Level	Service	FMID
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
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S007810	CPDTK00
	S007809	CPDAK00
	S007808	COFSK00
	S007807	CINSK00
	S007806	CIDBK00
	S007804	CAHOK00
	S007774	CINSK00

CA RS Level	Service	FMID
	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
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00

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CA RS Level	Service	FMID
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00

CA RS Level	Service	FMID
	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
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00

CA RS Level	Service	FMID
CAR1807	S004275	CPFLK00
	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
CAR1806	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
CAR1805	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCSK00
	S001641	CPLAK00
	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00

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CA RS Level	Service	FMID
	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
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00

CA RS Level	Service	FMID
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	CRCXK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00

CA RS Level	Service	FMID
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRC SK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00

CA RS Level	Service	FMID
	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