

Service	Description	Type
LU02712	PARALLEL INDEX REBUILD SOC4	PTF
LU02726	WHERE IN FILE SYNTAX SUPPORT	PTF
LU02727	WHERE IN FILE SYNTAX SUPPORT	PTF
LU02728	WHERE IN FILE SYNTAX SUPPORT	PTF
LU02816	LAE0032E LAL@BLDX TERMINATED WITH RETURN/ABEND CODE: 0C1	PTF
LU02886	ABEND S878 VTAM UI ADDRESS SPACE WHEN PRINTING OUTPUT	PTF
LU02945	UNLOAD FOR GROUP ICL USES SOURCE SSID IF TARGET IS REMOTE	PTF
LU02979	INACCURATE QUIET POINT ANALYSIS	PTF
LU02985	DUMP NOT CAPTURED FOR ABENDS IN HEALTH CHECK PROCESSING	PTF
LU03018	HELP PANEL DT670I NOT FOUND	PTF
LU03023	ARCHIVE UNLOAD JOB SUBMITTED MULTIPLE TIMES	PTF
LU03032	OVERRIDE SMALL STORAGE LIMITS	PTF
LU03033	OVERRIDE SMALL STORAGE LIMITS	PTF
LU03034	OBJECTS IN STOPP NOT STARTED AFTER SUCCESSFUL REORG	PTF
LU03035	RUNSTATS MODELS MISSING RNPRIN01 DD STATEMENT	PTF
LU03073	MISSING PAGES IN PQC INCREMENTAL IMAGE COPY	PTF
LU03091	NEW FIELD IN QWSA AND RELATED REPORT UPDATES	PTF
LU03093	UNDERREPORTED STATS WITH CPU PARALLELISM	PTF
LU03101	BIND ANALYZER MAY FAIL TO RECOGNIZE SUPPORTED HOST LANGUAGE	PTF
LU03116	POSSIBLE ABEND SOC4 WHEN PROCESSING OR DISPLAYING EXCEPTIONS	PTF
LU03142	ALTER TABLE DDL TO DROP COLUMN IS NOT GENERATED BY RECOVERY	PTF
LU03146	MULTIPLE HISTORY UNLOAD JOBS SUBMITTED WHEN THRESHOLD MET.	** PRP **
LU03152	REMOVAL OF DEPRECATED CUSTOMIZATION FROM POST-INSTALL PANELS	PTF
LU03162	THE OBIO08E ERROR MESSAGE COULD SHOW WRONG REASON CODE	PTF
LU03186	RECOVER PREVIEW SIMULATE ON CATALOG OR DIRECTORY CALLS IBM	*HIP/PRP*
LU03187	PUT2101E WITH PFL RETURN CODE 0	PTF
LU03190	DFSORT AUTONOMIC OPTIMIZATION	PTF
LU03191	DFSORT AUTONOMIC OPTIMIZATION	PTF
LU03192	DFSORT AUTONOMIC OPTIMIZATION	PTF
LU03195	NEW WARNING WTO MESSAGE DBG98010W	PTF
LU03209	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
LU03210	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
LU03211	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
LU03212	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
LU03213	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
LU03214	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
LU03220	PLAN LIST DISPLAYS INCORRECT REPORT OPTIONS	PTF
LU03221	GROUP ICL ANALYSIS USES WRONG DB2 VERSION WHEN TARGET REMOTE	PTF
LU03228	DB2 COMMANDS REPORT OUTPUT IN CSV FORMAT	PTF
LU03231	DISPLAY ELAPSED TIME IN PFR AND PMM	PTF
LU03232	DISPLAY ELAPSED TIME IN PFR AND PMM	PTF
LU03233	DISPLAY ELAPSED TIME IN PFR AND PMM	PTF
LU03234	DISPLAY ELAPSED TIME IN PFR AND PMM	PTF
LU03235	DISPLAY ELAPSED TIME IN PFR AND PMM	PTF
LU03250	DISPLAY LUWID IN THE URID HEADER	PTF
LU03256	DYNSQLCI AND STASQLCI REPORTS SHOW WRONG "FROM DATE TIME"	PTF
LU03259	GROUP ICL-DDL ANALYSIS ENDS WITH A SOC4 ABEND	PTF

DB2 Tools 20.0
CA RS 2111 Service List

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Service	Description	Type
LU03261	DB2 THREAD TERM MAY ABEND AND MAY RESULT IN DB2 COMING DOWN	PTF
The CA RS 2111 service count for this release is 48		

DB2 Tools
CA RS 2111 Service List for CIDBK00

FMID	Service	Description	Type
CIDBK00	LU02886	ABEND S878 VTAM UI ADDRESS SPACE WHEN PRINTING OUTPUT	PTF
	LU02985	DUMP NOT CAPTURED FOR ABENDS IN HEALTH CHECK PROCESSING	PTF
	LU03023	ARCHIVE UNLOAD JOB SUBMITTED MULTIPLE TIMES	PTF
	LU03091	NEW FIELD IN QWSA AND RELATED REPORT UPDATES	PTF
	LU03146	MULTIPLE HISTORY UNLOAD JOBS SUBMITTED WHEN THRESHOLD MET.	** PRP **
	LU03162	THE OBI008E ERROR MESSAGE COULD SHOW WRONG REASON CODE	PTF
	LU03195	NEW WARNING WTO MESSAGE DBG98010W	PTF
	LU03256	DYNSQLCI AND STASQLCI REPORTS SHOW WRONG "FROM DATE TIME"	PTF
The CA RS 2111 service count for this FMID is 8			

DB2 Tools
CA RS 2111 Service List for CINSK00

FMID	Service	Description	Type
CINSK00	LU02726	WHERE IN FILE SYNTAX SUPPORT	PTF
	LU02945	UNLOAD FOR GROUP ICL USES SOURCE SSID IF TARGET IS REMOTE	PTF
	LU03142	ALTER TABLE DDL TO DROP COLUMN IS NOT GENERATED BY RECOVERY	PTF
	LU03190	DFSORT AUTONOMIC OPTIMIZATION	PTF
	LU03209	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
	LU03221	GROUP ICL ANALYSIS USES WRONG DB2 VERSION WHEN TARGET REMOTE	PTF
	LU03259	GROUP ICL-DDL ANALYSIS ENDS WITH A SOC4 ABEND	PTF
The CA RS 2111 service count for this FMID is 7			

DB2 Tools
CA RS 2111 Service List for CPBAK00

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FMID	Service	Description	Type
CPBAK00	LU03101	BIND ANALYZER MAY FAIL TO RECOGNIZE SUPPORTED HOST LANGUAGE	PTF
The CA RS 2111 service count for this FMID is 1			

DB2 Tools
CA RS 2111 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	LU03035	RUNSTATS MODELS MISSING RNPRIN01 DD STATEMENT	PTF
	LU03152	REMOVAL OF DEPRECATED CUSTOMIZATION FROM POST-INSTALL PANELS	PTF
The CA RS 2111 service count for this FMID is 2			

DB2 Tools
CA RS 2111 Service List for CPDTK00

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FMID	Service	Description	Type
CPDTK00	LU03018	HELP PANEL DT670I NOT FOUND	PTF
	LU03093	UNDERREPORTED STATS WITH CPU PARALLELISM	PTF
	LU03261	DB2 THREAD TERM MAY ABEND AND MAY RESULT IN DB2 COMING DOWN	PTF
The CA RS 2111 service count for this FMID is 3			

DB2 Tools
CA RS 2111 Service List for CPFLK00

FMID	Service	Description	Type
CPFLK00	LU03191	DFSORT AUTONOMIC OPTIMIZATION	PTF
	LU03210	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
	LU03231	DISPLAY ELAPSED TIME IN PFR AND PMM	PTF
The CA RS 2111 service count for this FMID is 3			

DB2 Tools
CA RS 2111 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	LU02727	WHERE IN FILE SYNTAX SUPPORT	PTF
	LU03032	OVERRIDE SMALL STORAGE LIMITS	PTF
	LU03211	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
	LU03232	DISPLAY ELAPSED TIME IN PFR AND PMM	PTF
The CA RS 2111 service count for this FMID is 4			

DB2 Tools
CA RS 2111 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	LU02816	LAE0032E LAL@BLDX TERMINATED WITH RETURN/ABEND CODE: 0C1	PTF
	LU02979	INACCURATE QUIET POINT ANALYSIS	PTF
	LU03228	DB2 COMMANDS REPORT OUTPUT IN CSV FORMAT	PTF
	LU03250	DISPLAY LUWID IN THE URID HEADER	PTF
The CA RS 2111 service count for this FMID is 4			

DB2 Tools
CA RS 2111 Service List for CPRRK00

FMID	Service	Description	Type
CPRRK00	LU03034	OBJECTS IN STOPP NOT STARTED AFTER SUCCESSFUL REORG	PTF
	LU03212	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
	LU03233	DISPLAY ELAPSED TIME IN PFR AND PMM	PTF
The CA RS 2111 service count for this FMID is 3			

DB2 Tools
CA RS 2111 Service List for CPSAK00

FMID	Service	Description	Type
CPSAK00	LU03116	POSSIBLE ABEND SOC4 WHEN PROCESSING OR DISPLAYING EXCEPTIONS	PTF
The CA RS 2111 service count for this FMID is 1			

DB2 Tools
CA RS 2111 Service List for CPUTK00

FMID	Service	Description	Type
CPUTK00	LU02728	WHERE IN FILE SYNTAX SUPPORT	PTF
	LU03033	OVERRIDE SMALL STORAGE LIMITS	PTF
	LU03187	PUT2101E WITH PFL RETURN CODE 0	PTF
	LU03192	DFSORT AUTONOMIC OPTIMIZATION	PTF
	LU03213	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
	LU03234	DISPLAY ELAPSED TIME IN PFR AND PMM	PTF
The CA RS 2111 service count for this FMID is 6			

DB2 Tools
CA RS 2111 Service List for CRCQK00

FMID	Service	Description	Type
CRCQK00	LU03220	PLAN LIST DISPLAYS INCORRECT REPORT OPTIONS	PTF
The CA RS 2111 service count for this FMID is 1			

DB2 Tools
CA RS 2111 Service List for CUGRK00

FMID	Service	Description	Type
CUGRK00	LU02712	PARALLEL INDEX REBUILD SOC4	PTF
	LU03073	MISSING PAGES IN PQC INCREMENTAL IMAGE COPY	PTF
	LU03186	RECOVER PREVIEW SIMULATE ON CATALOG OR DIRECTORY CALLS IBM	*HIP/PRP*
	LU03214	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
	LU03235	DISPLAY ELAPSED TIME IN PFR AND PMM	PTF
The CA RS 2111 service count for this FMID is 5			

Service	Details
LU02712	LU02712 M.C.S. ENTRIES = ++PTF (LU02712) PARALLEL INDEX REBUILD SOC4 PROBLEM DESCRIPTION: ABEND SOC4 may occur when CA Fast Recover for Db2 for z/OS (PFR) uses multi-tasking to a rebuild an index on a table that uses an EDITPROC. The ABEND is caused by a program error - the REBUILD subtasks are not properly synchronized to ensure that the EDITPROC load module is not deleted from virtual storage prematurely. SYMPTOMS: Processing terminates with RC=8. The job log contains a symptom dump for ABEND SOC4, reason code 4, 10, or 11. The PSW at the time of ABEND points to FREEMAINED storage, not belonging to any loaded load module. IMACT: Rebuild of indexes defined on a table with EDITPROC may fail. CIRCUMVENTION: Use MAXTASKS 1 in the REBUILD statement. 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: PFR 1070 Copyright (C) 2021 CA. All rights reserved. R01625-D200-SP1 DESC (PARALLEL INDEX REBUILD SOC4). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00728 LU01292 R096595 R099574 S000029 S000788 S001418 S001660 S001855 S004249 S004251 S004475 S004799 S005018 S006132 S006879 S007905 S008280 S008833 S009742 S009903 S010165 S010818 S011083 S011605 S012000 S012155 S012352 S013206 S013586 S014036 S014568 S015487) SUP (LT00973 LT01800 LT02015 LT02048 LT02712 LU00973 LU02048 S012018 S012234 S015817 ST12018 ST12234 ST15817)

Service	Details
LU02726	LU02726 M.C.S. ENTRIES = ++PTF (LU02726) WHERE IN FILE SYNTAX SUPPORT ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) has been enhanced to support IN (FILE (<DD name>)) syntax in the WHERE clause. This syntax lets you filter the data on values that are stored in an external dataset. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 14552 Copyright (C) 2021 CA. All rights reserved. R01627-D200-SP1 DESC(WHERE IN FILE SYNTAX SUPPORT) . ++VER (Z038) FMID (CINSK00) PRE (LU00131 LU00135 LU00254 LU00723 LU01039 LU01405 LU02229 R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004250 S004455 S005011 S006113 S006863 S007807 S008313 S008869 S009761 S010004 S010173 S010389 S011078 S011084 S011234 S012715 S014174 S014381 S014566 S015311 S015709) SUP (LT02383 LT02720 LT02726 LU02383 ST12171) ++IF FMID(CPFUK00) REQ(LU02727) . ++IF FMID(CPUTK00) REQ(LU02728) . CSECT (PTA@MMTE,#@XFCALR) .

Service	Details
LU02727	M.C.S. ENTRIES = ++PTF (LU02727) WHERE IN FILE SYNTAX SUPPORT ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) has been enhanced to support IN (FILE (<DD name>)) syntax in the WHERE clause. This syntax lets you filter the data on values that are stored in an external dataset. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 14552 Copyright (C) 2021 CA. All rights reserved. R01627-D200-SP1 DESC(WHERE IN FILE SYNTAX SUPPORT). ++VER (Z038) FMID (CPFUK00) PRE (LU00281 LU00302 LU00886 LU01350 LU01939 LU02006 R099558 S000019 S001402 S001818 S004460 S006118 S006867 S007812 S008860 S009025 S010043 S011108 S011236 S011997 S012151 S012653 S013151 S013707 S014984 S015236 S016195) SUP (LT02722 LT02727 ST13123 ST15158) ++IF FMID(CPUTK00) REQ(LU02728) . ++IF FMID(CINSK00) REQ(LU02726) . ++HOLD (LU02727) SYSTEM FMID(CPFUK00) REASON (MSGSKEL) DATE (21279) COMMENT (+-----+ CA Fast Unload for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).

Service	Details
LU02728	LU02728 M.C.S. ENTRIES = ++PTF (LU02728) WHERE IN FILE SYNTAX SUPPORT ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) has been enhanced to support IN (FILE (<DD name>)) syntax in the WHERE clause. This syntax lets you filter the data on values that are stored in an external dataset. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 14552 Copyright (C) 2021 CA. All rights reserved. R01627-D200-SP1 DESC(WHERE IN FILE SYNTAX SUPPORT) . ++VER (Z038) FMID (CPUTK00) PRE (LU00248 LU02007 S007820 S008072 S008429 S008586 S009978 S011521 S011848 S013767 S013961 S014428 S014502 S014773 S015740) SUP (BS07820 LT01868 LT01910 LT01930 LT02723 LT02728 LU01930 S015652 ST15652) ++IF FMID(CPFUK00) REQ(LU02727) . ++IF FMID(CINSK00) REQ(LU02726) .

Service	Details
LU02816	LU02816 M.C.S. ENTRIES = ++PTF (LU02816) LAE0032E LAL@BLDX TERMINATED WITH RETURN/ABEND CODE: 0C1 PROBLEM DESCRIPTION: Log Analyzer for Db2 for z/OS may fail with abend S0C1 in LAL@BLDX module. This may happen only if LOBDATA are included in the processing of DML reprot. SYMPTOMS: Following message appears in a joblog: LAE0032E LAL@BLDX terminated with return/abend code: 0C1 IMPACT: The report is not generated. CIRCUMVENTION: Use LOBDATA (EXCLUDE) instead of LOBDATA (INCLUDE) PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 14813 Copyright (C) 2021 CA. All rights reserved. R01636-D200-SP1 DESC(LAE0032E LAL@BLDX TERMINATED WITH RETURN/ABEND CODE: 0C1). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00597 LU01040 LU01180 LU01385 LU01538 LU01950 LU02062 LU02381 R096583 R099559 S000975 S004245 S004461 S004795 S006718 S007813 S008008 S008802 S008870 S009333 S010677 S011669 S012763 S012797 S012889) SUP (LT00480 LT02816 LU00480 S015531 ST15531)

Service	Details
LU02886	LU02886 M.C.S. ENTRIES = ++PTF (LU02886) ABEND S878 VTAM UI ADDRESS SPACE WHEN PRINTING OUTPUT PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) VTAM User Interface (UI) may terminate with an ABEND S878-10 when repeatedly using the PRINT function to print the output of requests. SYMPTOMS: IEA995I SYMPTOM DUMP OUTPUT 588 SYSTEM COMPLETION CODE=878 REASON CODE=00000010 TIME=11.17.57 SEQ=19442 CPU=4002 ASID=0159 PSW AT TIME OF ERROR 070C1000 811B7420 ILC 2 INTC 0D NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 011B741A - 00181610 0A0D18CE 18FB180C GR 0: 00000000_84000000 1: 00000000_84878000 2: FFFFFFFF_007C3170 3: FFFFFFFF_00000052 4: FFFFFFFF_007C6E88 5: FFFFFFFF_007FF708 6: 00000000_816884F8 7: FFFFFFFF_00EAEB80 8: 00000000_00000000 9: FFFFFFFF_00006D68 A: FFFFFFFF_00000000 B: FFFFFFFF_7FF991D0 C: FFFFFFFF_00004002 D: 00000000_007C3580 E: 00000000_00CB6A5E F: 00000000_00000010 END OF SYMPTOM DUMP IMPACT: The VTAM UI may terminate and need to be restarted. CIRCUMVENTION: Avoid the Print function for request output. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14855 Copyright (C) 2021 CA. All rights reserved. R01645-D200-SP1 DESC(ABEND S878 VTAM UI ADDRESS SPACE WHEN PRINTING OUTPUT) . ++VER (Z038) FMID (CIDBK00) PRE (S004454 S008302) SUP (LT02886) CSECT (NCCPRINC,NCCPRINM) .

Service	Details
LU02945	LU02945 M.C.S. ENTRIES = ++PTF (LU02945) UNLOAD FOR GROUP ICL USES SOURCE SSID IF TARGET IS REMOTE PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the UNLOAD utility control statements generated by the group ICL analysis have the source SSID in the .CALL UTIL UNLOAD PARM(ssid). This causes the target table to lose its original data if the target subsystem is remote. SYMPTOMS: The unloaded data is for the table from the source subsystem. The target table will lose its original data after the execution of the load. IMPACT: The target table will lose its original data and loaded from the source table when the target is remote. CIRCUMVENTION: Edit the script and change the SSID in the .CALL UTIL UNLOAD PARM(ssid) to the target ssid for the remote location and run the group ICL-DDL analysis. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS (RCM) Version 20.0 Related Problem: RCM 14900 Copyright (C) 2021 CA. All rights reserved. R01650-D200-SP1 DESC(UNLOAD FOR GROUP ICL USES SOURCE SSID IF TARGET IS REMOTE). ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 R097704 R099553 S004718 S007379 S008957 S009105 S011691 S011966 S012361 S012933) SUP (LT02945)

Service	Details
LU02979	LU02979 M.C.S. ENTRIES = ++PTF (LU02979) INACCURATE QUIET POINT ANALYSIS PROBLEM DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) Quiet Point Analysis (QPA) report may incorrectly set the quiet point. This may happen when an aborted activity occurs in the measured range. SYMPTOMS: QPA report places a quiet point into an aborted UR. IMPACT: Report output quiet point is calculated inaccurately. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Log Analyzer for DB2 for z/OS Release 20.0 Related Problem: PLA 14561 Copyright (C) 2021 CA. All rights reserved. R01652-D200-SP1 DESC(INACCURATE QUIET POINT ANALYSIS). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00238 LU00672 LU00725 LU00759 LU00882 LU00903 LU00940 LU01040 LU01043 LU01538 LU01869 LU01950 LU01985 LU02062 LU02230 LU02381 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S004795 S006119 S007813 S008802 S009133 S009252 S010677 S011113 S011669 S012487 S012889 S012900 S013009 S013625 S013879 S014137 S014866 S015064) SUP (AS14137 LT02979 S014452 ST14452) ++HOLD (LU02979) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (21278) COMMENT (<pre> +-----+ CA Log Analyzer for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. </pre>

Service	Details
	If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). CSECT(LAA@LGA2,PTIDECF).

Service	Details
LU02985	LU02985 M.C.S. ENTRIES = ++PTF (LU02985) DUMP NOT CAPTURED FOR ABENDS IN HEALTH CHECK PROCESSING PROBLEM DESCRIPTION: When an abend occurs during health check processing in SYSVIEW Performance Management Option for DB2 for z/OS, a dump is not taken. SYMPTOMS: Messages CAHC414E and CAHC416E appear in the job log of the data collector, but no dump is captured. IMPACT: A missing dump limits the ability to determine the cause of the abend. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14771 Copyright (C) 2021 CA. All rights reserved. R01653-D200-SP1 DESC(DUMP NOT CAPTURED FOR ABENDS IN HEALTH CHECK PROCESSING). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 S006862 S010160 S012769) SUP (LT02985)

Service	Details
LU03018	LU03018 M.C.S. ENTRIES = ++PTF (LU03018) HELP PANEL DT670I NOT FOUND PROBLEM DESCRIPTION: CA Detector for Db2 for z/OS (PDT) is missing a help panel for message DT670I. If you receive message DT670I and you press F1 to view the help for this message, an ISPF Panel Not Found error is issued. SYMPTOMS: The following message is issued: ISPP100 Panel "DT670I " error. Panel not found. IMPACT: Extra information on the message is not displayed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14952 Copyright (C) 2021 CA. All rights reserved. R01654-D200-SP1 DESC(HELP PANEL DT670I NOT FOUND). ++VER (Z038) FMID (CPDTK00) SUP (LT03018)

Service	Details
LU03023	LU03023 M.C.S. ENTRIES = ++PTF (LU03023) ARCHIVE UNLOAD JOB SUBMITTED MULTIPLE TIMES PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector may submit multiple unload jobs when the history data set reaches the threshold specified in the SYSPARMS. SYMPTOMS: Multiple archive unload jobs submitted for the same history file. Also, repeated occurrences of the following message may be seen in the job log: DBG21026I DSN 08:13:30 HISTORY: UNLOAD REQUEST POSTPONED. IMPACT: Unnecessary jobs submitted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14797 Copyright (C) 2021 CA. All rights reserved. R01655-D200-SP1 DESC(ARCHIVE UNLOAD JOB SUBMITTED MULTIPLE TIMES). ++VER (Z038) FMID (CIDBK00) PRE (LU00299 LU00881 LU01977 LU02325 LU02800 R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010906 S011465 S011977 S012769 S013891 S014016 S014642 S014843 S014923 S015049 S015254 S015931 S016200) SUP (LT03023 R097683 TR97683) CSECT(NMSPRMVC,NMSPRMVS). CSECT(NUHSTLOM).

Service	Details
LU03032	LU03032 M.C.S. ENTRIES = ++PTF (LU03032) OVERRIDE SMALL STORAGE LIMITS PROBLEM DESCRIPTION: SYMPTOMS: IMPACT: CIRCUMVENTION: PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 14930 Copyright (C) 2021 CA. All rights reserved. R01656-D200-SP1 DESC(OVERRIDE SMALL STORAGE LIMITS). ++VER (Z038) FMID (CPFUK00) PRE (LU00302 LU01350 LU02727 R099558 S000019 S001402 S001818 S004460 S006118 S006867 S007812 S008860 S011108 S011997 S012151 S013151 S013707 S014984 S015236 S016195) SUP (LT02822 LT03032 ST13123 ST15158) ++IF FMID(CPUTK00) REQ(LU03033) .

Service	Details
LU03033	LU03033 M.C.S. ENTRIES = ++PTF (LU03033) OVERRIDE SMALL STORAGE LIMITS PROBLEM DESCRIPTION: SYMPTOMS: IMPACT: CIRCUMVENTION: PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 14930 Copyright (C) 2021 CA. All rights reserved. R01656-D200-SP1 DESC(OVERRIDE SMALL STORAGE LIMITS). ++VER (Z038) FMID (CPUTK00) PRE (R096590 S000024 S005016 S006127 S007894 S009253 S011110 S011238 S011848 S011849 S012717 S013153 S013767 S014502 S016090) SUP (LT03033) ++IF FMID(CPFUK00) REQ(LU03032) . ++HOLD (LU03033) SYSTEM FMID(CPUTK00) REASON (MSGSKEL) DATE (21280) 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. Refer to the Post Installation and Customization Guide for details.).</pre>

Service	Details																
LU03034	LU03034 M.C.S. ENTRIES = ++PTF (LU03034) OBJECTS IN STOPP NOT STARTED AFTER SUCCESSFUL REORG PROBLEM DESCRIPTION: CA Rapid Reorg for DB2 for z/OS (PRR) does not honor the STARTUP-ACCESS keyword for objects that were in Stop Pending (STOPP) status at the start of the reorganization. SYMPTOMS: The PRR job completes without an error, but some objects are in stopped status and the following messages are issued: PTIMSG- PUT0028W LOCKS / CLAIMS prevent acquisition of control for utility processing. Waiting for LOCKS / CLAIMS to be released. PTIIMSG- DSNT319I =DCP2 DSNTDMST START DATABASE PROCESSING SKIPPED AT LEAST ONE UNAVAILABLE OBJECT IMPACT: Impacted objects will be left stopped after reorganization. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Rapid Reorg for DB2 for z/OS Version 20.0 Related Problem: PRR 14612 Copyright (C) 2021 CA. All rights reserved. R01657-D200-SP1 DESC(OBJECTS IN STOPP NOT STARTED AFTER SUCCESSFUL REORG). ++VER (Z038) FMID (CPRRK00) PRE (LU00303 LU01351 R096588 R097715 R098968 S000023 S000846 S001658 S006125 S006582 S006609 S007818 S009026 S009089 S009599 S009905 S011080 S011109 S011200 S011237 S011998 S012109 S012152 S012277 S012528 S012716 S013152 S013176 S013204 S013339 S013635 S013708 S014640 S015124 S015237 S015313) SUP (LT02823 LT02968 LT03034 S015585 ST11058 ST15159 ST15282 ST15289 ST15585) ++HOLD (LU03034) SYSTEM FMID(CPRRK00) REASON (MSGSKEL) DATE (21279) COMMENT (<table border="1"> <tr> <td>CA Rapid Reorg for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Relink XMESSAGES</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All CA DB2 Tools Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>CA DB2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> </table>	CA Rapid Reorg for DB2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Relink XMESSAGES	USERS		AFFECTED	All CA DB2 Tools Users	KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization.	ACCESS	1. CA DB2 Tools Post Install
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ACCESS	1. CA DB2 Tools Post Install																

Service	Details
	<pre> 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
LU03035	LU03035 M.C.S. ENTRIES = ++PTF (LU03035) RUNSTATS MODELS MISSING RNPRIN01 DD STATEMENT PROBLEM DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) fails when running RUNSTATS with models MJUTLRS and MJUTLRSS. SYMPTOMS: The RUNSTATS job fails and the following message is issued: DSNU047I - A REQUIRED DD CARD OR TEMPLATE IS MISSING. NAME=RNPRIN01 IMPACT: Job fails with highest Return Code = 8. CIRCUMVENTION: Add missing RNPRIN01 DD to MJUTLRS and MJUTLRSS models. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 14805 Copyright (C) 2021 CA. All rights reserved. R01658-D200-SP1 DESC(RUNSTATS MODELS MISSING RNPRIN01 DD STATEMENT). ++VER (Z038) FMID (CPDAK00) PRE (R096579 S001399) SUP (LT03035)

Service	Details
LU03073	LU03073 M.C.S. ENTRIES = ++PTF (LU03073) MISSING PAGES IN PQC INCREMENTAL IMAGE COPY PROBLEM DESCRIPTION: When CA Quick Copy for Db2 for z/OS (PQC) takes an incremental image copy for a segmented tablespace composed of more than one VSAM data set, the copy may be missing some pages. SYMPTOMS: The incremental image copy is missing pages. IMPACT: Incremental image copies with missing pages may affect the recoverability of the segmented tablespace. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Quick Copy for DB2 for z/OS Version 20.0 Related Problem: PQC 13959 Copyright (C) 2021 CA. All rights reserved. R01661-D200-SP1 DESC(MISSING PAGES IN PQC INCREMENTAL IMAGE COPY). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU01936 LU02529 LU02762 R099574 S000029 S000201 S001660 S004475 S005018 S006069 S006132 S006879 S007826 S008668 S009132 S009903 S011239 S015308 S015487 S015609 S016181) SUP (LT01893 LT02307 LT03073 LU01893 LU02307)

Service	Details
LU03091	LU03091 M.C.S. ENTRIES = ++PTF (LU03091) NEW FIELD IN QWSA AND RELATED REPORT UPDATES ENHANCEMENT DESCRIPTION: A new field named CPU-IO-INTERRUPT was added to SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) to records STATS1 and CURR-STATS1 (IFCID 1 and 1001). It specifies the CPU time spent in I/O interrupt processing and is available for each DB2 address space in the STATS record. The following reports were updated: DSQHIST, DSQSTATS, BTSTASM1, BTSTATR1, HSCPU, HSUCPU. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14532 Copyright (C) 2021 CA. All rights reserved. R01663-D200-SP1 DESC(NEW FIELD IN QWSA AND RELATED REPORT UPDATES) . ++VER (Z038) FMID (CIDBK00) PRE (LU00282 LU00545 LU00697 LU01030 LU01100 LU01175 LU01977 LU02033 LU02303 LU02340 LU02428 LU02634 LU02646 LU02708 R096575 R097703 R099552 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S010160 S010405 S010739 S010906 S011465 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014754 S015049 S015070 S015254 S015647 S016270 S016300) SUP (LT02439 LT03091 LU02439 S015913 ST15913) CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) . CSECT (IFCIDSCS) . CSECT (NDDELTA,NDDELTA) . CSECT (NDFMTSEC,NDFMTSEM) . CSECT (NGR1001C,NGR1001) . CSECT (NGR1001C,NGR1001) . CSECT (NGR1001C,NGR1001) . CSECT (NPLEXDAT,NPLEXSYM,SYMTBLE) .

Service	Details																								
LU03093	LU03093 M.C.S. ENTRIES = ++PTF (LU03093) UNDERREPORTED STATS WITH CPU PARALLELISM PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may underreport DB2 resource usage when CPU parallelism is in use. SYMPTOMS: Some statistics may be underreported. IMPACT: The displayed statistics are unreliable when CPU parallelism is in use. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14999 Copyright (C) 2021 CA. All rights reserved. R01664-D200-SP1 DESC (UNDERREPORTED STATS WITH CPU PARALLELISM) . ++VER (Z038) FMID (CPDTK00) PRE (LU00402 LU00549 LU01002 LU01542 LU02554 LU02944 R096168 R096580 R097707 R098429 R099556 S000263 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S007988 S008129 S008323 S008789 S009065 S010018 S010538 S010908 S011694 S011983 S012538 S012921 S013889 S014338) SUP (AL01542 AL02554 AS06334 AS08129 AS13450 AS16113 CL01542 LT00240 LT00307 LT00329 LT00684 LT01214 LT01215 LT01393 LT01467 LT01903 LT01933 LT01956 LT02217 LT02220 LT02290 LT02706 LT02796 LT03093 LU00240 LU00329 LU00684 LU01215 LU01393 LU01467 LU01933 LU02220 LU02290 LU02706 LU02796 R099946 S000423 S006838 S008446 S009828 S010492 S010652 S013450 S013655 S014680 S015843 S015927 S016113 ST00423 ST06838 ST07988 ST08446 ST09828 ST10492 ST10652 ST13450 ST13655 ST14680 ST15843 ST15927 ST16113 TR99946) ++HOLD (LU03093) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21286) COMMENT (<table> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>CA Detector for DB2 for z/OS Version 20.0 </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>SEQUENCE Before Apply </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>PURPOSE Avoidance of module mismatch related errors in an Xmanager </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>USERS Collections of DB2 statistics via Detector or Subsystem </td></tr> <tr> <td> </td><td>AFFECTED Analyzer. </td></tr> <tr> <td> </td><td> DB2 subsystems that have active collections. </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>KNOWLEDGE 1. SMP/E </td></tr> </table>	+	-----+		CA Detector for DB2 for z/OS Version 20.0	+	-----+		SEQUENCE Before Apply	+	-----+		PURPOSE Avoidance of module mismatch related errors in an Xmanager	+	-----+		USERS Collections of DB2 statistics via Detector or Subsystem		AFFECTED Analyzer.		DB2 subsystems that have active collections.	+	-----+		KNOWLEDGE 1. SMP/E
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	DB2 subsystems that have active collections.																								
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	KNOWLEDGE 1. SMP/E																								

Service	Details
	<pre> 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
LU03101	LU03101 M.C.S. ENTRIES = ++PTF (LU03101) BIND ANALYZER MAY FAIL TO RECOGNIZE SUPPORTED HOST LANGUAGE PROBLEM DESCRIPTION: The precompiler function of CA Bind Analyzer for DB2 for z/OS (PBA) may incorrectly issue error message PBA005E during processing for a supported host language with SQL. This error occurs during precompilation of a source that contains SQL that hasn't changed with respect to the previous precompiled DBRM. As a result, users have to bind the SQL to avoid SQL -805 error. SYMPTOMS: Executing PBA precompiler program PBLHPC may result in the following messages: PBA005E HOST LANGUAGE NOT SUPPORTED. PBA015I BIND IS REQUIRED FOR DBRM - IDB20BI IMPACT: Source programs with SQL that hasn't changed between precompiles may receive PBA005E error. This error causes unnecessary BIND activity for unchanged SQL in the source builds using the PBA precompiler. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Bind Analyzer for DB2 for z/OS Version 20.0 Related Problem: PBA 15007 Copyright (C) 2021 CA. All rights reserved. R01666-D200-SP1 DESC(BIND ANALYZER MAY FAIL TO RECOGNIZE SUPPORTED HOST LANGUAGE) . ++VER (Z038) FMID (CPBAK00) PRE (LU00645 R096578 S009786 S010277 S011767) SUP (LT03101) CSECT(PBA\$HPCI,PBC\$HPCI) .

Service	Details
LU03116	LU03116 M.C.S. ENTRIES = ++PTF (LU03116) POSSIBLE ABEND SOC4 WHEN PROCESSING OR DISPLAYING EXCEPTIONS PROBLEM DESCRIPTION: CA Subsystem Analyzer for DB2 for z/OS (PSA) may produce an ABEND SOC4 while processing database exceptions or displaying the list of opened datasets on a DB2 12 subsystem. SYMPTOMS: A SOC4 dump in PSAPDBCx will be produced. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 14951 Copyright (C) 2021 CA. All rights reserved. R01668-D200-SP1 DESC(POSSIBLE ABEND SOC4 WHEN PROCESSING OR DISPLAYING EXCEPTIONS). ++VER (Z038) FMID (CPSAK00) PRE (S008393 S012539 S012926) SUP (LT03116) ++HOLD (LU03116) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (21286) 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! </pre>

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

Service	Details
LU03142	LU03142 M.C.S. ENTRIES = ++PTF (LU03142) ALTER TABLE DDL TO DROP COLUMN IS NOT GENERATED BY RECOVERY PROBLEM DESCRIPTION: When using CA RC/Migrator for DB2 for z/OS (RCM) to add a new column at the end of a table, the recovery script generated from the analysis execution has DDL to DROP and CREATE the table. For a table in a partitioned tablespace a DROP and CREATE TABLESPACE would be generated in the the recovery script. This is due to the recovery analysis not adding 'ALTER TABLE .. DROP COLUMN..' DDL as an input to .CALL SNAPSHOT. SYMPTOM: The alter table DDL to drop the column will be missing from the input to .CALL SNAPSHOT. When executing the analysis output, the generated recovery script will include DDL to drop/create the table. IMPACT: The table will be dropped and created in order to recover to its original status. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS (RCM) Version 20.0 Related Problem: RCM 14935 Copyright (C) 2021 CA. All rights reserved. R01669-D200-SP1 DESC(ALTER TABLE DDL TO DROP COLUMN IS NOT GENERATED BY RECOVERY). ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 R096576 R097704 R099553 S001396 S004455 S004718 S006113 S006638 S006863 S007379 S008957 S009105 S010974 S011691 S011866 S011966 S012361 S012650 S012933 S013154 S014832 S015804) SUP (LT03142 S009790 S010437 S010815 ST09790 ST10437 ST10815)

Service	Details
LU03146	LU03146 M.C.S. ENTRIES = ++PTF (LU03146) MULTIPLE HISTORY UNLOAD JOBS SUBMITTED WHEN THRESHOLD MET. PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) will submit multiple unload jobs if the first unload job takes a long time to complete. SYMPTOMS: Many occurrences of the following message: DBG21026I D12A 07:54:36 HISTORY: UNLOAD REQUEST POSTPONED DBG21026I D12A 07:54:37 HISTORY: UNLOAD REQUEST POSTPONED DBG21026I D12A 07:54:37 HISTORY: UNLOAD REQUEST POSTPONED DBG21026I D12A 07:54:37 HISTORY: UNLOAD REQUEST POSTPONED DBG21026I D12A 07:54:38 HISTORY: UNLOAD REQUEST POSTPONED DBG21026I D12A 07:54:38 HISTORY: UNLOAD REQUEST POSTPONED DBG21026I D12A 07:54:39 HISTORY: UNLOAD REQUEST POSTPONED IMPACT: History is unloaded too often, and the unloaded files are quite small. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 15054 Copyright (C) 2021 CA. All rights reserved. R01670-D200-SP1 DESC(MULTIPLE HISTORY UNLOAD JOBS SUBMITTED WHEN THRESHOLD MET.). ++VER (Z038) FMID (CIDBK00) PRE (LU00299 LU00881 LU01977 LU02325 LU02800 LU03023 R096575 R097703 R099552 S001395 S004454 S006112 S010160 S011977 S013891 S014016 S014642 S014843 S014923 S015049 S015254 S015931 S016200) SUP (AS16200 LT03146 R097683 TR97683) CSECT (NUHSTL0M) .

Service	Details
LU03152	LU03152 M.C.S. ENTRIES = ++PTF (LU03152) REMOVAL OF DEPRECATED CUSTOMIZATION FROM POST-INSTALL PANELS PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) product-specific Db2 task (id 1150) generated through DBM Post-Install tailoring has been updated. A deprecated step RASPD13 has been removed, because it caused the generated job to fail with a JCL error. SYMPTOMS: The job will fail with JCL error IEFC023I SYSIN OVERRIDE ERROR at line //RASPD13.SYSIN DD * IMPACT: Customisation job cannot be executed. CIRCUMVENTION: Remove step RASPD13 from the generated customization JCL prior to job submission. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 15015 Copyright (C) 2021 CA. All rights reserved. R01671-D200-SP1 DESC(REMOVAL OF DEPRECATED CUSTOMIZATION FROM POST-INSTALL PANELS). ++VER (Z038) FMID (CPDAK00) PRE (R096162 S014175) SUP (LT03152)

Service	Details
LU03162	LU03162 M.C.S. ENTRIES = ++PTF (LU03162) THE OBI008E ERROR MESSAGE COULD SHOW WRONG REASON CODE PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) OBID Translation Utility (IDB2OBI) could show the wrong reason code in the OBI008E error message. SYMPTOMS: The following message with the wrong reason code (00000008) could appear in the SYSOUT output: OBI008E CAF Connect failed 8(00000008) IMPACT: You are not able to identify the proper root cause of a problem. CIRCUMVENTION: Use "//DSNTRACE DD SYSOUT=*" JCL statement in the IDOBLOAD job to see the proper DB2 error message such as this: DSNA831E DSNACA70 TCB=007B9E88 RELEASE LEVELS NOT COMPATIBLE. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14938 Copyright (C) 2021 CA. All rights reserved. R01673-D200-SP1 DESC(THE OBI008E ERROR MESSAGE COULD SHOW WRONG REASON CODE). ++VER (Z038) FMID (CIDBK00) SUP (LT03056 LT03162)

Service	Details
LU03186	LU03186 M.C.S. ENTRIES = ++PTF (LU03186) RECOVER PREVIEW SIMULATE ON CATALOG OR DIRECTORY CALLS IBM PROBLEM DESCRIPTION: In Fast Recover for Db2 for z/OS (PFR), using RECOVER PREVIEW SIMULATE on catalog or directory objects calls IBM to recover the objects instead of simulating their recovery or interrupting processing. SYMPTOMS: The catalog or directory objects are recovered. IMPACT: An unintentional recovery is performed. CIRCUMVENTION: NONE PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 15009 Copyright (C) 2021 CA. All rights reserved. R01675-D200-SP1 DESC(RECOVER PREVIEW SIMULATE ON CATALOG OR DIRECTORY CALLS IBM). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00728 LU01292 R096595 R099574 S000029 S000788 S001660 S004251 S006132 S006879 S007826 S007905 S008280 S008833 S009742 S009748 S010165 S010818 S012155 S013130 S013206 S013686) SUP (DC06071 LT03186) ++HOLD (LU03186) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (21300) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. </pre>

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

Service	Details
LU03187	LU03187 M.C.S. ENTRIES = ++PTF (LU03187) PUT2101E WITH PFL RETURN CODE 0 PROBLEM DESCRIPTION: Fast Load for Db2 for z/OS (PFL) issues the PUT2101E error message and ends with return code 0. SYMPTOMS: - PUT2101E error message. - PFL ends with return code 0. IMPACT: PFL ends with return code 0 despite the PUT2101E message. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 15075 Copyright (C) 2021 CA. All rights reserved. R01676-D200-SP1 DESC(PUT2101E WITH PFL RETURN CODE 0). ++VER (Z038) FMID (CPUTK00) PRE (LU00194 LU00727 S000024 S011999 S012153 S013205 S015486 S016090) SUP (LT03168 LT03187)

Service	Details
LU03190	LU03190 M.C.S. ENTRIES = ++PTF (LU03190) DFSORT AUTONOMIC OPTIMIZATION ENHANCEMENT DESCRIPTION: Fast Load for DB2 for z/OS (PFL) has been enhanced to optimize DFSORT executions based on the availability of internal storage. Previously, PFL did not autonomically calculate internal storage profiles for DFSORT. This enhancement provides an autonomic capability to DFSORT executions. The DFSORT optimization is controlled by specifying SORT-OPTIMIZE {YES NO} in the SYSIN DD statement, or SORT-OPTIMIZE ({YES NO}) in hlq.CDBAPARM(UTIL). The default is SORT-OPTIMIZE YES. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 14338 Copyright (C) 2021 CA. All rights reserved. R01677-D200-SP1 DESC(DFSORT AUTONOMIC OPTIMIZATION). ++VER (Z038) FMID (CINSK00) PRE (LU00135 LU00438 LU00839 LU01526 LU02472 R097704 R099553 S000016 S001396 S004455 S005011 S006113 S006608 S007379 S007807 S008313 S009860 S010004 S010162 S010173 S011078 S011234 S011684 S012904 S013484 S015980) SUP (LT03106 LT03190) ++IF FMID(CPFLK00) REQ(LU03191) . ++IF FMID(CPUTK00) REQ(LU03192) . ++HOLD (LU03190) SYSTEM FMID(CINSK00) REASON (ACTION) DATE (21295) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Review JCL for DFSORT parameters +-----+ USERS All users AFFECTED +-----+ KNOWLEDGE Load REQUIRED +-----+ ACCESS None REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** Fast Load for Db2 for z/OS (PFL) has been enhanced to optimize DFSORT executions based on the availability of internal storage. Previously, PFL did not autonomically calculate internal storage profiles for DFSORT. This enhancement provides an autonomic capability to DFSORT </pre>

Service	Details
	executions. The DFSORT optimization is controlled by specifying SORT-OPTIMIZE {YES NO} in the SYSIN DD statement, or SORT-OPTIMIZE ({YES NO}) in hlq.CDBAPARM(UTIL). The default is SORT-OPTIMIZE YES. If you do not wish for this optimization to occur, specify SORT-OPTIMIZE NO in hlq.CDBAPARM(UTIL) or your SYSIN DD statements. SORT-OPTIMIZE YES overrides the following DFSORT parameters: MAINSIZE, SIZE, NOMOWRK, MOSIZE, HIPRMAX, DSPSIZE.). ++HOLD (LU03190) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (21295) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). CSECT(PTA@MMER,#@XFCALR). </pre>

Service	Details																								
LU03191	LU03191 M.C.S. ENTRIES = ++PTF (LU03191) DFSORT AUTONOMIC OPTIMIZATION ENHANCEMENT DESCRIPTION: Fast Load for DB2 for z/OS (PFL) has been enhanced to optimize DFSORT executions based on the availability of internal storage. Previously, PFL did not autonomically calculate internal storage profiles for DFSORT. This enhancement provides an autonomic capability to DFSORT executions. The DFSORT optimization is controlled by specifying SORT-OPTIMIZE {YES NO} in the SYSIN DD statement, or SORT-OPTIMIZE ({YES NO}) in hlq.CDBAPARM(UTIL). The default is SORT-OPTIMIZE YES. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 14338 Copyright (C) 2021 CA. All rights reserved. R01677-D200-SP1 DESC(DFSORT AUTONOMIC OPTIMIZATION). ++VER (Z038) FMID (CPFLK00) PRE (LU00136 LU00178 LU00301 LU00436 LU00724 LU01349 LU01379 LU01720 LU02243 R096581 R097708 R099557 S000018 S000081 S000704 S001401 S001656 S003861 S004275 S004459 S004857 S005012 S005502 S006117 S006866 S007170 S007811 S008071 S008378 S008407 S008428 S009024 S009900 S009977 S010195 S010752 S011107 S011235 S011431 S011601 S011846 S011946 S011996 S012107 S012128 S012150 S012275 S012526 S012984 S013066 S013097 S013150 S013175 S013203 S013706 S013765 S014031 S014772 S015015 S015235 S015312 S015484 S015738 S015938 S016089) SUP (AS09180 AS13203 AS14433 AS14772 LT02258 LT02485 LT02821 LT03038 LT03107 LT03191 LU02258 LU02485 S009180 S009378 S011325 S014025 S014433 S014694 S015771 S016246 ST05071 ST09180 ST09378 ST11056 ST11325 ST13122 ST14018 ST14025 ST14433 ST14694 ST15157 ST15281 ST15288 ST15771 ST16246 TR99436) ++IF FMID(CPUTK00) REQ(LU03192) . ++IF FMID(CINSK00) REQ(LU03190) . ++HOLD (LU03191) SYSTEM FMID(CPFLK00) REASON (ACTION) DATE (21295) COMMENT (<table> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>CA Fast Load for DB2 for z/OS Version 20.0 </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>SEQUENCE Before Apply </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>PURPOSE Review JCL for DFSORT parameters </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>USERS All users </td></tr> <tr> <td> </td><td>AFFECTED </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>KNOWLEDGE Load </td></tr> <tr> <td> </td><td>REQUIRED </td></tr> </table>	+	-----+		CA Fast Load for DB2 for z/OS Version 20.0	+	-----+		SEQUENCE Before Apply	+	-----+		PURPOSE Review JCL for DFSORT parameters	+	-----+		USERS All users		AFFECTED	+	-----+		KNOWLEDGE Load		REQUIRED
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	KNOWLEDGE Load																								
	REQUIRED																								

Service	Details
	<pre> +-----+-----+ ACCESS None REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** Fast Load for Db2 for z/OS (PFL) has been enhanced to optimize DFSORT executions based on the availability of internal storage. Previously, PFL did not autonomically calculate internal storage profiles for DFSORT. This enhancement provides an autonomic capability to DFSORT executions. The DFSORT optimization is controlled by specifying SORT-OPTIMIZE {YES NO} in the SYSIN DD statement, or SORT-OPTIMIZE ({YES NO}) in hlq.CDBAPARM(UTIL). The default is SORT-OPTIMIZE YES. If you do not wish for this optimization to occur, specify SORT-OPTIMIZE NO in hlq.CDBAPARM(UTIL) or your SYSIN DD statements. SORT-OPTIMIZE YES overrides the following DFSORT parameters: MAINSIZE, SIZE, NOMOWRK, MOSIZE, HIPRMAX, DSPSIZE.). ++HOLD (LU03191) SYSTEM FMID(CPFLK00) REASON (MSGSKEL) DATE (21295) COMMENT (+-----+-----+ CA Fast Load for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. 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
LU03192	LU03192 M.C.S. ENTRIES = ++PTF (LU03192) DFSORT AUTONOMIC OPTIMIZATION ENHANCEMENT DESCRIPTION: Fast Load for DB2 for z/OS (PFL) has been enhanced to optimize DFSORT executions based on the availability of internal storage. Previously, PFL did not autonomically calculate internal storage profiles for DFSORT. This enhancement provides an autonomic capability to DFSORT executions. The DFSORT optimization is controlled by specifying SORT-OPTIMIZE {YES NO} in the SYSIN DD statement, or SORT-OPTIMIZE ({YES NO}) in hlq.CDBAPARM(UTIL). The default is SORT-OPTIMIZE YES. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 14338 Copyright (C) 2021 CA. All rights reserved. R01677-D200-SP1 DESC(DFSORT AUTONOMIC OPTIMIZATION). ++VER (Z038) FMID (CPUTK00) PRE (LU00140 LU00194 LU00248 LU00727 LU02728 LU03033 R096590 R097717 R098969 S000024 S001659 S004469 S005016 S006068 S006127 S006874 S007820 S007894 S008072 S008380 S008429 S008586 S009253 S009978 S010196 S011110 S011238 S011521 S011848 S011849 S011999 S012153 S012278 S012529 S012717 S013098 S013153 S013205 S013767 S014428 S014502 S014567 S014773 S015486 S015710 S015740 S015939 S016090) SUP (LT03108 LT03168 LT03187 LT03192 LU03187 S015652 ST08364 ST11778 ST15652) ++IF FMID(CPFLK00) REQ(LU03191) . ++IF FMID(CINSK00) REQ(LU03190) . ++HOLD (LU03192) SYSTEM FMID(CPUTK00) REASON (ACTION) DATE (21295) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Utilities Common Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Review JCL for DFSORT parameters +-----+-----+ USERS All users AFFECTED +-----+-----+ KNOWLEDGE Load REQUIRED +-----+-----+ ACCESS None REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * </pre>

Service	Details
	***** Fast Load for Db2 for z/OS (PFL) has been enhanced to optimize DFSORT executions based on the availability of internal storage. Previously, PFL did not autonomically calculate internal storage profiles for DFSORT. This enhancement provides an autonomic capability to DFSORT executions. The DFSORT optimization is controlled by specifying SORT-OPTIMIZE {YES NO} in the SYSIN DD statement, or SORT-OPTIMIZE ({YES NO}) in hlq.CDBAPARM(UTIL). The default is SORT-OPTIMIZE YES. If you do not wish for this optimization to occur, specify SORT-OPTIMIZE NO in hlq.CDBAPARM(UTIL) or your SYSIN DD statements. SORT-OPTIMIZE YES overrides the following DFSORT parameters: MAINSIZE, SIZE, NOMOWRK, MOSIZE, HIPRMAX, DSPSIZE.). ++HOLD (LU03192) SYSTEM FMID(CPUTK00) REASON (MSGSKEL) DATE (21295) 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. Refer to the Post Installation and Customization Guide for details.). CSECT(UTAGLIXA,#@XFCALR). </pre>

Service	Details
LU03195	LU03195 M.C.S. ENTRIES = ++PTF (LU03195) NEW WARNING WTO MESSAGE DBG98010W PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) reports allocation of its internal buffers for collection of extended SYSVDB2 accounting information (IFCIDs 151/1034) only in the DBGPRINT output. A new warning WTO message has been introduced to notify when a 50%, 75%, and 100% threshold for maximum buffer size allocation is reached. DBG98010W SYSVDB2 Thread History Detail buffer expansion has reached nnn percent. SYMPTOMS: No information in the Data Collector JES job log about significant growth of the internal SYSVDB2 accounting buffer. IMPACT: No automation can be implemented to monitor expansion of the SYSVDB2 Thread History Detail buffer allocation. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 15012 Copyright (C) 2021 CA. All rights reserved. R01678-D200-SP1 DESC(NEW WARNING WTO MESSAGE DBG98010W). ++VER (Z038) FMID (CIDBK00) PRE (LU00253 LU00299 LU00881 LU01041 LU01164 LU01977 LU02096 LU02118 LU02325 LU02642 LU02800 LU02829 LU03023 R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008279 S008846 S009556 S010160 S011616 S011977 S012769 S013891 S014016 S014164 S014389 S014642 S014843 S014923 S015049 S015254 S015931 S016116 S016200) SUP (AS16200 LT02606 LT03146 LT03195 LU03146 R097683 TR97683) CSECT (NUHSTLOM) .

Service	Details
LU03209	LU03209 M.C.S. ENTRIES = ++PTF (LU03209) ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure and architectural updates to support future Db2 upgrades. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 14208 Copyright (C) 2021 CA. All rights reserved. R01680-D200-SP1 DESC (ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES). ++VER (Z038) FMID (CINSK00) PRE (LU00847 LU01526 LU01978 LU02279 R099553 S001665 S004455 S006638 S006863 S007807 S009205 S009860 S010323 S011333 S012851 S013340 S013711) SUP (LT02116 LT02820 LT03037 LT03209 LU02116) ++IF FMID(COFSK00) REQ(LU02280) . ++IF FMID(CPFLK00) REQ(LU03210) . ++IF FMID(CPFUK00) REQ(LU03211) . ++IF FMID(CPRRK00) REQ(LU03212) . ++IF FMID(CPUTK00) REQ(LU03213) . ++IF FMID(CUGRK00) REQ(LU03214) . ++HOLD (LU03209) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (21298) 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 * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must </pre>

Service	Details
	be performed on the plans and packages for all installed products. IMPORTANT! If CA SYSVIEW for DB2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors. <pre> +-----+ 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
LU03210	LU03210 M.C.S. ENTRIES = ++PTF (LU03210) ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure and architectural updates to support future Db2 upgrades. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 14208 Copyright (C) 2021 CA. All rights reserved. R01680-D200-SP1 DESC (ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES). ++VER (Z038) FMID (CPFLK00) PRE (LU00301 LU01349 LU02243 LU03191 S000018 S001656 S006117 S008071 S009024 S011107 S011996 S012107 S012150 S012275 S012526 S013150 S013706 S014031 S015235 S015484) SUP (LT02821 LT03038 LT03210 ST11056 ST13122 ST15157) ++IF FMID(COFSK00) REQ(LU02280) . ++IF FMID(CPFUK00) REQ(LU03211) . ++IF FMID(CPRRK00) REQ(LU03212) . ++IF FMID(CPUTK00) REQ(LU03213) . ++IF FMID(CUGRK00) REQ(LU03214) . ++IF FMID(CINSK00) REQ(LU02279 LU03209) .

Service	Details
LU03211	LU03211 M.C.S. ENTRIES = ++PTF (LU03211) ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure and architectural updates to support future Db2 upgrades. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 14208 Copyright (C) 2021 CA. All rights reserved. R01680-D200-SP1 DESC (ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES). ++VER (Z038) FMID (CPFUK00) PRE (LU00302 LU01350 LU02727 LU03032 R099558 S000019 S001402 S001818 S004460 S006118 S006867 S007812 S008860 S011108 S011997 S012151 S013151 S013707 S014984 S015236 S016195) SUP (LT02822 LT03039 LT03211 ST13123 ST15158) ++IF FMID(COFSK00) REQ(LU02280) . ++IF FMID(CPFLK00) REQ(LU03210) . ++IF FMID(CPRRK00) REQ(LU03212) . ++IF FMID(CPUTK00) REQ(LU03213) . ++IF FMID(CUGRK00) REQ(LU03214) . ++IF FMID(CINSK00) REQ(LU02279 LU03209) .

Service	Details
LU03212	LU03212 M.C.S. ENTRIES = ++PTF (LU03212) ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure and architectural updates to support future Db2 upgrades. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 14208 Copyright (C) 2021 CA. All rights reserved. R01680-D200-SP1 DESC (ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES). ++VER (Z038) FMID (CPRRK00) PRE (LU00303 LU01351 LU03034 R096588 R097715 R098968 S000023 S001658 S006125 S006582 S006609 S007818 S009026 S009089 S009599 S009905 S011080 S011109 S011200 S011237 S011998 S012109 S012152 S012277 S012528 S012716 S013152 S013204 S013635 S013708 S014640 S015237 S015313) SUP (LT02823 LT03040 LT03212 S015585 ST11058 ST15159 ST15282 ST15289 ST15585) ++IF FMID(COFSK00) REQ(LU02280) . ++IF FMID(CPFLK00) REQ(LU03210) . ++IF FMID(CPFUK00) REQ(LU03211) . ++IF FMID(CPUTK00) REQ(LU03213) . ++IF FMID(CUGRK00) REQ(LU03214) . ++IF FMID(CINSK00) REQ(LU02279 LU03209) .

Service	Details
LU03213	LU03213 M.C.S. ENTRIES = ++PTF (LU03213) ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure and architectural updates to support future Db2 upgrades. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 14208 Copyright (C) 2021 CA. All rights reserved. R01680-D200-SP1 DESC (ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES) . ++VER (Z038) FMID (CPUTK00) PRE (LU00304 LU00727 LU01352 R098969 S000024 S006127 S011110 S011604 S011999 S012153 S013153 S013205 S013709 S015238 S015486) SUP (LT02824 LT03041 LT03213 ST15160) ++IF FMID(COFSK00) REQ(LU02280) . ++IF FMID(CPFLK00) REQ(LU03210) . ++IF FMID(CPFUK00) REQ(LU03211) . ++IF FMID(CPRRK00) REQ(LU03212) . ++IF FMID(CUGRK00) REQ(LU03214) . ++IF FMID(CINSK00) REQ(LU02279 LU03209) .

Service	Details
LU03214	LU03214 M.C.S. ENTRIES = ++PTF (LU03214) ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure and architectural updates to support future Db2 upgrades. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 14208 Copyright (C) 2021 CA. All rights reserved. R01680-D200-SP1 DESC (ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00275 LU00728 LU01717 S008833 S010165 S012352 S012902 S013206 S014483) SUP (LT01127 LT01534 LT03042 LT03214 LU01127 LU01534) ++IF FMID(COFSK00) REQ(LU02280) . ++IF FMID(CPFLK00) REQ(LU03210) . ++IF FMID(CPFUK00) REQ(LU03211) . ++IF FMID(CPRRK00) REQ(LU03212) . ++IF FMID(CPUTK00) REQ(LU03213) . ++IF FMID(CINSK00) REQ(LU02279 LU03209) .

Service	Details
LU03220	LU03220 M.C.S. ENTRIES = ++PTF (LU03220) PLAN LIST DISPLAYS INCORRECT REPORT OPTIONS PROBLEM DESCRIPTION: In RC/Query for DB2 for z/OS (RCQ), plan object reports show obsolete report options. SYMPTOMS: Plan reports have the following incorrect options: DR=DBRM Detail ST=Statement IMPACT: Incorrect report options may mislead the user. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 15086 Copyright (C) 2021 CA. All rights reserved. R01681-D200-SP1 DESC (PLAN LIST DISPLAYS INCORRECT REPORT OPTIONS) . ++VER (Z038) FMID (CRCQK00) PRE (LU01706 LU02030 LU02665 R096593 R099569 S001414 S004471 S006128 S006875 S007822 S008232 S010163 S015697) SUP (LT03220) CSECT (RQALINE,RQALIN2) .

Service	Details
LU03221	LU03221 M.C.S. ENTRIES = ++PTF (LU03221) GROUP ICL ANALYSIS USES WRONG DB2 VERSION WHEN TARGET REMOTE PROBLEM DESCRIPTION: In RC/Migrator for DB2 for z/OS (RCM), the group ICL analysis uses the wrong DB2 version if the target subsystem specified in the 'RC/M ICL to DDL Group Analysis' panel is REMOTE. This causes the analysis to generate the REORG utility for DB2 V10 when the remote target subsystem is DB2 V11 or later. SYMPTOMS: When the target subsystem is DB2 V12, The REORG utility control statements generated are for DB2 V10. IMPACT: The execution of the REORG utility is for DB2 V10. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS (RCM) Version 20.0 Related Problem: RCM 15093 Copyright (C) 2021 CA. All rights reserved. R01682-D200-SP1 DESC (GROUP ICL ANALYSIS USES WRONG DB2 VERSION WHEN TARGET REMOTE). ++VER (Z038) FMID (CINSK00) PRE (S004718 S012933) SUP (LT03221)

Service	Details
LU03228	LU03228 M.C.S. ENTRIES = ++PTF (LU03228) DB2 COMMANDS REPORT OUTPUT IN CSV FORMAT ENHANCEMENT DESCRIPTION: The Db2 Commands Activity Report in Log Analyzer for Db2 for z/OS can be generated in comma separated value (CSV) format. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Release 20.0 Related Problem: PLA 14438 Copyright (C) 2021 CA. All rights reserved. R01683-D200-SP1 DESC (DB2 COMMANDS REPORT OUTPUT IN CSV FORMAT) . ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00597 LU00759 LU00882 LU00940 LU01040 LU01538 LU01985 LU02230 LU02979 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S007813 S008008 S008802 S008870 S009133 S009252 S009333 S010390 S010641 S010677 S011113 S011583 S011669 S012763 S012797 S012889 S012900 S013625 S014137 S014866 S015064 S015456) SUP (AS14137 LT01415 LT03228 LU01415 S014452 ST14452)

Service	Details
LU03231	LU03231 M.C.S. ENTRIES = ++PTF (LU03231) DISPLAY ELAPSED TIME IN PFR AND PMM ENHANCEMENT DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) and Merge/Modify for Db2 for z/OS (PMM) will display the total elapsed time, and the elapsed time per statement. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.0 Merge/Modify for Db2 for z/OS Version 20.0 Related Problem: PFR 14407 Copyright (C) 2021 CA. All rights reserved. R01684-D200-SP1 DESC(DISPLAY ELAPSED TIME IN PFR AND PMM). ++VER (Z038) FMID (CPFLK00) PRE (LU00136 LU00178 LU00724 LU00983 LU02243 LU03191 R096581 R097708 S000018 S000704 S001401 S001656 S004857 S005012 S005502 S006117 S007170 S007811 S008071 S008378 S008428 S009900 S009977 S010752 S011235 S011431 S011601 S011846 S011946 S011996 S012128 S012150 S012275 S012526 S013097 S013203 S013765 S015015 S015484 S015738 S015938) SUP (AL00983 LT02641 LT03198 LT03231 LU02641) ++IF FMID(CPFUK00) REQ(LU03232) . ++IF FMID(CPRRK00) REQ(LU03233) . ++IF FMID(CPUTK00) REQ(LU03234) . ++IF FMID(CUGRK00) REQ(LU03235) . CSECT(FLA\$ARLD,#@XFCALR) .

Service	Details
LU03232	LU03232 M.C.S. ENTRIES = ++PTF (LU03232) DISPLAY ELAPSED TIME IN PFR AND PMM ENHANCEMENT DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) and Merge/Modify for Db2 for z/OS (PMM) will display the total elapsed time, and the elapsed time per statement. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.0 Merge/Modify for Db2 for z/OS Version 20.0 Related Problem: PFR 14407 Copyright (C) 2021 CA. All rights reserved. R01684-D200-SP1 DESC(DISPLAY ELAPSED TIME IN PFR AND PMM). ++VER (Z038) FMID (CPFUK00) PRE (R099558 S000019 S001402 S001657 S004460 S012151 S012276 S012527 S014984 S016195) SUP (AC15085 LT03199 LT03232 S015086 ST15086) ++IF FMID(CPRRK00) REQ(LU03233) . ++IF FMID(CPUTK00) REQ(LU03234) . ++IF FMID(CUGRK00) REQ(LU03235) . ++IF FMID(CPFLK00) REQ(LU03231) .

Service	Details
LU03233	LU03233 M.C.S. ENTRIES = ++PTF (LU03233) DISPLAY ELAPSED TIME IN PFR AND PMM ENHANCEMENT DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) and Merge/Modify for Db2 for z/OS (PMM) will display the total elapsed time, and the elapsed time per statement. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.0 Merge/Modify for Db2 for z/OS Version 20.0 Related Problem: PFR 14407 Copyright (C) 2021 CA. All rights reserved. R01684-D200-SP1 DESC(DISPLAY ELAPSED TIME IN PFR AND PMM). ++VER (Z038) FMID (CPRRK00) PRE (LU00303 LU00726 LU01351 LU01989 LU03034 LU03212 RO96588 RO97715 RO98968 S000023 S000786 S000846 S001409 S001658 S006125 S006582 S006609 S007818 S007893 S008379 S009026 S009089 S009599 S009901 S009905 S010007 S010505 S011080 S011109 S011200 S011222 S011237 S011603 S011847 S011998 S012109 S012152 S012277 S012528 S012716 S013152 S013204 S013635 S013708 S014276 S014640 S015237 S015313 S015485 S015739) SUP (LT02823 LT03040 LT03200 LT03233 S008837 S015585 ST08837 ST11058 ST15159 ST15282 ST15289 ST15585) ++IF FMID(CPFUK00) REQ(LU03232) . ++IF FMID(CPUTK00) REQ(LU03234) . ++IF FMID(CUGRK00) REQ(LU03235) . ++IF FMID(CPFLK00) REQ(LU03231) . CSECT(RRA@OIXM,#@XFCALR) .

Service	Details
LU03234	LU03234 M.C.S. ENTRIES = ++PTF (LU03234) DISPLAY ELAPSED TIME IN PFR AND PMM ENHANCEMENT DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) and Merge/Modify for Db2 for z/OS (PMM) will display the total elapsed time, and the elapsed time per statement. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.0 Merge/Modify for Db2 for z/OS Version 20.0 Related Problem: PFR 14407 Copyright (C) 2021 CA. All rights reserved. R01684-D200-SP1 DESC(DISPLAY ELAPSED TIME IN PFR AND PMM). ++VER (Z038) FMID (CPUTK00) PRE (LU00304 LU00727 LU01352 LU03213 R098969 S000024 S001659 S006127 S007172 S007820 S011110 S011604 S011999 S012153 S012278 S012529 S013153 S013205 S013709 S014035 S014567 S015238 S015314 S015486) SUP (LT02824 LT03041 LT03201 LT03234 ST15160) ++IF FMID(CPFUK00) REQ(LU03232) . ++IF FMID(CPRRK00) REQ(LU03233) . ++IF FMID(CUGRK00) REQ(LU03235) . ++IF FMID(CPFLK00) REQ(LU03231) .

Service	Details
LU03235	LU03235 M.C.S. ENTRIES = ++PTF (LU03235) DISPLAY ELAPSED TIME IN PFR AND PMM ENHANCEMENT DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) and Merge/Modify for Db2 for z/OS (PMM) will display the total elapsed time, and the elapsed time per statement. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.0 Merge/Modify for Db2 for z/OS Version 20.0 Related Problem: PFR 14407 Copyright (C) 2021 CA. All rights reserved. R01684-D200-SP1 DESC(DISPLAY ELAPSED TIME IN PFR AND PMM). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00689 LU00728 LU01292 LU02712 LU03186 R096595 R099574 S000029 S000201 S000788 S001418 S001660 S003816 S004251 S004475 S006069 S006132 S006879 S007826 S007905 S008280 S008833 S009132 S009595 S009742 S009748 S009903 S010044 S010165 S010201 S010306 S010818 S010819 S011083 S011605 S011686 S011929 S012155 S012279 S012530 S013130 S013206 S013586 S013768 S014568 S015711) SUP (LT03202 LT03235 S004048 S012018 ST04048 ST12018) ++IF FMID(CPFUK00) REQ(LU03232) . ++IF FMID(CPRRK00) REQ(LU03233) . ++IF FMID(CPUTK00) REQ(LU03234) . ++IF FMID(CPFLK00) REQ(LU03231) . ++HOLD (LU03235) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (21300) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. </pre>

Service	Details
	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 (UTAQCM,QCASTIMR) .

Service	Details																		
LU03250	LU03250 M.C.S. ENTRIES = ++PTF (LU03250) DISPLAY LUWID IN THE URID HEADER ENHANCEMENT DESCRIPTION: LUWID information is displayed in the URID header of Log Analyzer for Db2 for z/OS DML and DDL reports. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Release 20.0 Related Problem: PLA 14436 Copyright (C) 2021 CA. All rights reserved. R01685-D200-SP1 DESC(DISPLAY LUWID IN THE URID HEADER). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00138 LU00165 LU00238 LU00356 LU00597 LU00672 LU00725 LU00759 LU00882 LU00903 LU00940 LU01040 LU01043 LU01180 LU01385 LU01538 LU01869 LU01950 LU01985 LU02062 LU02230 LU02381 LU02979 LU03228 R096583 R097709 R099559 S000020 S000975 S001403 S001641 S004245 S004461 S004795 S006119 S006718 S006868 S007382 S007813 S008008 S008802 S008870 S009083 S009108 S009133 S009252 S009333 S010677 S011113 S011419 S011669 S011809 S011969 S012364 S012487 S012763 S012797 S012889 S012900 S012935 S013009 S013625 S013879 S014033 S014137 S014613 S014866 S015064 S015220 S015456 S015895 S016075) SUP (LT00480 LT02213 LT02816 LT03250 LU00480 LU02213 LU02816 S014142 S014949 S015531 ST14142 ST14924 ST14949 ST15531) ++HOLD (LU03250) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (21299) COMMENT (<table border="1"> <tr> <td>CA Log Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Relink XMESSAGES</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All CA DB2 Tools Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>CA DB2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND Authority on DB2 subsystems</td></tr> </table> ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance.	CA Log Analyzer for DB2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Relink XMESSAGES	USERS		AFFECTED	All CA DB2 Tools Users	KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization.	ACCESS	1. CA DB2 Tools Post Install	REQUIRED	2. BIND Authority on DB2 subsystems
CA Log Analyzer for DB2 for z/OS	Version 20.0																		
SEQUENCE	After Apply																		
PURPOSE	Relink XMESSAGES																		
USERS																			
AFFECTED	All CA DB2 Tools Users																		
KNOWLEDGE																			
REQUIRED	CA DB2 Tools Post Install Customization.																		
ACCESS	1. CA DB2 Tools Post Install																		
REQUIRED	2. BIND Authority on DB2 subsystems																		

Service	Details
	If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). CSECT (LAA@CR15,@@##\$\$B) . CSECT (LAA@CTL1,PTIDECF) . CSECT (LAA@DOFS,@XFCALR) . CSECT (LAA@DUMB,@XFCALR) . CSECT (LAA@RCDC,@XFCALN) . CSECT (LAA@RCMD,@XFCALN) . CSECT (LAA@RCMS,@XFCALN) . CSECT (LAA@RDDD,@XFCALN,LAIXMSG) . CSECT (LAA@RDDF,@XFCALN,SYMSECT) . CSECT (LAA@RDDS,@XFCALN) . CSECT (LAA@RDMF,@XFCALN) . CSECT (LAA@RDML,@XFCALN,LAIXMSG) . CSECT (LAA@RDMS,@XFCALN,LAIXMSG) . CSECT (LAA@RIC,@XFCALN) . CSECT (LAA@RPTO,@XFCALN) . CSECT (LAA@RRBD,@XFCALN) . CSECT (LAA@RRBS,@XFCALN) . CSECT (LAA@RRPA,@XFCALN) . CSECT (LAA@SQL,@XFCALN) .

Service	Details
LU03256	LU03256 M.C.S. ENTRIES = ++PTF (LU03256) DYNSQLCI AND STASQLCI REPORTS SHOW WRONG "FROM DATE TIME" PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) might report a wrong value for "From date time" field in the DYNSQLCI and STASQLCI requests when the system parameter HIST-SQL-MULTIPLE is used and 1 (default) is not specified. SYMPTOMS: DYNSQLCI "Dynamic SQL Stats - Current Hist Interval" and STASQLCI "Static SQL Stats - Current Hist. Interval" reports may show wrong "From date time" values. IMPACT: Inability to properly identify the current history collection interval on DYNSQLCI and STASQLCI requests. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 15063 Copyright (C) 2021 CA. All rights reserved. R01687-D200-SP1 DESC(DYNSQLCI AND STASQLCI REPORTS SHOW WRONG "FROM DATE TIME"). ++VER (Z038) FMID (CIDBK00) PRE (LU00299 LU00881 LU01100 LU01977 LU02325 LU02428 LU02646 LU02800 LU03023 LU03195 R096575 R097703 R099552 S001395 S004454 S006112 S007806 S010160 S011616 S011977 S013891 S014016 S014642 S014843 S014923 S015049 S015254 S015931 S016200) SUP (AS16200 LT03146 LT03256 LU03146 R097683 TR97683) CSECT (NUHSTLOM) .

Service	Details
LU03259	LU03259 M.C.S. ENTRIES = ++PTF (LU03259) GROUP ICL-DDL ANALYSIS ENDS WITH A SOC4 ABEND PROBLEM DESCRIPTION: In RC/Migrator for DB2 for z/OS (RCM), the group ICL analysis and the group migration analysis may end with a SOC4 abend with a reason code 00000011. SYMPTOMS: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=17.18.12 SEQ=30207 CPU=0000 ASID=00AF PSW AT TIME OF ERROR 078D2000 9B8D80E0 ILC 6 INTC 11 ACTIVE MODULE ADDRESS=00000000_1B8D8000 OFFSET=000000E0 NAME=RML@DDL DATA AT PSW 1B8D80DA - A8B44780 D0D0D209 C43F1000 IMPACT: The customers will not be able to successfully complete the analysis. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS (RCM) Version 20.0 Related Problem: RCM 15134 Copyright (C) 2021 CA. All rights reserved. R01688-D200-SP1 DESC (GROUP ICL-DDL ANALYSIS ENDS WITH A SOC4 ABEND). ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 R097704 R099553 S001396 S004718 S007379 S008957 S009105 S011691 S011966 S012361 S012933) SUP (LT02945 LT03259 LU02945)

Service	Details
LU03261	LU03261 M.C.S. ENTRIES = ++PTF (LU03261) DB2 THREAD TERM MAY ABEND AND MAY RESULT IN DB2 COMING DOWN PROBLEM DESCRIPTION: Shortly after a Detector for Db2 for z/OS (PDT) collection is started, abends may occur during Db2 thread termination in the Db2 Master and DBM1 address spaces. Shortly after these abends, the Db2 subsystem may come down and the PDT collection may terminate. SYMPTOMS: SOC1, SOC4, and possibly other abends may occur in the Db2 Master and allied address spaces. If the SOC4-10 abend occurs, a dump is produced. An example of the dump titles follow: For the Db2 Master address space: Dump Title: D11E,ABND=0C4-00000010,U=SYSOPR ,M=N ,C=111.SSSC-DSN3EOTS,M=DSN3AAES,PSW=077C1001BCF2D490,A=017E For the allied address space: Dump Title: D11E,ABND=0C4-00000010,U=LINMA10 ,M=N ,C=111.SSSC-DSNAPRHX,M=DSNAPRHX,PSW=077C1001BCF2D490,A=03AF IMPACT: Allied threads abend and Db2 may come down. CIRCUMVENTION: Specify COMPAT (Y) in the PDT member of the CDBAPARM library. Then restart Db2 and the PDT collection. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 15118 Copyright (C) 2021 CA. All rights reserved. R01689-D200-SP1 DESC(DB2 THREAD TERM MAY ABEND AND MAY RESULT IN DB2 COMING DOWN) . ++VER (Z038) FMID (CPDTK00) PRE (LU01542 R098429 S006334 S008129 S010908 S011694) SUP (LT03261) ++HOLD (LU03261) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21300) COMMENT (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. 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 DB2 Tools and/or may compromise the operating system/DB2 including possible failures.). MCS LU02712 STARTS ON PAGE 0002 MCS LU02726 STARTS ON PAGE 0003 MCS LU02727 STARTS ON PAGE 0004 MCS LU02728 STARTS ON PAGE 0006 MCS LU02816 STARTS ON PAGE 0007 MCS LU02886 STARTS ON PAGE 0007 MCS LU02945 STARTS ON PAGE 0008 MCS LU02979 STARTS ON PAGE 0009 MCS LU02985 STARTS ON PAGE 0011 MCS LU03018 STARTS ON PAGE 0012 MCS LU03023 STARTS ON PAGE 0012 MCS LU03032 STARTS ON PAGE 0013 MCS LU03033 STARTS ON PAGE 0014 MCS LU03034 STARTS ON PAGE 0015 MCS LU03035 STARTS ON PAGE 0017 MCS LU03073 STARTS ON PAGE 0018 MCS LU03091 STARTS ON PAGE 0018 MCS LU03093 STARTS ON PAGE 0020 MCS LU03101 STARTS ON PAGE 0021 MCS LU03116 STARTS ON PAGE 0022 MCS LU03142 STARTS ON PAGE 0024 MCS LU03146 STARTS ON PAGE 0036 MCS LU03152 STARTS ON PAGE 0037 MCS LU03162 STARTS ON PAGE 0038 MCS LU03186 STARTS ON PAGE 0039 MCS LU03187 STARTS ON PAGE 0040 MCS LU03190 STARTS ON PAGE 0041 MCS LU03191 STARTS ON PAGE 0043 MCS LU03192 STARTS ON PAGE 0047 MCS LU03195 STARTS ON PAGE 0050 MCS LU03209 STARTS ON PAGE 0051 MCS LU03210 STARTS ON PAGE 0054 MCS LU03211 STARTS ON PAGE 0054 MCS LU03212 STARTS ON PAGE 0055 MCS LU03213 STARTS ON PAGE 0056 MCS LU03214 STARTS ON PAGE 0056 MCS LU03220 STARTS ON PAGE 0057 </pre>	

Service	Details		
	MCS	LU03221	STARTS ON PAGE 0058
	MCS	LU03228	STARTS ON PAGE 0059
	MCS	LU03231	STARTS ON PAGE 0062
	MCS	LU03232	STARTS ON PAGE 0063
	MCS	LU03233	STARTS ON PAGE 0064
	MCS	LU03234	STARTS ON PAGE 0065
	MCS	LU03235	STARTS ON PAGE 0065
	MCS	LU03250	STARTS ON PAGE 0067
	MCS	LU03256	STARTS ON PAGE 0070
	MCS	LU03259	STARTS ON PAGE 0071
	MCS	LU03261	STARTS ON PAGE 0072

DB2 Tools 20.0
CA RS 2111 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 2111 Product/Component Count for this release is 27		

CA RS Level	Service	FMID
CAR2111	LU03261	CPDTK00
	LU03259	CINSK00
	LU03256	CIDBK00
	LU03250	CPLAK00
	LU03235	CUGRK00
	LU03234	CPUTK00
	LU03233	CPRRK00
	LU03232	CPFUK00
	LU03231	CPFLK00
	LU03228	CPLAK00
	LU03221	CINSK00
	LU03220	CRCQK00
	LU03214	CUGRK00
	LU03213	CPUTK00
	LU03212	CPRRK00
	LU03211	CPFUK00
	LU03210	CPFLK00
	LU03209	CINSK00
	LU03195	CIDBK00
	LU03192	CPUTK00
	LU03191	CPFLK00
	LU03190	CINSK00
	LU03187	CPUTK00
	LU03186	CUGRK00
	LU03162	CIDBK00
	LU03152	CPDAK00
	LU03146	CIDBK00
	LU03142	CINSK00
	LU03116	CPSAK00
	LU03101	CPBAK00
	LU03093	CPDTK00
	LU03091	CIDBK00
	LU03073	CUGRK00
	LU03035	CPDAK00
	LU03034	CPRRK00
	LU03033	CPUTK00
	LU03032	CPFUK00
	LU03023	CIDBK00
	LU03018	CPDTK00
	LU02985	CIDBK00
	LU02979	CPLAK00
	LU02945	CINSK00
	LU02886	CIDBK00
	LU02816	CPLAK00
	LU02728	CPUTK00
	LU02727	CPFUK00
	LU02726	CINSK00

CA RS Level	Service	FMID
CAR2110	LU02712	CUGRK00
	SO14389	CIDBK00
	LU02944	CPDTK00
	LU02894	CRCQK00
	LU02866	COFSK00
	LU02841	CIDBK00
	LU02829	CIDBK00
	LU02813	CINSK00
	LU02808	CINSK00
	LU02800	CIDBK00
	LU02796	CPDTK00
	LU02785	CPDAK00
	LU02767	CPLAK00
	LU02762	CUGRK00
	LU02708	CIDBK00
	LU02706	CPDTK00
	LU02665	CRCQK00
	LU02661	CINSK00
	LU02646	CIDBK00
	LU02642	CIDBK00
	LU02641	CPFLK00
	LU02634	CIDBK00
	LU02633	COFSK00
	LU02614	CINSK00
	LU02609	CINSK00
	LU02597	CRCQK00
	LU02577	CPBAK00
	LU02516	CIDBK00
	LU02489	CINSK00
	LU02472	CINSK00
	LU02471	CINSK00
	LU02280	COFSK00
	LU02279	CINSK00
CAR2109	LU02564	CRCQK00
	LU02554	CPDTK00
	LU02529	CUGRK00
	LU02524	CPDTK00
	LU02493	CPPAK00
	LU02492	CINSK00
	LU02485	CPFLK00
	LU02470	CPFUK00
	LU02456	CPDAK00
	LU02455	CINSK00
	LU02440	CPFUK00
	LU02439	CIDBK00
	LU02437	COFSK00
	LU02436	CPPAK00

CA RS Level	Service	FMID
	LU02428	CIDBK00
	LU02420	CINSK00
	LU02387	COFSK00
	LU02385	CUGRK00
	LU02383	CINSK00
	LU02381	CPLAK00
	LU02363	CINSK00
	LU02345	CINSK00
	LU02340	CIDBK00
	LU02335	CPFUK00
	LU02325	CIDBK00
	LU02307	CUGRK00
	LU02303	CIDBK00
	LU02290	CPDTK00
	LU02286	CPDTK00
	LU02271	CPDTK00
	LU02258	CPFLK00
	LU02243	CPFLK00
	LU02242	CINSK00
	LU02231	CPUTK00
	LU02230	CPLAK00
	LU02229	CINSK00
	LU02212	CINSK00
	LU02166	CINSK00
	LU02119	CTGRK00
	LU02118	CIDBK00
	LU02116	CINSK00
	LU02095	CPDAK00
CAR2108	LU02220	CPDTK00
	LU02213	CPLAK00
	LU02211	CRCUK00
	LU02197	CINSK00
	LU02164	CINSK00
	LU02143	CUTSK00
	LU02142	CIDBK00
	LU02133	CPSAK00
	LU02132	CPDTK00
	LU02131	CINSK00
	LU02124	CINSK00
	LU02117	CINSK00
	LU02108	CPDTK00
	LU02096	CIDBK00
	LU02093	CIDBK00
	LU02062	CPLAK00
	LU02061	CINSK00
	LU02053	CINSK00
	LU02048	CUGRK00

CA RS Level	Service	FMID
	LU02033	CIDBK00
	LU02031	CIDBK00
	LU02030	CRCQK00
	LU02029	CINSK00
	LU02008	CPFLK00
	LU02007	CPUTK00
	LU02006	CPFUK00
	LU02005	CINSK00
	LU01999	CINSK00
	LU01998	CUGRK00
	LU01997	CTGRK00
	LU01996	CRCXK00
	LU01995	CRCUK00
	LU01994	CRC SK00
	LU01993	CRCQK00
	LU01992	CPXNK00
	LU01991	CPUTK00
	LU01990	CPSAK00
	LU01989	CPRRK00
	LU01988	CPRFK00
	LU01987	CPRAK00
	LU01986	CPPAK00
	LU01985	CPLAK00
	LU01984	CPFUK00
	LU01983	CPFLK00
	LU01982	CPDTK00
	LU01981	CPDAK00
	LU01980	CPBAK00
	LU01979	COFSK00
	LU01978	CINSK00
	LU01977	CIDBK00
	LU01975	CAHOK00
	LU01958	CINSK00
	LU01950	CPLAK00
	LU01949	CINSK00
	LU01944	CRCXK00
	LU01939	CPFUK00
	LU01937	COFSK00
	LU01936	CUGRK00
	LU01934	CINSK00
	LU01933	CPDTK00
	LU01930	CPUTK00
	LU01927	CINSK00
	LU01922	CINSK00
	LU01845	CIDBK00
	LU01832	COFSK00
	LU01784	CINSK00

CA RS Level	Service	FMID
CAR2107	LU01290	CINSK00
	LU01893	CUGRK00
	LU01892	CPPAK00
	LU01891	CINSK00
	LU01869	CPLAK00
	LU01860	CPDAK00
	LU01841	CPDTK00
	LU01837	CINSK00
	LU01829	CIDBK00
	LU01799	CPDTK00
	LU01760	CINSK00
	LU01757	CINSK00
	LU01750	CIDBK00
	LU01732	CPSAK00
	LU01727	CPFUK00
	LU01720	CPFLK00
	LU01717	CUGRK00
	LU01706	CRCQK00
	LU01705	CINSK00
	LU01696	CINSK00
	LU01695	CPRAK00
	LU01694	CINSK00
	LU01683	CINSK00
	LU01673	CINSK00
	LU01666	CIDBK00
	LU01648	CINSK00
	LU01626	CPDAK00
	LU01625	CINSK00
	LU01610	CINSK00
	LU01581	CIDBK00
	LU01575	CINSK00
	LU01556	CIDBK00
	LU01551	CPPAK00
	LU01550	CINSK00
	LU01543	CPSAK00
	LU01542	CPDTK00
	LU01541	CIDBK00
	LU01538	CPLAK00
	LU01534	CUGRK00
	LU01526	CINSK00
	LU01525	CIDBK00
	LU01513	CIDBK00
	LU01508	CINSK00
	LU01405	CINSK00
	LU01362	CINSK00
	LU01357	CINSK00
CAR2106	LU01494	CINSK00

CA RS Level	Service	FMID
	LU01467	CPDTK00
	LU01432	CSQ2100
	LU01415	CPLAK00
	LU01410	CRCQK00
	LU01396	CPDTK00
	LU01393	CPDTK00
	LU01385	CPLAK00
	LU01384	CINSK00
	LU01380	CPUTK00
	LU01379	CPFLK00
	LU01378	CINSK00
	LU01376	CINSK00
	LU01367	CINSK00
	LU01352	CPUTK00
	LU01351	CPRRK00
	LU01350	CPFUK00
	LU01349	CPFLK00
	LU01338	CPDAK00
	LU01330	CRCQK00
	LU01321	CPRFK00
	LU01311	CPFUK00
	LU01293	CIDBK00
	LU01292	CUGRK00
	LU01291	CPUTK00
	LU01286	CINSK00
	LU01275	CINSK00
	LU01265	CINSK00
	LU01222	COFSK00
	LU01215	CPDTK00
	LU01208	CRCQK00
	LU01182	CUGRK00
	LU01181	CPRAK00
	LU01180	CPLAK00
	LU01179	COFSK00
	LU01178	CINSK00
	LU01175	CIDBK00
	LU01166	CIDBK00
	LU01165	CPFUK00
	LU01164	CIDBK00
	LU01151	CINSK00
	LU01135	CUGRK00
	LU01127	CUGRK00
	LU01122	COFSK00
	LU01121	CINSK00
	LU01118	CINSK00
	LU01107	COFSK00
	LU01106	CINSK00

CA RS Level	Service	FMID
	LU01102	CPRFK00
	LU01089	CPDAK00
	LU01043	CPLAK00
	LU00983	CPFLK00
CAR2105	LU01126	CPDAK00
	LU01100	CIDBK00
	LU01068	CPPAK00
	LU01056	CINSK00
	LU01053	COFSK00
	LU01042	CIDBK00
	LU01041	CIDBK00
	LU01040	CPLAK00
	LU01039	CINSK00
	LU01035	CIDBK00
	LU01030	CIDBK00
	LU01002	CPDTK00
	LU00989	CINSK00
	LU00982	CIDBK00
	LU00973	CUGRK00
	LU00968	CINSK00
	LU00964	CIDBK00
	LU00940	CPLAK00
	LU00938	CPDTK00
	LU00937	CINSK00
	LU00925	CINSK00
	LU00923	CPUTK00
	LU00921	CINSK00
	LU00914	CINSK00
	LU00903	CPLAK00
	LU00891	CPDAK00
	LU00890	CINSK00
	LU00887	CPUTK00
	LU00886	CPFUK00
	LU00882	CPLAK00
	LU00881	CIDBK00
	LU00863	CPFUK00
	LU00859	CPSAK00
	LU00858	CPDTK00
	LU00847	CINSK00
	LU00839	CINSK00
	LU00795	CUGRK00
	LU00794	CINSK00
	LU00769	CRCXK00
	LU00768	CPDTK00
	LU00759	CPLAK00
	LU00698	CINSK00
	LU00697	CIDBK00

CA RS Level	Service	FMID
	LU00678	CINSK00
	LU00592	CINSK00
	LU00581	CPRFK00
CAR2104	LU00728	CUGRK00
	LU00727	CPUTK00
	LU00726	CPRRK00
	LU00725	CPLAK00
	LU00724	CPFLK00
	LU00723	CINSK00
	LU00689	CUGRK00
	LU00684	CPDTK00
	LU00672	CPLAK00
	LU00659	CSQ2100
	LU00646	CPPAK00
	LU00645	CPBAK00
	LU00644	COFSK00
	LU00643	CINSK00
	LU00639	CINSK00
	LU00635	CPDAK00
	LU00613	CINSK00
	LU00597	CPLAK00
	LU00576	CPSAK00
	LU00568	CINSK00
	LU00565	CSQ2100
	LU00549	CPDTK00
	LU00545	CIDBK00
	LU00532	CRCQK00
	LU00531	COFSK00
	LU00530	CINSK00
	LU00524	CPDTK00
	LU00523	CINSK00
	LU00511	CRCUK00
	LU00510	CINSK00
	LU00509	CINSK00
	LU00508	CINSK00
	LU00500	CPSAK00
	LU00480	CPLAK00
	LU00475	CPDAK00
	LU00452	CPRRK00
	LU00450	CRCXK00
	LU00449	CRCUK00
	LU00448	CRCMK00
	LU00447	CPFUK00
	LU00446	CINSK00
	LU00440	CPPAK00
	LU00439	CPBAK00
	LU00438	CINSK00

CA RS Level	Service	FMID
	LU00437	CPUTK00
	LU00436	CPFLK00
	LU00435	CINSK00
	LU00434	CIDBK00
	LU00433	CRCUK00
	LU00432	CINSK00
	LU00427	CIDBK00
	LU00426	CINSK00
	LU00413	CRCQK00
	LU00412	CINSK00
	LU00411	CRCXK00
	LU00402	CPDTK00
	LU00400	CPRFK00
	LU00399	CINSK00
	LU00381	CPDAK00
	LU00368	CINSK00
	LU00359	CINSK00
	LU00342	CRCXK00
	LU00341	CRCUK00
	LU00340	CRC SK00
	LU00339	CRCQK00
	LU00338	CRCMK00
	LU00337	CPUTK00
	LU00336	CPRAK00
	LU00335	CPLAK00
	LU00334	CPDTK00
	LU00333	CPDAK00
	LU00332	CINSK00
	LU00331	CIDBK00
	LU00330	CAHOK00
	LU00314	CPDAK00
	LU00304	CPUTK00
	LU00303	CPRRK00
	LU00302	CPFUK00
	LU00301	CPFLK00
	LU00299	CIDBK00
	LU00283	CINSK00
	LU00277	CINSK00
	LU00275	CUGRK00
	LU00177	CPUTK00
CAR2103	SO16295	CIDBK00
	SO15817	CUGRK00
	SO14357	CIDBK00
	SO13729	CRCQK00
	LU00356	CPLAK00
	LU00329	CPDTK00
	LU00282	CIDBK00

CA RS Level	Service	FMID
	LU00281	CPFUK00
	LU00257	CPDAK00
	LU00256	CPDAK00
	LU00254	CINSK00
	LU00253	CIDBK00
	LU00250	CPRFK00
	LU00248	CPUTK00
	LU00247	CPFLK00
	LU00246	CIDBK00
	LU00242	CINSK00
	LU00240	CPDTK00
	LU00238	CPLAK00
	LU00237	CINSK00
	LU00227	CINSK00
	LU00217	CPFUK00
	LU00216	CINSK00
	LU00207	CPRFK00
	LU00194	CPUTK00
	LU00178	CPFLK00
	LU00176	CPDTK00
	LU00165	CPLAK00
	LU00162	CINSK00
	LU00159	CIDBK00
	LU00152	CUGRK00
	LU00147	CRCQK00
	LU00146	CPDAK00
	LU00145	CINSK00
	LU00141	CUGRK00
	LU00140	CPUTK00
	LU00139	CPRRK00
	LU00138	CPLAK00
	LU00137	CPFUK00
	LU00136	CPFLK00
	LU00135	CINSK00
	LU00134	CIDBK00
	LU00133	CPUTK00
	LU00132	CPLAK00
	LU00131	CINSK00
	LU00127	CINSK00
	LU00124	CPDTK00
	LU00123	CINSK00
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00
	S016262	CPFUK00
	S016258	CPRFK00

CA RS Level	Service	FMID
	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
	S015938	CPFLK00
	S015937	CINSK00
	S015935	CPSAK00
	S015931	CIDBK00
	S015927	CPDTK00
	S015913	CIDBK00

CA RS Level	Service	FMID
	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
	S015486	CPUTK00
	S015485	CPRRK00
	S015484	CPFLK00
	S015483	CPDAK00
	S015482	CINSK00
	S015480	CUTSK00

CA RS Level	Service	FMID
	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
	S015070	CIDBK00
	S015064	CPLAK00
	S015062	COFSK00
	S015061	CINSK00
	S015049	CIDBK00
	S015045	CINSK00

CA RS Level	Service	FMID
	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
	S014655	COFSK00
	S014642	CIDBK00
CAR2009	S014641	CUGRK00
	S014640	CPRRK00
	S014639	CINSK00
	S014634	CINSK00

CA RS Level	Service	FMID
	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
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00

CA RS Level	Service	FMID
	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
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00

DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00

CA RS Level	Service	FMID
	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
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00

CA RS Level	Service	FMID
	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
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00

CA RS Level	Service	FMID
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCSK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00

CA RS Level	Service	FMID
	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
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00

CA RS Level	Service	FMID
	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
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00

CA RS Level	Service	FMID
	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
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00

CA RS Level	Service	FMID
	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
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00

CA RS Level	Service	FMID
	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
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00

CA RS Level	Service	FMID
	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
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00

CA RS Level	Service	FMID
	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
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00

CA RS Level	Service	FMID
	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
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00

CA RS Level	Service	FMID
	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	CRC SK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00

CA RS Level	Service	FMID
	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
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00

CA RS Level	Service	FMID
	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
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00

CA RS Level	Service	FMID
	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
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00

CA RS Level	Service	FMID
	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
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00

CA RS Level	Service	FMID
	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
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00

CA RS Level	Service	FMID
	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
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00

CA RS Level	Service	FMID
	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
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00

CA RS Level	Service	FMID
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCSK00
	S001641	CPLAK00
CAR1805	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00

CA RS Level	Service	FMID
	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
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00

CA RS Level	Service	FMID
	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	CRC SK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00

CA RS Level	Service	FMID
	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	CRCCK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00

CA RS Level	Service	FMID
	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