

DB2 Tools 20.0
CA RS 2201 Service List

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Service	Description	Type
LU03499	DISABLE CONNECTION TO DB2 10	PTF
LU03657	SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU	PTF
LU03659	SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU	PTF
LU03660	SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU	PTF
LU03661	SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU	PTF
LU03662	SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU	PTF
LU03663	SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU	PTF
LU03664	SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU	PTF
LU03684	STORAGE EXHAUSTED WITH LARGE NUMBER OF COMPRESSED PARTITIONS	PTF
LU03685	STORAGE EXHAUSTED WITH LARGE NUMBER OF COMPRESSED PARTITIONS	PTF
LU03686	STORAGE EXHAUSTED WITH LARGE NUMBER OF COMPRESSED PARTITIONS	PTF
LU03691	ORPHANED STORAGE WHEN LOAD OF DATASTORE COMPATIBILITY FAILS	PTF
LU03703	MTC-DBM POST INSTALL CONFIGURATION UTILITY FIXES	PTF
LU03706	RECOVERY ANALYZER SUPPORT FL508 ICTYPE='A' TTYPE='M'	*HIP/PRP*
LU03709	ENHANCEMENT FOR DETECTOR EXTERNALIZATION PROCESS	PTF
LU03710	ENHANCEMENT FOR DETECTOR EXTERNALIZATION PROCESS	PTF
LU03712	LEVEL SET 20.0.02	PTF
LU03731	DML REPORT FAILS WITH RETURN CODE 8 AND MESSAGE LAE0098W	PTF
LU03732	DISPLAY NEW PRODUCT VERSION STRING	PTF
LU03733	DISPLAY NEW PRODUCT VERSION STRING	PTF
LU03734	DISPLAY NEW PRODUCT VERSION STRING	PTF
LU03735	DISPLAY NEW PRODUCT VERSION STRING	PTF
LU03742	DISPLAY NEW PRODUCT VERSION STRING	PTF
LU03749	DISPLAY FULL VERSION STRING	PTF
LU03759	FAST RECOVER ABEND DURING FRL@TASK	PTF
LU03760	SQL177/SQL238 SQL PARSE ERROR FOR VALID SQL	PTF
LU03761	PDA - DISPLAY NEW PRODUCT VERSION STRING	PTF
LU03762	PDA - DISPLAY NEW PRODUCT VERSION STRING	PTF
LU03788	DSSIZE NOT GENERATED FOR LOB TABLESPACE WHEN OFS IS ACTIVE	PTF
LU03789	SQLCODE -104 ISSUED WHEN ADDING A NEW COLUMN TO THE INDEX	PTF
LU03808	FALSE DETECTOR COLLECTION TASK STALLED - MESSAGE PXM3205	PTF
LU03809	FALSE DETECTOR COLLECTION TASK STALLED - MESSAGE PXM3205	PTF
LU03813	PT390W CONDITION_SQL_ERROR PARAMETER MISSING IN PDA PARMLIB	PTF
LU03814	PT390W CONDITION_SQL_ERROR PARAMETER MISSING IN PDA PARMLIB	PTF
LU03827	INCORRECTLY PRINTED MESSAGE CAS9180E FOR PRODUCT PD	** PRP **
LU03838	REORG ON PBR WITH PAGENUM RELATIVE MISSING PART LVL DATASETS	PTF
LU03846	SOC7 AFTER A FAILED INDEX PARTITION LOAD	PTF
LU03847	SOC7 AFTER A FAILED INDEX PARTITION LOAD	PTF
LU03856	RECOVERY ANALYSIS ENDS WITH A SOC4 ABEND IN RML@REC	PTF
LU03859	PFR AND PMM SUPPORT FOR FL508 ICTYPE='A' TTYPE='M'	PTF
LU03869	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU03878	SOC3 ABEND WHEN A STRATEGY INCLUDE FUNCTIONS	PTF
LU03879	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU03907	SOC7 AFTER A FAILED INDEX PARTITION LOAD	PTF
LU03917	PDT0216 DYNAMIC COLLECTION S13E ABEND INCURRED/TERMINATION	PTF
LU03918	PDT0216 DYNAMIC COLLECTION S13E ABEND INCURRED/TERMINATION	PTF
LU03923	OFS - CREATE OR REPLACE STORED PROCEDURE	PTF

DB2 Tools 20.0
CA RS 2201 Service List

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Service	Description	Type
LU03924	OFS - CREATE OR REPLACE STORED PROCEDURE	PTF
LU03925	OFS - CREATE OR REPLACE STORED PROCEDURE	PTF
LU03926	OFS - CREATE OR REPLACE STORED PROCEDURE	PTF
LU03929	EXCEPTION SYSTEM DISTSERV INCLUSION/EXCLUSION BY CORRID	PTF
LU03935	TS-UA REPORT FAILS WHEN USING EQF	PTF
LU03952	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU03953	ABEND OC4 WHEN EXECUTING IN CROSS-SPACE MEMORY MODE	PTF
LU03954	SOC4 ABEND IN LMOD NAINSTMM WHEN XNET USER IS DISCONNECTED	PTF
LU03955	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU03961	INCORRECT INDEX STATISTICS AFTER APPLYING PTF LU02861	** PRP **
LU03997	PARAMETER MARKER FOR HOST VARIABLE DATA TYPE MESSAGE	PTF
LU03998	PARAMETER MARKER FOR HOST VARIABLE DATA TYPE MESSAGE	PTF
LU04015	SOC1 ABEND MAY OCCUR DURING SYNCHRONIZED PDT/PSA COLLECTION	PTF
LU04026	INCORRECT REPORT-LEVEL HELP FOR SEVERAL REPORTS	PTF
LU04027	THE IDB2UIFI UTILITY MAY ISSUE IRRELEVANT ERROR MESSAGES	PTF
LU04094	USER ABEND 0070 RESULTS WITH SPACE CALCULATOR FETCH STATS	PTF
The CA RS 2201 service count for this release is 63		

DB2 Tools
CA RS 2201 Service List for CIDBK00

FMID	Service	Description	Type
CIDBK00	LU03929	EXCEPTION SYSTEM DISTSERV INCLUSION/EXCLUSION BY CORRID	PTF
	LU03954	SOC4 ABEND IN LMOD NAINSTMM WHEN XNET USER IS DISCONNECTED	PTF
	LU04026	INCORRECT REPORT-LEVEL HELP FOR SEVERAL REPORTS	PTF
	LU04027	THE IDB2UIFI UTILITY MAY ISSUE IRRELEVANT ERROR MESSAGES	PTF
The CA RS 2201 service count for this FMID is 4			

DB2 Tools
CA RS 2201 Service List for CINSK00

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FMID	Service	Description	Type
CINSK00	LU03499	DISABLE CONNECTION TO DB2 10	PTF
	LU03657	SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU	PTF
	LU03691	ORPHANED STORAGE WHEN LOAD OF DATASTORE COMPATIBILITY FAILS	PTF
	LU03703	MTC-DBM POST INSTALL CONFIGURATION UTILITY FIXES	PTF
	LU03709	ENHANCEMENT FOR DETECTOR EXTERNALIZATION PROCESS	PTF
	LU03712	LEVEL SET 20.0.02	PTF
	LU03761	PDA - DISPLAY NEW PRODUCT VERSION STRING	PTF
	LU03788	DSSIZE NOT GENERATED FOR LOB TABLESPACE WHEN OFS IS ACTIVE	PTF
	LU03789	SQLCODE -104 ISSUED WHEN ADDING A NEW COLUMN TO THE INDEX	PTF
	LU03808	FALSE DETECTOR COLLECTION TASK STALLED - MESSAGE PXM3205	PTF
	LU03813	PT390W CONDITION_SQL_ERROR PARAMETER MISSING IN PDA PARMLIB	PTF
	LU03838	REORG ON PBR WITH PAGENUM RELATIVE MISSING PART LVL DATASETS	PTF
	LU03856	RECOVERY ANALYSIS ENDS WITH A SOC4 ABEND IN RML@REC	PTF
	LU03869	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU03878	SOC3 ABEND WHEN A STRATEGY INCLUDE FUNCTIONS	PTF
	LU03879	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU03907	SOC7 AFTER A FAILED INDEX PARTITION LOAD	PTF
	LU03923	OFS - CREATE OR REPLACE STORED PROCEDURE	PTF
	LU03952	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU03953	ABEND OC4 WHEN EXECUTING IN CROSS-SPACE MEMORY MODE	PTF
	LU03955	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU03961	INCORRECT INDEX STATISTICS AFTER APPLYING PTF LU02861	** PRP **
	LU03997	PARAMETER MARKER FOR HOST VARIABLE DATA TYPE MESSAGE	PTF
	LU04094	USER ABEND 0070 RESULTS WITH SPACE CALCULATOR FETCH STATS	PTF
The CA RS 2201 service count for this FMID is 24			

DB2 Tools
CA RS 2201 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	LU03659	SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU	PTF
	LU03924	OFS - CREATE OR REPLACE STORED PROCEDURE	PTF
The CA RS 2201 service count for this FMID is 2			

DB2 Tools
CA RS 2201 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	LU03762	PDA - DISPLAY NEW PRODUCT VERSION STRING	PTF
	LU03814	PT390W CONDITION_SQL_ERROR PARAMETER MISSING IN PDA PARMLIB	PTF
The CA RS 2201 service count for this FMID is 2			

DB2 Tools
CA RS 2201 Service List for CPDTK00

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FMID	Service	Description	Type
CPDTK00	LU03710	ENHANCEMENT FOR DETECTOR EXTERNALIZATION PROCESS	PTF
	LU03809	FALSE DETECTOR COLLECTION TASK STALLED - MESSAGE PXM3205	PTF
	LU03917	PDT0216 DYNAMIC COLLECTION S13E ABEND INCURRED/TERMINATION	PTF
	LU03998	PARAMETER MARKER FOR HOST VARIABLE DATA TYPE MESSAGE	PTF
	LU04015	SOC1 ABEND MAY OCCUR DURING SYNCHRONIZED PDT/PSA COLLECTION	PTF
The CA RS 2201 service count for this FMID is 5			

DB2 Tools
CA RS 2201 Service List for CPFLK00

FMID	Service	Description	Type
CPFLK00	LU03684	STORAGE EXHAUSTED WITH LARGE NUMBER OF COMPRESSED PARTITIONS	PTF
	LU03742	DISPLAY NEW PRODUCT VERSION STRING	PTF
	LU03846	SOC7 AFTER A FAILED INDEX PARTITION LOAD	PTF
The CA RS 2201 service count for this FMID is 3			

DB2 Tools
CA RS 2201 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	LU03732	DISPLAY NEW PRODUCT VERSION STRING	PTF
	LU03827	INCORRECTLY PRINTED MESSAGE CAS9180E FOR PRODUCT PD	** PRP **
The CA RS 2201 service count for this FMID is 2			

DB2 Tools
CA RS 2201 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	LU03660	SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU	PTF
	LU03731	DML REPORT FAILS WITH RETURN CODE 8 AND MESSAGE LAE0098W	PTF
	LU03749	DISPLAY FULL VERSION STRING	PTF
	LU03925	OFS - CREATE OR REPLACE STORED PROCEDURE	PTF
The CA RS 2201 service count for this FMID is 4			

DB2 Tools
CA RS 2201 Service List for CPRAK00

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FMID	Service	Description	Type
CPRAK00	LU03706	RECOVERY ANALYZER SUPPORT FL508 ICTYPE='A' TTYPE='M'	*HIP/PRP*
The CA RS 2201 service count for this FMID is 1			

DB2 Tools
CA RS 2201 Service List for CPRRK00

FMID	Service	Description	Type
CPRRK00	LU03685	STORAGE EXHAUSTED WITH LARGE NUMBER OF COMPRESSED PARTITIONS	PTF
	LU03733	DISPLAY NEW PRODUCT VERSION STRING	PTF
The CA RS 2201 service count for this FMID is 2			

DB2 Tools
CA RS 2201 Service List for CPSAK00

FMID	Service	Description	Type
CPSAK00	LU03918	PDT0216 DYNAMIC COLLECTION S13E ABEND INCURRED/TERMINATION	PTF
The CA RS 2201 service count for this FMID is 1			

DB2 Tools
CA RS 2201 Service List for CPUTK00

FMID	Service	Description	Type
CPUTK00	LU03686	STORAGE EXHAUSTED WITH LARGE NUMBER OF COMPRESSED PARTITIONS	PTF
	LU03734	DISPLAY NEW PRODUCT VERSION STRING	PTF
	LU03847	SOC7 AFTER A FAILED INDEX PARTITION LOAD	PTF
The CA RS 2201 service count for this FMID is 3			

FMID	Service	Description	Type
CRCMK00	LU03661	SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU	PTF
The CA RS 2201 service count for this FMID is 1			

DB2 Tools
CA RS 2201 Service List for CRCQK00

FMID	Service	Description	Type
CRCQK00	LU03662	SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU	PTF
	LU03935	TS-UA REPORT FAILS WHEN USING EQF	PTF
The CA RS 2201 service count for this FMID is 2			

DB2 Tools
CA RS 2201 Service List for CRCUK00

FMID	Service	Description	Type
CRCUK00	LU03663	SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU	PTF
The CA RS 2201 service count for this FMID is 1			

DB2 Tools
CA RS 2201 Service List for CRCXK00

FMID	Service	Description	Type
CRCXK00	LU03664	SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU	PTF
	LU03926	OFS - CREATE OR REPLACE STORED PROCEDURE	PTF
The CA RS 2201 service count for this FMID is 2			

DB2 Tools
CA RS 2201 Service List for CSQ2100

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FMID	Service	Description	Type
CSQ2100	LU03760	SQL177/SQL238 SQL PARSE ERROR FOR VALID SQL	PTF
The CA RS 2201 service count for this FMID is 1			

DB2 Tools
CA RS 2201 Service List for CUGRK00

FMID	Service	Description	Type
CUGRK00	LU03735	DISPLAY NEW PRODUCT VERSION STRING	PTF
	LU03759	FAST RECOVER ABEND DURING FRL@TASK	PTF
	LU03859	PFR AND PMM SUPPORT FOR FL508 ICTYPE='A' TTYPE='M'	PTF
The CA RS 2201 service count for this FMID is 3			

Service	Details
LU03499	LU03499 M.C.S. ENTRIES = ++PTF (LU03499) DISABLE CONNECTION TO DB2 10 ENHANCEMENT DESCRIPTION: Prevent the Database Management Solutions for Db2 for z/OS from connecting to a Db2 10 subsystem. The following message will be issued: RC=xxxx, RCODE=xxxx DB2 Version not supported PRODUCT(S) AFFECTED: Database Management Solutions for Db2 for z/OS Version 20.0 Related Problem: GEN 15131 Copyright (C) 2021 CA. All rights reserved. R01723-D200-SP1 DESC(DISABLE CONNECTION TO DB2 10). ++VER (Z038) FMID (CINSK00) PRE (LU00277 LU00847 LU01106 LU03209 R099553 S004455 S006863 S007807 S009426 S009860 S012851 S013574) SUP (LT03499 S010662 S015031 ST10662 ST15031) ++HOLD (LU03499) SYSTEM FMID(CINSK00) REASON (ACTION) DATE (21340) COMMENT (<pre> +-----+ DBM Solutions for Db2 for z/OS Base Install Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Disable connection to Db2 10 +-----+-----+ USERS Db2 10 users AFFECTED +-----+-----+ KNOWLEDGE DBM Solutions for Db2 for z/OS product runtime libraries REQUIRED +-----+-----+ ACCESS Product runtime libraries REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** This PTF prevents the Database Management Solutions for Db2 for z/OS from connecting to a Db2 10 subsystem. The following message will be issued: RC=xxxx, RCODE=xxxx DB2 Version not supported. Make sure that you do not use the Database Management Solutions for Db2 for z/OS on a Db2 10 subsystem.).</pre>

Service	Details
LU03657	LU03657 M.C.S. ENTRIES = ++PTF (LU03657) SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU ENHANCEMENT DESCRIPTION: User-Defined Function support has been added to RC/Migrator for Db2 for z/OS, RC/Compare for Db2 for z/OS and RC/Update for Db2 for z/OS. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 RC/Compare for DB2 for z/OS Version 20.0 RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCM 3082 Copyright (C) 2021 CA. All rights reserved. R01735-D200-SP1 DESC(SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU). ++VER (Z038) FMID (CINSK00) PRE (LU00131 LU00237 LU00254 LU00432 LU00438 LU00446 LU00510 LU00530 LU00643 LU00723 LU00914 LU00925 LU00989 LU01039 LU01106 LU01121 LU01178 LU01275 LU01405 LU01683 LU01705 LU01927 LU01978 LU02229 LU02279 LU02345 LU02726 LU03142 LU03190 LU03314 R096576 R097704 R099553 S000016 S000978 S001396 S001655 S001896 S003959 S004129 S004250 S004455 S004718 S004855 S005011 S005199 S006113 S006286 S006608 S006638 S006863 S007323 S007379 S007807 S007955 S008128 S008278 S008434 S008578 S008662 S008859 S008869 S009105 S009183 S009356 S009417 S009761 S009785 S009797 S009799 S009860 S010004 S010028 S010173 S010200 S010292 S010676 S010974 S011078 S011084 S011684 S011691 S011866 S011966 S012115 S012147 S012228 S012361 S012547 S012650 S012715 S012751 S012817 S012904 S012924 S012933 S013071 S013111 S013193 S013308 S013484 S013985 S014125 S014174 S014282 S014381 S014566 S014615 S014832 S014859 S014865 S015311 S015709 S015760 S015804 S015980 S016132) SUP (AR97704 AS01396 AS04455 AS05873 AS07379 BS04455 BS07379 CS07379 LT00127 LT00242 LT00321 LT00325 LT00368 LT00399 LT00426 LT00508 LT00509 LT00613 LT00639 LT00678 LT00698 LT00968 LT01118 LT01151 LT01357 LT01508 LT01694 LT01958 LT01999 LT02053 LT02166 LT02212 LT02420 LT02614 LT02945 LT03221 LT03259 LT03291 LT03391 LT03603 LT03615 LT03657 LU00127 LU00242 LU00368 LU00399 LU00426 LU00508 LU00509 LU00613 LU00639 LU00678 LU00698 LU00968 LU01118 LU01151 LU01357 LU01508 LU01694 LU01958 LU01999 LU02053 LU02166 LU02212 LU02420 LU02614 LU02945 LU03221 LU03259 LU03291 LU03391 R099748 S000343 S001905 S005237 S005280 S005873 S006007 S007774 S007856 S008198 S008202 S008262 S008291 S008414 S008606 S008684 S008750 S008856 S008957 S009033 S009125 S009126 S009232 S009461 S009546 S009564 S009602 S009790 S009839 S009892 S009945

Service	Details
	SO10021 SO10080 SO10243 SO10331 SO10437 SO10512 SO10549 SO10631 SO10760 SO10763 SO10815 SO10827 SO10948 SO10978 SO11048 SO11231 SO11255 SO11534 SO11696 SO11737 SO11806 SO11942 SO11988 SO12031 SO12042 SO12164 SO12249 SO12268 SO12524 SO12792 SO12812 SO12829 SO12994 SO13149 SO13154 SO13229 SO13273 SO13539 SO13726 SO13794 SO13814 SO13878 SO13888 SO13930 SO13974 SO14623 SO14899 SO15444 SO15449 SO15506 SO15613 SO15867 SO15998 SO16001 SO16024 SO16031 SO16045 SO16053 SO16088 SO16176 ST00343 ST01905 ST05065 ST05237 ST05280 ST05873 ST06007 ST06674 ST06695 ST07198 ST07774 ST07856 ST08198 ST08202 ST08262 ST08291 ST08314 ST08395 ST08414 ST08606 ST08684 ST08750 ST08760 ST08780 ST08856 ST08916 ST08957 ST08965 ST09031 ST09033 ST09125 ST09126 ST09232 ST09385 ST09434 ST09461 ST09530 ST09546 ST09564 ST09565 ST09602 ST09790 ST09791 ST09839 ST09892 ST09945 ST10021 ST10080 ST10243 ST10331 ST10437 ST10512 ST10549 ST10631 ST10722 ST10760 ST10763 ST10815 ST10827 ST10948 ST10978 ST11048 ST11231 ST11255 ST11534 ST11648 ST11696 ST11737 ST11741 ST11806 ST11942 ST11988 ST12031 ST12042 ST12164 ST12171 ST12249 ST12268 ST12511 ST12524 ST12792 ST12812 ST12829 ST12994 ST13149 ST13154 ST13229 ST13273 ST13539 ST13726 ST13794 ST13814 ST13878 ST13888 ST13930 ST13974 ST14623 ST14899 ST15444 ST15449 ST15506 ST15613 ST15867 ST15998 ST16001 ST16011 ST16024 ST16031 ST16045 ST16053 ST16088 ST16176 TR99748) ++IF FMID(COFSK00) REQ(LU03659) . ++IF FMID(CPLAK00) REQ(LU03660) . ++IF FMID(CRCMK00) REQ(LU03661) . ++IF FMID(CRCQK00) REQ(LU03662) . ++IF FMID(CRCUK00) REQ(LU03663) . ++IF FMID(CRCXK00) REQ(LU03664) . ++HOLD (LU03657) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (21340) COMMENT (+-----+ DB2 Common Components Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization +-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+

[illegible]

Service	Details
	<pre> +-----+-----+ PURPOSE Alter Db2 Tools objects +-----+-----+ USERS AFFECTED All Users. +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. Install SYSADM, SYSADM or DBADM on PTDB. +-----+-----+ ***** * STEPS TO PERFORM * ***** Db2 objects must be compared/alterd and a Bind Replace performed as part of this maintenance. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the following tasks using the post-install tailoring options: 1. Compare Db2 Objects 2. Create Required Db2 Objects 3. Bind Product Packages and Plans IMPORTANT! If SYSVIEW for Db2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). ++HOLD (LU03657) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (21340) COMMENT (+-----+-----+ DB2 Common Components Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All Db2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED </pre>

Service	Details
	1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).

Service	Details
LU03659	LU03659 M.C.S. ENTRIES = ++PTF (LU03659) SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU ENHANCEMENT DESCRIPTION: User-Defined Function support has been added to RC/Migrator for Db2 for z/OS, RC/Compare for Db2 for z/OS and RC/Update for Db2 for z/OS. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 RC/Compare for DB2 for z/OS Version 20.0 RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCM 3082 Copyright (C) 2021 CA. All rights reserved. R01735-D200-SP1 DESC(SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU). ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU00644 LU01053 LU01107 LU01122 LU01179 LU01979 LU02280 LU02437 LU03315 R096577 R097705 R099554 S001397 S001666 S004456 S006114 S006864 S007380 S007808 S008109 S008435 S008579 S008663 S009106 S009184 S009762 S010029 S011967 S012362 S012412 S014126 S015062 S015225 S016133) SUP (LT00200 LT01176 LT01222 LT01273 LT01516 LT01832 LT01937 LT02387 LT02633 LT02866 LT03659 LU01222 LU01832 LU01937 LU02387 LU02633 LU02866 S008101 S008403 S008427 S008858 S009128 S009647 S010250 S011921 S013758 S013781 S013990 S014570 S014655 S015440 S015650 ST01387 ST08101 ST08403 ST08427 ST08858 ST08864 ST08979 ST09008 ST09128 ST09327 ST09467 ST09647 ST10250 ST11770 ST11921 ST12409 ST13745 ST13758 ST13781 ST13860 ST13990 ST14570 ST14655 ST15440 ST15650 ST16272) ++IF FMID(CPLAK00) REQ(LU03660) . ++IF FMID(CRCMK00) REQ(LU03661) . ++IF FMID(CRCQK00) REQ(LU03662) . ++IF FMID(CRCUK00) REQ(LU03663) . ++IF FMID(CRCXK00) REQ(LU03664) . ++IF FMID(CINSK00) REQ(LU03657) .

Service	Details						
LU03660	LU03660 M.C.S. ENTRIES = ++PTF (LU03660) SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU ENHANCEMENT DESCRIPTION: User-Defined Function support has been added to RC/Migrator for Db2 for z/OS, RC/Compare for Db2 for z/OS and RC/Update for Db2 for z/OS. PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3082 Copyright (C) 2021 CA. All rights reserved. R01735-D200-SP1 DESC(SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU). ++VER (Z038) FMID (CPLAK00) PRE (LU00672 LU01043 LU02230 LU02381 LU03250 LU03282 LU03316 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S008802 S009083 S009133 S010677 S011113 S011419 S011669 S012797 S012889 S012900 S013009 S013625 S013879 S014137 S014142 S014613 S014866 S015220) SUP (LT02213 LT03660 LU02213 S014949 ST14924 ST14949) ++IF FMID(COFSK00) REQ(LU03659) . ++IF FMID(CRCMK00) REQ(LU03661) . ++IF FMID(CRCQK00) REQ(LU03662) . ++IF FMID(CRCUK00) REQ(LU03663) . ++IF FMID(CRCXK00) REQ(LU03664) . ++IF FMID(CINSK00) REQ(LU03657) . CSECT(LAA@DOFS,#@XFCALR) .	RC/Migrator for DB2 for z/OS	Version 20.0	RC/Compare for DB2 for z/OS	Version 20.0	RC/Update for DB2 for z/OS	Version 20.0
RC/Migrator for DB2 for z/OS	Version 20.0						
RC/Compare for DB2 for z/OS	Version 20.0						
RC/Update for DB2 for z/OS	Version 20.0						

Service	Details						
LU03661	LU03661 M.C.S. ENTRIES = ++PTF (LU03661) SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU ENHANCEMENT DESCRIPTION: User-Defined Function support has been added to RC/Migrator for Db2 for z/OS, RC/Compare for Db2 for z/OS and RC/Update for Db2 for z/OS. PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3082 Copyright (C) 2021 CA. All rights reserved. R01735-D200-SP1 DESC(SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU). ++VER (Z038) FMID (CRCMK00) PRE (R099568) SUP (LT03661 S015191 ST15191) ++IF FMID(COFSK00) REQ(LU03659) . ++IF FMID(CPLAK00) REQ(LU03660) . ++IF FMID(CRCQK00) REQ(LU03662) . ++IF FMID(CRCUK00) REQ(LU03663) . ++IF FMID(CRCXK00) REQ(LU03664) . ++IF FMID(CINSK00) REQ(LU03657) .	RC/Migrator for DB2 for z/OS	Version 20.0	RC/Compare for DB2 for z/OS	Version 20.0	RC/Update for DB2 for z/OS	Version 20.0
RC/Migrator for DB2 for z/OS	Version 20.0						
RC/Compare for DB2 for z/OS	Version 20.0						
RC/Update for DB2 for z/OS	Version 20.0						

Service	Details						
LU03662	LU03662 M.C.S. ENTRIES = ++PTF (LU03662) SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU ENHANCEMENT DESCRIPTION: User-Defined Function support has been added to RC/Migrator for Db2 for z/OS, RC/Compare for Db2 for z/OS and RC/Update for Db2 for z/OS. PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3082 Copyright (C) 2021 CA. All rights reserved. R01735-D200-SP1 DESC(SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU). ++VER (Z038) FMID (CRCQK00) PRE (LU01410 R096593 R099569 S000025 S001414 S006875 S010163 S012229 S014335) SUP (LT02735 LT03662 S007954 ST07954 TR99761 TR99776 TR99791 TR99806 TR99821 TR99873) ++IF FMID(COFSK00) REQ(LU03659) . ++IF FMID(CPLAK00) REQ(LU03660) . ++IF FMID(CRCMK00) REQ(LU03661) . ++IF FMID(CRCUK00) REQ(LU03663) . ++IF FMID(CRCXK00) REQ(LU03664) . ++IF FMID(CINSK00) REQ(LU03657) . CSECT(RQAMI, #@XFCALN, RQDCOM@, RQAISOL@, RQAMICST) .	RC/Migrator for DB2 for z/OS	Version 20.0	RC/Compare for DB2 for z/OS	Version 20.0	RC/Update for DB2 for z/OS	Version 20.0
RC/Migrator for DB2 for z/OS	Version 20.0						
RC/Compare for DB2 for z/OS	Version 20.0						
RC/Update for DB2 for z/OS	Version 20.0						

Service	Details
LU03663	LU03663 M.C.S. ENTRIES = ++PTF (LU03663) SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU ENHANCEMENT DESCRIPTION: User-Defined Function support has been added to RC/Migrator for Db2 for z/OS, RC/Compare for Db2 for z/OS and RC/Update for Db2 for z/OS. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 RC/Compare for DB2 for z/OS Version 20.0 RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCM 3082 Copyright (C) 2021 CA. All rights reserved. R01735-D200-SP1 DESC(SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU). ++VER (Z038) FMID (CRCUK00) PRE (LU00341 LU00433 LU00449 LU03437 R096594 R097721 R099571 S000026 S001415 S004472 S004720 S006877 S007383 S007824 S009109 S010975 S011867 S011970 S012365 S012936 S013112 S014833 S015806) SUP (LT03663 ST08867 ST08982 ST09011 ST12477) ++IF FMID(COFSK00) REQ(LU03659) . ++IF FMID(CPLAK00) REQ(LU03660) . ++IF FMID(CRCMK00) REQ(LU03661) . ++IF FMID(CRCQK00) REQ(LU03662) . ++IF FMID(CRCXK00) REQ(LU03664) . ++IF FMID(CINSK00) REQ(LU03657) .

Service	Details						
LU03664	LU03664 M.C.S. ENTRIES = ++PTF (LU03664) SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU ENHANCEMENT DESCRIPTION: User-Defined Function support has been added to RC/Migrator for Db2 for z/OS, RC/Compare for Db2 for z/OS and RC/Update for Db2 for z/OS. PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3082 Copyright (C) 2021 CA. All rights reserved. R01735-D200-SP1 DESC(SUPPORT USER DEFINED FUNCTIONS IN RCM, RCC, AND RCU). ++VER (Z038) FMID (CRCXK00) PRE (LU00411 LU00450 LU03318 R099572 R099853 S000027 S001416 S007384 S009110 S011079 S011868 S011971 S012366 S012937 S015807) SUP (LT03664) ++IF FMID(COFSK00) REQ(LU03659) . ++IF FMID(CPLAK00) REQ(LU03660) . ++IF FMID(CRCMK00) REQ(LU03661) . ++IF FMID(CRCQK00) REQ(LU03662) . ++IF FMID(CRCUK00) REQ(LU03663) . ++IF FMID(CINSK00) REQ(LU03657) . CSECT(RXA\$XPT0,#@XFCALN) .	RC/Migrator for DB2 for z/OS	Version 20.0	RC/Compare for DB2 for z/OS	Version 20.0	RC/Update for DB2 for z/OS	Version 20.0
RC/Migrator for DB2 for z/OS	Version 20.0						
RC/Compare for DB2 for z/OS	Version 20.0						
RC/Update for DB2 for z/OS	Version 20.0						

Service	Details
LU03684	LU03684 M.C.S. ENTRIES = ++PTF (LU03684) STORAGE EXHAUSTED WITH LARGE NUMBER OF COMPRESSED PARTITIONS PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may run out of below the bar storage when there are a large number of compressed partitions. 2. PFL may run out of below the bar storage when there are a large number of partitions and RECLUSTER NO is specified. 3. PFL may run out of storage when the user region is too small. 4. PFL ends with RC 8 and no error messages under the following conditions: - DB2 function level is at least 504. - Compressed UTS. - z14 Entropy Encoding facility is installed. - TS_COMPRESSION_TYPE ZPARM set to HUFFMAN. - There's an empty tablespace data set. SYMPTOMS: 1, 2 and 3. One or more of the following errors could be reported: - S878abend. - IEW4000I message. - CSV031I message. 4. RC 8 with no error messages. IMPACT: Processing fails. CIRCUMVENTION: 1, 3 and 4. None. 2. Specify RECLUSTER YES. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 15344 Copyright (C) 2021 CA. All rights reserved. R01739-D200-SP1 DESC(STORAGE EXHAUSTED WITH LARGE NUMBER OF COMPRESSED PARTITIONS). ++VER (Z038) FMID (CPFLK00) PRE (LU00136 LU00178 LU00301 LU00436 LU00724 LU01349 LU01379 LU01720 LU02243 LU03191 LU03210 LU03231 RO96581 RO97708 S000018 S000704 S001401 S001656 S003861 S004857 S005012 S005502 S006117 S007170 S007811 S008071 S008378 S008407 S008428 S009024 S009977 S010752 S011107 S011325 S011431 S011601 S011846 S011946 S011996 S012107 S012128 S012150 S012275 S012526 S013066 S013097 S013150 S013175 S013203 S013706 S013765 S014031 S014772 S015015 S015235 S015484 S015738 S015938 S016089) SUP (AS14772 LT02258 LT02485 LT02821 LT03038 LT03684 LU02258 LU02485 S015771 ST11056 ST13122 ST15157 ST15771) ++IF FMID(CPRRK00) REQ(LU03685) . ++IF FMID(CPUTK00) REQ(LU03686) . CSECT(FLA\$ROPN,#@XFCALR) .

Service	Details
LU03685	LU03685 M.C.S. ENTRIES = ++PTF (LU03685) STORAGE EXHAUSTED WITH LARGE NUMBER OF COMPRESSED PARTITIONS PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may run out of below the bar storage when there are a large number of compressed partitions. 2. PFL may run out of below the bar storage when there are a large number of partitions and RECLUSTER NO is specified. 3. PFL may run out of storage when the user region is too small. 4. PFL ends with RC 8 and no error messages under the following conditions: - DB2 function level is at least 504. - Compressed UTS. - z14 Entropy Encoding facility is installed. - TS_COMPRESSION_TYPE ZPARM set to HUFFMAN. - There's an empty tablespace data set. SYMPTOMS: 1, 2 and 3. One or more of the following errors could be reported: - S878abend. - IEW4000I message. - CSV031I message. 4. RC 8 with no error messages. IMPACT: Processing fails. CIRCUMVENTION: 1, 3 and 4. None. 2. Specify RECLUSTER YES. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 15344 Copyright (C) 2021 CA. All rights reserved. R01739-D200-SP1 DESC(STORAGE EXHAUSTED WITH LARGE NUMBER OF COMPRESSED PARTITIONS). ++VER (Z038) FMID (CPRRK00) PRE (R098968 S000023 S006609 S011998 S012152 S014034) SUP (LT03685) ++IF FMID(CPUTK00) REQ(LU03686) . ++IF FMID(CPFLK00) REQ(LU03684) .

Service	Details
LU03686	LU03686 M.C.S. ENTRIES = ++PTF (LU03686) STORAGE EXHAUSTED WITH LARGE NUMBER OF COMPRESSED PARTITIONS PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may run out of below the bar storage when there are a large number of compressed partitions. 2. PFL may run out of below the bar storage when there are a large number of partitions and RECLUSTER NO is specified. 3. PFL may run out of storage when the user region is too small. 4. PFL ends with RC 8 and no error messages under the following conditions: - DB2 function level is at least 504. - Compressed UTS. - z14 Entropy Encoding facility is installed. - TS_COMPRESSION_TYPE ZPARM set to HUFFMAN. - There's an empty tablespace data set. SYMPTOMS: 1, 2 and 3. One or more of the following errors could be reported: - S878abend. - IEW4000I message. - CSV031I message. 4. RC 8 with no error messages. IMPACT: Processing fails. CIRCUMVENTION: 1, 3 and 4. None. 2. Specify RECLUSTER YES. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 15344 Copyright (C) 2021 CA. All rights reserved. R01739-D200-SP1 DESC(STORAGE EXHAUSTED WITH LARGE NUMBER OF COMPRESSED PARTITIONS). ++VER (Z038) FMID (CPUTK00) PRE (LU00140 S000024 S014035) SUP (LT03686) ++IF FMID(CPRRK00) REQ(LU03685) . ++IF FMID(CPFLK00) REQ(LU03684) . CSECT(UTAGLHFD,#@XFCALR) .

Service	Details																						
LU03691	LU03691 M.C.S. ENTRIES = ++PTF (LU03691) ORPHANED STORAGE WHEN LOAD OF DATASTORE COMPATIBILITY FAILS PROBLEM DESCRIPTION: The Execution Manager "Xmanager" for Db2 for z/OS (PXM) may incur an EPVT storage shortage when the load and delete of the datastore compatibility modules fail. This problem occurs only when the datastore compatibility fixes S012924 and S012754 are not applied or have been backed out. SYMPTOMS: The following messages appears in the Xmanager log: PXM2001 ERROR DELETING PSA201CC DATASTORE COMPATIBILITY RELEASE MODULE. PXM2002 ERROR LOADING PSA201CC DATASTORE COMPATIBILITY RELEASE MODULE. IMPACT: Subsystem Analyzer datastores that were created at the prior release cannot be accessed and the storage leak can eventually lead to an EPVT storage shortage. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: DBM Solutions for Db2 for z/OS Version 20.0 Related Problem: PXM 15149 Copyright (C) 2021 CA. All rights reserved. R01740-D200-SP1 DESC (ORPHANED STORAGE WHEN LOAD OF DATASTORE COMPATIBILITY FAILS). ++VER (Z038) FMID (CINSK00) PRE (LU02813 R096167 R097823 R098087 S012924) SUP (LT03691) ++HOLD (LU03691) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21336) COMMENT (<table border="1"> <tr> <td>DB2 Common Components</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>Before Apply</td></tr> <tr> <td>PURPOSE</td><td>Avoidance of module mismatch related errors in an Xmanager</td></tr> <tr> <td>USERS</td><td>Collections of Db2 statistics via Detector or Subsystem</td></tr> <tr> <td>AFFECTED</td><td>Analyzer.</td></tr> <tr> <td></td><td>Db2 subsystems that have active collections.</td></tr> <tr> <td>KNOWLEDGE</td><td>1. SMP/E</td></tr> <tr> <td>REQUIRED</td><td>2. z/OS System Programming</td></tr> <tr> <td></td><td>3. Db2 Tools Installation and Maintenance procedures.</td></tr> <tr> <td>ACCESS</td><td>1. Product runtime libraries.</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> ***** * STEPS TO PERFORM * *****	DB2 Common Components	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.	REQUIRED	
DB2 Common Components	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.																						
REQUIRED																							

Service	Details
	To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.). CSECT(XM\$DCTCC).

Service	Details
LU03703	LU03703 M.C.S. ENTRIES = ++PTF (LU03703) MTC-DBM POST INSTALL CONFIGURATION UTILITY FIXES PROBLEM DESCRIPTION: The DBM for Db2 Configuration Utility (CU) for the Mainframe Team Center - Database Management for Db2 for z/OS (MTC-DBM) and the DBM Data Service (DBM DS) generates an incorrect parameter name for MTC-DBM in the configuration file when selecting to enable SSL under the UI general settings. SYMPTOMS: The MTC-DBM UI STC ends abnormally on startup. IMPACT: The MTC-DBM UI STC will not run. CIRCUMVENTION: Manually correct the error in the MTC-DBM configuration file. PRODUCT(S) AFFECTED: CA DBM Solutions for Db2 for z/OS Base Install Version 20.0 Related Problem: PDT 15380 Copyright (C) 2021 CA. All rights reserved. R01741-D200-SP1 DESC (MTC-DBM POST INSTALL CONFIGURATION UTILITY FIXES). ++VER (Z038) FMID (CINSK00) PRE (LU00839 LU01610 LU02808) SUP (LT01837 LT03703 LU01837)

Service	Details
LU03706	LU03706 M.C.S. ENTRIES = ++PTF (LU03706) RECOVERY ANALYZER SUPPORT FL508 ICTYPE='A' TTYPE='M' ENHANCEMENT DESCRIPTION: Recovery Analyzer for DB2 for z/OS (PRA) can identify objects with FL508 ICTYPE='A' and TTYPE='M' SYSCOPY records. If the specified recovery PIT is before ICTYPE='A' and TTYPE='M', the objects are reported as unrecoverable. PRODUCT(S) AFFECTED: Recovery Analyzer for Db2 for z/OS Version 20.0 Related Problem: PRA 15293 Copyright (C) 2021 CA. All rights reserved. R01742-D200-SP1 DESC(RECOVERY ANALYZER SUPPORT FL508 ICTYPE='A' TTYPE='M'). ++VER (Z038) FMID (CPRAK00) PRE (LU01181 LU01987 R097711 R099561 S000022 S001405 S004246 S004463 S004796 S006121 S009714 S010817) SUP (AC03741 LT03706 S008922 ST01242 ST04790 ST08922) ++HOLD (LU03706) SYSTEM FMID(CPRAK00) REASON (DB2BIND) DATE (21336) COMMENT (<pre> +-----+ Recovery Analyzer for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. 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 Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.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 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
	CSECT (PRA\$DRDE,CATALOG) . CSECT (PRA\$XMSG,#@XFCALN) . CSECT (PRA#ACTU,PRA\$CVT) . CSECT (PRA#ARCL,PRA\$CVT,#@XFCALN) . CSECT (PRA#MAIN,PRA\$CVT) . CSECT (PRA#PITR,PRA\$CVT) . CSECT (PRA#PSYS,PRA\$CVT) . CSECT (PRA#PTIV,PRA\$CVT) . CSECT (PRA#PTLG,@@##\$\$B) . CSECT (PRA#QUIE,PRA\$CVT) .

Service	Details
LU03709	LU03709 M.C.S. ENTRIES = ++PTF (LU03709) ENHANCEMENT FOR DETECTOR EXTERNALIZATION PROCESS ENHANCEMENT DESCRIPTION: In Detector for Db2 for z/OS (PDT), the collection externalization process now offloads CPU-intensive processing of standard activity to a zIIP processor when one is available. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 14675 Copyright (C) 2021 CA. All rights reserved. R01743-D200-SP1 DESC (ENHANCEMENT FOR DETECTOR EXTERNALIZATION PROCESS). ++VER (Z038) FMID (CINSK00) PRE (S000016) SUP (LT03639 LT03709) ++IF FMID(CPDTK00) REQ(LU03710) . ++HOLD (LU03709) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21337) COMMENT (<pre> +-----+ DB2 Common Components 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. 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. </pre>

Service	Details
	) . CSECT (XM\$ZBBCC) .

Service	Details
LU03710	LU03710 M.C.S. ENTRIES = ++PTF (LU03710) ENHANCEMENT FOR DETECTOR EXTERNALIZATION PROCESS ENHANCEMENT DESCRIPTION: In Detector for Db2 for z/OS (PDT), the collection externalization process now offloads CPU-intensive processing of standard activity to a zIIP processor when one is available. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 14675 Copyright (C) 2021 CA. All rights reserved. R01743-D200-SP1 DESC (ENHANCEMENT FOR DETECTOR EXTERNALIZATION PROCESS). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00524 LU00549 LU00768 LU00938 LU01542 LU02944 LU03461 R096580 R097707 R098088 R098429 S001400 S003942 S004458 S004757 S006116 S006334 S007810 S008204 S008244 S010521 S010908 S011694 S013616 S013889 S014338 S014397 S014782 S016174) SUP (LT03638 LT03640 LT03710 ST11973) ++IF FMID(CINSK00) REQ(LU03709) . ++HOLD (LU03710) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21337) COMMENT (<pre> +-----+ 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. 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 </pre>

Service	Details
	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.).

Service	Details
LU03712	LU03712 M.C.S. ENTRIES = ++PTF (LU03712) LEVEL SET 20.0.02 ENHANCEMENT DESCRIPTION: Creates a common maintenance point of all PTFs published since 20.0.01 was published. No activation is required. PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 15486 Copyright (C) 2021 CA. All rights reserved. R01744-D200-SP1 DESC(LEVEL SET 20.0.02). ++VER (Z038) FMID (CINSK00) PRE (LU00162 LU01290 LU02005 LU02116 LU02124 LU02131 LU02166 LU02197 LU02212 LU02229 LU02242 LU02279 LU02345 LU02363 LU02383 LU02420 LU02455 LU02471 LU02472 LU02489 LU02492 LU02609 LU02614 LU02661 LU02726 LU02808 LU02813 LU02861 LU02945 LU03142 LU03190 LU03209 LU03221 LU03259 LU03291 LU03309 LU03314 LU03337 LU03367 LU03391 LU03417 LU03463 LU03520 LU03629 LU03666 S013827) SUP (LT03712) ++IF FMID(CPFUK00) REQ(LU02006 LU02335 LU02440 LU02470 LU02727 LU03032 LU03211 LU03232 LU03265 LU03353 LU03384 LU03578) . ++IF FMID(CPUTK00) REQ(LU02007 LU02231 LU02728 LU03033 LU03187 LU03192 LU03213 LU03234 LU03323 LU03401 LU03519 LU03579) . ++IF FMID(CIDBK00) REQ(LU02031 LU02096 LU02118 LU02142 LU02303 LU02325 LU02340 LU02428 LU02439 LU02516 LU02634 LU02642 LU02646 LU02708 LU02800 LU02829 LU02841 LU02886 LU02985 LU03023 LU03091 LU03146 LU03162 LU03195 LU03252 LU03256 LU03286 LU03348 LU03435 LU03453 LU03455 LU03673) . ++IF FMID(CPLAK00) REQ(LU02062 LU02213 LU02230 LU02381 LU02767 LU02816 LU02979 LU03228 LU03250 LU03282 LU03316 LU03492 LU03500) . ++IF FMID(CPDAK00) REQ(LU02095 LU02456 LU02785 LU03035 LU03152 LU03680) . ++IF FMID(CTGRK00) REQ(LU02119) . ++IF FMID(CPDTK00) REQ(LU02132 LU02220 LU02271 LU02286 LU02290 LU02524 LU02554 LU02706 LU02796 LU02944 LU03018 LU03093 LU03261 LU03386 LU03406 LU03461) . ++IF FMID(CPSAK00) REQ(LU02133 LU03116 LU03601) . ++IF FMID(CUTSK00) REQ(LU02143) . ++IF FMID(CRCUK00) REQ(LU02211 LU03437 LU03667) . ++IF FMID(CPFLK00) REQ(LU02243 LU02258 LU02485 LU02641 LU03191 LU03210 LU03231 LU03399 LU03577) . ++IF FMID(COFSK00) REQ(LU02280 LU02387 LU02437 LU02633 LU02866

Service	Details
	LU03315). ++IF FMID(CUGRK00) REQ(LU02307 LU02385 LU02529 LU02712 LU02762 LU03073 LU03186 LU03214 LU03235 LU03324 LU03326 LU03344 LU03443 LU03580). ++IF FMID(CPPAK00) REQ(LU02436 LU02493 LU03338) . ++IF FMID(CRCQK00) REQ(LU02564 LU02597 LU02665 LU02894 LU03220 LU03308 LU03317). ++IF FMID(CPBAK00) REQ(LU02577 LU03101) . ++IF FMID(CPRRK00) REQ(LU03034 LU03212 LU03233 LU03400) . ++IF FMID(CRCXK00) REQ(LU03318) .

Service	Details
LU03731	LU03731 M.C.S. ENTRIES = ++PTF (LU03731) DML REPORT FAILS WITH RETURN CODE 8 AND MESSAGE LAE0098W PROBLEM DESCRIPTION: Log Analyzer for Db2 for z/OS DML REDO/UNDO may fail with return code 8 and message LAE0098W. This happens when reported activity is compressed. SYMPTOMS: The following message appears in the joblog for DML REDO/UNDO report: LAE0098W n update(s) were discarded during DML Activity reporting. Log records are discarded whenever incomplete row images or data formatting errors prevent log analyzer from determining if the log record meets your selection criteria. A log record may also be discarded if log analyzer is unable to format the column data needed to build a LOAD output format record or REDO/UNDO SQL statement. IMPACT: Report does not contain expanded data of a DML activity. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 15358 Copyright (C) 2021 CA. All rights reserved. R01746-D200-SP1 DESC(DML REPORT FAILS WITH RETURN CODE 8 AND MESSAGE LAE0098W). ++VER (Z038) FMID (CPLAK00) PRE (LU00597 LU01538 LU01950 LU02062 LU02381 LU03250 R099559 S000975 S004245 S004461 S007813 S008008 S008802 S009333 S010677 S011669 S012889) SUP (LT03731)

Service	Details												
LU03732	LU03732 M.C.S. ENTRIES = ++PTF (LU03732) DISPLAY NEW PRODUCT VERSION STRING ENHANCEMENT DESCRIPTION: The specified Broadcom Utilities for Db2 for z/OS have been updated to display the Level Set value as the modification level (mm) in the new product version string (vv.rr.mm). Previously, the version string included only the product version and release number (vv.r). Now, the addition to the Level Set values helps you to better understand what maintenance level has been applied at your site. This enhancement affects the following product messages: PUT0000I, PFU0001I, PFC0053I, PFI0001I, PRR0001I, POR0178I. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Check for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 15479 Copyright (C) 2021 CA. All rights reserved. R01747-D200-SP1 DESC(DISPLAY NEW PRODUCT VERSION STRING). ++VER (Z038) FMID (CPFUK00) PRE (LU00302 LU01350 LU02727 LU03032 LU03211 LU03232 LU03265 LU03353 LU03578 R099558 S000019 S001402 S001818 S004460 S006118 S006867 S007812 S008860 S011108 S011997 S012151 S013151 S013707 S014984 S015236 S016195) SUP (LT02822 LT03039 LT03732 ST13123 ST15158) ++IF FMID(CINSK00) REQ(LU00283) . ++IF FMID(CPRRK00) REQ(LU03733) . ++IF FMID(CPUTK00) REQ(LU03734) . ++IF FMID(CUGRK00) REQ(LU03735) . ++IF FMID(CPFLK00) REQ(LU03742) .	Utilities Common	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Check for Db2 for z/OS	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0
Utilities Common	Version 20.0												
Fast Load for Db2 for z/OS	Version 20.0												
Fast Unload for Db2 for z/OS	Version 20.0												
Fast Check for Db2 for z/OS	Version 20.0												
Fast Index for Db2 for z/OS	Version 20.0												
Rapid Reorg for Db2 for z/OS	Version 20.0												

Service	Details												
LU03733	LU03733 M.C.S. ENTRIES = ++PTF (LU03733) DISPLAY NEW PRODUCT VERSION STRING ENHANCEMENT DESCRIPTION: The specified Broadcom Utilities for Db2 for z/OS have been updated to display the Level Set value as the modification level (mm) in the new product version string (vv.rr.mm). Previously, the version string included only the product version and release number (vv.r). Now, the addition to the Level Set values helps you to better understand what maintenance level has been applied at your site. This enhancement affects the following product messages: PUT0000I, PFU0001I, PFC0053I, PFI0001I, PRR0001I, POR0178I. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Check for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 15479 Copyright (C) 2021 CA. All rights reserved. R01747-D200-SP1 DESC(DISPLAY NEW PRODUCT VERSION STRING). ++VER (Z038) FMID (CPRRK00) PRE (LU00303 LU00726 LU01351 LU01989 LU03034 LU03212 LU03233 R096588 R097715 R098968 S000023 S000786 S000846 S001409 S001658 S004247 S004467 S004797 S006125 S006582 S006609 S007818 S007893 S008379 S009026 S009089 S009599 S009901 S009905 S010007 S011039 S011080 S011109 S011200 S011222 S011237 S011603 S011998 S012109 S012152 S012277 S012528 S012716 S013152 S013204 S013339 S013635 S013708 S014034 S014276 S014640 S015237 S015313 S015485) SUP (LT02823 LT03040 LT03488 LT03733 S010679 S015585 ST10679 ST11058 ST15159 ST15282 ST15289 ST15585) ++IF FMID(CINSK00) REQ(LU00283) . ++IF FMID(CPUTK00) REQ(LU03734) . ++IF FMID(CUGRK00) REQ(LU03735) . ++IF FMID(CPFLK00) REQ(LU03742) . ++IF FMID(CPFUK00) REQ(LU03732) . CSECT(RRA@MAIN,@##\$\$B) . CSECT(RRA@OIXM,#@XFCALR) .	Utilities Common	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Check for Db2 for z/OS	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0
Utilities Common	Version 20.0												
Fast Load for Db2 for z/OS	Version 20.0												
Fast Unload for Db2 for z/OS	Version 20.0												
Fast Check for Db2 for z/OS	Version 20.0												
Fast Index for Db2 for z/OS	Version 20.0												
Rapid Reorg for Db2 for z/OS	Version 20.0												

Service	Details
LU03734	LU03734 M.C.S. ENTRIES = ++PTF (LU03734) DISPLAY NEW PRODUCT VERSION STRING ENHANCEMENT DESCRIPTION: The specified Broadcom Utilities for Db2 for z/OS have been updated to display the Level Set value as the modification level (mm) in the new product version string (vv.rr.mm). Previously, the version string included only the product version and release number (vv.r). Now, the addition to the Level Set values helps you to better understand what maintenance level has been applied at your site. This enhancement affects the following product messages: PUT0000I, PFU0001I, PFC0053I, PFI0001I, PRR0001I, POR0178I. PRODUCT(S) AFFECTED: Utilities Common Version 20.0 Fast Load for Db2 for z/OS Version 20.0 Fast Unload for Db2 for z/OS Version 20.0 Fast Check for Db2 for z/OS Version 20.0 Fast Index for Db2 for z/OS Version 20.0 Rapid Reorg for Db2 for z/OS Version 20.0 Related Problem: PUT 15479 Copyright (C) 2021 CA. All rights reserved. R01747-D200-SP1 DESC(DISPLAY NEW PRODUCT VERSION STRING). ++VER (Z038) FMID (CPUTK00) PRE (LU00177 LU00304 LU00727 LU01352 LU03033 LU03192 LU03213 LU03234 R096590 R098969 R099566 S000024 S001659 S005016 S005102 S006127 S006874 S007820 S007894 S008586 S009027 S009253 S011110 S011238 S011604 S011848 S011849 S011999 S012153 S012278 S012529 S012717 S013153 S013205 S013709 S013767 S014502 S015238 S015486 S016090) SUP (LT02824 LT03041 LT03734 ST11059 ST15160) ++IF FMID(CINSK00) REQ(LU00283) . ++IF FMID(CPRRK00) REQ(LU03733) . ++IF FMID(CUGRK00) REQ(LU03735) . ++IF FMID(CPFLK00) REQ(LU03742) . ++IF FMID(CPFUK00) REQ(LU03732) . ++HOLD (LU03734) SYSTEM FMID(CPUTK00) REASON (MSGSKEL) DATE (21343) COMMENT (-----+ Utilities Common

Service	Details
	<pre> +-----+-----+ ACCESS 1. 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																																												
LU03735	LU03735 M.C.S. ENTRIES = ++PTF (LU03735) DISPLAY NEW PRODUCT VERSION STRING ENHANCEMENT DESCRIPTION: The specified Broadcom Utilities for Db2 for z/OS have been updated to display the Level Set value as the modification level (mm) in the new product version string (vv.rr.mm). Previously, the version string included only the product version and release number (vv.r). Now, the addition to the Level Set values helps you to better understand what maintenance level has been applied at your site. This enhancement affects the following product messages: PUT0000I, PFU0001I, PFC0053I, PFI0001I, PRR0001I, POR0178I. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Check for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 15479 Copyright (C) 2021 CA. All rights reserved. R01747-D200-SP1 DESC(DISPLAY NEW PRODUCT VERSION STRING). ++VER (Z038) FMID (CUGRK00) PRE (LU03324 LU03580 S000029 S004475) SUP (LT03735) ++IF FMID(CINSK00) REQ(LU00283) . ++IF FMID(CPRRK00) REQ(LU03733) . ++IF FMID(CPUTK00) REQ(LU03734) . ++IF FMID(CPFLK00) REQ(LU03742) . ++IF FMID(CPFUK00) REQ(LU03732) . ++HOLD (LU03735) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (21343) COMMENT (<table> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> Utility General Recovery</td><td> Version 20.0 </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> SEQUENCE After Apply</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> PURPOSE Relink XMESSAGES</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> USERS </td><td> </td></tr> <tr> <td> AFFECTED All Db2 Tools Users</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> KNOWLEDGE </td><td> </td></tr> <tr> <td> REQUIRED Db2 Tools Post Install Customization.</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> ACCESS 1. Db2 Tools Post Install</td><td> </td></tr> <tr> <td> REQUIRED 2. BIND Authority on Db2 subsystems</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> </table> ***** * STEPS TO PERFORM *	Utilities Common	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Check for Db2 for z/OS	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0	+-----+		Utility General Recovery	Version 20.0	+-----+		SEQUENCE After Apply		+-----+		PURPOSE Relink XMESSAGES		+-----+		USERS		AFFECTED All Db2 Tools Users		+-----+		KNOWLEDGE		REQUIRED Db2 Tools Post Install Customization.		+-----+		ACCESS 1. Db2 Tools Post Install		REQUIRED 2. BIND Authority on Db2 subsystems		+-----+	
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Service	Details
	***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).

Service	Details												
LU03742	LU03742 M.C.S. ENTRIES = ++PTF (LU03742) DISPLAY NEW PRODUCT VERSION STRING ENHANCEMENT DESCRIPTION: The specified Broadcom Utilities for Db2 for z/OS have been updated to display the Level Set value as the modification level (mm) in the new product version string (vv.rr.mm). Previously, the version string included only the product version and release number (vv.r). Now, the addition to the Level Set values helps you to better understand what maintenance level has been applied at your site. This enhancement affects the following product messages: PUT0000I, PFU0001I, PFC0053I, PFI0001I, PRR0001I, POR0178I. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Check for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 15479 Copyright (C) 2021 CA. All rights reserved. R01747-D200-SP1 DESC(DISPLAY NEW PRODUCT VERSION STRING). ++VER (Z038) FMID (CPFLK00) PRE (LU00301 LU01349 LU02243 LU03191 LU03210 LU03684 S000018 S001656 S006117 S008071 S009024 S011107 S011996 S012107 S012150 S012275 S012526 S013150 S013706 S014031 S015235 S015484) SUP (LT02821 LT03038 LT03742 ST11056 ST13122 ST15157) ++IF FMID(CINSK00) REQ(LU00283) . ++IF FMID(CPRRK00) REQ(LU03733) . ++IF FMID(CPUTK00) REQ(LU03734) . ++IF FMID(CUGRK00) REQ(LU03735) . ++IF FMID(CPFUK00) REQ(LU03732) .	Utilities Common	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Check for Db2 for z/OS	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0
Utilities Common	Version 20.0												
Fast Load for Db2 for z/OS	Version 20.0												
Fast Unload for Db2 for z/OS	Version 20.0												
Fast Check for Db2 for z/OS	Version 20.0												
Fast Index for Db2 for z/OS	Version 20.0												
Rapid Reorg for Db2 for z/OS	Version 20.0												

Service	Details
LU03749	LU03749 M.C.S. ENTRIES = ++PTF (LU03749) DISPLAY FULL VERSION STRING ENHANCEMENT DESCRIPTION: Log Analyzer batch process displays version information in format vv.rr.mm. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 15478 Copyright (C) 2021 CA. All rights reserved. R01748-D200-SP1 DESC(DISPLAY FULL VERSION STRING). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00238 LU00672 LU00882 LU00903 LU01040 LU01043 LU01869 LU01950 LU02062 LU02230 LU02381 LU02979 LU03250 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S006119 S008802 S009133 S009252 S010390 S010677 S011113 S011669 S012487 S012889 S012900 S013009 S013625 S014137 S015064) SUP (LT02767 LT03500 LT03749 LU02767 LU03500 S013224 ST13224) ++IF FMID(CINSK00) REQ(LU00283) . ++HOLD (LU03749) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (21337) COMMENT (<pre> +-----+ Log Analyzer for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All Db2 Tools Users +-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems +-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). CSECT(LAA@LOG,#@XFCALN) . </pre>

Service	Details
LU03759	LU03759 M.C.S. ENTRIES = ++PTF (LU03759) FAST RECOVER ABEND DURING FRL@TASK PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) abends in FRL@TASK when attempting to apply an image copy with dictionary pages with a high page number. SYMPTOMS: PFR0146E - MODULE FRL@TASK HAS ABENDED Error has Occurred in CSECT - FRA@DRI0 IMPACT: PFR abends during the recovery and the object is not recovered properly. CIRCUMVENTION: NONE. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 15117 Copyright (C) 2021 CA. All rights reserved. R01749-D200-SP1 DESC (FAST RECOVER ABEND DURING FRL@TASK) . ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00728 LU00973 LU02712 LU03214 S011083 S012155 S014568) SUP (LT01127 LT01534 LT03759 LU01127 LU01534)

Service	Details
LU03760	LU03760 M.C.S. ENTRIES = ++PTF (LU03760) SQL177/SQL238 SQL PARSE ERROR FOR VALID SQL PROBLEM DESCRIPTION: In Common SQL Services for Db2 for z/OS (SQ2), the SQL parser may generate a parsing error for valid SQL containing an XMLTABLE function. The error is only encountered if the PATH clause precedes the DEFAULT clause in the XML table regular column definition. SYMPTOMS: Varies across Broadcom products. RC/Migrator encountered the issue while processing a CREATE VIEW using automap because a view with an XMLTABLE function encountered an SQL parser error message: <pre>CREATE VIEW (.....) AS SELECT DISTINCT ID, TYPE_ID, X.* FROM CRTR.TESTDGSB, XMLTABLE ('\$R/TEST-DATA' PASSING TEST_DATA_XML AS "R" COLUMNS VERIFIED_DATE CHAR(26) PATH 'VERIFIED-DATE' DEFAULT '', FIRST_NAME CHAR(20) PATH 'NAME/FIRST-NAME' DEFAULT '', etc...) SQL177: Invalid token detected in CREATE VIEW statement after one of <subselect> WITH CHECK OPTION Expecting <end-of-statement> The SQL parser error messages can vary depending on the placement of the XMLTABLE within the SQL statements: SELECT * FROM XMLTABLE ('/A' PASSING XMLPARSE ('<A/>') COLUMNS C1 CHAR (5) PATH 'BVALUE' DEFAULT '12345') SQL238: LEXICAL Analysis has detected an invalid TOKEN. Expecting a WITH token or <end-of-statement>. IMPACT: The SQL parser is used by many products in various ways; specific impact may vary by product. CIRCUMVENTION: Reverse the clause order by placing the DEFAULT clause ahead of the PATH clause in the XML table regular column definition. See the following example: COLUMNS C1 CHAR (5) DEFAULT '12345' PATH 'BVALUE' PRODUCT(S) AFFECTED: Common SQL Services for Db2 for z/OS Version 1.0 Related Problem: SQ2 15434 Copyright (C) 2021 CA. All rights reserved. R00033-SQ2010-SP1</pre> DESC(SQL177/SQL238 SQL PARSE ERROR FOR VALID SQL). ++VER (Z038) FMID (CSQ2100) PRE (LU00565 R096102 R096495 R097090 R098041 R099899 S000849 S005308 S006494 S008576 S012501 S013982) SUP (LT01432 LT03760 LU01432 S008799 S015184 ST08799 ST15184)

Service	Details																		
LU03761	LU03761 M.C.S. ENTRIES = ++PTF (LU03761) PDA - DISPLAY NEW PRODUCT VERSION STRING ENHANCEMENT DESCRIPTION: Database Analyzer For Db2 for z/OS (PDA) has been updated to display the Level Set value as the modification level (mm) in the new product version string (vv.rr.mm). Previously, the PDA version string included only the product version and release number (vv.r). Now, the addition of the Level Set value helps you to better understand what maintenance level has been applied at your site. PRODUCT(S) AFFECTED: Database Analyzer For Db2 for z/OS Version 20.0 Related Problem: PDA 15291 Copyright (C) 2021 CA. All rights reserved. R01750-D200-SP1 DESC(PDA - DISPLAY NEW PRODUCT VERSION STRING). ++VER (Z038) FMID (CINSK00) PRE (LU00145 LU00283 LU00890 LU01625 LU02455 R097704 R099553 S000016 S003843 S004455 S009761 S010041 S011234 S013682 S014174 S015129 S016205) SUP (LT03717 LT03761) ++IF FMID(CPDAK00) REQ(LU03762) . ++HOLD (LU03761) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (21340) COMMENT (<table border="1"> <tr> <td>DB2 Common Components</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Bind Plans and Packages</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>Db2 Tools Post Install Customization</td></tr> <tr> <td>ACCESS</td><td>1. Db2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND, SYSADM or SYSCNTL on Db2 subsystem.</td></tr> </table> ***** * STEPS TO PERFORM * ***** 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 Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products.	DB2 Common Components	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE		REQUIRED	Db2 Tools Post Install Customization	ACCESS	1. Db2 Tools Post Install	REQUIRED	2. BIND, SYSADM or SYSCNTL on Db2 subsystem.
DB2 Common Components	Version 20.0																		
SEQUENCE	After Apply																		
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AFFECTED	All Users																		
KNOWLEDGE																			
REQUIRED	Db2 Tools Post Install Customization																		
ACCESS	1. Db2 Tools Post Install																		
REQUIRED	2. BIND, SYSADM or SYSCNTL on Db2 subsystem.																		

Service	Details
	IMPORTANT! If SYSVIEW for Db2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). CSECT (RAACATS,CLHKEYS,CLLKEYS,CONV_OUT) . CSECT (RAAMCTL,PDA2GLD,RSNCDCHK,DO#ESTAX,OWNCHECK,SBLDERR,ATTACH1, TASKMSG,MCTLVERC,MCTLEXTI,MCTLEXTM,SLIPTRAP,TABLE1) . CSECT (RAAPMRDR,@KEYWDTB,PDA#ZAPS) . CSECT (RAASBLD,SBLDESTA,HKEYS,LKEYS,DERIVEDF) .

Service	Details																		
LU03762	LU03762 M.C.S. ENTRIES = ++PTF (LU03762) PDA - DISPLAY NEW PRODUCT VERSION STRING ENHANCEMENT DESCRIPTION: Database Analyzer For Db2 for z/OS (PDA) has been updated to display the Level Set value as the modification level (mm) in the new product version string (vv.rr.mm). Previously, the PDA version string included only the product version and release number (vv.r). Now, the addition of the Level Set value helps you to better understand what maintenance level has been applied at your site. PRODUCT(S) AFFECTED: Database Analyzer For Db2 for z/OS Version 20.0 Related Problem: PDA 15291 Copyright (C) 2021 CA. All rights reserved. R01750-D200-SP1 DESC(PDA - DISPLAY NEW PRODUCT VERSION STRING). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00635 LU01981 LU02456 R099555 S000017 S004457 S007809 S009300 S009763 S009861 S013683 S014175) SUP (LT03718 LT03762 S009088 ST09088) ++IF FMID(CINSK00) REQ(LU00283 LU03761) . ++HOLD (LU03762) SYSTEM FMID(CPDAK00) REASON (DB2BIND) DATE (21340) COMMENT (<table border="1"> <tr> <td>Database Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Bind Plans and Packages</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>Db2 Tools Post Install Customization</td></tr> <tr> <td>ACCESS</td><td>1. Db2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND, SYSADM or SYSCNTL on Db2 subsystem.</td></tr> </table> ***** * STEPS TO PERFORM * ***** 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 Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products.	Database Analyzer for DB2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE		REQUIRED	Db2 Tools Post Install Customization	ACCESS	1. Db2 Tools Post Install	REQUIRED	2. BIND, SYSADM or SYSCNTL on Db2 subsystem.
Database Analyzer for DB2 for z/OS	Version 20.0																		
SEQUENCE	After Apply																		
PURPOSE	Bind Plans and Packages																		
USERS																			
AFFECTED	All Users																		
KNOWLEDGE																			
REQUIRED	Db2 Tools Post Install Customization																		
ACCESS	1. Db2 Tools Post Install																		
REQUIRED	2. BIND, SYSADM or SYSCNTL on Db2 subsystem.																		

Service	Details
	IMPORTANT! If 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> +-----+ Database Analyzer for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+ ACCESS 1. 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 Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.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 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.). CSECT(RAAUBPX,WORKTBLS). CSECT(RAAUBPY,WORKTBLS). </pre>

Service	Details
LU03788	LU03788 M.C.S. ENTRIES = ++PTF (LU03788) DSSIZE NOT GENERATED FOR LOB TABLESPACE WHEN OFS IS ACTIVE PROBLEM DESCRIPTION: When RC/Migrator for Db2 for z/OS (RCM) generates CREATE LOB TABLESPACE DDL, the DSSIZE clause is missing if the Db2 Version >= 'V12R1M504' or OFS is active. SYMPTOMS: The Create LOB tablespace DDL will be without the DSSIZE clause. IMPACT: The execution of the CREATE LOB TABLESPACE DDL will set the DSSIZE to system default. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 15531 Copyright (C) 2021 CA. All rights reserved. R01751-D200-SP1 DESC(DSSIZE NOT GENERATED FOR LOB TABLESPACE WHEN OFS IS ACTIVE). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03314 LU03657 R096576 R099553 S001396 S004455 S007807 S012361 S014832 S015804) SUP (LT03788 S015867 S016045 ST15867 ST16045)

Service	Details
LU03789	LU03789 M.C.S. ENTRIES = ++PTF (LU03789) SQLCODE -104 ISSUED WHEN ADDING A NEW COLUMN TO THE INDEX PROBLEM DESCRIPTION: RC/Update for DB2 for z/OS (RCU) may issue SQLCODE -104 when adding a new column to an index in a comma decimal subsystem. SYMPTOMS: DSNT408I SQLCODE = -104, ERROR: ILLEGAL SYMBOL ",408". IMPACT: The User will not be able to add a new column to the index. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCU 15425 Copyright (C) 2021 CA. All rights reserved. R01752-D200-SP1 DESC(SQLCODE -104 ISSUED WHEN ADDING A NEW COLUMN TO THE INDEX). ++VER (Z038) FMID (CINSK00) PRE (LU03657 R099553 S011866 S011966 S012361) SUP (LT03615 LT03789) ++HOLD (LU03789) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (21342) COMMENT (<pre> +-----+ DB2 Common Components Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. 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 Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.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 SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors </pre>

Service	Details
	first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).

Service	Details
LU03808	LU03808 M.C.S. ENTRIES = ++PTF (LU03808) FALSE DETECTOR COLLECTION TASK STALLED - MESSAGE PXM3205 PROBLEM DESCRIPTION: A Detector for Db2 for z/OS (PDT) collection may incorrectly detect a stalled collection task. This problem occurs when the PDT parmlib member specifies USECOLLTASKS (Y) prior to the start of the collection. SYMPTOMS: When USECOLLTASKS (Y) is specified, the following message is issued: PDT0196 DETECTOR COLLECTION TASK PARAMETERS IN USE: USECOLLTASKS=Y COLLTASKSCNT=01 USEZIIP=N. TASKS=01 DB2=D11B The following message is issued when a stalled collection task is detected. This message may be issued in error: PXM3205 DETECTOR COLLECTION TASK STALLED TSKNBR=00 REASON=01 DB2=D11B IMPACT: A dump is produced and the collection terminates. If the collection has been running long enough, it will restart automatically. CIRCUMVENTION: Specify USECOLLTASKS (N) in the PDT parmlib member if this problem persists. PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: PXM 15521 Copyright (C) 2021 CA. All rights reserved. R01753-D200-SP1 DESC (FALSE DETECTOR COLLECTION TASK STALLED - MESSAGE PXM3205) . ++VER (Z038) FMID (CINSK00) PRE (LU01978 R096576 R099979 S001396 S004455 S004756 S012924) SUP (LT03808) ++IF FMID(CPDTK00) REQ(LU03809) . ++HOLD (LU03808) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21342) COMMENT (<pre> +-----+ DB2 Common Components 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. REQUIRED +-----+-----+ </pre> *****

Service	Details
	<pre>* 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.). CSECT(PXMQUECC) .</pre>

Service	Details
LU03809	LU03809 M.C.S. ENTRIES = ++PTF (LU03809) FALSE DETECTOR COLLECTION TASK STALLED - MESSAGE PXM3205 PROBLEM DESCRIPTION: A Detector for Db2 for z/OS (PDT) collection may incorrectly detect a stalled collection task. This problem occurs when the PDT parmlib member specifies USECOLLTASKS (Y) prior to the start of the collection. SYMPTOMS: When USECOLLTASKS (Y) is specified, the following message is issued: PDT0196 DETECTOR COLLECTION TASK PARAMETERS IN USE: USECOLLTASKS=Y COLLTASKSCNT=01 USEZIIP=N. TASKS=01 DB2=D11B The following message is issued when a stalled collection task is detected. This message may be issued in error: PXM3205 DETECTOR COLLECTION TASK STALLED TSKNBR=00 REASON=01 DB2=D11B IMPACT: A dump is produced and the collection terminates. If the collection has been running long enough, it will restart automatically. CIRCUMVENTION: Specify USECOLLTASKS (N) in the PDT parmlib member if this problem persists. PRODUCT(S) AFFECTED: DB2 Common ComponentsVersion 20.0 Related Problem: PXM 15521 Copyright (C) 2021 CA. All rights reserved. R01753-D200-SP1 DESC(FALSE DETECTOR COLLECTION TASK STALLED - MESSAGE PXM3205) . ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00524 LU00549 LU00768 LU00938 LU01542 LU02944 LU03461 LU03710 R096580 R098429 S001400 S003942 S004458 S004757 S006116 S006334 S007810 S010521 S010908 S011694 S013889 S014338 S014397 S014782 S016174) SUP (LT03809) ++IF FMID(CINSK00) REQ(LU03808) . ++HOLD (LU03809) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21342) COMMENT (-----+ Detector for DB2 for z/OS

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.).</pre>

Service	Details
LU03813	LU03813 M.C.S. ENTRIES = ++PTF (LU03813) PT390W CONDITION_SQL_ERROR PARAMETER MISSING IN PDA PARMLIB PROBLEM DESCRIPTION: After applying PTF LU01626, the CONDITION_SQL_ERROR parameter in the PDA parmlib member cannot be modified using the Edit Parmlib Members (EP) option on the Database Management Solutions for DB2 Main Menu and warning message PT390W is issued. SYMPTOMS: 1. The following warning message is issued on the CA DATABASE ANALYZER main menu and the corresponding XMANAGER joblog when the CONDITION_SQL_ERROR parameter is missing from the PDA parmlib member: PT390W: MESSAGES ISSUED DURING PARMLIB PROCESSING. ENTER "STATUS" FOR DETAILS 2. Issuing the status command displays the following message: PDA INFORMATIONAL MESSAGE THAT ONE OR MORE PARM KEYWORDS WERE NOT FOUND. RETURN CODE SET MINIMALLY TO 4. PARMLIB MEMBER POSSIBLY FROM PREVIOUS RELEASE AND HAS NOT BEEN UPDATED. THIS IS NOT REQUIRED TO RUN PDA AS IT WILL USE DEFAULTS BUT IS HIGHLY RECOMMENDED. USE THE ON-LINE EDIT PARMLIB MEMBER FACILITY, OPTION E.EP OR EP FROM THE CA MAIN MENU, TO UPDATE THE PDA PARMLIB MEMBER. FIRST KEYWORD NOT FOUND WAS CONDITION_SQL_ERROR 3. Editing the PDA Parmlib member through the Edit Parmlib Members (EP) option will delete the CONDITION_SQL_ERROR parameter that is added manually. The default value (4) is used. IMPACT: The CONDITION_SQL_ERROR cannot be modified using the Edit Parmlib Members (EP) option. The Edit Parmlib Members option will delete the CONDITION_SQL_ERROR parameter if it was previously added manually. CIRCUMVENTION: Manually edit the CONDITION_SQL_ERROR parameter in the hlq.CDBAPARM(PDA): CONDITION SQL_ERROR(RR) The RR value is an integer (4-4095) that specifies the RC code to use when an SQL error is encountered. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 15468 Copyright (C) 2021 CA. All rights reserved. R01754-D200-SP1 DESC(PT390W CONDITION_SQL_ERROR PARAMETER MISSING IN PDA PARMLIB). ++VER (Z038) FMID (CINSK00) PRE (LU00145 S014174) SUP (LT03813) ++IF FMID(CPDAK00) REQ(LU03814) .

Service	Details
LU03814	LU03814 M.C.S. ENTRIES = ++PTF (LU03814) PT390W CONDITION_SQL_ERROR PARAMETER MISSING IN PDA PARMLIB PROBLEM DESCRIPTION: After applying PTF LU01626, the CONDITION_SQL_ERROR parameter in the PDA parmlib member cannot be modified using the Edit Parmlib Members (EP) option on the Database Management Solutions for DB2 Main Menu and warning message PT390W is issued. SYMPTOMS: 1. The following warning message is issued on the CA DATABASE ANALYZER main menu and the corresponding XMANAGER joblog when the CONDITION_SQL_ERROR parameter is missing from the PDA parmlib member: PT390W: MESSAGES ISSUED DURING PARMLIB PROCESSING. ENTER "STATUS" FOR DETAILS 2. Issuing the status command displays the following message: PDA INFORMATIONAL MESSAGE THAT ONE OR MORE PARM KEYWORDS WERE NOT FOUND. RETURN CODE SET MINIMALLY TO 4. PARMLIB MEMBER POSSIBLY FROM PREVIOUS RELEASE AND HAS NOT BEEN UPDATED. THIS IS NOT REQUIRED TO RUN PDA AS IT WILL USE DEFAULTS BUT IS HIGHLY RECOMMENDED. USE THE ON-LINE EDIT PARMLIB MEMBER FACILITY, OPTION E.EP OR EP FROM THE CA MAIN MENU, TO UPDATE THE PDA PARMLIB MEMBER. FIRST KEYWORD NOT FOUND WAS CONDITION_SQL_ERROR 3. Editing the PDA Parmlib member through the Edit Parmlib Members (EP) option will delete the CONDITION_SQL_ERROR parameter that is added manually. The default value (4) is used. IMPACT: The CONDITION_SQL_ERROR cannot be modified using the Edit Parmlib Members (EP) option. The Edit Parmlib Members option will delete the CONDITION_SQL_ERROR parameter if it was previously added manually. CIRCUMVENTION: Manually edit the CONDITION_SQL_ERROR parameter in the hlq.CDBAPARM(PDA): CONDITION SQL_ERROR(RR) The RR value is an integer (4-4095) that specifies the RC code to use when an SQL error is encountered. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 15468 Copyright (C) 2021 CA. All rights reserved. R01754-D200-SP1 DESC(PT390W CONDITION_SQL_ERROR PARAMETER MISSING IN PDA PARMLIB). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 S014175) SUP (LT03814) ++IF FMID(CINSK00) REQ(LU03813) .

Service	Details
LU03827	LU03827 M.C.S. ENTRIES = ++PTF (LU03827) INCORRECTLY PRINTED MESSAGE CAS9180E FOR PRODUCT PD PROBLEM DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) incorrectly prints a message regarding an invalid LMP key in the job log and the system log. The problem occurs after applying PTF LU03578. SYMPTOMS: The following message is printed in the PFU job log and the system log: CAS9180E - CPU xxxxxx Requires a LMP key to run Prod (PD) IMPACT: Incorrectly printed error message. The job ends successfully. CIRCUMVENTION: Ignore the message. PRODUCT(S) AFFECTED: Fast Unload for Db2 for z/OS Version 20.0 Related Problem: PFU 15547 Copyright (C) 2021 CA. All rights reserved. R01756-D200-SP1 DESC(INCORRECTLY PRINTED MESSAGE CAS9180E FOR PRODUCT PD). ++VER (Z038) FMID (CPFUK00) PRE (LU03232 LU03578 LU03732 R099558 S000019 S001402 S004460 S014984 S016195) SUP (AL03578 LT03827)

Service	Details																																				
LU03838	LU03838 M.C.S. ENTRIES = ++PTF (LU03838) REORG ON PBR WITH PAGENUM RELATIVE MISSING PART LVL DATASETS PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), the generated REORG utility statements do not include partition level datasets when the Partitioned by Range tablespace uses PAGENUM 'RELATIVE'. SYMPTOMS: The dataset names generated for PTIUNLD, PTIPUNCH and PTICOPY will be missing 'P&PA' from the generated REORG utility statement. The execution of the REORG will fail with the following message: DSNU2922I 315 08:55:54.82 DSNURORG - PARTITION LEVEL INLINE DATASETS ARE NOT SPECIFIED IMPACT: The User will not be able to REORG the PBR tablespace when the PAGENUM is 'RELATIVE'. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 15404 Copyright (C) 2021 CA. All rights reserved. R01757-D200-SP1 DESC(REORG ON PBR WITH PAGENUM RELATIVE MISSING PART LVL DATASETS). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU00914 LU03657 R097704 R099553 S001396 S004455 S004718 S006113 S006863 S007379 S007807 S008957 S009105 S011966 S012361 S012933 S013193 S015804) SUP (LT01265 LT03603 LT03838 LU01265 S013814 ST13814) ++HOLD (LU03838) SYSTEM FMID(CINSK00) REASON (ACTION) DATE (21350) COMMENT (<table> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> DB2 Common Components</td><td> Version 20.0 </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> SEQUENCE </td><td> After Apply </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> PURPOSE </td><td> To allocate imagecopy partitioned datasets as part of </td></tr> <tr> <td> </td><td> REORG utility when generating REORG for PBR with </td></tr> <tr> <td> </td><td> PAGENUM RELATIVE. </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> USERS </td><td> Any user of RC/Migrator that manages PBR tablespaces </td></tr> <tr> <td> AFFECTED </td><td> that are PAGENUM RELATIVE. </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> KNOWLEDGE </td><td> Basic knowledge of POST-INSTALL process used to install </td></tr> <tr> <td> REQUIRED </td><td> a new model services model. </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> ACCESS </td><td> Product runtime libraries and access to the model services </td></tr> <tr> <td> REQUIRED </td><td> table. </td></tr> <tr> <td colspan="2">+-----+</td></tr> </table> *****	+-----+		DB2 Common Components	Version 20.0	+-----+		SEQUENCE	After Apply	+-----+		PURPOSE	To allocate imagecopy partitioned datasets as part of		REORG utility when generating REORG for PBR with		PAGENUM RELATIVE.	+-----+		USERS	Any user of RC/Migrator that manages PBR tablespaces	AFFECTED	that are PAGENUM RELATIVE.	+-----+		KNOWLEDGE	Basic knowledge of POST-INSTALL process used to install	REQUIRED	a new model services model.	+-----+		ACCESS	Product runtime libraries and access to the model services	REQUIRED	table.	+-----+	
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DB2 Common Components	Version 20.0																																				
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ACCESS	Product runtime libraries and access to the model services																																				
REQUIRED	table.																																				
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Service	Details
	<pre>* STEPS TO PERFORM * ***** The following needs to be done: 1 Now load the new hlq.CDBASAMP(RMMODTXT) into your model tables using the POST INSTALL task option: 'Load and Customize the Model Services Table'. 2 This will generate a JCL job named hlq.CDBASAMP(ssid1325) 3 Execute the JCL to generate a new model which will include the updated REORG utility. 4 Re-analyze the strategy using the new model to generate the REORG for PBR with PAGENUM RELATIVE.).</pre>

Service	Details												
LU03846	LU03846 M.C.S. ENTRIES = ++PTF (LU03846) SOC7 AFTER A FAILED INDEX PARTITION LOAD PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) abends with an SOC7 code in the UTLGLRI2 module after issuing the following message message when an index partition load fails and OUTPUT-CONTROL ALL, UPDATE-CATSTATS ALL are specified: PUT2104E - Number of pages exceeds maximum allowed for Index 2. PFL doesn't generate the PRESORT keyword for IBM LOAD when IBM harnessing is being used with RECLUSTER YES and Db2's PH23105 APAR is installed. SYMPTOMS: 1. SOC7 abend. 2. Missing PRESORT keyword. IMPACT: 1. PFL fails to process other index partitions. 2. The load doesn't presort the data. CIRCUMVENTION: 1. Correct the index space error and rerun the job. 2. None. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 15556 Copyright (C) 2021 CA. All rights reserved. R01758-D200-SP1 DESC(SOC7 AFTER A FAILED INDEX PARTITION LOAD). ++VER (Z038) FMID (CPFLK00) PRE (LU00136 LU00724 LU01720 LU02243 LU03191 LU03231 LU03577 R096581 R097708 S000018 S000704 S001656 S004275 S004459 S004857 S005012 S006117 S007170 S007811 S008428 S009024 S009900 S009977 S010195 S011601 S011946 S011996 S012128 S012150 S012275 S012526 S012984 S013097 S013203 S013765 S014772 S015312 S015484 S015938 S016089) SUP (LT03846 ST15281 ST15288) ++IF FMID(CPUTK00) REQ(LU03847) . ++IF FMID(CINSK00) REQ(LU03907) . ++HOLD (LU03846) SYSTEM FMID(CPFLK00) REASON (MSGSKEL) DATE (21350) COMMENT (<table> <tr> <td>Fast Load 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 Db2 Tools Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> </table>	Fast Load for DB2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Relink XMESSAGES	USERS		AFFECTED	All Db2 Tools Users	KNOWLEDGE	
Fast Load for DB2 for z/OS	Version 20.0												
SEQUENCE	After Apply												
PURPOSE	Relink XMESSAGES												
USERS													
AFFECTED	All Db2 Tools Users												
KNOWLEDGE													

Service	Details
	<pre> REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. 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 (FLA\$ARLD,#@XFCALR) . </pre>

Service	Details
LU03847	LU03847 M.C.S. ENTRIES = ++PTF (LU03847) SOC7 AFTER A FAILED INDEX PARTITION LOAD PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) abends with an SOC7 code in the UTLGLRI2 module after issuing the following message message when an index partition load fails and OUTPUT-CONTROL ALL, UPDATE-CATSTATS ALL are specified: PUT2104E - Number of pages exceeds maximum allowed for Index 2. PFL doesn't generate the PRESORT keyword for IBM LOAD when IBM harnessing is being used with RECLUSTER YES and Db2's PH23105 APAR is installed. SYMPTOMS: 1. SOC7 abend. 2. Missing PRESORT keyword. IMPACT: 1. PFL fails to process other index partitions. 2. The load doesn't presort the data. CIRCUMVENTION: 1. Correct the index space error and rerun the job. 2. None. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Related Problem: PFL 15556 Copyright (C) 2021 CA. All rights reserved. R01758-D200-SP1 DESC(SOC7 AFTER A FAILED INDEX PARTITION LOAD). ++VER (Z038) FMID (CPUTK00) PRE (LU00194 LU00248 LU00727 LU03192 LU03323 S000024 S008072 S008380 S008429 S008586 S009978 S011521 S011999 S012153 S012529 S013098 S013205 S013767 S014773 S015486 S015740 S016090) SUP (LT03168 LT03187 LT03847 LU03187 ST08364) ++IF FMID(CINSK00) REQ(LU03907) . ++IF FMID(CPFLK00) REQ(LU03846) .

Version 20.0

Service	Details
LU03856	LU03856 M.C.S. ENTRIES = ++PTF (LU03856) RECOVERY ANALYSIS ENDS WITH A SOC4 ABEND IN RML@REC PROBLEM DESCRIPTION: When using RC/Migrator for Db2 for z/OS (RCM) to analyze a strategy with Recovery analysis option, the analysis may end with a SOC4 abend with a reason code 4 if the strategy includes table and trigger objects. SYMPTOMS: <pre> RMA365E ***** RMA365E * RMA365E * RC/MIGRATOR ANALYSIS ABEND HAS OCCURED RMA365E * RMA@ESTA GENERAL PURPOSE ESTAE EXIT ENTERED RMA365E * RMA365E * ABEND CODE WAS:SOC4. REASON CODE WAS: 00000004 RMA365E * RMA365E * ABEND OCCURED IN RC/MIGRATOR MODULE: RML@REC RMA365E * UNABLE TO DETERMINE ABENDING CSECT RMA365E * MODULE LOAD ADDRESS: 119BE000 RMA365E * MODULE ENTRY ADDRESS: 119F2C50 RMA365E * MODULE LENGTH: 00085000 RMA365E * RMA@ESTA GENERAL PURPOSE ESTAE EXIT EXITING RMA365E * RMA365E ***** SYSTEM COMPLETION CODE=0C4 REASON CODE=00000004 TIME=06.46.10 SEQ=59173 CPU=0000 ASID=0333 PSW AT TIME OF ERROR 078D3000 BC73B66E ILC 6 INTC 04 ACTIVE MODULE ADDRESS=00000000_3C724000 OFFSET=0001766E NAME=RML@REC DATA AT PSW 3C73B668 - D70311B4 11B4A7FE 00014770 IMPACT: The strategy analysis using Recovery will not be successful. CIRCUMVENTION: Run without the Recovery analysis option. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Related Problem: RCM 15561 Copyright (C) 2021 CA. All rights reserved. R01759-D200-SP1 DESC(RECOVERY ANALYSIS ENDS WITH A SOC4 ABEND IN RML@REC). ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 LU03142 LU03657 R097704 R099553 S000016 S001396 S004455 S004718 S006113 S006638 S006863 S007379 S009105 S010974 S011691 S011966 S012361 S012933 S013154 S014832 S015804) SUP (LT03391 LT03856 LU03391 S009790 S010815 ST09790 ST10815) CSECT(RMA@SNAP,#@XFCALN,SNAPD). </pre>

Version 20.0

Service	Details																		
LU03859	LU03859 M.C.S. ENTRIES = ++PTF (LU03859) PFR AND PMM SUPPORT FOR FL508 ICTYPE='A' TTYPE='M' ENHANCEMENT DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) and Merge/Modify for Db2 for z/OS (PMM) can identify objects with FL508 ICTYPE='A' and TTYPE='M' SYSCOPY records, and will not allow recovery or accumulation to an RBA lower than the START_RBA of the ICTYPE='A' and TTYPE='M' row. 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 15541 Copyright (C) 2021 CA. All rights reserved. R01760-D200-SP1 DESC(PFR AND PMM SUPPORT FOR FL508 ICTYPE='A' TTYPE='M'). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00728 LU01292 LU03186 LU03235 R096595 R099574 S000029 S000788 S001660 S001855 S004251 S004475 S006132 S006879 S007826 S007905 S008280 S008833 S009742 S009748 S009903 S010165 S010818 S012155 S012352 S013130 S013206 S014568) SUP (LT02385 LT03859 LU02385) ++HOLD (LU03859) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (21348) COMMENT (<table border="1"> <tr> <td>Utility General Recovery</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 Db2 Tools Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>Db2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. 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. 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.).	Utility General Recovery	Version 20.0	SEQUENCE	After Apply	PURPOSE	Relink XMESSAGES	USERS		AFFECTED	All Db2 Tools Users	KNOWLEDGE		REQUIRED	Db2 Tools Post Install Customization.	ACCESS	1. Db2 Tools Post Install	REQUIRED	2. BIND Authority on Db2 subsystems
Utility General Recovery	Version 20.0																		
SEQUENCE	After Apply																		
PURPOSE	Relink XMESSAGES																		
USERS																			
AFFECTED	All Db2 Tools Users																		
KNOWLEDGE																			
REQUIRED	Db2 Tools Post Install Customization.																		
ACCESS	1. Db2 Tools Post Install																		
REQUIRED	2. BIND Authority on Db2 subsystems																		

Service	Details
LU03869	LU03869 M.C.S. ENTRIES = ++PTF (LU03869) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem for CVE 2021-44228. Log4j was upgraded to 2.15.0. SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: INS 15593 Copyright (C) 2021 CA. All rights reserved. R01761-D200-SP1 DESC (SECURITY OR INTEGRITY PROBLEM) . ++VER (Z038) FMID (CINSK00) PRE (LU01610 LU02808 S001396 S006978 S008825 S010061 S011373 S013484 S014401) SUP (AL02808 AL03629 LT03629 LT03869 LU03629 S011679 ST11679) LINK(' ../PXM/ds/dbm-ds.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(PXMDSSMP,PRE) .

Service	Details
LU03878	LU03878 M.C.S. ENTRIES = ++PTF (LU03878) SOC3 ABEND WHEN A STRATEGY INCLUDE FUNCTIONS PROBLEM DESCRIPTION: When using RC/Migrator for DB2 for z/OS (RCM) to analyze a strategy, the analysis may end with a SOC3 abend. Also, RC/Migrator for DB2 for z/OS (RCM) or RC/Update for DB2 for z/OS (RCU) may issue sqlcode -104 if you select a procedure or function for alter. SYMPTOMS: RMA365E ***** RMA365E * * RMA365E * RC/MIGRATOR ANALYSIS ABEND HAS OCCURED * RMA365E * RMA@ESTA GENERAL PURPOSE ESTAE EXIT ENTERED * RMA365E * * RMA365E * ABEND CODE WAS:SOC3. REASON CODE WAS: 00000003 * RMA365E * * RMA365E * ABEND OCCURED IN RC/MIGRATOR MODULE: RML@BLDC * RMA365E * UNABLE TO DETERMINE ABENDING CSECT * RMA365E * MODULE LOAD ADDRESS: 3D843000 * RMA365E * MODULE ENTRY ADDRESS: 3D88E328 * RMA365E * MODULE LENGTH: 00177000 * RMA365E * RMA@ESTA GENERAL PURPOSE ESTAE EXIT EXITING * RMA365E * * RMA365E ***** IEA995I SYMPTOM DUMP OUTPUT 126 SYSTEM COMPLETION CODE=0C3 REASON CODE=00000003 TIME=17.06.32 SEQ=10014 CPU=0000 ASID=0346 PSW AT TIME OF ERROR 078D2000 BD8AB138 ILC 4 INTC 03 ACTIVE MODULE ADDRESS=00000000_3D843000 OFFSET=00068138 NAME=RML@BLDC DATA AT PSW 3D8AB132 - C2E84400 C2E447F0 C41C5880 For the second problem, the message is as follows: DSNT408I SQLCODE = -104 IMPACT: The strategy analysis using Recovery will not be successful. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 15592 Copyright (C) 2021 CA. All rights reserved. R01762-D200-SP1 DESC(SOC3 ABEND WHEN A STRATEGY INCLUDE FUNCTIONS). ++VER (Z038) FMID (CINSK00) PRE (LU03657 R099553 S004455 S004718 S007379 S011866 S011966 S012361 S012933) SUP (LT03878) ++HOLD (LU03878) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (21350) COMMENT (+-----+

Service	Details		
		DB2 Common Components	Version 20.0
	+-----+-----+-----+		
	SEQUENCE	After Apply	
	+-----+-----+-----+		
	PURPOSE	Bind Plans and Packages	
	+-----+-----+-----+		
	USERS		
	AFFECTED	All Users	
	+-----+-----+-----+		
	KNOWLEDGE		
	REQUIRED	Db2 Tools Post Install Customization.	
	+-----+-----+-----+		
	ACCESS	1. 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 Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.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 SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.		
	).		

Service	Details
LU03879	LU03879 M.C.S. ENTRIES = ++PTF (LU03879) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem for CVE 2021-44228. Log4j was upgraded to 2.15.0. SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: INS 15599 Copyright (C) 2021 CA. All rights reserved. R01763-D200-SP1 DESC (SECURITY OR INTEGRITY PROBLEM) . ++VER (Z038) FMID (CINSK00) PRE (S001396 S007807 S008825 S010061 S012323 S013484) SUP (AL03417 LT03417 LT03879 LU03417 S014168 S014491 S015122 ST11667 ST14168 ST14491 ST15122) LINK(' ../PDT/ui/mtc-dbm.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT (PDTAAMKD,PRE) .

Service	Details
LU03907	LU03907 M.C.S. ENTRIES = ++PTF (LU03907) SOC7 AFTER A FAILED INDEX PARTITION LOAD PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) abends with an SOC7 code in the UTLGLRI2 module after issuing the following message message when an index partition load fails and OUTPUT-CONTROL ALL, UPDATE-CATSTATS ALL are specified: PWT2104E - Number of pages exceeds maximum allowed for Index 2. PFL doesn't generate the PRESORT keyword for IBM LOAD when IBM harnessing is being used with RECLUSTER YES and Db2's PH23105 APAR is installed. SYMPTOMS: 1. SOC7 abend. 2. Missing PRESORT keyword. IMPACT: 1. PFL fails to process other index partitions. 2. The load doesn't presort the data. CIRCUMVENTION: 1. Correct the index space error and rerun the job. 2. None. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 15556 Copyright (C) 2021 CA. All rights reserved. R01758-D200-SP1 DESC(SOC7 AFTER A FAILED INDEX PARTITION LOAD). ++VER (Z038) FMID (CINSK00) PRE (S007807 S011430) SUP (LT03907) ++IF FMID(CPUTK00) REQ(LU03847) . ++IF FMID(CPFLK00) REQ(LU03846) .

Service	Details		
LU03917	LU03917 M.C.S. ENTRIES = ++PTF (LU03917)		
	PDT0216 DYNAMIC COLLECTION S13E ABEND INCURRED/TERMINATION		
	PROBLEM DESCRIPTION:		
	Detector for Db2 for z/OS (PDT) collection may end with message		
	PDT0216.		
	SYMPTOMS:		
	The following message is written to the Xmanager log:		
	PDT0216 DYNAMIC COLLECTION S13E ABEND INCURRED/TERMINATION		
	The Detector collection also terminates.		
	IMPACT:		
	The collection termination can result in loss of data.		
	CIRCUMVENTION:		
	N/A		
	PRODUCT(S) AFFECTED:		
	Detector for Db2 for z/OS		Version 20.0
	Related Problem:		
	PDT 15471		
	Copyright (C) 2021 CA. All rights reserved. R01767-D200-SP1		
	DESC(PDT0216 DYNAMIC COLLECTION S13E ABEND INCURRED/TERMINATION).		
	++VER (Z038)		
	FMID (CPDTK00)		
	PRE (LU00124 LU00176 LU00240 LU00329 LU00402 LU00524		
	LU00549 LU00684 LU00768 LU00938 LU01002 LU01215		
	LU01393 LU01467 LU01542 LU01841 LU01933 LU02108		
	LU02220 LU02290 LU02554 LU02706 LU02796 LU02944		
	LU03093 LU03710 LU03809 R096168 R096580 R097707		
	R098429 R099556 R099946 S000263 S000423 S001400		
	S003942 S004458 S004757 S006116 S006334 S006838		
	S006865 S007810 S007988 S008129 S008323 S008446		
	S008789 S009044 S009065 S009239 S009811 S009828		
	S010018 S010492 S010521 S010538 S010652 S010908		
	S011694 S011983 S012131 S012429 S012538 S012921		
	S013450 S013655 S013761 S013887 S013889 S014235		
	S014338 S014397 S014680 S014782 S015073 S015395		
	S015499 S015573 S015723 S015843 S015927 S016113		
	S016174)		
	SUP (AL02944 LT00307 LT01214 LT01903 LT01956 LT02217		
	LT03386 LT03406 LT03419 LT03461 LT03897 LT03915		
	LT03917 LU03386 LU03406 LU03461 ST07220 ST10536)		
	++IF FMID(CPSAK00) REQ(LU03918) .		
	++HOLD (LU03917) SYSTEM FMID(CPDTK00)		
	REASON (RESTART) DATE (21351)		
	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.		

Service	Details
	<pre> 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. 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.).</pre>

Service	Details	
LU03918	LU03918 M.C.S. ENTRIES = ++PTF (LU03918) PDT0216 DYNAMIC COLLECTION S13E ABEND INCURRED/TERMINATION PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) collection may end with message PDT0216. SYMPTOMS: The following message is written to the Xmanager log: PDT0216 DYNAMIC COLLECTION S13E ABEND INCURRED/TERMINATION The Detector collection also terminates. IMPACT: The collection termination can result in loss of data. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 15471 Copyright (C) 2021 CA. All rights reserved. R01767-D200-SP1 DESC(PDT0216 DYNAMIC COLLECTION S13E ABEND INCURRED/TERMINATION). ++VER (Z038) FMID (CPSAK00) PRE (LU01543 LU03601 R097716 R098430 S000871 S004468 S006335 S009267 S010867 S011695 S012926) SUP (LT03898 LT03916 LT03918 ST10535 ST10810 ST10863 ST10905 ST13777 TR98368) ++IF FMID(CPDTK00) REQ(LU03917) . ++HOLD (LU03918) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (21351) COMMENT (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. Db2 Tools Installation and Maintenance procedures. ACCESS 1. Product runtime libraries. REQUIRED ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections.	

Service	Details
	2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).

Service	Details
LU03923	LU03923 M.C.S. ENTRIES = ++PTF (LU03923) OFS - CREATE OR REPLACE STORED PROCEDURE ENHANCEMENT DESCRIPTION: OFS (Object Framework Services) has been enhanced to support the generation and parsing of the CREATE OR REPLACE clause in native stored procedures. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: OFS 15227 Copyright (C) 2021 CA. All rights reserved. R01769-D200-SP1 DESC(OFS - CREATE OR REPLACE STORED PROCEDURE) . ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU00925 LU01039 LU01106 LU01978 LU02279 LU03314 LU03657 R096576 R097704 R099553 S001396 S004455 S004718 S006638 S007379 S007807 S008434 S008662 S009105 S010004 S011691 S011866 S011966 S012361 S012650 S012933 S013484 S014125 S014832 S015804 S016132) SUP (AS07379 LT00368 LT00613 LT03788 LT03923 LU00368 LU00613 LU03788 S007774 S009125 S009602 S009892 S013273 S015449 S015867 S016045 ST07774 ST09125 ST09565 ST09602 ST09892 ST13273 ST15449 ST15867 ST16045) ++IF FMID(COFSK00) REQ(LU03924) . ++IF FMID(CPLAK00) REQ(LU03925) . ++IF FMID(CRCXK00) REQ(LU03926) .

Service	Details
LU03924	LU03924 M.C.S. ENTRIES = ++PTF (LU03924) OFS - CREATE OR REPLACE STORED PROCEDURE ENHANCEMENT DESCRIPTION: OFS (Object Framework Services) has been enhanced to support the generation and parsing of the CREATE OR REPLACE clause in native stored procedures. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: OFS 15227 Copyright (C) 2021 CA. All rights reserved. R01769-D200-SP1 DESC(OFS - CREATE OR REPLACE STORED PROCEDURE) . ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU03315 LU03659 R096577 R099554 S001397 S006114 S006864 S007380 S007808 S008663 S012412 S015225 S015440) SUP (LT01273 LT03924) ++IF FMID(CPLAK00) REQ(LU03925) . ++IF FMID(CRCXK00) REQ(LU03926) . ++IF FMID(CINSK00) REQ(LU03923) .

Service	Details
LU03925	LU03925 M.C.S. ENTRIES = ++PTF (LU03925) OFS - CREATE OR REPLACE STORED PROCEDURE ENHANCEMENT DESCRIPTION: OFS (Object Framework Services) has been enhanced to support the generation and parsing of the CREATE OR REPLACE clause in native stored procedures. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: OFS 15227 Copyright (C) 2021 CA. All rights reserved. R01769-D200-SP1 DESC(OFS - CREATE OR REPLACE STORED PROCEDURE) . ++VER (Z038) FMID (CPLAK00) PRE (LU00672 LU01043 LU02230 LU02381 LU03250 LU03282 LU03316 LU03660 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S008802 S009083 S009133 S010677 S011113 S011419 S011669 S012797 S012889 S012900 S013009 S013625 S013879 S014137 S014142 S014613 S014866 S015220) SUP (LT02213 LT03925 LU02213 S014949 ST14924 ST14949) ++IF FMID(COFSK00) REQ(LU03924) . ++IF FMID(CRCXK00) REQ(LU03926) . ++IF FMID(CINSK00) REQ(LU03923) . CSECT(LAA@DOFS,#@XFCALR) .

Service	Details
LU03926	LU03926 M.C.S. ENTRIES = ++PTF (LU03926) OFS - CREATE OR REPLACE STORED PROCEDURE ENHANCEMENT DESCRIPTION: OFS (Object Framework Services) has been enhanced to support the generation and parsing of the CREATE OR REPLACE clause in native stored procedures. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: OFS 15227 Copyright (C) 2021 CA. All rights reserved. R01769-D200-SP1 DESC(OFS - CREATE OR REPLACE STORED PROCEDURE) . ++VER (Z038) FMID (CRCXK00) PRE (LU00411 LU00450 LU03318 LU03664 R099572 R099853 S007384 S009110 S011079 S011971 S012366 S012937 S015807) SUP (LT03926) ++IF FMID(COFSK00) REQ(LU03924) . ++IF FMID(CPLAK00) REQ(LU03925) . ++IF FMID(CINSK00) REQ(LU03923) .

Service	Details
LU03929	LU03929 M.C.S. ENTRIES = ++PTF (LU03929) EXCEPTION SYSTEM DISTSERV INCLUSION/EXCLUSION BY CORRID PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) allows specification of EXCEPTION-INCLUDE and EXCEPTION-EXCLUDE entries in the THREAD GROUPS data set, which allows for filtering of application exceptions that use plan name DISTSERV, by CORRELATION-ID. SYMPTOMS: None. IMPACT: Application exceptions for plan DISTSERV can be better controlled. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 15469 Copyright (C) 2021 CA. All rights reserved. R01770-D200-SP1 DESC(EXCEPTION SYSTEM DISTSERV INCLUSION/EXCLUSION BY CORRID) . ++VER (Z038) FMID (CIDBK00) PRE (LU00282 LU00545 LU00697 LU01175 LU01977 LU02033 LU02118 LU02340 LU02634 LU02642 LU02646 LU03091 LU03435 R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010906 S011616 S012769 S013557 S013891 S014099 S014754 S015070 S015647 S016300) SUP (AL02340 LT00159 LT01845 LT02439 LT02708 LT03929 LU00159 LU01845 LU02439 LU02708) ++HOLD (LU03929) SYSTEM FMID(CIDBK00) REASON (DOC) DATE (21354) COMMENT (<pre> +-----+ SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 +-----+ ***** * PUBLICATION * ***** Two new entry types are available in the Thread Groups data set. (See the chapter "Define Thread Groups".) EXCEPTION-EXCLUDE - Defines a list of Correlation IDs that should not be evaluated by an application exception for plan name DISTSERV. EXCEPTION-INCLUDE - Defines a list of Correlation IDs that should be evaluated by Application Exception for plan name DISTSERV, while ignoring all other correlation IDs. Correlation IDs must be an exact match. Lower case correlation IDs must be in single quotes. Masking is not allowed. Example Definition: </pre>

Service	Details
	DEFINE EXCEPTION-EXCLUDE EXCP0000 DESC 'EXCLUSIONS FOR DISTSERV PLAN EXCEPTIONS' FIELD CORRELATION-ID VALUE JOBXYZ12 VALUE 'db2jcc_appli' This entry will only be evaluated if an application exception exists for plan name DISTSERV (fully qualified, not masked).). CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) . CSECT (NGR1044C,NGR1044,NGAPMFLD) . CSECT (NGR1044C,NGR1044,NGAPMFLD) . CSECT (NGR1044C,NGR1044,NGAPMFLD) .

Service	Details
LU03935	LU03935 M.C.S. ENTRIES = ++PTF (LU03935) TS-UA REPORT FAILS WHEN USING EQF PROBLEM DESCRIPTION: In RC/Query for DB2 for z/OS (RCQ), the Extended Query Facility (EQF) does not work with the Tablespace User Auth (TS-UA) report. SYMPTOMS: The TS-UA report fails with a -199 SQL error when using the Extended Query Facility (EQF). IMPACT: EQF does not work for the TS-UA report. CIRCUMVENTION: Do not use EQF with the TS-UA report. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 15572 Copyright (C) 2021 CA. All rights reserved. R01768-D200-SP1 DESC(TS-UA REPORT FAILS WHEN USING EQF). ++VER (Z038) FMID (CRCQK00) PRE (R099569) SUP (LT03935) ++HOLD (LU03935) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (21351) COMMENT (<pre> +-----+ RC/Query for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. 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 Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.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 SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the </pre>

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

Service	Details
LU03952	LU03952 M.C.S. ENTRIES = ++PTF (LU03952) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. For more details access Security Advisors using the following URL: support.broadcom.com/security-advisory/security-advisories-list.html Broadcom recommends that you subscribe to notifications for Security Advisories for the associated products that you support in your organization. Please use the following URL to register for proactive notifications: https://support.broadcom.com/user/notifications.html SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: INS 15638 Copyright (C) 2021 CA. All rights reserved. R01771-D200-SP1 DESC (SECURITY OR INTEGRITY PROBLEM) . ++VER (Z038) FMID (CINSK00) PRE (S001396 S007807 S008825 S010061 S012323 S013484) SUP (AL03417 AL03879 LT03417 LT03879 LT03952 LU03417 LU03879 S014168 S014491 S015122 ST11667 ST14168 ST14491 ST15122) LINK ('../PDT/ui/mtc-dbm.war') PARM (PATHMODE (0,7,7,5)) SHSCRIPT (PDTAAMKD,PRE) .

Service	Details
LU03953	LU03953 M.C.S. ENTRIES = ++PTF (LU03953) ABEND OC4 WHEN EXECUTING IN CROSS-SPACE MEMORY MODE PROBLEM DESCRIPTION: The Execution Manager "Xmanager" for Db2 for z/OS (PXM) may incur an SOC4 ABEND in the user address space when a TCB sends a specific request to the Xmanager address space in cross-space memory mode. SYMPTOMS: The following messages appear in the user address space: PXM0800 ABEND INCURRED/RETRY IN PROGRESS PXM0810 CA/XMANAGER RECOVERY IN PROGRESS (TCB 0079FE88) PXM0811 PSW: 078C4000 BB122E26 LMOD: BPXWREXX OFFSET: 00016E26 ABEND: SOC4 PXM0801 ABEND INCURRED/RETRY SUCCESSFUL followed by the message: DT002E: Xmanager is not active, request ignored IMPACT: Cannot execute a specific request in cross-space memory mode. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: DBM Solutions for Db2 for z/OS Base Install

Service	Details
	To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.). CSECT(XM\$ZLICC).

Service	Details
LU03954	LU03954 M.C.S. ENTRIES = ++PTF (LU03954) SOC4 ABEND IN LMOD NAINSTMM WHEN XNET USER IS DISCONNECTED PROBLEM DESCRIPTION: When an Xnet user is disconnected while starting a request, the SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) data collector may abend with SOC4. SYMPTOMS: Abend SOC4 in LMOD NAINSTMM. The IQL request is stopped. IMPACT: The IQL request needs to be restarted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 15298 Copyright (C) 2021 CA. All rights reserved. R01773-D200-SP1 DESC(SOC4 ABEND IN LMOD NAINSTMM WHEN XNET USER IS DISCONNECTED). ++VER (Z038) FMID (CIDBK00) PRE (R096575 S006862) SUP (LT03954)

Service	Details
LU03955	LU03955 M.C.S. ENTRIES = ++PTF (LU03955) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. For more details access Security Advisors using the following URL: support.broadcom.com/security-advisory/security-advisories-list.html Broadcom recommends that you subscribe to notifications for Security Advisories for the associated products that you support in your organization. Please use the following URL to register for proactive notifications: https://support.broadcom.com/user/notifications.html SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: INS 15637 Copyright (C) 2021 CA. All rights reserved. R01774-D200-SP1 DESC (SECURITY OR INTEGRITY PROBLEM) . ++VER (Z038) FMID (CINSK00) PRE (LU01610 LU02808 S001396 S006978 S008825 S010061 S011373 S013484 S014401) SUP (AL02808 AL03629 AL03869 LT03629 LT03869 LT03955 LU03629 LU03869 S011679 ST11679) LINK ('../PXM/ds/dbm-ds.war') PARM (PATHMODE (0,7,7,5)) SHSCRIPT (PXMDSSMP,PRE) .

Service	Details
LU03961	LU03961 M.C.S. ENTRIES = ++PTF (LU03961) INCORRECT INDEX STATISTICS AFTER APPLYING PTF LU02861 PROBLEM DESCRIPTION: After applying PTF LU02861, Database Analyzer for Db2 for z/OS (PDA) may miscalculate the values for index statistics when the following conditions are met: - Obj Read Access ==> V/EXCP is specified in PDA User Profile - There is DML activity on the objects during PDA statistics collection or index PGSIZE > 4 SYMPTOMS: Incorrect values for the index-related symbolics are set during the generation of Action JCL. The Action JCLs generated for indexes fail when executed. IMPACT: The indexes may be incorrectly included or excluded during processing. The Action JCLs generated for indexes may not be executable. CIRCUMVENTION: The problem does not occur when VSAM access is used. To use VSAM access, from the PDA main menu: 1. Select P User Profile 2. Specify Obj Read Access ==> VSAM Alternatively, update the Extract Procedure JCLs with the following NOEXCP parameter: PARM=('EP=RALMCTL/NOEXCP') PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 15578 Copyright (C) 2021 CA. All rights reserved. R01775-D200-SP1 DESC(INCORRECT INDEX STATISTICS AFTER APPLYING PTF LU02861). ++VER (Z038) FMID (CINSK00) PRE (LU00135 LU00145 LU02455 S000016 S005011 S011234) SUP (AL02861 AS11234 LT02860 LT02861 LT03961 LU02861 S008016 S010639 S013320 S015770 ST08016 ST10639 ST13320 ST15770) CSECT(RAASIX2,OPENDB,OPENERR,COLLESTG,IDPKEYDP,IXDIRPAG,INITSTAT, HIGHVALS) .

Service	Details
LU03997	LU03997 M.C.S. ENTRIES = ++PTF (LU03997) PARAMETER MARKER FOR HOST VARIABLE DATA TYPE MESSAGE PROBLEM DESCRIPTION: When host variables are viewed, they may show a message in the PARAMETER MARKER section instead of the input value. SYMPTOMS: The following message appears in the PARAMETER MARKER section: HOST VARIABLE DATA USED WITH THIS SQL REQUEST PARAMETER MARKER 1 =DATA TYPE - xxxx DATA LENGTH - yyyy IMPACT: Users cannot see the program input that was used for the SQL Statement. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 CA Detector for Db2 for z/OS Version 20.0 Related Problem: PTT 15481 Copyright (C) 2021 CA. All rights reserved. R01776-D200-SP1 DESC(PARAMETER MARKER FOR HOST VARIABLE DATA TYPE MESSAGE) . ++VER (Z038) FMID (CINSK00) PRE (LU01978 S001396 S014874) SUP (LT03997) ++IF FMID(CPDTK00) REQ(LU03998) .

Service	Details
LU03998	LU03998 M.C.S. ENTRIES = ++PTF (LU03998) PARAMETER MARKER FOR HOST VARIABLE DATA TYPE MESSAGE PROBLEM DESCRIPTION: When host variables are viewed, they may show a message in the PARAMETER MARKER section instead of the input value. SYMPTOMS: The following message appears in the PARAMETER MARKER section: HOST VARIABLE DATA USED WITH THIS SQL REQUEST PARAMETER MARKER 1 =DATA TYPE - xxxx DATA LENGTH - yyyy IMPACT: Users cannot see the program input that was used for the SQL Statement. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 CA Detector for Db2 for z/OS Version 20.0 Related Problem: PTT 15481 Copyright (C) 2021 CA. All rights reserved. R01776-D200-SP1 DESC(PARAMETER MARKER FOR HOST VARIABLE DATA TYPE MESSAGE) . ++VER (Z038) FMID (CPDTK00) PRE (LU01982 LU02271 R096168 R099556 S001400 S004458 S006116 S008244 S008455 S012652 S013987 S014299 S014860 S016174) SUP (LT02286 LT03998 LU02286 S006237 ST06237) ++IF FMID(CINSK00) REQ(LU03997) .

Service	Details
LU04015	LU04015 M.C.S. ENTRIES = ++PTF (LU04015) SOC1 ABEND MAY OCCUR DURING SYNCHRONIZED PDT/PSA COLLECTION PROBLEM DESCRIPTION: Subsystem Analyzer for Db2 for z/OS (PSA) collection may incur an OC1 abend and recover successfully. This occurs only when synchronized collections are started for Subsystem Analyzer and Detector for Db2 for z/OS. SYMPTOMS: An SVC dump will be generated with the following title: Dump Title: CA-SSANALZE 20.0 COLLECTION FRR/SDUMP IMPACT: Subsystem Analyzer recovers from the abend and the collection continues to externalize the data. A very small amount of PSA data may be lost. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Subsystem Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDT 15488 Copyright (C) 2021 CA. All rights reserved. R01779-D200-SP1 DESC(SOC1 ABEND MAY OCCUR DURING SYNCHRONIZED PDT/PSA COLLECTION). ++VER (Z038) FMID (CPDTK00) PRE (LU01542 LU01841 LU03461 LU03917 R096168 R097707 R098429 R099556 S000263 S001400 S003942 S004458 S006334 S007810 S008323 S008789 S009065 S009811 S010538 S010908 S011694 S011717 S012131 S012429 S012538 S015199) SUP (LT04015) ++HOLD (LU04015) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21355) COMMENT (<pre> +-----+ 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. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * </pre>

Service	Details
	***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).

Service	Details
LU04026	LU04026 M.C.S. ENTRIES = ++PTF (LU04026) INCORRECT REPORT-LEVEL HELP FOR SEVERAL REPORTS PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) user interface report-level help for HTPKGBP, HTUPKGBP, HTPKGLK, HTUPKGLK, HTPKGSQ and HTUPKGSQ screens is incorrect. SYMPTOMS: The report-level help incorrectly shows package history detail (HTPKGDTL) report-level help for the following screens: HTPKGBP (Package History BP Detail) HTUPKGBP (Package History BP Summary) HTPKGLK (Package History Lock Detail) HTUPKGLK (Package History Lock Summary) HTPKGSQ (Package History SQL Detail) HTUPKGSQ (Package History SQL Summary) IMPACT: The report-level help is misleading. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 15624 Copyright (C) 2021 CA. All rights reserved. R01781-D200-SP1 DESC (INCORRECT REPORT-LEVEL HELP FOR SEVERAL REPORTS) . ++VER (Z038) FMID (CIDBK00) PRE (R099552 S013557 S014099) SUP (LT04026)

Service	Details
LU04027	LU04027 M.C.S. ENTRIES = ++PTF (LU04027) THE IDB2UIFI UTILITY MAY ISSUE IRRELEVANT ERROR MESSAGES PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) Load Online History Files or Unload SAVEIFI Trace Data Set jobs could issue irrelevant error messages DBG86003E and DBG86004E. SYMPTOMS: The following error messages in Load Online History Files or Unload SAVEIFI Trace Data Set jobs: DBG86003E D12A 06:42:52 HSTSQLDB open error. Diagnostic data: 00000190, Unable to open the data set. DBG86004E D12A 06:42:52 HSTSQLDB init failed. Diagnostic data: 00000010 IMPACT: The IDB2UIFI utility may issue irrelevant error messages. Running job will succeed with return code 4. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 15684 Copyright (C) 2021 CA. All rights reserved. R01782-D200-SP1 DESC (THE IDB2UIFI UTILITY MAY ISSUE IRRELEVANT ERROR MESSAGES) . ++VER (Z038) FMID (CIDBK00) PRE (LU01556 LU02093 LU02118 LU02800 LU03348 R099552 S001395 S004454 S010160 S010906 S014016 S014642 S016200) SUP (LT04027) CSECT (NALDSCOM) .

Service	Details		
LU04094	LU04094 M.C.S. ENTRIES = ++PTF (LU04094)		
	USER ABEND 0070 RESULTS WITH SPACE CALCULATOR FETCH STATS		
	PROBLEM DESCRIPTION:		
	In the Space Calculator (SSC) component of the Database Management Solutions for DB2 for z/OS, fetching space statistics results in a user abend 0070.		
	SYMPTOMS:		
	A user abend 0070 results when the F command is used on an Index to fetch statistics.		
	IRX0251E User abend code 0070, reason code 00000000.		
	IRX0255E Abend in host command RSPMAIN or address environment routine TSO.		
	IRX0251E User abend code 0070, reason code 00000000.		
	IRX0255E Abend in host command ISPEXEC or address environment routine TSO.		
	IMPACT:		
	Index statistics cannot be fetched when using the F command.		
	CIRCUMVENTION:		
	None.		
	PRODUCT(S) AFFECTED:		
	RC/Update for DB2 for z/OS		
	Version 20.0		
	Related Problem:		
	RCU 15733		
	Copyright (C) 2021 CA. All rights reserved. R01795-D200-SP1		
	DESC(USER ABEND 0070 RESULTS WITH SPACE CALCULATOR FETCH STATS).		
	++VER (Z038)		
	FMID (CINSK00)		
	PRE (LU00446 LU03657 R099553 S011866 S011966 S012361		
	S014832 S015804)		
	SUP (LT04094 S012031 ST12031)		
	CSECT(ROALIST2,ROXLIST2) .		
	MCS	LU03499	STARTS ON PAGE 0003
	MCS	LU03657	STARTS ON PAGE 0004
	MCS	LU03659	STARTS ON PAGE 0097
	MCS	LU03660	STARTS ON PAGE 0109
	MCS	LU03661	STARTS ON PAGE 0110
	MCS	LU03662	STARTS ON PAGE 0111
	MCS	LU03663	STARTS ON PAGE 0112
	MCS	LU03664	STARTS ON PAGE 0116
	MCS	LU03684	STARTS ON PAGE 0117
MCS	LU03685	STARTS ON PAGE 0118	
MCS	LU03686	STARTS ON PAGE 0119	
MCS	LU03691	STARTS ON PAGE 0120	
MCS	LU03703	STARTS ON PAGE 0122	
MCS	LU03706	STARTS ON PAGE 0123	
MCS	LU03709	STARTS ON PAGE 0127	
MCS	LU03710	STARTS ON PAGE 0128	
MCS	LU03712	STARTS ON PAGE 0131	
MCS	LU03731	STARTS ON PAGE 0133	
MCS	LU03732	STARTS ON PAGE 0133	
MCS	LU03733	STARTS ON PAGE 0134	
MCS	LU03734	STARTS ON PAGE 0135	

Service	Details		
	MCS	LU03735	STARTS ON PAGE 0137
	MCS	LU03742	STARTS ON PAGE 0139
	MCS	LU03749	STARTS ON PAGE 0139
	MCS	LU03759	STARTS ON PAGE 0141
	MCS	LU03760	STARTS ON PAGE 0141
	MCS	LU03761	STARTS ON PAGE 0143
	MCS	LU03762	STARTS ON PAGE 0144
	MCS	LU03788	STARTS ON PAGE 0147
	MCS	LU03789	STARTS ON PAGE 0148
	MCS	LU03808	STARTS ON PAGE 0149
	MCS	LU03809	STARTS ON PAGE 0151
	MCS	LU03813	STARTS ON PAGE 0153
	MCS	LU03814	STARTS ON PAGE 0154
	MCS	LU03827	STARTS ON PAGE 0155
	MCS	LU03838	STARTS ON PAGE 0156
	MCS	LU03846	STARTS ON PAGE 0158
	MCS	LU03847	STARTS ON PAGE 0159
	MCS	LU03856	STARTS ON PAGE 0160
	MCS	LU03859	STARTS ON PAGE 0162
	MCS	LU03869	STARTS ON PAGE 0163
	MCS	LU03878	STARTS ON PAGE 0164
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	MCS	LU03907	STARTS ON PAGE 0167
	MCS	LU03917	STARTS ON PAGE 0168
	MCS	LU03918	STARTS ON PAGE 0170
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	MCS	LU03924	STARTS ON PAGE 0174
	MCS	LU03925	STARTS ON PAGE 0176
	MCS	LU03926	STARTS ON PAGE 0177
	MCS	LU03929	STARTS ON PAGE 0177
	MCS	LU03935	STARTS ON PAGE 0179
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	MCS	LU03953	STARTS ON PAGE 0181
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	MCS	LU03955	STARTS ON PAGE 0184
	MCS	LU03961	STARTS ON PAGE 0185
	MCS	LU03997	STARTS ON PAGE 0186
	MCS	LU03998	STARTS ON PAGE 0187
	MCS	LU04015	STARTS ON PAGE 0187
	MCS	LU04026	STARTS ON PAGE 0189
	MCS	LU04027	STARTS ON PAGE 0190
	MCS	LU04094	STARTS ON PAGE 0191

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 2201 Product/Component Count for this release is 27		

CA RS Level	Service	FMID
CAR2201	LU04094	CINSK00
	LU04027	CIDBK00
	LU04026	CIDBK00
	LU04015	CPDTK00
	LU03998	CPDTK00
	LU03997	CINSK00
	LU03961	CINSK00
	LU03955	CINSK00
	LU03954	CIDBK00
	LU03953	CINSK00
	LU03952	CINSK00
	LU03935	CRCQK00
	LU03929	CIDBK00
	LU03926	CRCXK00
	LU03925	CPLAK00
	LU03924	COFSK00
	LU03923	CINSK00
	LU03918	CPSAK00
	LU03917	CPDTK00
	LU03907	CINSK00
	LU03879	CINSK00
	LU03878	CINSK00
	LU03869	CINSK00
	LU03859	CUGRK00
	LU03856	CINSK00
	LU03847	CPUTK00
	LU03846	CPFLK00
	LU03838	CINSK00
	LU03827	CPFUK00
	LU03814	CPDAK00
	LU03813	CINSK00
	LU03809	CPDTK00
	LU03808	CINSK00
	LU03789	CINSK00
	LU03788	CINSK00
	LU03762	CPDAK00
	LU03761	CINSK00
	LU03760	CSQ2100
	LU03759	CUGRK00
	LU03749	CPLAK00
	LU03742	CPFLK00
	LU03735	CUGRK00
	LU03734	CPUTK00
	LU03733	CPRRK00
	LU03732	CPFUK00
	LU03731	CPLAK00
	LU03712	CINSK00

CA RS Level	Service	FMID
	LU03710	CPDTK00
	LU03709	CINSK00
	LU03706	CPRAK00
	LU03703	CINSK00
	LU03691	CINSK00
	LU03686	CPUTK00
	LU03685	CPRRK00
	LU03684	CPFLK00
	LU03664	CRCXK00
	LU03663	CRCUK00
	LU03662	CRCQK00
	LU03661	CRCMK00
	LU03660	CPLAK00
	LU03659	COFSK00
	LU03657	CINSK00
	LU03499	CINSK00
CAR2112	LU03680	CPDAK00
	LU03673	CIDBK00
	LU03667	CRCUK00
	LU03666	CINSK00
	LU03629	CINSK00
	LU03601	CPSAK00
	LU03580	CUGRK00
	LU03579	CPUTK00
	LU03578	CPFUK00
	LU03577	CPFLK00
	LU03520	CINSK00
	LU03519	CPUTK00
	LU03500	CPLAK00
	LU03492	CPLAK00
	LU03463	CINSK00
	LU03461	CPDTK00
	LU03455	CIDBK00
	LU03453	CIDBK00
	LU03443	CUGRK00
	LU03437	CRCUK00
	LU03435	CIDBK00
	LU03417	CINSK00
	LU03406	CPDTK00
	LU03401	CPUTK00
	LU03400	CPRRK00
	LU03399	CPFLK00
	LU03391	CINSK00
	LU03386	CPDTK00
	LU03384	CPFUK00
	LU03367	CINSK00
	LU03353	CPFUK00

CA RS Level	Service	FMID
	LU03348	CIDBK00
	LU03344	CUGRK00
	LU03338	CPPAK00
	LU03337	CINSK00
	LU03326	CUGRK00
	LU03324	CUGRK00
	LU03323	CPUTK00
	LU03318	CRCXK00
	LU03317	CRCQK00
	LU03316	CPLAK00
	LU03315	COFSK00
	LU03314	CINSK00
	LU03309	CINSK00
	LU03308	CRCQK00
	LU03291	CINSK00
	LU03286	CIDBK00
	LU03282	CPLAK00
	LU03265	CPFUK00
	LU03252	CIDBK00
	LU02861	CINSK00
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

CA RS Level	Service	FMID
	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
	LU02712	CUGRK00
CAR2110	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

CA RS Level	Service	FMID
	LU02516	CIDBK00
	LU02489	CINSK00
	LU02472	CINSK00
	LU02471	CINSK00
	LU02280	COFSK00
	LU02279	CINSK00
CAR2109	LU02564	CRCQK00
	LU02554	CPDTK00
	LU02529	CUGRK00
	LU02524	CPDTK00
	LU02493	CPPAK00
	LU02492	CINSK00
	LU02485	CPFLK00
	LU02470	CPFUK00
	LU02456	CPDAK00
	LU02455	CINSK00
	LU02440	CPFUK00
	LU02439	CIDBK00
	LU02437	COFSK00
	LU02436	CPPAK00
	LU02428	CIDBK00
	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

CA RS Level	Service	FMID
CAR2108	LU02095	CPDAK00
	LU02220	CPDTK00
	LU02213	CPLAK00
	LU02211	CRCUK00
	LU02197	CINSK00
	LU02164	CINSK00
	LU02143	CUTSK00
	LU02142	CIDBK00
	LU02133	CPSAK00
	LU02132	CPDTK00
	LU02131	CINSK00
	LU02124	CINSK00
	LU02117	CINSK00
	LU02108	CPDTK00
	LU02096	CIDBK00
	LU02093	CIDBK00
	LU02062	CPLAK00
	LU02061	CINSK00
	LU02053	CINSK00
	LU02048	CUGRK00
	LU02033	CIDBK00
	LU02031	CIDBK00
	LU02030	CRCQK00
	LU02029	CINSK00
	LU02008	CPFLK00
	LU02007	CPUTK00
	LU02006	CPFUK00
	LU02005	CINSK00
	LU01999	CINSK00
	LU01998	CUGRK00
	LU01997	CTGRK00
	LU01996	CRCXK00
	LU01995	CRCUK00
	LU01994	CRCSK00
	LU01993	CRCQK00
	LU01992	CPXNK00
	LU01991	CPUTK00
	LU01990	CPSAK00
	LU01989	CPRRK00
	LU01988	CPRFK00
	LU01987	CPRAK00
	LU01986	CPPAK00
	LU01985	CPLAK00
	LU01984	CPFUK00
	LU01983	CPFLK00
	LU01982	CPDTK00
	LU01981	CPDAK00

CA RS Level	Service	FMID
	LU01980	CPBAK00
	LU01979	COFSK00
	LU01978	CINSK00
	LU01977	CIDBK00
	LU01975	CAHOK00
	LU01958	CINSK00
	LU01950	CPLAK00
	LU01949	CINSK00
	LU01944	CRCXK00
	LU01939	CPFUK00
	LU01937	COFSK00
	LU01936	CUGRK00
	LU01934	CINSK00
	LU01933	CPDTK00
	LU01930	CPUTK00
	LU01927	CINSK00
	LU01922	CINSK00
	LU01845	CIDBK00
	LU01832	COFSK00
	LU01784	CINSK00
	LU01290	CINSK00
CAR2107	LU01893	CUGRK00
	LU01892	CPPAK00
	LU01891	CINSK00
	LU01869	CPLAK00
	LU01860	CPDAK00
	LU01841	CPDTK00
	LU01837	CINSK00
	LU01829	CIDBK00
	LU01799	CPDTK00
	LU01760	CINSK00
	LU01757	CINSK00
	LU01750	CIDBK00
	LU01732	CPSAK00
	LU01727	CPFUK00
	LU01720	CPFLK00
	LU01717	CUGRK00
	LU01706	CRCQK00
	LU01705	CINSK00
	LU01696	CINSK00
	LU01695	CPRAK00
	LU01694	CINSK00
	LU01683	CINSK00
	LU01673	CINSK00
	LU01666	CIDBK00
	LU01648	CINSK00
	LU01626	CPDAK00

CA RS Level	Service	FMID
	LU01625	CINSK00
	LU01610	CINSK00
	LU01581	CIDBK00
	LU01575	CINSK00
	LU01556	CIDBK00
	LU01551	CPPAK00
	LU01550	CINSK00
	LU01543	CPSAK00
	LU01542	CPDTK00
	LU01541	CIDBK00
	LU01538	CPLAK00
	LU01534	CUGRK00
	LU01526	CINSK00
	LU01525	CIDBK00
	LU01513	CIDBK00
	LU01508	CINSK00
	LU01405	CINSK00
	LU01362	CINSK00
	LU01357	CINSK00
CAR2106	LU01494	CINSK00
	LU01467	CPDTK00
	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

CA RS Level	Service	FMID
	LU01222	COFSK00
	LU01215	CPDTK00
	LU01208	CRCQK00
	LU01182	CUGRK00
	LU01181	CPRAK00
	LU01180	CPLAK00
	LU01179	COFSK00
	LU01178	CINSK00
	LU01175	CIDBK00
	LU01166	CIDBK00
	LU01165	CPFUK00
	LU01164	CIDBK00
	LU01151	CINSK00
	LU01135	CUGRK00
	LU01127	CUGRK00
	LU01122	COFSK00
	LU01121	CINSK00
	LU01118	CINSK00
	LU01107	COFSK00
	LU01106	CINSK00
	LU01102	CPRFK00
	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

CA RS Level	Service	FMID
	LU00914	CINSK00
	LU00903	CPLAK00
	LU00891	CPDAK00
	LU00890	CINSK00
	LU00887	CPUTK00
	LU00886	CPFUK00
	LU00882	CPLAK00
	LU00881	CIDBK00
	LU00863	CPFUK00
	LU00859	CPSAK00
	LU00858	CPDTK00
	LU00847	CINSK00
	LU00839	CINSK00
	LU00795	CUGRK00
	LU00794	CINSK00
	LU00769	CRCXK00
	LU00768	CPDTK00
	LU00759	CPLAK00
	LU00698	CINSK00
	LU00697	CIDBK00
	LU00678	CINSK00
	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

CA RS Level	Service	FMID
	LU00531	COFSK00
	LU00530	CINSK00
	LU00524	CPDTK00
	LU00523	CINSK00
	LU00511	CRCUK00
	LU00510	CINSK00
	LU00509	CINSK00
	LU00508	CINSK00
	LU00500	CPSAK00
	LU00480	CPLAK00
	LU00475	CPDAK00
	LU00452	CPRRK00
	LU00450	CRCXK00
	LU00449	CRCUK00
	LU00448	CRCMK00
	LU00447	CPFUK00
	LU00446	CINSK00
	LU00440	CPPAK00
	LU00439	CPBAK00
	LU00438	CINSK00
	LU00437	CPUTK00
	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	CRCCK00
	LU00339	CRCQK00
	LU00338	CRCMK00
	LU00337	CPUTK00
	LU00336	CPRAK00
	LU00335	CPLAK00
	LU00334	CPDTK00
	LU00333	CPDAK00

CA RS Level	Service	FMID
	LU00332	CINSK00
	LU00331	CIDBK00
	LU00330	CAHOK00
	LU00314	CPDAK00
	LU00304	CPUTK00
	LU00303	CPRRK00
	LU00302	CPFUK00
	LU00301	CPFLK00
	LU00299	CIDBK00
	LU00283	CINSK00
	LU00277	CINSK00
	LU00275	CUGRK00
	LU00177	CPUTK00
CAR2103	SO16295	CIDBK00
	SO15817	CUGRK00
	SO14357	CIDBK00
	SO13729	CRCQK00
	LU00356	CPLAK00
	LU00329	CPDTK00
	LU00282	CIDBK00
	LU00281	CPFUK00
	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

CA RS Level	Service	FMID
	LU00141	CUGRK00
	LU00140	CPUTK00
	LU00139	CPRRK00
	LU00138	CPLAK00
	LU00137	CPFUK00
	LU00136	CPFLK00
	LU00135	CINSK00
	LU00134	CIDBK00
	LU00133	CPUTK00
	LU00132	CPLAK00
	LU00131	CINSK00
	LU00127	CINSK00
	LU00124	CPDTK00
	LU00123	CINSK00
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	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

CA RS Level	Service	FMID
	S016057	CIDBK00
	S016053	CINSK00
	S016046	CIDBK00
	S016045	CINSK00
	S015980	CINSK00
	S015952	CIDBK00
	S015864	CINSK00
CAR2101	S016040	CINSK00
	S016032	CINSK00
	S016031	CINSK00
	S016024	CINSK00
	S016001	CINSK00
	S015998	CINSK00
	S015939	CPUTK00
	S015938	CPFLK00
	S015937	CINSK00
	S015935	CPSAK00
	S015931	CIDBK00
	S015927	CPDTK00
	S015913	CIDBK00
	S015908	CINSK00
	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

CA RS Level	Service	FMID
	S015691	CPPAK00
	S015690	CINSK00
	S015652	CPUTK00
	S015650	COFSK00
	S015647	CIDBK00
	S015613	CINSK00
	S015609	CUGRK00
	S015585	CPRRK00
	S015573	CPDTK00
	S015541	CPUTK00
	S015531	CPLAK00
	S015506	CINSK00
	S015499	CPDTK00
	S015487	CUGRK00
	S015486	CPUTK00
	S015485	CPRRK00
	S015484	CPFLK00
	S015483	CPDAK00
	S015482	CINSK00
	S015480	CUTSK00
	S015457	CPUTK00
	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

CA RS Level	Service	FMID
	S015191	CRCMK00
	S015184	CSQ2100
	S015174	CPUTK00
	S015132	CINSK00
	S015130	CPDAK00
	S015129	CINSK00
	S015124	CPRRK00
	S015122	CINSK00
	S015094	CPSAK00
	S015086	CPFUK00
	S015075	CINSK00
	S015074	CPUTK00
	S015073	CPDTK00
	S015072	CINSK00
	S015070	CIDBK00
	S015064	CPLAK00
	S015062	COFSK00
	S015061	CINSK00
	S015049	CIDBK00
	S015045	CINSK00
	S015031	CINSK00
	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

CA RS Level	Service	FMID
	S014782	CPDTK00
	S014773	CPUTK00
	S014772	CPFLK00
	S014771	CINSK00
	S014756	CINSK00
	S014754	CIDBK00
	S014732	CPDAK00
	S014731	CINSK00
	S014721	CINSK00
	S014716	CINSK00
	S014694	CPFLK00
	S014681	CPSAK00
	S014680	CPDTK00
	S014675	CPRFK00
	S014655	COFSK00
	S014642	CIDBK00
CAR2009	S014641	CUGRK00
	S014640	CPRRK00
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	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

CA RS Level	Service	FMID
	S014381	CINSK00
	S014338	CPDTK00
	S014335	CRCQK00
	S014310	CUTSK00
	S014307	CRCQK00
	S014299	CPDTK00
	S014298	CINSK00
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	S014254	CIDBK00
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	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

CA RS Level	Service	FMID
	S013987	CPDTK00
	S013986	CPDAK00
	S013985	CINSK00
	S013982	CSQ2100
	S013974	CINSK00
	S013973	CINSK00
	S013961	CPUTK00
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	S013887	CPDTK00
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	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

CA RS Level	Service	FMID
	S013682	CINSK00
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	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

CA RS Level	Service	FMID
	S013203	CPFLK00
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	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

CA RS Level	Service	FMID
	S012924	CINSK00
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	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

CA RS Level	Service	FMID
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	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

CA RS Level	Service	FMID
	S012153	CPUTK00
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	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

CA RS Level	Service	FMID
	S011942	CINSK00
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	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

CA RS Level	Service	FMID
	S011643	CPFLK00
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	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

CA RS Level	Service	FMID
	S011236	CPFUK00
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	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

CA RS Level	Service	FMID
	S010278	CPPAK00
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	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

CA RS Level	Service	FMID
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	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

CA RS Level	Service	FMID
	S010160	CIDBK00
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	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

CA RS Level	Service	FMID
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCSK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00

CA RS Level	Service	FMID
CAR1908	S008837	CPRRK00
	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	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

CA RS Level	Service	FMID
	S008766	CINSK00
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	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

CA RS Level	Service	FMID
	S008644	CINSK00
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	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

CA RS Level	Service	FMID
	S008202	CINSK00
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00
	S007856	CINSK00
CAR1904	S007826	CUGRK00
	S007825	CTGRK00
	S007824	CRCUK00
	S007823	CRCCK00
	S007822	CRCQK00
	S007821	CRCMK00
	S007820	CPUTK00

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

CA RS Level	Service	FMID
	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
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRC SK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00

CA RS Level	Service	FMID
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	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

CA RS Level	Service	FMID
	S004468	CPSAK00
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	S000846	CPRRK00
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100
CAR1801	R099853	CRCXK00
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRCCK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00

CA RS Level	Service	FMID
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRC SK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00

CA RS Level	Service	FMID
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	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