

Service	Description	Type
LU06826	UPDATE COMPANY NAME IN PRODUCT PANELS	PTF
LU07004	MULTIPLE SX78 ABENDS IN PDA UTILITY MANAGER	PTF
LU07065	SUBSEQUENT UPDATE PROCESSING FAILURES AND INACCURACIES	PTF
LU07078	SUPPORT ZOWE API ML AUTHENTICATION IN DBM DS AND MTC-DBM UI	PTF
LU07096	DDL/HDDL COMMAND ON A REMOTE SUBSYSTEM FAILS WITH ABEND	PTF
LU07146	ABEND SOC4-3B NGRABP2 DURING RECOVERY FROM IFI READS ABEND	PTF
LU07149	ABEND S878 STORAGE LEAK WITH DATASHAREABLE REQUESTS	PTF
LU07168	PFR SILENTLY ACCEPTS DBNAME OR TSNAME GREATER THAN 8 CHARS	PTF
LU07180	PFU0146E - INTERNAL PROCESSING ERROR UTAFUULT - 001	PTF
LU07181	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU07183	VARIOUS DML AND DDL REPORT FORM ISSUES	** PRP **
LU07187	Continuous Delivery Level Set 20.0.05	PTF
LU07203	RCQ DISPLAY OF LEVEL SET	PTF
LU07204	RCQ DISPLAY OF LEVEL SET	PTF
LU07205	RCQ DISPLAY OF LEVEL SET	PTF
LU07206	RCQ DISPLAY OF LEVEL SET	PTF
LU07207	RCQ DISPLAY OF LEVEL SET	PTF
LU07208	RCQ DISPLAY OF LEVEL SET	PTF
LU07209	RCQ DISPLAY OF LEVEL SET	PTF
LU07221	FIRST JOB IN ACTION JCL HAS NO STEPS WHEN DU CODE SELECTED	PTF
LU07235	OPEN LOG RANGES ARE IGNORED ON DATA SHARING SUBSYSTEMS	PTF
LU07248	QUICK MIGRATE OF TABLE GENERATES ERRONEOUS CREATE TABLESPACE	PTF
LU07254	PQC EXCP YES FAILS WITH PQC0095E LISTCAT ERROR	PTF
LU07257	OFS GENERATES INCORRECT DDL FOR DEFAULTVALUE OF CHAR X'00'	PTF
LU07262	LOG USERS STATISTICS ONLY IF USERS ARE CONNECTED	PTF
LU07264	DFSORT BLOCK SUPPORT	PTF
LU07265	MERGECOPY CREATE DUPLICATE LP,LB,RP,RB COPY ROWS IN SYSCOPY.	PTF
LU07268	ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES	PTF
LU07269	ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES	PTF
LU07270	ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES	PTF
LU07271	ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES	PTF
LU07272	ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES	PTF
LU07278	RCQ INDEX PQTY SECQTY NEGATIVE VALUE DISPLAY	PTF
LU07311	ABEND U0357 IN PFR DUE TO MISSING PAGES IN THE PQC INCR. IC	PTF
LU07315	RECOVERY NOT GENERATING ALTER TABLE DDL TO DROP A COLUMN	PTF
LU07346	TCP TABLE RECREATED WHEN ALTERING LIMIT KEY VALUES	PTF
LU07359	SOC1 ABEND WHEN COMPARING TRIGGERS WHOSE PARENT TABLE HAS RI	PTF
LU07372	PFR FAILS WITH ERROR PFR0684E CALL TO IBM	PTF
LU07373	PFR FAILS WITH ERROR PFR0684E CALL TO IBM	PTF
LU07375	LOB PROCESSING FAILURES IN DML ACTIVITY REPORTING	PTF
LU07388	PFR OBIDXLAT ROWFORMAT BR/RRF SOC4 IN FRA@RSly SORTLOG YES	PTF
LU07415	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU07416	SP_TOT_TIME AND SP_DB2_TIME SHOW SAME VALUE	PTF
LU07418	RANDOM SOC4 ABEND IN RCM GENERATING ALTER TABLE ADD CLONE	PTF
LU07436	RECOVERY INPUT TO .CALL SNAPSHOT MISSING DROP TABLESPACE	PTF
LU07459	DDL/HDDL GENERATION IS FAILING WITH ABEND U4083	** PRP **
LU07483	IMPROVED DISCARD PROCESSING	PTF

Database Management Solutions for Db2 for z/OS 20.0
CA RS 2210 Service List

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Service	Description	Type
LU07484	IMPROVED DISCARD PROCESSING	PTF
LU07486	CAPTURE THRESHOLD VALUES (CTV) PROCESSING TAKES A LONG TIME	PTF
LU07488	COLLECT TABLE AND INDEX STATISTICS FOR TRIGGERED SQL	PTF
The CA RS 2210 service count for this release is 50		

Database Management Solutions for Db2 for z/OS
CA RS 2210 Service List for CAHOK00

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FMID	Service	Description	Type
CAHOK00	LU07203	RCQ DISPLAY OF LEVEL SET	PTF
The CA RS 2210 service count for this FMID is 1			

Database Management Solutions for Db2 for z/OS
CA RS 2210 Service List for CIDBK00

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FMID	Service	Description	Type
CIDBK00	LU07146	ABEND SOC4-3B NGRABP2 DURING RECOVERY FROM IFI READS ABEND	PTF
	LU07149	ABEND S878 STORAGE LEAK WITH DATASHAREABLE REQUESTS	PTF
	LU07181	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU07262	LOG USERS STATISTICS ONLY IF USERS ARE CONNECTED	PTF
The CA RS 2210 service count for this FMID is 4			

FMID	Service	Description	Type
CINSK00	LU07078	SUPPORT ZOWE API ML AUTHENTICATION IN DBM DS AND MTC-DBM UI	PTF
	LU07187	Continuous Delivery Level Set 20.0.05	PTF
	LU07204	RCQ DISPLAY OF LEVEL SET	PTF
	LU07235	OPEN LOG RANGES ARE IGNORED ON DATA SHARING SUBSYSTEMS	PTF
	LU07248	QUICK MIGRATE OF TABLE GENERATES ERRONEOUS CREATE TABLESPACE	PTF
	LU07254	PQC EXCP YES FAILS WITH PQC0095E LISTCAT ERROR	PTF
	LU07268	ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES	PTF
	LU07315	RECOVERY NOT GENERATING ALTER TABLE DDL TO DROP A COLUMN	PTF
	LU07346	TCP TABLE RECREATED WHEN ALTERING LIMIT KEY VALUES	PTF
	LU07359	SOC1 ABEND WHEN COMPARING TRIGGERS WHOSE PARENT TABLE HAS RI	PTF
	LU07372	PFR FAILS WITH ERROR PFR0684E CALL TO IBM	PTF
	LU07418	RANDOM SOC4 ABEND IN RCM GENERATING ALTER TABLE ADD CLONE	PTF
	LU07436	RECOVERY INPUT TO .CALL SNAPSHOT MISSING DROP TABLESPACE	PTF
The CA RS 2210 service count for this FMID is 13			

Database Management Solutions for Db2 for z/OS
CA RS 2210 Service List for COFSK00

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FMID	Service	Description	Type
COFSK00	LU07096	DDL/HDDL COMMAND ON A REMOTE SUBSYSTEM FAILS WITH ABEND	PTF
	LU07257	OFS GENERATES INCORRECT DDL FOR DEFAULTVALUE OF CHAR X'00'	PTF
	LU07459	DDL/HDDL GENERATION IS FAILING WITH ABEND U4083	** PRP **
The CA RS 2210 service count for this FMID is 3			

Database Management Solutions for Db2 for z/OS
CA RS 2210 Service List for CPDAK00

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FMID	Service	Description	Type
CPDAK00	LU07004	MULTIPLE SX78 ABENDS IN PDA UTILITY MANAGER	PTF
	LU07221	FIRST JOB IN ACTION JCL HAS NO STEPS WHEN DU CODE SELECTED	PTF
	LU07486	CAPTURE THRESHOLD VALUES (CTV) PROCESSING TAKES A LONG TIME	PTF
The CA RS 2210 service count for this FMID is 3			

Database Management Solutions for Db2 for z/OS
CA RS 2210 Service List for CPDTK00

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FMID	Service	Description	Type
CPDTK00	LU07416	SP_TOT_TIME AND SP_DB2_TIME SHOW SAME VALUE	PTF
	LU07488	COLLECT TABLE AND INDEX STATISTICS FOR TRIGGERED SQL	PTF
The CA RS 2210 service count for this FMID is 2			

Database Management Solutions for Db2 for z/OS
CA RS 2210 Service List for CPFLK00

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FMID	Service	Description	Type
CPFLK00	LU07264	DFSORT BLOCK SUPPORT	PTF
	LU07483	IMPROVED DISCARD PROCESSING	PTF
The CA RS 2210 service count for this FMID is 2			

Database Management Solutions for Db2 for z/OS
CA RS 2210 Service List for CPFUK00

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FMID	Service	Description	Type
CPFUK00	LU07180	PFU0146E - INTERNAL PROCESSING ERROR UTAFUULT - 001	PTF
	LU07269	ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES	PTF
The CA RS 2210 service count for this FMID is 2			

FMID	Service	Description	Type
CPLAK00	LU07065	SUBSEQUENT UPDATE PROCESSING FAILURES AND INACCURACIES	PTF
	LU07183	VARIOUS DML AND DDL REPORT FORM ISSUES	** PRP **
	LU07375	LOB PROCESSING FAILURES IN DML ACTIVITY REPORTING	PTF
The CA RS 2210 service count for this FMID is 3			

FMID	Service	Description	Type
CPRFK02	LU07415	SECURITY OR INTEGRITY PROBLEM	** PRP **
The CA RS 2210 service count for this FMID is 1			

FMID	Service	Description	Type
CPUTK00	LU06826	UPDATE COMPANY NAME IN PRODUCT PANELS	PTF
	LU07484	IMPROVED DISCARD PROCESSING	PTF
The CA RS 2210 service count for this FMID is 2			

Database Management Solutions for Db2 for z/OS
CA RS 2210 Service List for CRCMK00

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FMID	Service	Description	Type
CRCMK00	LU07205	RCQ DISPLAY OF LEVEL SET	PTF
	LU07270	ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES	PTF
The CA RS 2210 service count for this FMID is 2			

FMID	Service	Description	Type
CRCQK00	LU07206	RCQ DISPLAY OF LEVEL SET	PTF
	LU07278	RCQ INDEX PQTY SECQTY NEGATIVE VALUE DISPLAY	PTF
The CA RS 2210 service count for this FMID is 2			

FMID	Service	Description	Type
CRCSK00	LU07207	RCQ DISPLAY OF LEVEL SET	PTF
The CA RS 2210 service count for this FMID is 1			

FMID	Service	Description	Type
CRCUK00	LU07208	RCQ DISPLAY OF LEVEL SET	PTF
	LU07271	ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES	PTF
The CA RS 2210 service count for this FMID is 2			

FMID	Service	Description	Type
CRCXK00	LU07209	RCQ DISPLAY OF LEVEL SET	PTF
	LU07272	ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES	PTF
The CA RS 2210 service count for this FMID is 2			

FMID	Service	Description	Type
CUGRK00	LU07168	PFR SILENTLY ACCEPTS DBNAME OR TSNAME GREATER THAN 8 CHARS	PTF
	LU07265	MERGECOPY CREATE DUPLICATE LP,LB,RP,RB COPY ROWS IN SYSCOPY.	PTF
	LU07311	ABEND U0357 IN PFR DUE TO MISSING PAGES IN THE PQC INCR. IC	PTF
	LU07373	PFR FAILS WITH ERROR PFR0684E CALL TO IBM	PTF
	LU07388	PFR OBIDXLAT ROWFORMAT BR/RRF SOC4 IN FRA@RSLY SORTLOG YES	PTF
The CA RS 2210 service count for this FMID is 5			

Service	Details
LU06826	LU06826 M.C.S. ENTRIES = ++PTF (LU06826) UPDATE COMPANY NAME IN PRODUCT PANELS PROBLEM DESCRIPTION: Panels in Utilities Common (PUT) display old company name. SYMPTOMS: Old company name appears either in the header or in the content of product display panels IMPACT: Panels display old information. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Utilities Common Version 20.0 Related Problem: PUT 17628 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02206-D200 DESC(UPDATE COMPANY NAME IN PRODUCT PANELS). ++VER (Z038) FMID (CPUTK00) PRE (LU00337 LU04427) SUP (LT06826)

Service	Details
LU07004	LU07004 M.C.S. ENTRIES = ++PTF (LU07004) The following items are included in this solution: 1. MULTIPLE SX78 ABENDS IN PDA UTILITY MANAGER 2. OBJECT NOT FOUND WHEN DLOG USED FROM DB2 PAGE DISPLAY MENU ===== MULTIPLE SX78 ABENDS IN PDA UTILITY MANAGER PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) may fail with different Sx78 ABEND codes. The problems occur in the Utility Manager option: - after the utility action JCL was generated and the user presses END (PF3) multiple times to go back to the "BUILD UTILITY EXTRACT" screen. - after the utility action JCL was submitted to the output destination (Dataset or JES) and you try to go back to the "BUILD UTILITY EXTRACT" screen. SYMPTOMS: ISPF ABEND in the module RALUSUB with the following messages: a) IRX0250E System abend code A78, reason code 00000016. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. b) IRX0250E System abend code B78, reason code 00000008. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. c) IRX0250E System abend code 378, reason code 00000036. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. IMPACT: The session to PDA/Broadcom Db2 tools is lost and needs to be restarted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 18040 ===== OBJECT NOT FOUND WHEN DLOG USED FROM DB2 PAGE DISPLAY MENU PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) does not display the failed Audit messages on the Audit/Message Log panel when the DLOG command is used from the DB2 Page Display Facility menu for tablespaces. SYMPTOMS: The following messages display on the Audit/Message Log panel when the DLOG command is used from the Page Display Facility: 1. RAP110E - No objects were found 2. RC=100, RCODE=0000 Connection command issued for task already connected. IMPACT: Audit error messages for a specific (partitioned) tablespace are not displayed from the Page Display Facility. CIRCUMVENTION: The audit error messages can be found by accessing the Log Reporting Facility from the Database Analyzer main menu. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 18079 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved

Service	Details
	R02231-D200 DESC(MULTIPLE SX78 ABENDS IN PDA UTILITY MANAGER) . ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00256 LU01981 LU02456 LU03680 LU04415 LU06141 LU06301 LU06854 R096579 S000017 S001399 S009023 S014030 S014732) SUP (AL03680 LT05663 LT07004 LU05663 ST08903)

Service	Details
LU07065	LU07065 M.C.S. ENTRIES = ++PTF (LU07065) The following items are included in this solution: 1. SUBSEQUENT UPDATE PROCESSING FAILURES AND INACCURACIES 2. SQL OR A LOAD FILE GENERATED FOR AN ABORTED UNIT OF RECOVERY ===== SUBSEQUENT UPDATE PROCESSING FAILURES AND INACCURACIES PROBLEM DESCRIPTION: The following problems relate to processing DML Subsequent Update Options for the DML Activity Report in Log Analyzer for Db2 for z/OS (PLA): 1) If no extract file is generated, EXTRACT=(NO), processing starts at the beginning of the logs. The beginning of the logs is typically not accessible and this causes an error. 2) If the R (Rept) Output Format option is selected for the DML Activity Report, the number of subsequent transactions is displayed in hexadecimal format. 3) If the S (REDOSql) or U (UNDOSql) Output Format option is selected for the DML Activity Report, the number of subsequent transactions is incorrect. 4) The unit of recovery (UR) header in the subsequent updates section of the DML Activity Report contains inaccurate data. SYMPTOMS: 1) PLA attempts to read the log from the beginning and the symptoms depend on the content of the BSDS dataset. Typically, the following error message is received: <pre> PFRO067E - ALLOCATE FAILED FOR ARCHIVE LOG DATASET 'ccccccc.cccc.ARCLG1.A0000001' RETURN CODE = 4, REASON CODE = X'1708' IKJ56228I DATA SET cccccccc.ARCLG1.A0000001 NOT IN CATALOG OR CATALOG CAN NOT BE ACCESSED </pre> 2) The number of subsequent transactions is displayed in hexadecimal format. 3) The number of subsequent transactions on the report is 00000001, although this is incorrect. 4) Some of the data in the UR header of the subsequent updates section of the DML Activity Report is inaccurate. The following is a sample UR header: <pre> URID: FFFFFFFF29357251755 URID Status : Co LRSN: 00DB82D0001C47EF0400 Primary Auth-id: xxxxxxxx Member : Correlation-id : xxxxxxxx Plan name: RBPAD200 Timestamp : 2022-05-16-04.21.23 LUWID network id : LUWID name : LUWID unique value: 000000000000 LUWID commit count: 0 </pre> IMPACT: 1) The DML Subsequent Update Options for the DML Activity Report cannot be used without generating (at least) a temporary extract file. 2), 3), and 4) The report contains incorrect data. CIRCUMVENTION: 1) Generate an extract file. Do not use EXTRACT=(NO). 2), 3), and 4) None. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 17567 ===== SQL OR A LOAD FILE GENERATED FOR AN ABORTED UNIT OF RECOVERY PROBLEM DESCRIPTION:

Service	Details
	Log Analyzer for Db2 for z/OS (PLA) may generate REDO/UNDO SQL or load format file output for a transaction which was aborted. An output may contain data respective to the aborted transaction and may cause failures, inconsistencies or a data loss when executed. That happens when the ROLLBACK option is set to either INCLUDE or ONLY. Please note that ROLLBACK(EXCLUDE) is the default. SYMPTOMS: The generated SQL or a load file includes incorrect statements or data rows. These are not accompanied by a warning message. IMPACT: Incorrect output is generated. If the SQL is executed or a load utility is run, data can be corrupted or lost. CIRCUMVENTION: Use ROLLBACK (EXCLUDE) to prevent generation of aborted transactions. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 18152 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02235-D200 DESC(SUBSEQUENT UPDATE PROCESSING FAILURES AND INACCURACIES) . ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00597 LU00759 LU00940 LU01040 LU01180 LU01385 LU01538 LU01950 LU02062 LU02381 LU03250 LU04419 LU04788 LU04842 LU06217 R096583 R099559 S000020 S000975 S004245 S004461 S004795 S006718 S007813 S008008 S008802 S008870 S009333 S010677 S011669 S012763 S012797 S012889) SUP (LT00480 LT02816 LT03731 LT05019 LT07065 LU00480 LU02816 LU03731 LU05019 S015531 ST15531)

Service	Details
LU07078	LU07078 M.C.S. ENTRIES = ++PTF (LU07078) The following items are included in this solution: 1. SUPPORT ZOWE API ML AUTHENTICATION IN DBM DS AND MTC-DBM UI 2. SUPPORT ZOWE API ML AUTHENTICATION IN DBM DS AND MTC-DBM UI ===== SUPPORT ZOWE API ML AUTHENTICATION IN DBM DS AND MTC-DBM UI ENHANCEMENT DESCRIPTION: The DBM Data Service in the Database Management Solutions for Db2 for z/OS has been enhanced to support Zowe API Mediation Layer (Zowe API ML) gateway as an authentication service provider alternative to ESM microservice. Two new REST API authentication endpoints were introduced: ../auth/login - to authenticate a user ../auth/query - to validate authentication token The post-install process was enhanced to allow choosing an authentication service (ESM microservice or Zowe API ML). The Mainframe Team Center - Database Management for Db2 for z/OS user interface (MTC-DBM UI) was enhanced to perform user authentication and validation through the new authentication endpoints of the DBM Data Service. PRODUCT(S) AFFECTED: DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 18109 ===== SUPPORT ZOWE API ML AUTHENTICATION IN DBM DS AND MTC-DBM UI ENHANCEMENT DESCRIPTION: The DBM Data Service in the Database Management Solutions for Db2 for z/OS has been enhanced to support Zowe API Mediation Layer (Zowe API ML) gateway as an authentication service provider alternative to ESM microservice. Two new REST API authentication endpoints were introduced: ../auth/login - to authenticate a user ../auth/query - to validate authentication token The post-install process was enhanced to allow choosing an authentication service (ESM microservice or Zowe API ML). The Mainframe Team Center - Database Management for Db2 for z/OS user interface (MTC-DBM UI) was enhanced to perform user authentication and validation through the new authentication endpoints of the DBM Data Service. PRODUCT(S) AFFECTED: DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: IDB2 17389 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02239-D200 DESC(SUPPORT ZOWE API ML AUTHENTICATION IN DBM DS AND MTC-DBM UI). ++VER (Z038) FMID (CINSK00) PRE (LU00839 LU01526 LU01610 LU01978 LU02472 LU02808 LU03190 LU03703 LU04412 LU05967 LU06755 R097704 R099553 S001396 S006608 S006978 S007807 S009860 S010061 S010162 S010173 S011373 S011684 S012323 S013484 S014401 S015980) SUP (AL02808 AL03417 AL03629 AL03869 AL03879 AL03952 AL03955

Service	Details
	AL04399 AL04400 AL05364 LT01837 LT03417 LT03629 LT03869 LT03879 LT03952 LT03955 LT04399 LT04400 LT05299 LT05326 LT05361 LT05364 LT06297 LT07078 LU01837 LU03417 LU03629 LU03869 LU03879 LU03952 LU03955 LU04399 LU04400 LU05361 LU05364 LU06297 S008825 S011679 S014168 S014491 S015122 ST08825 ST11667 ST11679 ST14168 ST14491 ST15122) ++HOLD (LU07078) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (22244) 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 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). LINK('.. /PDT/ui/mtc-dbm.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(PDTAAMKD,PRE). LINK('.. /PXM/ds/dbm-ds.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(PXMDSSMP,PRE).

Service	Details
LU07096	LU07096 M.C.S. ENTRIES = ++PTF (LU07096) DDL/HDDL COMMAND ON A REMOTE SUBSYSTEM FAILS WITH ABEND PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), the DDL and HDDL commands fail intermittently with an abend on remote subsystem. SYMPTOMS: When the DDL or HDDL command is issued, the following error and dump information is displayed. Error: RC=012, RCODE=0020 OFS Internal error. Dump details: CEE0374C CONDITION=CEE3201S TOKEN=00030C81 59C3C5C5 00000000_00000000 WHILE RUNNING PROGRAM UNKNOWN AT THE TIME OF INTERRUPT PSW 07850401 80000000 00000000_00000002 GPR 0-2 00000000_00135E84 00000000_00000000 00000000_30B05CC0 GPR 3-5 00000000_00135DC8 00000000_00000000 00000000_00000000 GPR 6-8 00000000_00000000 00000000_00000000 00000000_00000000 GPR 9-B 00000000_00000000 00000000_00000000 00000000_00000000 GPR C-E 00000000_00000000 00000000_00000000 00000000_00000000 GPR F 00000000_00000000 CEE3798I ATTEMPTING TO TAKE A DUMP FOR ABEND U4083 TO DATA SET: IMPACT: DDL/HDDL generation is unsuccessful. CIRCUMVENTION: NONE. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: OFS 17646 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02242-D200 DESC (DDL/HDDL COMMAND ON A REMOTE SUBSYSTEM FAILS WITH ABEND). ++VER (Z038) FMID (COFSK00) PRE (LU01979 LU03659 LU04413 LU05035 R099554 S001666 S009184) SUP (LT07096)

Service	Details
LU07146	LU07146 M.C.S. ENTRIES = ++PTF (LU07146) ABEND SOC4-3B NGRABP2 DURING RECOVERY FROM IFI READS ABEND PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) data collector may terminate with an ABEND SOC4-3B in module NGRABP2 if an IFI READS encounters an ABEND. SYMPTOMS: MODULE = NGRABP2C FMID = CIDBK00 RMID = LU02646 NMSPRMVC SOC4 at 1F6CB8D4 LMOD NGRABPC2 CSECT NGRABP2C +001304 COMPLETION CODE SOC4 REASON CODE 0000003B SYSTEM COMPLETION CODE=0C4 REASON CODE=0000003B TIME=14.08.28 SEQ=16231 CPU=0000 ASID=00D1 PSW AT TIME OF ERROR 070C0001 9F6CB8D4 ILC 6 INTC 3B ACTIVE MODULE ADDRESS=00000000_1F6C2000 OFFSET=000098D4 NAME=NGRABPC2 IMPACT: The data collector terminates and must be restarted. CIRCUMVENTION: The fix for the underlying ABEND in DB2 READS must be obtained. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17931 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02245-D200 DESC (ABEND SOC4-3B NGRABP2 DURING RECOVERY FROM IFI READS ABEND). ++VER (Z038) FMID (CIDBK00) PRE (LU02340 LU02634 LU02646 LU03023 LU04411 LU05058 LU05271 LU05999 LU06045 LU06100 LU06161 LU06285 LU06379 LU06511 LU07047 R096575 R097703 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010906 S011465 S011977 S012769 S013508 S013557 S013891 S014099 S015254 S015931) SUP (BC13004 LT06033 LT07146 LU06033 S009743 S014337 S016046 ST09743 ST14337 ST16046)

Service	Details
LU07149	LU07149 M.C.S. ENTRIES = ++PTF (LU07149) ABEND S878 STORAGE LEAK WITH DATASHAREABLE REQUESTS PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) may encounter an ABEND S878 when a datashareable request is started on some, but not all, members of a data sharing group. SYMPTOMS: Accumulation of storage in subpool 129. Failure of data collector with ABEND code S878. IMPACT: The data collector terminates and must be restarted. CIRCUMVENTION: Start the request on all members of the data sharing group. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 18154 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02246-D200 DESC (ABEND S878 STORAGE LEAK WITH DATASHAREABLE REQUESTS) . ++VER (Z038) FMID (CIDBK00) PRE (LU01041 LU01829 LU02118 LU02303 LU03286 LU04411 LU05497 R097703 S001395 S004454 S006112 S006862 S006977 S007806 S008846 S010160 S014016 S014642 S015931 S016300) SUP (LT07149 ST05936)

Service	Details
LU07168	LU07168 M.C.S. ENTRIES = ++PTF (LU07168) PFR SILENTLY ACCEPTS DBNAME OR TSNAME GREATER THAN 8 CHARS PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) may accept DBNAME, TSNAME, ISNAME greater than 8 characters without returning an error from the keyword processor. RECOVER INDEX(ALL) may also fail with PFR0046E even for correct tablespace name. SYMPTOMS: Recover may fail with RC=8 and below error. PFR0046E - TABLESPACE 'DDDDDDD.TTTTTTTT' NOT FOUND Here 'TTTTTTTT' is the first 8 characters of TSNAME. PFR0046E - TABLESPACE '.' NOT FOUND PFR0404E - DATABASE 'DDDDDDDD' NOT FOUND. EITHER THE DATABASE NAME HAS BEEN MIS-SPELLED OR IT HAS BEEN FOUND TO BE EMPTY. Here 'DDDDDDDD' is the first 8 characters of DBNAME. IMPACT: Recovery may fail when incorrect syntax is passed through keyword processor. CIRCUMVENTION: Correct the length of DBNAME,TSNAME OR ISNAME and avoid using quotes. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 17817 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02247-D200 DESC(PFR SILENTLY ACCEPTS DBNAME OR TSNAME GREATER THAN 8 CHARS). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00689 LU00728 LU01717 LU04435 LU04966 LU05850 LU06034 R096595 R099574 S000029 S000788 S001660 S004251 S006132 S008280 S008466 S008833 S012155 S012279 S012530 S013768 S014568) SUP (LT04948 LT07168 S011930 ST11930)

Service	Details
LU07180	LU07180 M.C.S. ENTRIES = ++PTF (LU07180) PFU0146E - INTERNAL PROCESSING ERROR UTAFUULT - 001 PROBLEM DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) can fail with error message PFU0146E when 'SHRLEVEL CHANGE,BP-LOOKUP' is specified and DML activity on the unloaded object affects the Db2 buffer pool(s). The processing of the unload completes incorrectly with a return code of 0 when PFU0146E is issued. SYMPTOMS: The error message PFU0146E is printed to the PTIMSGnn output. The return code from the PFU step is 0. IMPACT: Unload processing does not complete successfully and the error message is not reflected in the return code. CIRCUMVENTION: Specify SHRLEVEL IGNORE or SHRLEVEL CHANGE,CONSISTENT and rerun the job. PRODUCT(S) AFFECTED: Fast Unload for Db2 for z/OS Version 20.0 Related Problem: PFU 16845 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02249-D200 DESC(PFU0146E - INTERNAL PROCESSING ERROR UTAFUULT - 001). ++VER (Z038) FMID (CPFUK00) PRE (LU00137 LU00217 LU00886 LU02006 LU02470 LU03353 LU04418 LU05747 LU06918 LU06975 S000019 S001818 S004460 S005013 S006867 S008860 S009025 S011236 S011997 S012151 S014032 S014984 S016195) SUP (LT07180)

Service	Details
LU07181	LU07181 M.C.S. ENTRIES = ++PTF (LU07181) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. For more details access Security Advisories 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: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 18107 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02250-D200 DESC (SECURITY OR INTEGRITY PROBLEM). ++VER (Z038) FMID (CIDBK00) PRE (LU04411 LU05098 R099552 S001395 S005010 S006112) SUP (AL05098 LT07181)

Service	Details
LU07183	LU07183 M.C.S. ENTRIES = ++PTF (LU07183) VARIOUS DML AND DDL REPORT FORM ISSUES PROBLEM DESCRIPTION: Log Analyzer for DB2 for z/OS (PLA) DML and DDL report forms can encounter one or more of the following problems: 1) The output is scrambled and unreadable when using a form created before applying PTF LU03250. 2) The form is scrambled and cannot be saved when updating a form created before applying PTF LU03250. 3) The form is created with Extended Values (Ext. Val.) set to N which is no longer supported, and results in undefined behavior. 4) User abend 0050, reason code 00000060 is returned when creating or updating a form through the DML or DDL Activity Report Options panel. 5) The DML or DDL UR Description panel displays incorrect formatting of the Timestamp and Correlation Id fields in the displayed sample. 6) Error ISPV009 is returned when option A is selected on the DML or DDL Table Description panel to display attributes on the Table Name or Object Identifier field. 7) The title of the DML or DDL UR description panel displays incorrectly. SYMPTOMS: 1) The generated report has blocks of text in incorrect order and the report data is scrambled. 2) The LA472E, LA238E, or LA251E error message, and possibly the ISPP118 error message, is returned when updating a form. 3) None. 4) User abend 0050, reason code 00000060 is returned when creating or updating a form on the DML or DDL Activity Report Options panel. 5) The formatting of the Timestamp and Correlation-Id fields on the displayed sample is incorrect. 6) The ISPV009 error message is returned when option A is used to display attributes on the Table Name or Object Identifier field. 7) The DML UR Description panel title displays as "UR Description or "DDL UR Description". The DDL UR Description panel title displays as "UR Description or "DML UR Description". IMPACT: 1)2) The form created before applying PTF LU03250 is unusable. 3) The form with undefined behavior can be created. 4)6) The ISPF session ends unexpectedly. 5) The displayed sample of the form is incorrect. 7) The form panel title is incorrect. CIRCUMVENTION: 1)2) Create a new form. 4) Use the Profile panel option to make changes to the form. 3)5)6)7) None. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 18123 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02251-D200 DESC(VARIOUS DML AND DDL REPORT FORM ISSUES). ++VER (Z038)

Service	Details
	<pre> FMID (CPLAK00) PRE (LU01040 LU01043 LU01538 LU01869 LU02230 LU03250 LU04004 LU04419 LU05973 LU06217 R099559 S000020 S000975 S004245 S008802 S011113 S011669 S012797 S012889) SUP (AL03250 LT07183) ++HOLD (LU07183) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (22245) COMMENT (+-----+ Log 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
LU07187	LU07187 M.C.S. ENTRIES = ++PTF (LU07187) Continuous Delivery Level Set 20.0.05 ENHANCEMENT DESCRIPTION: Enables activation of Database Management Solutions for Db2 for z/OS Level Set 20.0.05. For activation instructions and a list of the features that are included in this Level Set, refer to the Release Notes at: https://techdocs.broadcom.com/db2mgmt PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: GEN 17483 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02252-D200 DESC(Continuous Delivery Level Set 20.0.05). ++VER (Z038) FMID (CINSK00) PRE (LU00162 LU01290 LU03712 LU04412 LU04945 LU05871 LU05989 LU05995 LU06051 LU06052 LU06115 LU06117 LU06120 LU06148 LU06172 LU06216 LU06261 LU06292 LU06297 LU06298 LU06300 LU06309 LU06321 LU06348 LU06364 LU06398 LU06407 LU06412 LU06430 LU06459 LU06508 LU06541 LU06568 LU06576 LU06601 LU06606 LU06625 LU06629 LU06635 LU06680 LU06688 LU06755 LU06792 LU06887 LU06910 LU06913 LU06921 LU06936 LU07070 LU07077 LU07078 S013827) SUP (LT07187) ++IF FMID(CAHOK00) REQ(LU06746). ++IF FMID(CIDBK00) REQ(LU06109 LU06140 LU06161 LU06166 LU06188 LU06218 LU06229 LU06265 LU06285 LU06361 LU06379 LU06419 LU06503 LU06511 LU06547 LU06553 LU06611 LU06687 LU06842 LU06866 LU06960 LU06965 LU07005 LU07047 LU07110 LU07146 LU07181). ++IF FMID(COFSK00) REQ(LU06230 LU06257 LU06278 LU06630 LU06914 LU07096). ++IF FMID(CPDAK00) REQ(LU06141 LU06301 LU06307 LU06394 LU06584 LU06761 LU06854 LU07004 LU07221). ++IF FMID(CPDTK00) REQ(LU06112 LU06154 LU06264 LU06291 LU06415 LU06460 LU06505 LU06596 LU06694 LU06744 LU06928 LU07100). ++IF FMID(CPFLK00) REQ(LU06076 LU06163 LU06304 LU06365 LU06590 LU06789). ++IF FMID(CPFUK00) REQ(LU06284 LU06305 LU06397 LU06418 LU06662 LU06699 LU06790 LU06918 LU06975). ++IF FMID(CPLAK00) REQ(LU06217 LU06280 LU06399 LU06433 LU06524 LU06546 LU06631 LU06661 LU06836 LU07065 LU07183). ++IF FMID(CPPAK00) REQ(LU06684). ++IF FMID(CPRAK00) REQ(LU06400 LU06432 LU06525 LU06569 LU06863). ++IF FMID(CPRFK00) REQ(LU06707 LU06839 LU06989 LU07092). ++IF FMID(CPRFK01) REQ(LU06708 LU06990 LU07093). ++IF FMID(CPRFK02) REQ(LU06709 LU06991 LU07094).

Service	Details
	++IF FMID(CPSAK00) REQ(LU06137 LU06683). ++IF FMID(CPUTK00) REQ(LU06206 LU06289 LU06299 LU06366 LU06591 LU06791 LU06826 LU06976). ++IF FMID(CRCMK00) REQ(LU06747). ++IF FMID(CRCQK00) REQ(LU06136 LU06152 LU06302 LU06413 LU06750 LU06919). ++IF FMID(CRC SK00) REQ(LU06751). ++IF FMID(CRCUK00) REQ(LU06310 LU06414 LU06577 LU06752 LU06920). ++IF FMID(CRCXK00) REQ(LU06632 LU06753 LU07067). ++IF FMID(CSQ2100) REQ(LU06357). ++IF FMID(CTGRK00) REQ(LU06311 LU06649). ++IF FMID(CUGRK00) REQ(LU06213 LU06401 LU06423 LU06515 LU06526 LU06570 LU06858 LU06862 LU07168).

Service	Details												
LU07203	LU07203 M.C.S. ENTRIES = ++PTF (LU07203) RCQ DISPLAY OF LEVEL SET PROBLEM DESCRIPTION: RC/Query for Db2 for z/OS (RCQ) and the entire Db2 Admin Suite of products have been previously modified to display the installed Level Set on the individual product main menus in the form of VV.R.MM (Ex: 20.0.04). Level Set is now displayed on all batch output and the product version has been removed from sub-panel displays. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Query for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Migrator 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> <tr> <td>RC/Secure for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Extract for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Endevor Interface for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCQ 17605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02254-D200 DESC(RCQ DISPLAY OF LEVEL SET). ++VER (Z038) FMID (CAHOK00) PRE (LU00330 LU04409 LU04949 LU06746) SUP (LT07203) ++IF FMID(CINSK00) REQ(LU07204). ++IF FMID(CRCMK00) REQ(LU07205). ++IF FMID(CRCQK00) REQ(LU07206). ++IF FMID(CRCSK00) REQ(LU07207). ++IF FMID(CRCUK00) REQ(LU07208). ++IF FMID(CRCXK00) REQ(LU07209).	RC/Query for Db2 for z/OS	Version 20.0	RC/Migrator for Db2 for z/OS	Version 20.0	RC/Update for Db2 for z/OS	Version 20.0	RC/Secure for Db2 for z/OS	Version 20.0	RC/Extract for Db2 for z/OS	Version 20.0	Endevor Interface for Db2 for z/OS	Version 20.0
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RC/Extract for Db2 for z/OS	Version 20.0												
Endevor Interface for Db2 for z/OS	Version 20.0												

Service	Details																														
LU07204	LU07204 M.C.S. ENTRIES = ++PTF (LU07204) RCQ DISPLAY OF LEVEL SET PROBLEM DESCRIPTION: RC/Query for Db2 for z/OS (RCQ) and the entire Db2 Admin Suite of products have been previously modified to display the installed Level Set on the individual product main menus in the form of VV.R.MM (Ex: 20.0.04). Level Set is now displayed on all batch output and the product version has been removed from sub-panel displays. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Query for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Migrator 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> <tr> <td>RC/Secure for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Extract for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Endevor Interface for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCQ 17605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02254-D200 DESC(RCQ DISPLAY OF LEVEL SET). ++VER (Z038) FMID (CINSK00) PRE (LU00332 LU00446 LU01367 LU03657 LU04149 LU04412 LU04896 LU05886 LU06051 LU06755 R099553 S000016 S004455 S004718 S006638 S007807 S008128 S011078 S011866 S011966 S012219 S012361 S013417 S014832 S015980) SUP (LT07204) ++IF FMID(CAHOK00) REQ(LU07203). ++IF FMID(CRCMK00) REQ(LU07205). ++IF FMID(CRCQK00) REQ(LU07206). ++IF FMID(CRCSK00) REQ(LU07207). ++IF FMID(CRCUK00) REQ(LU07208). ++IF FMID(CRCXK00) REQ(LU07209). ++HOLD (LU07204) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (22251) 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 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> </table>	RC/Query for Db2 for z/OS	Version 20.0	RC/Migrator for Db2 for z/OS	Version 20.0	RC/Update for Db2 for z/OS	Version 20.0	RC/Secure for Db2 for z/OS	Version 20.0	RC/Extract for Db2 for z/OS	Version 20.0	Endevor Interface for Db2 for z/OS	Version 20.0	+-----+		Db2 Common Components	Version 20.0	+-----+		SEQUENCE After Apply		+-----+		PURPOSE Relink XMESSAGES		+-----+		USERS		AFFECTED All Db2 Tools Users	
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Service	Details
	<pre> +-----+-----+ 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(IQASQL1,IQA\$CVT,@#EABLDL,@#EA_DIR). CSECT(RMA\$MAIN,RMMSASPF,RMMSRSPF,RMA\$CVT,@#EABLDL,@#XFCALN). </pre>

Service	Details												
LU07205	LU07205 M.C.S. ENTRIES = ++PTF (LU07205) RCQ DISPLAY OF LEVEL SET PROBLEM DESCRIPTION: RC/Query for Db2 for z/OS (RCQ) and the entire Db2 Admin Suite of products have been previously modified to display the installed Level Set on the individual product main menus in the form of VV.R.MM (Ex: 20.0.04). Level Set is now displayed on all batch output and the product version has been removed from sub-panel displays. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Query for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Migrator 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> <tr> <td>RC/Secure for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Extract for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Endevor Interface for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCQ 17605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02254-D200 DESC(RCQ DISPLAY OF LEVEL SET). ++VER (Z038) FMID (CRCMK00) PRE (LU00338 LU04429 LU06747) SUP (LT07205) ++IF FMID(CAHOK00) REQ(LU07203). ++IF FMID(CINSK00) REQ(LU07204). ++IF FMID(CRCQK00) REQ(LU07206). ++IF FMID(CRCSK00) REQ(LU07207). ++IF FMID(CRCUK00) REQ(LU07208). ++IF FMID(CRCXK00) REQ(LU07209).	RC/Query for Db2 for z/OS	Version 20.0	RC/Migrator for Db2 for z/OS	Version 20.0	RC/Update for Db2 for z/OS	Version 20.0	RC/Secure for Db2 for z/OS	Version 20.0	RC/Extract for Db2 for z/OS	Version 20.0	Endevor Interface for Db2 for z/OS	Version 20.0
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Endevor Interface for Db2 for z/OS	Version 20.0												

Service	Details																														
LU07206	LU07206 M.C.S. ENTRIES = ++PTF (LU07206) RCQ DISPLAY OF LEVEL SET PROBLEM DESCRIPTION: RC/Query for Db2 for z/OS (RCQ) and the entire Db2 Admin Suite of products have been previously modified to display the installed Level Set on the individual product main menus in the form of VV.R.MM (Ex: 20.0.04). Level Set is now displayed on all batch output and the product version has been removed from sub-panel displays. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Query for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Migrator 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> <tr> <td>RC/Secure for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Extract for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Endevor Interface for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCQ 17605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02254-D200 DESC(RCQ DISPLAY OF LEVEL SET). ++VER (Z038) FMID (CRCQK00) PRE (LU00339 LU00413 LU01410 LU03662 LU04430 LU04952 LU05797 LU06750 R096593 R099569 S000025 S001414 S006875 S009865 S010163 S012229 S014335) SUP (LT02735 LT07206 S007954 ST07954 TR99761 TR99776 TR99791 TR99806 TR99821 TR99873) ++IF FMID(CAHOK00) REQ(LU07203). ++IF FMID(CINSK00) REQ(LU07204). ++IF FMID(CRCMK00) REQ(LU07205). ++IF FMID(CRCSK00) REQ(LU07207). ++IF FMID(CRCUK00) REQ(LU07208). ++IF FMID(CRCXK00) REQ(LU07209). ++HOLD (LU07206) SYSTEM FMID(CRCQK00) REASON (MSGSKEL) DATE (22251) COMMENT (<table> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> RC/Query for Db2 for z/OS</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> </table>	RC/Query for Db2 for z/OS	Version 20.0	RC/Migrator for Db2 for z/OS	Version 20.0	RC/Update for Db2 for z/OS	Version 20.0	RC/Secure for Db2 for z/OS	Version 20.0	RC/Extract for Db2 for z/OS	Version 20.0	Endevor Interface for Db2 for z/OS	Version 20.0	+-----+		RC/Query for Db2 for z/OS	Version 20.0	+-----+		SEQUENCE After Apply		+-----+		PURPOSE Relink XMESSAGES		+-----+		USERS		AFFECTED All Db2 Tools Users	
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Service	Details
	<pre> +-----+-----+ 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(RQAMI,#@XFCALN,RQDCOM@,RQAISOL@,RQAMICST).</pre>

Service	Details												
LU07207	LU07207 M.C.S. ENTRIES = ++PTF (LU07207) RCQ DISPLAY OF LEVEL SET PROBLEM DESCRIPTION: RC/Query for Db2 for z/OS (RCQ) and the entire Db2 Admin Suite of products have been previously modified to display the installed Level Set on the individual product main menus in the form of VV.R.MM (Ex: 20.0.04). Level Set is now displayed on all batch output and the product version has been removed from sub-panel displays. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Query for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Migrator 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> <tr> <td>RC/Secure for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Extract for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Endevor Interface for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCQ 17605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02254-D200 DESC(RCQ DISPLAY OF LEVEL SET). ++VER (Z038) FMID (CRCSK00) PRE (LU04431 LU04953) SUP (LT07207) ++IF FMID(CAHOK00) REQ(LU07203). ++IF FMID(CINSK00) REQ(LU07204). ++IF FMID(CRCMK00) REQ(LU07205). ++IF FMID(CRCQK00) REQ(LU07206). ++IF FMID(CRCUK00) REQ(LU07208). ++IF FMID(CRCXK00) REQ(LU07209).	RC/Query for Db2 for z/OS	Version 20.0	RC/Migrator for Db2 for z/OS	Version 20.0	RC/Update for Db2 for z/OS	Version 20.0	RC/Secure for Db2 for z/OS	Version 20.0	RC/Extract for Db2 for z/OS	Version 20.0	Endevor Interface for Db2 for z/OS	Version 20.0
RC/Query for Db2 for z/OS	Version 20.0												
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RC/Secure for Db2 for z/OS	Version 20.0												
RC/Extract for Db2 for z/OS	Version 20.0												
Endevor Interface for Db2 for z/OS	Version 20.0												

Service	Details												
LU07208	LU07208 M.C.S. ENTRIES = ++PTF (LU07208) RCQ DISPLAY OF LEVEL SET PROBLEM DESCRIPTION: RC/Query for Db2 for z/OS (RCQ) and the entire Db2 Admin Suite of products have been previously modified to display the installed Level Set on the individual product main menus in the form of VV.R.MM (Ex: 20.0.04). Level Set is now displayed on all batch output and the product version has been removed from sub-panel displays. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Query for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Migrator 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> <tr> <td>RC/Secure for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Extract for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Endevor Interface for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCQ 17605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02254-D200 DESC(RCQ DISPLAY OF LEVEL SET). ++VER (Z038) FMID (CRCUK00) PRE (LU00341 LU00449 LU03663 LU04150 LU04432 LU05177 LU05888 LU06752 R099571 S000026 S004472 S004720 S010975 S011867 S011970 S012365) SUP (LT07208) ++IF FMID(CAHOK00) REQ(LU07203). ++IF FMID(CINSK00) REQ(LU07204). ++IF FMID(CRCMK00) REQ(LU07205). ++IF FMID(CRCQK00) REQ(LU07206). ++IF FMID(CRCSK00) REQ(LU07207). ++IF FMID(CRCXK00) REQ(LU07209).	RC/Query for Db2 for z/OS	Version 20.0	RC/Migrator for Db2 for z/OS	Version 20.0	RC/Update for Db2 for z/OS	Version 20.0	RC/Secure for Db2 for z/OS	Version 20.0	RC/Extract for Db2 for z/OS	Version 20.0	Endevor Interface for Db2 for z/OS	Version 20.0
RC/Query for Db2 for z/OS	Version 20.0												
RC/Migrator for Db2 for z/OS	Version 20.0												
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RC/Secure for Db2 for z/OS	Version 20.0												
RC/Extract for Db2 for z/OS	Version 20.0												
Endevor Interface for Db2 for z/OS	Version 20.0												

Service	Details												
LU07209	LU07209 M.C.S. ENTRIES = ++PTF (LU07209) RCQ DISPLAY OF LEVEL SET PROBLEM DESCRIPTION: RC/Query for Db2 for z/OS (RCQ) and the entire Db2 Admin Suite of products have been previously modified to display the installed Level Set on the individual product main menus in the form of VV.R.MM (Ex: 20.0.04). Level Set is now displayed on all batch output and the product version has been removed from sub-panel displays. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Query for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Migrator 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> <tr> <td>RC/Secure for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Extract for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Endevor Interface for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCQ 17605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02254-D200 DESC(RCQ DISPLAY OF LEVEL SET). ++VER (Z038) FMID (CRCXK00) PRE (LU00342 LU00411 LU04433 LU06753 R099572 R099853 S011079) SUP (LT07209) ++IF FMID(CAHOK00) REQ(LU07203). ++IF FMID(CINSK00) REQ(LU07204). ++IF FMID(CRCMK00) REQ(LU07205). ++IF FMID(CRCQK00) REQ(LU07206). ++IF FMID(CRCSK00) REQ(LU07207). ++IF FMID(CRCUK00) REQ(LU07208).	RC/Query for Db2 for z/OS	Version 20.0	RC/Migrator for Db2 for z/OS	Version 20.0	RC/Update for Db2 for z/OS	Version 20.0	RC/Secure for Db2 for z/OS	Version 20.0	RC/Extract for Db2 for z/OS	Version 20.0	Endevor Interface for Db2 for z/OS	Version 20.0
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RC/Extract for Db2 for z/OS	Version 20.0												
Endevor Interface for Db2 for z/OS	Version 20.0												

Service	Details
LU07221	LU07221 M.C.S. ENTRIES = ++PTF (LU07221) FIRST JOB IN ACTION JCL HAS NO STEPS WHEN DU CODE SELECTED PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) can generate Action JCL in which the first job has no steps under the following conditions: - The Dynamic Utility (DU) code is selected in the Action Procedure - The first object selected for processing is a multi-part partitioned tablespace - More than one Action JCL job is generated The Action JCL after the first job is correct and processes all the objects selected for maintenance. SYMPTOMS: The first job in the Action JCL has no steps and fails. A JCL error and the following message are issued: IEFC607I JOB HAS NO STEPS IMPACT: The first job in the Action JCL fails when executed. CIRCUMVENTION: Do not execute the Action JCL for the first job. The remaining Action JCL can be executed. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 18200 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02255-D200 DESC(FIRST JOB IN ACTION JCL HAS NO STEPS WHEN DU CODE SELECTED). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00891 LU01089 LU02456 LU03680 LU04415 LU06141 LU06301 LU06854 S000017 S006115) SUP (AL00146 BL00146 LT00257 LT00475 LT02194 LT06394 LT07221 LU00257 LU00475 LU06394 ST05436 ST05467 ST05510 ST05806 ST05830)

Service	Details
LU07235	LU07235 M.C.S. ENTRIES = ++PTF (LU07235) The following items are included in this solution: 1. OPEN LOG RANGES ARE IGNORED ON DATA SHARING SUBSYSTEMS 2. RECOVERY ESTIMATOR MISSING SQL ERROR MESSAGES WITH EST2021E ===== OPEN LOG RANGES ARE IGNORED ON DATA SHARING SUBSYSTEMS PROBLEM DESCRIPTION: The Recovery Estimator ignores open log ranges from being calculated for estimation on data sharing subsystems. SYMPTOMS: Open log ranges are ignored on data sharing subsystems. IMPACT: The Recovery Estimator does not correctly estimate the recovery time. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 17986 ===== RECOVERY ESTIMATOR MISSING SQL ERROR MESSAGES WITH EST2021E PROBLEM DESCRIPTION: The RECOVERY ESTIMATOR does not always show the correct SQL error messages when ending with a RC=8 and error message EST2021E is issued. EST2021E - SQL error with code 0. SYMPTOMS: THE RECOVERY ESTIMATOR ends with RC=8 and error message EST2021E is issued without further SQL error messages. IMPACT: Appropriate SQL error messages are not shown when an error occurs making it difficult to diagnose and fix the problem. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 17880 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02256-D200 DESC(OPEN LOG RANGES ARE IGNORED ON DATA SHARING SUBSYSTEMS). ++VER (Z038) FMID (CINSK00) PRE (LU00227 LU01178 LU01405 LU01673 LU02061 LU02117 LU02197 LU02363 LU02609 LU03520 LU04369 LU04412 LU04960 LU06541 S015311 S015864) SUP (AL01405 LT00559 LT01643 LT01696 LT07235 LU01696)

Service	Details
LU07248	LU07248 M.C.S. ENTRIES = ++PTF (LU07248) QUICK MIGRATE OF TABLE GENERATES ERRONEOUS CREATE TABLESPACE PROBLEM DESCRIPTION: When using RC/Migrator for Db2 for z/OS(RCM), the quick migrate of a table generates an erroneous create tablespace statement. SYMPTOMS: An erroneous create tablespace statement is generated when you use Quick Migrate to migrate a table. IMPACT: SQL errors are seen when attempting to execute the generated script. CIRCUMVENTION: Manually comment out or remove the erroneous create tablespace statement before executing the script. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 18243 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02258-D200 DESC(QUICK MIGRATE OF TABLE GENERATES ERRONEOUS CREATE TABLESPACE) . ++VER (Z038) FMID (CINSK00) PRE (LU00426 LU00446 LU03142 LU03657 LU03856 LU04149 LU04412 LU04573 LU04654 LU04930 LU05739 LU05886 LU06576 R097704 R099553 S001396 S004455 S004718 S006113 S006638 S006863 S007379 S008957 S009105 S010974 S011691 S011866 S011966 S012361 S012933 S013071 S013154 S014125 S014832 S015804) SUP (LT03391 LT05278 LT07247 LT07248 LU03391 LU05278 S009790 S010815 ST09790 ST10815)

Service	Details
LU07254	LU07254 M.C.S. ENTRIES = ++PTF (LU07254) PQC EXCP YES FAILS WITH PQC0095E LISTCAT ERROR PROBLEM DESCRIPTION: Quick Copy for Db2 for z/OS (PQC) may fail to copy tablespace with error messages PQC0095E followed by PQC0192E when EXCP YES is used and the LISTCAT of VSAM has a HIGH-RBA of 12 digits in one of the dataset extent. SYMPTOMS: PQC0095E LISTCAT FOR TABLESPACE FAILED - DSN: (VSAM DATASET NAME) PQC0192E INTERNAL RC 16 AT LOCATION 0160 IMPACT: PQC of tablespace may fail with error. CIRCUMVENTION: Use EXCP NO in the COPY syntax. PRODUCT(S) AFFECTED: Quick Copy for Db2 for z/OS Version 20.0 Related Problem: PQC 18213 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02259-D200 DESC(PQC EXCP YES FAILS WITH PQC0095E LISTCAT ERROR) . ++VER (Z038) FMID (CINSK00) PRE (LU04412 S000016) SUP (LT07254)

Service	Details				
LU07257	LU07257 M.C.S. ENTRIES = ++PTF (LU07257) OFS GENERATES INCORRECT DDL FOR DEFAULTVALUE OF CHAR X'00' PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), the DDL and HDDL commands generate invalid DDL when default value provided is 'x00' for CHARACTER type column. SYMPTOMS: The defaultvalue for the column reads 'x00' as end of value thereby ignoring the appended SINGLEQUOTES at the end. IMPACT: The generated DDL is non-executable. CIRCUMVENTION: None PRODUCTS AFFECTED: <table> <tr> <td>RC/Query for Db2 for z/OS</td><td>20.0</td></tr> <tr> <td>RC/Migrator for Db2 for z/OS</td><td>20.0</td></tr> </table> Related Problem: OFS 18129 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02260-D200 DESC(OFS GENERATES INCORRECT DDL FOR DEFAULTVALUE OF CHAR X'00'). ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU01832 LU02437 LU03315 LU03659 LU04413 LU05528 R096577 R097705 R099554 S001397 S006114 S006864 S008403 S008858 S011921 S013990 S015225 S015440 S015650) SUP (LT07257 S009647 S013781 ST09467 ST09647 ST13781)	RC/Query for Db2 for z/OS	20.0	RC/Migrator for Db2 for z/OS	20.0
RC/Query for Db2 for z/OS	20.0				
RC/Migrator for Db2 for z/OS	20.0				

Service	Details												
LU07262	LU07262 M.C.S. ENTRIES = ++PTF (LU07262) LOG USERS STATISTICS ONLY IF USERS ARE CONNECTED PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) will log USERS statistics to DBGPRINT only if users are connected to the Data Collector. SYMPTOMS: Below message can be seen in DBGPRINT when no users are connected. DBG40011I XXXX SYSVDB2 USERS CONNECTED TO DATA COLLECTOR IDB2XXXX <table><tr><td>USER</td><td>ASID</td><td>LUNAME</td><td>REQUEST</td><td>INPUT-BUFFER</td><td>ABOVE-THE-BAR</td></tr><tr><td>-----</td><td>----</td><td>-----</td><td>-----</td><td>-----</td><td>-----</td></tr></table> NO CA SYSVIEW FOR DB2 USERS CONNECTED IMPACT: DBGPRINT fills up with useless message. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17747 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02261-D200 DESC(LOG USERS STATISTICS ONLY IF USERS ARE CONNECTED). ++VER (Z038) FMID (CIDBK00) PRE (LU00881 LU01041 LU01556 LU04411 S006112 S006862) SUP (LT07262)	USER	ASID	LUNAME	REQUEST	INPUT-BUFFER	ABOVE-THE-BAR	-----	----	-----	-----	-----	-----
USER	ASID	LUNAME	REQUEST	INPUT-BUFFER	ABOVE-THE-BAR								
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Service	Details
LU07264	LU07264 M.C.S. ENTRIES = ++PTF (LU07264) DFSORT BLOCK SUPPORT ENHANCEMENT DESCRIPTION: Fast Load for Db2 for z/OS (PFL) has been enhanced to support DFSORT blocks. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 15083 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02262-D200 DESC(DFSORT BLOCK SUPPORT). ++VER (Z038) FMID (CPFLK00) PRE (LU00178 LU00436 LU00724 LU00983 LU01379 LU01720 LU02243 LU03191 LU03231 LU03577 LU03684 LU03846 LU04159 LU04417 LU04616 LU05207 LU05225 LU05348 LU05457 LU05880 LU06076 LU06304 LU06365 R096581 R097708 R099557 S000018 S000704 S001401 S001656 S004275 S004459 S004857 S005012 S005502 S006117 S007170 S007811 S008071 S008378 S008428 S009024 S009977 S010195 S010752 S011235 S011325 S011431 S011601 S011846 S011946 S011996 S012128 S012150 S012275 S012526 S013066 S013097 S013175 S013203 S013765 S014031 S014772 S015015 S015312 S015484 S015738 S016089) SUP (AL00983 AS14772 LT02258 LT02485 LT02641 LT07264 LU02258 LU02485 LU02641 S015771 ST15281 ST15288 ST15771 TR99436)

Service	Details
LU07265	M.C.S. ENTRIES = ++PTF (LU07265) MERGECOPY CREATE DUPLICATE LP,LB,RP,RB COPY ROWS IN SYSCOPY. PROBLEM DESCRIPTION: Merge/Modify for Db2 for z/OS (PMM) COPY-IMAGE-COPY may create duplicate rows in SYSIBM.SYSCOPY for the same ICBACKUP LP,LB,RP,RB with the same . START_RBA. SYMPTOMS: SYSIBM.SYSCOPY is populated with duplicate rows of same ICBACKUP and same START_RBA. IMPACT: Creating duplicate rows is not consistent with IBM. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Merge/Modify for Db2 for z/OS Version 20.0 Related Problem: PMM 18087 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02263-D200 DESC(MERGECOPY CREATE DUPLICATE LP,LB,RP,RB COPY ROWS IN SYSCOPY.). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00275 LU00689 LU00728 LU01182 LU01292 LU01998 LU02712 LU03214 LU03235 LU03759 LU03859 LU04103 LU04435 LU05850 LU05857 LU06423 R096595 R099574 S000029 S000788 S001418 S001660 S001855 S004249 S004251 S004475 S004799 S005018 S006132 S006879 S007826 S008280 S009595 S009748 S009903 S010201 S010306 S010553 S010818 S011382 S011605 S012155 S012279 S012352 S012530 S012902 S013130 S013586 S013768 S014483 S014568) SUP (AL05695 AL05850 LT01127 LT01534 LT02015 LT02048 LT02385 LT04732 LT05695 LT05816 LT06000 LT06213 LT07265 LU01127 LU01534 LU02048 LU02385 LU04732 LU05695 LU05816 LU06000 LU06213 S014863 S015817 ST14863 ST15817) ++HOLD (LU07265) SYSTEM FMID(CUGRK00) REASON (DB2BIND) DATE (22256) COMMENT (-----+ Utility General Recovery 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
	<pre> +-----+-----+ ***** * 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.). ++HOLD (LU07265) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (22256) COMMENT (+-----+-----+ 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 +-----+-----+ ***** * 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
LU07268	LU07268 M.C.S. ENTRIES = ++PTF (LU07268) ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES ENHANCEMENT DESCRIPTION: RC/Migrator for Db2 for z/OS has been enhanced to support migrating tables whose first LOB column was originally created with CURRENT RULES = 'STD'. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 17711 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02264-D200 DESC(ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES). ++VER (Z038) FMID (CINSK00) PRE (LU00127 LU00135 LU00399 LU00426 LU00432 LU00446 LU00508 LU00530 LU00914 LU01121 LU01705 LU02345 LU03142 LU03314 LU03657 LU03838 LU03856 LU03923 LU04136 LU04149 LU04412 LU04463 LU04573 LU04874 LU04930 LU04950 LU05089 LU05111 LU05156 LU05296 LU05382 LU05629 LU05739 LU05886 LU06508 LU06576 LU06629 R096576 R097704 R099553 S000016 S001396 S001665 S001896 S004455 S004718 S004855 S005011 S005199 S006113 S006286 S006638 S006863 S007323 S007379 S007807 S007955 S008128 S008278 S008291 S008606 S008662 S008859 S008957 S009105 S009183 S009356 S009417 S009799 S009860 S010066 S010292 S010974 S011691 S011866 S011966 S012147 S012361 S012650 S012751 S012817 S012933 S013071 S013193 S013930 S013985 S014125 S014615 S014832 S015804 S015998 S016032) SUP (AR97704 AS06638 BS06638 LT00368 LT00613 LT00639 LT00698 LT00930 LT00968 LT00989 LT01118 LT01151 LT01357 LT01376 LT01508 LT01958 LT01999 LT02053 LT02212 LT02420 LT02945 LT03259 LT03291 LT03391 LT03603 LT04146 LT04154 LT04167 LT04458 LT04483 LT04529 LT04654 LT04746 LT04813 LT05109 LT05142 LT05242 LT05278 LT05331 LT05359 LT05590 LT05764 LT05808 LT05982 LT05989 LT06052 LT06115 LT06117 LT06172 LT06321 LT06407 LT06430 LT06635 LT06913 LT07177 LT07198 LT07247 LT07248 LT07268 LU00368 LU00613 LU00639 LU00698 LU00968 LU00989 LU01118 LU01151 LU01357 LU01376 LU01508 LU01958 LU01999 LU02053 LU02212 LU02420 LU02945 LU03259 LU03291 LU03391 LU04146 LU04167 LU04458 LU04483 LU04529 LU04654 LU04746 LU04813 LU05109 LU05142 LU05242 LU05278 LU05331 LU05359 LU05590 LU05764 LU05989 LU06052 LU06115 LU06117 LU06172 LU06321 LU06407 LU06430 LU06635 LU06913 LU07248 R099748 S000343 S005237 S007167 S007412 S008051 S008198 S008202 S008262 S008330 S008414 S008467 S008856 S009033 S009125 S009126 S009602 S009790 S009839 S009892 S009893 S010021 S010046 S010331 S010437 S010512 S010631 S010763 S010815 S010827 S010948 S010978 S011048 S011231 S011261 S011696 S011737 S011806 S011942 S011988 S012042 S012164 S012249 S012524 S012792 S012812 S012829 S012994 S013149 S013154 S013229 S013352 S013539 S013726 S013794

Service	Details
	SO13814 SO13878 SO13974 SO14623 SO15444 SO15449 SO15506 SO15613 SO16024 SO16031 SO16053 SO16088 SO16176 ST00343 ST05065 ST05237 ST06695 ST07167 ST07198 ST07412 ST08051 ST08198 ST08202 ST08262 ST08330 ST08395 ST08414 ST08467 ST08760 ST08780 ST08856 ST08916 ST08965 ST09031 ST09033 ST09125 ST09126 ST09530 ST09565 ST09602 ST09790 ST09791 ST09839 ST09892 ST09893 ST10021 ST10046 ST10331 ST10437 ST10512 ST10631 ST10763 ST10815 ST10827 ST10948 ST10978 ST11048 ST11231 ST11261 ST11648 ST11696 ST11737 ST11806 ST11942 ST11988 ST12042 ST12164 ST12249 ST12511 ST12524 ST12700 ST12792 ST12812 ST12829 ST12994 ST13149 ST13154 ST13229 ST13352 ST13539 ST13726 ST13794 ST13814 ST13878 ST13974 ST14623 ST15444 ST15449 ST15506 ST15613 ST16011 ST16024 ST16031 ST16053 ST16088 ST16176 TR99748) ++IF FMID(CPFUK00) REQ(LU07269). ++IF FMID(CRCMK00) REQ(LU07270). ++IF FMID(CRCUK00) REQ(LU07271). ++IF FMID(CRCXK00) REQ(LU07272). ++HOLD (LU07268) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (22256) 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. +-----+ ***** * 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.). ++HOLD (LU07268) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (22256)

Service	Details
	COMMENT (<pre> +-----+ 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 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). CSECT (RMA#DBMP,DBMPKWDS,NUM_TAB,O_PAREN) . CSECT (RMA@CSTA,RMA@@XT1,RMA@@XT2,RMA@@XT3,RMA@@XT4,RMA@@XT5,RMA@@XT6, RMA@@XT7) . CSECT (RMA@REP,HEADER2,PAIRHDR2,PAIRHD2V,PAIRHD2A,PAIRH2AV,PAIRHDR3, PAIRHD3V,NDELHDR2,NDELHDR3,EQUALLIN,NOCHGLIN,END_LINE,UNEWHC,EDROPHC, PUNPRC,SHDRC,CHDRC,LSRCAC,LTRGAC) . CSECT (ROATALT,ROXTALT,COUNTCOL,ROATVDEL,TALT_TBS) . </pre>

Service	Details
LU07269	LU07269 M.C.S. ENTRIES = ++PTF (LU07269) ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES ENHANCEMENT DESCRIPTION: RC/Migrator for Db2 for z/OS has been enhanced to support migrating tables whose first LOB column was originally created with CURRENT RULES = 'STD'. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 17711 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02264-D200 DESC(ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES). ++VER (Z038) FMID (CPFUK00) PRE (LU00447 LU00886 LU04418 LU05630 LU05887 R099558 S001402 S001818 S004460 S007381 S009107 S011968 S012363 S012934 S015805 S016195) SUP (LT05584 LT07199 LT07269 ST08865 ST08980 ST09009) ++IF FMID(CINSK00) REQ(LU07268). ++IF FMID(CRCMK00) REQ(LU07270). ++IF FMID(CRCUK00) REQ(LU07271). ++IF FMID(CRCXK00) REQ(LU07272).

Service	Details
LU07270	LU07270 M.C.S. ENTRIES = ++PTF (LU07270) ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES ENHANCEMENT DESCRIPTION: RC/Migrator for Db2 for z/OS has been enhanced to support migrating tables whose first LOB column was originally created with CURRENT RULES = 'STD'. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 17711 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02264-D200 DESC(ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES). ++VER (Z038) FMID (CRCMK00) PRE (LU04429) SUP (LT07200 LT07270) ++IF FMID(CINSK00) REQ(LU07268). ++IF FMID(CPFUK00) REQ(LU07269). ++IF FMID(CRCUK00) REQ(LU07271). ++IF FMID(CRCXK00) REQ(LU07272).

Service	Details
LU07271	LU07271 M.C.S. ENTRIES = ++PTF (LU07271) ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES ENHANCEMENT DESCRIPTION: RC/Migrator for Db2 for z/OS has been enhanced to support migrating tables whose first LOB column was originally created with CURRENT RULES = 'STD'. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 17711 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02264-D200 DESC(ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES). ++VER (Z038) FMID (CRCUK00) PRE (LU00449 LU03663 LU04150 LU04432 LU05888 R099571 S001415 S007383 S007824 S009109 S011867 S011970 S012365 S012936) SUP (LT07201 LT07271) ++IF FMID(CINSK00) REQ(LU07268). ++IF FMID(CPFUK00) REQ(LU07269). ++IF FMID(CRCMK00) REQ(LU07270). ++IF FMID(CRCXK00) REQ(LU07272).

Service	Details
LU07272	LU07272 M.C.S. ENTRIES = ++PTF (LU07272) ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES ENHANCEMENT DESCRIPTION: RC/Migrator for Db2 for z/OS has been enhanced to support migrating tables whose first LOB column was originally created with CURRENT RULES = 'STD'. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 17711 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02264-D200 DESC(ADDING SET CURRENT RULES SUPPORT FOR MIGRATION STRATEGIES). ++VER (Z038) FMID (CRCXK00) PRE (LU00411 LU00450 LU03318 LU03664 LU03926 LU04151 LU04433 LU05635 LU05889 LU06632 LU07067 R099572 R099853 S000027 S001416 S007384 S009110 S011079 S011868 S011971 S012366 S012937 S015807) SUP (LT07202 LT07272) ++IF FMID(CINSK00) REQ(LU07268). ++IF FMID(CPFUK00) REQ(LU07269). ++IF FMID(CRCMK00) REQ(LU07270). ++IF FMID(CRCUK00) REQ(LU07271).

Service	Details
LU07278	LU07278 M.C.S. ENTRIES = ++PTF (LU07278) RCQ INDEX PQTY SECQTY NEGATIVE VALUE DISPLAY PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), the Index List report displays a negative PQTY or SECQTY value as a positive number. SYMPTOMS: Incorrect PQTY or SECQTY value may be displayed. IMPACT: Customer is given inaccurate data. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 18190 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02265-D200 DESC(RCQ INDEX PQTY SECQTY NEGATIVE VALUE DISPLAY). ++VER (Z038) FMID (CRCQK00) PRE (LU04430 LU05797 LU06919 R099569 S001414 S004471 S006875 S007822 S008608 S010468 S013083) SUP (LT07278)

Service	Details
LU07311	LU07311 M.C.S. ENTRIES = ++PTF (LU07311) ABEND U0357 IN PFR DUE TO MISSING PAGES IN THE PQC INCR. IC PROBLEM DESCRIPTION: Incremental image copy taken by Quick Copy for DB2 for z/OS (PQC) with MODIFYBITS NO and SHRLEVEL CHANGE for a Universal Table Space (UTS) may have some pages missing from them. Fast Recover for Db2 for z/OS (PFR) when recovering such a UTS may fail with an ABEND U0357. SYMPTOMS: PFR job terminates with an ABEND U0357. IMPACT: PFR recovery process may terminate without recovering objects. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Quick Copy for DB2 for z/OS (PQC) Version 20.0 Related Problem: PQC 18136 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02266-D200 DESC (ABEND U0357 IN PFR DUE TO MISSING PAGES IN THE PQC INCR. IC). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU01936 LU02529 LU02762 LU04435 LU06423 R099574 S000029 S000201 S001660 S004475 S005018 S006069 S006132 S006879 S007826 S008668 S009132 S009903 S011239 S015308 S015487 S015609 S016181) SUP (LT01893 LT02307 LT03073 LT05422 LT07311 LU01893 LU02307 LU03073 LU05422)

Service	Details
LU07315	LU07315 M.C.S. ENTRIES = ++PTF (LU07315) RECOVERY NOT GENERATING ALTER TABLE DDL TO DROP A COLUMN PROBLEM DESCRIPTION: When using RC/Migrator for DB2 for z/OS (RCM) to add a new column at the end of a table, the alter table DDL to drop the column is missing from the input to .CALL SNAPSHOT. This happens when the dependent view depends on the column. SYMPTOMS: The alter table DDL to drop the column will be missing from the input to .CALL SNAPSHOT. When executing the analysis output, the recovery script will include DDL to drop/create the table. IMPACT: The table will be unnecessarily dropped and created in order to recover to its original status. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 18256 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02267-D200 DESC (RECOVERY NOT GENERATING ALTER TABLE DDL TO DROP A COLUMN) . ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03142 LU03657 LU04149 LU04412 LU05886 LU06576 LU07268 S001396 S004455 S004718 S007379 S009105 S011691 S011966 S012361 S012933 S015804) SUP (LT07315 S010437 ST10437)

Service	Details
LU07346	LU07346 M.C.S. ENTRIES = ++PTF (LU07346) TCP TABLE RECREATED WHEN ALTERING LIMIT KEY VALUES PROBLEM DESCRIPTION: When using RC/Migrator for Db2 for z/OS (RCM) to add more than one partition, the table is drop/created when the following conditions are true: 1) The partitioning key is defined with a single column. 2) The existing last partition has a limit key value of MINVALUE/MAXVALUE. 3) Multiple new partitions are added with limit key values in order. 4) The new last partition limit key value uses MINVALUE/MAXVALUE. SYMPTOMS: The table is dropped and created. IMPACT: Instead of generating Alter table DDL to alter or add partitions, the table is unnecessarily dropped and recreated. This will cause unnecessary unload and load. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 18309 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02269-D200 DESC(TCP TABLE RECREATED WHEN ALTERING LIMIT KEY VALUES) . ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 LU03142 LU03657 LU04149 LU04412 LU04813 LU05886 LU06576 LU07268 S004455 S004718 S007379 S011691 S011966 S012361 S012933 S015804) SUP (LT06052 LT06407 LT07346 LU06052 LU06407)

Service	Details
LU07359	LU07359 M.C.S. ENTRIES = ++PTF (LU07359) SOC1 ABEND WHEN COMPARING TRIGGERS WHOSE PARENT TABLE HAS RI PROBLEM DESCRIPTION: When analyzing a compare strategy using CA RC/Compare for DB2 for z/OS (RCC), the analysis may end with a SOC1 abend with a reason code 1 when the following conditions are true: 1) Trigger objects are paired. 2) The tables referenced in the triggered-action are involed in referentail constraints. SYMPTOMS: RMA365E ***** RMA365E * * RMA365E * RC/MIGRATOR ANALYSIS ABEND HAS OCCURED * RMA365E * RMA@ESTA GENERAL PURPOSE ESTAE EXIT ENTERED * RMA365E * * RMA365E * ABEND CODE WAS:SOC1. REASON CODE WAS: 00000001 * RMA365E * * RMA365E * RMA@ESTA GENERAL PURPOSE ESTAE EXIT EXITING * RMA365E * * RMA365E ***** IDIO001I Fault Analyzer V14R1M16 (UI79350 2022/02/07) invoked by IDIXD IDIO002I Module RML@BLDC, CSECT RMA@XTRE, offset X'18A6': Abend SOC1 (IDIO003I Fault ID F36534 assigned in history file ZDC0.BAT34.HIST IEA995I SYMPTOM DUMP OUTPUT 819 SYSTEM COMPLETION CODE=OC1 REASON CODE=00000001 TIME=14.05.35 SEQ=01729 CPU=0000 ASID=0154 PSW AT TIME OF ERROR 478D0000 80000002 ILC 2 INTC 01 NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 00000000 - 00000000 00000000 00000000 AR/GR 0: 00000000/28108160 1: 00000000/2803D7A4 2: 00000000/00FD5F88 3: 00000000/00000000 4: 00000000/7FFFF000 5: 00000000/7FFFF000 6: 00000000/7FFFF000 7: 00000000/7FFFF000 8: 00000000/7FFFF000 9: 00000000/7FFFF000 A: 00000000/00000000 B: 00000000/00000000 C: 00000000/7FFFF000 D: 00000000/7FFFF000 E: 00000000/00000000 F: FFFFFFFE/2803FF70 IMPACT: Users will not be able to successfully analyze the compare strategy. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 18173 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02270-D200 DESC(SOC1 ABEND WHEN COMPARING TRIGGERS WHOSE PARENT TABLE HAS RI). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04412 LU05886 LU06576 LU07268 R096576

Service	Details
	R097704 R099553 S001396 S004455 S004718 S006638 S006863 S007379 S008606 S009105 S011691 S011966 S012361 S012933 S013154 S015804) SUP (LT01357 LT06115 LT07359 LU01357 LU06115 S011988 ST11988)

Service	Details
LU07372	LU07372 M.C.S. ENTRIES = ++PTF (LU07372) The following items are included in this solution: 1. PFR FAILS WITH ERROR PFR0684E CALL TO IBM 2. OLM LOOP WHEN JCL SUBMITTED BY A USER WHO HAS 8 CHAR USERID ===== PFR FAILS WITH ERROR PFR0684E CALL TO IBM PROBLEM DESCRIPTION: Fast Recover for db2 for z/OS (PFR) fails with error PFR0684E message when LAST-RBA, LAST-LOGPOINT OR LAST-QUIESCE are specified in the syntax and PFR calls IBM to process the objects. SYMPTOMS: The following message is displayed: PFR0684E - THE FAST RECOVER JOB CONTAINS KEYWORD TORBA OR TOLOGPOINT WITH OPTION LAST-RBA, LAST-LOGPOINT OR LAST-QUIESCE. THESE OPTIONS ARE NOT SUPPORTED BY IBM. RETURN CODE = 8, REASON CODE = 16 IMPACT: PFR users might not be able to execute RECOVER TABLESPACE with LAST-RBA, LAST-LOGPOINT OR LAST-QUIESCE. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Fast Recover(PFR) Version 20.0 Related Problem: PFR 18174 ===== OLM LOOP WHEN JCL SUBMITTED BY A USER WHO HAS 8 CHAR USERID PROBLEM DESCRIPTION: Object List Manager(OLM) encounters a loop condition when the JCL is submitted by a user who has an 8 char userid. SYMPTOMS: The following message is repeated until the job is canceled PUT0018I - Invoking Utility OLIST - Statement Number: 001 PUT0050I - History LOG Record created - UTILITY ID: XXXXXXXX.YYYYYYYY IMPACT: PFR users who has an 8 char userid cannot use OLM. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Fast Recover(PFR) Version 20.0 Related Problem: PFR 18233 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02271-D200 DESC(PFR FAILS WITH ERROR PFR0684E CALL TO IBM). ++VER (Z038) FMID (CINSK00) PRE (LU00227 LU01178 LU01405 LU01696 LU02197 LU02363 LU02609 LU04369 LU04412 LU07235 R097704 S000016 S004455 S007807 S012547 S015311 S015864) SUP (LT07372) ++IF FMID(CUGRK00) REQ(LU07373).

Service	Details
LU07373	LU07373 M.C.S. ENTRIES = ++PTF (LU07373) The following items are included in this solution: 1. PFR FAILS WITH ERROR PFR0684E CALL TO IBM 2. OLM LOOP WHEN JCL SUBMITTED BY A USER WHO HAS 8 CHAR USERID ===== PFR FAILS WITH ERROR PFR0684E CALL TO IBM PROBLEM DESCRIPTION: Fast Recover for db2 for z/OS (PFR) fails with error PFR0684E message when LAST-RBA, LAST-LOGPOINT OR LAST-QUIESCE are specified in the syntax and PFR calls IBM to process the objects. SYMPTOMS: The following message is displayed: PFR0684E - THE FAST RECOVER JOB CONTAINS KEYWORD TORBA OR TOLOGPOINT WITH OPTION LAST-RBA, LAST-LOGPOINT OR LAST-QUIESCE. THESE OPTIONS ARE NOT SUPPORTED BY IBM. RETURN CODE = 8, REASON CODE = 16 IMPACT: PFR users might not be able to execute RECOVER TABLESPACE with LAST-RBA, LAST-LOGPOINT OR LAST-QUIESCE. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Fast Recover(PFR) Version 20.0 Related Problem: PFR 18174 ===== OLM LOOP WHEN JCL SUBMITTED BY A USER WHO HAS 8 CHAR USERID PROBLEM DESCRIPTION: Object List Manager(OLM) encounters a loop condition when the JCL is submitted by a user who has an 8 char userid. SYMPTOMS: The following message is repeated until the job is canceled PUT0018I - Invoking Utility OLIST - Statement Number: 001 PUT0050I - History LOG Record created - UTILITY ID: XXXXXXXX.YYYYYYYY IMPACT: PFR users who has an 8 char userid cannot use OLM. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Fast Recover(PFR) Version 20.0 Related Problem: PFR 18233 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02271-D200 DESC(PFR FAILS WITH ERROR PFR0684E CALL TO IBM). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU04435 LU05850 R096595 R099574 S000029 S000788 S001660 S004251 S006132 S008280 S012155) SUP (LT07373) ++IF FMID(CINSK00) REQ(LU07372).

Service	Details
LU07375	LU07375 M.C.S. ENTRIES = ++PTF (LU07375) LOB PROCESSING FAILURES IN DML ACTIVITY REPORTING PROBLEM DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) can encounter the following problems when reporting on DML activity when LOB data is included: 1) Generation of a load format file ends with RC=4 and the message LAE0098W. 2) Generation of a SQL ends with RC=8 and the message LAE0037E. 3) Generation of UNDO SQL terminates abnormally with completion code SOC4. SYMPTOMS: 1) PLA job with load file output format and LOBDATA(INCLUDE) ends with RC=4 and the message LAE0098W but both the data file and the control file are generated correctly. 2) PLA job with REDO or UNDO output format and option LOBDATA(INCLUDE) ends with RC=8 and the message LAE0037E and the generated SQL file may contain incorrect or incomplete statements. 3) PLA job with UNDO output format and with the option LOBDATA(INCLUDE) terminates abnormally with completion code SOC4 and the following messages appear in the output: LAE0419I Partial Update Reconstruction has ended abnormally with Condition Code: OC4000. A DUMP with the title 'PARTIAL UPDATE RECONSTRUCTION TASK TERMINATION' was taken. The waiting module was module LAA@RIDM. IMPACT: 1) Only impact is RC=4 of the job and the warning message LAE0098W present in the job output. 2) PLA job ends with RC=8 and the error message LAE0037E. The SQL generated by the job contains incorrect or incomplete statements. 3) No SQL is generated and the job completes abnormally. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 17658 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02272-D200 DESC(LOB PROCESSING FAILURES IN DML ACTIVITY REPORTING). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00597 LU01040 LU01180 LU01538 LU01950 LU01985 LU02062 LU02381 LU03250 LU04419 LU04842 LU06217 LU07065 R099559 S000975 S004245 S004461 S004795 S006119 S007813 S008008 S008802 S009333 S010390 S010677 S011669 S012797 S012889 S016075) SUP (LT03731 LT05019 LT07375 LU03731 LU05019)

Service	Details
LU07388	LU07388 M.C.S. ENTRIES = ++PTF (LU07388) PFR OBIDXLAT ROWFORMAT BR/RRF SOC4 IN FRA@RSLY SORTLOG YES PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) may abend when OBIDXLAT ROWFORMAT is used for row format conversion with SORTLOG YES. SYMPTOMS: Job ends with SOC4 from FRA@RSLY. IMPACT: PFR fails to recover the target object when OBIDXLAT is used with ROWFORMAT BR/RRF. CIRCUMVENTION: NONE. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 18219 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02274-D200 DESC(PFR OBIDXLAT ROWFORMAT BR/RRF SOC4 IN FRA@RSLY SORTLOG YES). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU02712 LU04435 LU05850 LU06423 LU07265 S014568) SUP (AL05695 AL05850 LT02015 LT02048 LT05695 LT05816 LT06000 LT07388 LU02048 LU05695 LU05816 LU06000 S015817 ST15817)

Service	Details
LU07415	LU07415 M.C.S. ENTRIES = ++PTF (LU07415) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. For more details access Security Advisories 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: Compile/PRF Version 20.0 Related Problem: BIPRF 18234 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02276-D200 DESC (SECURITY OR INTEGRITY PROBLEM). ++VER (Z038) FMID (CPRFK02) PRE (LU04424) SUP (AC07414 LT04379 LT07415 LU04379)

Service	Details
LU07416	LU07416 M.C.S. ENTRIES = ++PTF (LU07416) SP_TOT_TIME AND SP_DB2_TIME SHOW SAME VALUE PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) incorrectly displays the same values for detail fields SP_TOT_TIME and SP_DB2_TIME. SYMPTOMS: Values SP_TOT_TIME and SP_DB2_TIME are inaccurate. IMPACT: The SP_TOT_TIME and SP_DB2_TIME values are misleading since they are the same. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 18289 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02277-D200 DESC(SP_TOT_TIME AND SP_DB2_TIME SHOW SAME VALUE). ++VER (Z038) FMID (CPDTK00) PRE (LU01542 LU03461 LU03917 LU04015 LU04231 LU04263 LU04416 LU05052 LU05823 LU06048 LU06112 R096168 R097707 R098429 R099556 S000263 S001400 S003942 S004458 S006334 S007810 S008323 S008789 S009065 S009811 S010538 S010908 S011694 S012429 S012538) SUP (LT07416 S012131 ST12131) ++HOLD (LU07416) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22270) 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: </pre>

Service	Details
	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						
LU07418	LU07418 M.C.S. ENTRIES = ++PTF (LU07418) RANDOM SOC4 ABEND IN RCM GENERATING ALTER TABLE ADD CLONE PROBLEM DESCRIPTION: Random SOC4 abends can occur in RC/Migrator for Db2 for z/OS (RCM), RC/Compare for Db2 for z/OS (RCC), and RC/Migrator Merger (RMM). These abends occur when the analysis of an Alter, Compare, or Migrate/Quick Migrate strategy needs an ALTER TABLE ADD CLONE statement. The SOC4 abend can also happen if all the following conditions exist: - you are altering objects with RC/Update for Db2 for z/OS (RCU) - the alter requires an RC/Migrator analysis, or Mode A is specified - the alteration is impacting cloned tables, and - the cloned base tables are being dropped and re-created SYMPTOMS: Random SOC4 abends occur in RCM, RCC, RMM, and RCU when the analysis of a strategy includes generating an ALTER TABLE ADD CLONE statement. IMPACT: The analysis does not complete correctly. CIRCUMVENTION: Reanalyze the strategy. 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 18342 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02278-D200 DESC(RANDOM SOC4 ABEND IN RCM GENERATING ALTER TABLE ADD CLONE). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU00989 LU03657 LU04149 LU04412 LU05886 LU06576 LU07268 R097704 R099553 S001396 S006113 S007379 S009105 S011691 S011866 S011966 S012361 S012933 S014125) SUP (LT05590 LT07418 LU05590 S011737 ST11737)	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
LU07436	LU07436 M.C.S. ENTRIES = ++PTF (LU07436) RECOVERY INPUT TO .CALL SNAPSHOT MISSING DROP TABLESPACE PROBLEM DESCRIPTION: When using RC/Migrator for Db2 for z/OS (RCM) to drop a column of a table from a partitioned tablespace, the analysis with recovery option generates 'DROP TABLE' DDL as input to the .CALL SNAPSHOT. The recovery script generated from the execution of the analysis output will include DDL to drop and create the table. The execution of the DROP TABLE DDL will fail since the tablespace is partitioned. SYMPTOMS: DROP TABLESPACE DDL missing from the input to the .CALL SNAPSHOT. The execution of the 'DROP TABLE' DDL from the recovery script will fail with the following SQLCODE: DSNT408I SQLCODE = -669, ERROR: THE OBJECT CANNOT BE EXPLICITLY DROPPED. REASON 0001 DSNT418I SQLSTATE = 42917 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXIDTB SQL PROCEDURE DETECTING ERROR DSNT416I SQLERRD = 35 0 0 -1 0 0 SQL DIAGNOSTIC INFORMATION DSNT416I SQLERRD = X'00000023' X'00000000' X'00000000' X'FFFFFFFF' X'00000000' X'00000000' SQL DIAGNOSTIC IMPACT: Users will not be able to recover the table to its original status. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 18387 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02280-D200 DESC(RECOVERY INPUT TO .CALL SNAPSHOT MISSING DROP TABLESPACE). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03142 LU03657 LU03856 LU04149 LU04412 LU04654 LU05739 LU05886 LU06576 LU07248 LU07268 R097704 R099553 S001396 S004455 S004718 S006113 S006638 S006863 S007379 S009105 S010974 S011691 S011966 S012361 S012933 S013154 S014832 S015804) SUP (LT03391 LT05278 LT07436 LU03391 LU05278 S009790 S010815 ST09790 ST10815)

Service	Details						
LU07459	LU07459 M.C.S. ENTRIES = ++PTF (LU07459) DDL/HDDL GENERATION IS FAILING WITH ABEND U4083 PROBLEM DESCRIPTION: The Object Framework Services (OFS) component of the Database Management Solutions for Db2 for z/OS is abending during the DDL generation process. This failure occurs after installing the PTF LU07096. SYMPTOMS: DDL generation process abends with U4083 and the following message is displayed: CEE0374C CONDITION=CEE3204S TOKEN=00030C84 59C3C5C5 00000000_00000000 691 WHILE RUNNING PROGRAM OFSQL AT THE TIME OF INTERRUPT IMPACT: Users are not able to perform the post-install compare DDL process, execute DDL and HDDL commands in RC/Query (RCQ), and remote subsystem compare analysis in RC/Migrator (RCM). CIRCUMVENTION: Back off PTF LU07096. PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Query for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Migrator for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Database Management Solutions for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: OFS 18343 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02281-D200 DESC(DDL/HDDL GENERATION IS FAILING WITH ABEND U4083). ++VER (Z038) FMID (COFSK00) PRE (LU01053 LU03659 LU04413 LU05035 LU07096 R096577 R097705 R099554 S001397 S004456 S006114 S007808 S009762) SUP (AL07096 LT07435 LT07459)	RC/Query for Db2 for z/OS	Version 20.0	RC/Migrator for Db2 for z/OS	Version 20.0	Database Management Solutions for Db2 for z/OS	Version 20.0
RC/Query for Db2 for z/OS	Version 20.0						
RC/Migrator for Db2 for z/OS	Version 20.0						
Database Management Solutions for Db2 for z/OS	Version 20.0						

Service	Details
LU07483	LU07483 M.C.S. ENTRIES = ++PTF (LU07483) IMPROVED DISCARD PROCESSING PROBLEM DESCRIPTION: 1.Fast Load for Db2 for z/OS (PFL) may write only one record into the discard dataset when more than one record is being discarded and RECLUSTER NO is in effect. 2.PFL may issue error messages PUT3611E and PFL0216E when processing non-UTS tablespaces and discards are present. 3.PFL will no longer process late term discards for options RESUME NO or RESUME NO REPLACE. 4.Message PFL0218E does not include the DDname and the record number. SYMPTOMS: 1.PFL writes only one record into the discard dataset even when more records are being discarded. 2.PFL issues the following error messages: PUT3611E - Utilities Tablespace Update Service Error Detected, RC=08, RS=122, \$MGT: Delete Row: Expected Spacemap RecordID: xxxxxxxxxxxxxxxxxxxx Rid: xxxxxxxxxxxx PFL0216E - Discard Deletion Phase Error Detected, RC=08, RS=07, \$Disc Delete_Row Failure Info RC=008, Info RS=122 4. Message PFL0218E does not include the DDname or record number. IMPACT: 1.Incorrect number of records is written into the discard dataset. 2.PFL fails during discard processing. 3.Unnecessary processing is done by PFL when the discard limit is reached for a RESUME NO (REPLACE) load. 4.Message PFL0218E has been enhanced to include the DDname and the record number. Old version: PFL0218E - Load Processing Stopped due to Discard Limit Exceeded RecordID: xxxxxxxxxxxxxxxxxxxx PFL0218E - Load Processing Stopped due to SYSERR Write Error RecordID: xxxxxxxxxxxxxxxxxxxx New version: PFL0218E - Load Processing Stopped. Reason : Discard Limit xxxxx Exceeded RecordID: xxxxxxxxxxxxxxxxxxxx DDname : xxxxxx Record : xxxxxx PFL0218E - Load Processing Stopped. Reason : SYSERR Write Error RecordID: xxxxxxxxxxxxxxxxxxxx DDname : xxxxxx Record : xxxxxx CIRCUMVENTION: 1.None 2.None PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Related Problem: PFL 17858 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved

Version 20.0

Service	Details
	R02284-D200 DESC(IMPROVED DISCARD PROCESSING) . ++VER (Z038) FMID (CPFLK00) PRE (LU00724 LU01379 LU02243 LU03191 LU03846 LU04417 LU04616 LU04980 LU05225 LU05880 LU06076 LU06365 LU07264 R097708 S000018 S000704 S004275 S004459 S004857 S006117 S007170 S007811 S008071 S008378 S009024 S009977 S011235 S011846 S011996 S012128 S012150 S012526 S012984 S013097 S013203 S013765 S014772 S015015 S015484 S015738 S016089) SUP (LT07483) ++IF FMID(CPUTK00) REQ(LU07484) . ++HOLD (LU07483) SYSTEM FMID(CPFLK00) REASON (MSGSKEL) DATE (22271) COMMENT (<pre> +-----+ Fast Load 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.).</pre>

Service	Details
LU07484	LU07484 M.C.S. ENTRIES = ++PTF (LU07484) IMPROVED DISCARD PROCESSING PROBLEM DESCRIPTION: 1.Fast Load for Db2 for z/OS (PFL) may write only one record into the discard dataset when more than one record is being discarded and RECLUSTER NO is in effect. 2.PFL may issue error messages PUT3611E and PFL0216E when processing non-UTS tablespaces and discards are present. 3.PFL will no longer process late term discards for options RESUME NO or RESUME NO REPLACE. 4.Message PFL0218E does not include the DDname and the record number. SYMPTOMS: 1.PFL writes only one record into the discard dataset even when more records are being discarded. 2.PFL issues the following error messages: PUT3611E - Utilities Tablespace Update Service Error Detected, RC=08, RS=122, \$MGDT: Delete Row: Expected Spacemap RecordID: xxxxxxxxxxxxxxxxxxxx Rid: xxxxxxxxxxxx PFL0216E - Discard Deletion Phase Error Detected, RC=08, RS=07, \$Disc Delete_Row Failure Info RC=008, Info RS=122 4. Message PFL0218E does not include the DDname or record number. IMPACT: 1.Incorrect number of records is written into the discard dataset. 2.PFL fails during discard processing. 3.Unnecessary processing is done by PFL when the discard limit is reached for a RESUME NO (REPLACE) load. 4.Message PFL0218E has been enhanced to include the DDname and the record number. Old version: PFL0218E - Load Processing Stopped due to Discard Limit Exceeded RecordID: xxxxxxxxxxxxxxxxxxxx PFL0218E - Load Processing Stopped due to SYSERR Write Error RecordID: xxxxxxxxxxxxxxxxxxxx New version: PFL0218E - Load Processing Stopped. Reason : Discard Limit xxxxx Exceeded RecordID: xxxxxxxxxxxxxxxxxxxx DDname : xxxxxx Record : xxxxxx PFL0218E - Load Processing Stopped. Reason : SYSERR Write Error RecordID: xxxxxxxxxxxxxxxxxxxx DDname : xxxxxx Record : xxxxxx CIRCUMVENTION: 1.None 2.None PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Related Problem: PFL 17858 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved

Service	Details
	R02284-D200 DESC (IMPROVED DISCARD PROCESSING) . ++VER (Z038) FMID (CPUTK00) PRE (LU00140 LU00727 LU04427 LU05535 LU05884 LU06591 R097717 S000024 S001411 S005016 S009027 S009854 S011238 S011433 S011999 S012153 S013205 S014035 S015486 S015939) SUP (LT06289 LT07484 LU06289 S008879 S010474 ST08879 ST10474) ++IF FMID(CPFLK00) REQ(LU07483) .

Service	Details
LU07486	LU07486 M.C.S. ENTRIES = ++PTF (LU07486) The following items are included in this solution: 1. CAPTURE THRESHOLD VALUES (CTV) PROCESSING TAKES A LONG TIME 2. INCORRECT PROCESSED/PROMOTED OBJECT TOTALS IN PRINTED OUTPUT ===== CAPTURE THRESHOLD VALUES (CTV) PROCESSING TAKES A LONG TIME PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) processing of Capture Threshold Values (CTV) data can take a long time during the execution of an extract procedure. The length of the delay depends on the amount of data in the CTV tables, the attributes of the extract procedure, and the attributes of any action procedures tied to the extract procedure. SYMPTOMS: After the collection of statistics is completed, the processing of the extract procedure job takes a long time. IMPACT: The extract procedure job takes a long time to complete. CIRCUMVENTION: Deleting data from the CTV tables can reduce the CTV processing time. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 18172 ===== INCORRECT PROCESSED/PROMOTED OBJECT TOTALS IN PRINTED OUTPUT PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) can display incorrect totals for the processed and promoted objects in the PTIMSG output for an Extract Procedure. The problem may occur when any of the "AUTO SELECTION OPTIONS" options are used for a Real time Object Selection (RTOS) Extract Procedure. SYMPTOMS: The values in PTIMSG output similar to the following are incorrect: Adjust remaining objects after above criteria is applied to: Promote to all (Tbls/Ixs) when any part is selected ==> A (All/No) 0 total TS individual partitions processed 9 total unique TSes promoted to ALL TBLs when any part selected IMPACT: The displayed totals for the processed and promoted objects are incorrect. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 18186 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02285-D200 DESC(CAPTURE THRESHOLD VALUES (CTV) PROCESSING TAKES A LONG TIME). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00314 LU01626 LU02456 LU04415 LU04989 LU06141 LU06301 LU06307 R099555 S000017 S009652 S010042 S014175) SUP (LT01932 LT02095 LT06584 LT07486 LU02095 LU06584)

Service	Details
	<pre> ++HOLD (LU07486) SYSTEM FMID(CPDAK00) REASON (DB2BIND) DATE (22272) COMMENT (+-----+ 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.). ++HOLD (LU07486) SYSTEM FMID(CPDAK00) REASON (DB2DDL) DATE (22272) COMMENT (+-----+ Database Analyzer for Db2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ 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. +-----+ ***** </pre>

Service	Details
	* 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.).

Service	Details						
LU07488	LU07488 M.C.S. ENTRIES = ++PTF (LU07488) COLLECT TABLE AND INDEX STATISTICS FOR TRIGGERED SQL ENHANCEMENT DESCRIPTION: When Subsystem Analyzer for Db2 for z/OS (PSA) and Detector for Db2 for z/OS (PDT) collections are synchronized, they can now capture the table and index getpage statistics for triggers. These statistics can now be captured, displayed, reported, and unloaded. The ability to track these statistics gives you a more accurate view of what is happening in your systems, which can help with performance tuning and troubleshooting. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Subsystem Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDT 14372 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02286-D200 DESC(COLLECT TABLE AND INDEX STATISTICS FOR TRIGGERED SQL). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00402 LU00549 LU01002 LU01542 LU01841 LU01982 LU02132 LU02554 LU02944 LU03461 LU03710 LU03917 LU04015 LU04231 LU04416 LU04795 LU05052 LU05127 LU05152 LU05823 LU06048 LU06112 R096168 R096580 R097707 R098088 R098429 R099556 S000263 S001400 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S008129 S008244 S008323 S008455 S008789 S009065 S010538 S010908 S011694 S011983 S012538 S012921 S013889 S014338 S014860 S015395 S015723) SUP (AL01542 AL02554 AL05152 AS06334 AS08129 AS13450 AS16113 BL01542 CL01542 LT00240 LT00307 LT00329 LT00684 LT01214 LT01215 LT01393 LT01467 LT01903 LT01933 LT01956 LT02108 LT02217 LT02220 LT02290 LT02706 LT02796 LT03093 LT03386 LT03406 LT05265 LT05545 LT06154 LT06738 LT06744 LT07488 LU00240 LU00329 LU00684 LU01215 LU01393 LU01467 LU01933 LU02108 LU02220 LU02290 LU02706 LU02796 LU03093 LU03386 LU03406 LU05265 LU05545 LU06154 LU06744 R099946 S000423 S006838 S007988 S008204 S008446 S009239 S009828 S010018 S010492 S010652 S011717 S013450 S013655 S014680 S015199 S015843 S015927 S016113 ST00423 ST06838 ST07220 ST07988 ST08204 ST08446 ST09239 ST09828 ST10018 ST10492 ST10652 ST11717 ST11973 ST13450 ST13655 ST14680 ST15199 ST15843 ST15927 ST16113 TR99946) ++HOLD (LU07488) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22271) COMMENT (<table border="1"> <tr> <td>Detector for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>Before Apply</td></tr> <tr> <td>PURPOSE</td><td>Avoidance of module mismatch related errors in an Xmanager</td></tr> </table>	Detector for Db2 for z/OS	Version 20.0	SEQUENCE	Before Apply	PURPOSE	Avoidance of module mismatch related errors in an Xmanager
Detector for Db2 for z/OS	Version 20.0						
SEQUENCE	Before Apply						
PURPOSE	Avoidance of module mismatch related errors in an Xmanager						

Service	Details		
	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.		
	).		
MCS	LU06826	STARTS ON PAGE 0002	
MCS	LU07004	STARTS ON PAGE 0006	
MCS	LU07065	STARTS ON PAGE 0008	
MCS	LU07078	STARTS ON PAGE 0010	
MCS	LU07096	STARTS ON PAGE 0013	
MCS	LU07146	STARTS ON PAGE 0015	
MCS	LU07149	STARTS ON PAGE 0016	
MCS	LU07168	STARTS ON PAGE 0017	
MCS	LU07180	STARTS ON PAGE 0018	
MCS	LU07181	STARTS ON PAGE 0018	
MCS	LU07183	STARTS ON PAGE 0019	
MCS	LU07187	STARTS ON PAGE 0022	
MCS	LU07203	STARTS ON PAGE 0023	
MCS	LU07204	STARTS ON PAGE 0024	
MCS	LU07205	STARTS ON PAGE 0027	
MCS	LU07206	STARTS ON PAGE 0028	
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MCS	LU07248	STARTS ON PAGE 0042	
MCS	LU07254	STARTS ON PAGE 0043	
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Service	Details		
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	MCS	LU07488	STARTS ON PAGE 0092

Database Management Solutions for Db2 for z/OS 20.0
CA RS 2210 Product/Component Listing

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Product Family	Product	Release
Database Management	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 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 2210 Product/Component Count for this release is 26		

CA RS Level	Service	FMID
CAR2210	LU07488	CPDTK00
	LU07486	CPDAK00
	LU07484	CPUTK00
	LU07483	CPFLK00
	LU07459	COFSK00
	LU07436	CINSK00
	LU07418	CINSK00
	LU07416	CPDTK00
	LU07415	CPRFK02
	LU07388	CUGRK00
	LU07375	CPLAK00
	LU07373	CUGRK00
	LU07372	CINSK00
	LU07359	CINSK00
	LU07346	CINSK00
	LU07315	CINSK00
	LU07311	CUGRK00
	LU07278	CRCQK00
	LU07272	CRCXK00
	LU07271	CRCUK00
	LU07270	CRCMK00
	LU07269	CPFUK00
	LU07268	CINSK00
	LU07265	CUGRK00
	LU07264	CPFLK00
	LU07262	CIDBK00
	LU07257	COFSK00
	LU07254	CINSK00
	LU07248	CINSK00
	LU07235	CINSK00
	LU07221	CPDAK00
	LU07209	CRCXK00
	LU07208	CRCUK00
	LU07207	CRCSK00
	LU07206	CRCQK00
	LU07205	CRCMK00
	LU07204	CINSK00
	LU07203	CAHOK00
	LU07187	CINSK00
	LU07183	CPLAK00
	LU07181	CIDBK00
	LU07180	CPFUK00
	LU07168	CUGRK00
	LU07149	CIDBK00
	LU07146	CIDBK00
	LU07096	COFSK00
	LU07078	CINSK00

CA RS Level	Service	FMID
	LU07065	CPLAK00
	LU07004	CPDAK00
	LU06826	CPUTK00
CAR2209	S016260	CPRFK02
	S016259	CPRFK01
	S016167	CPRFK02
	S016166	CPRFK01
	S016151	CPRFK02
	S016150	CPRFK01
	S015777	CPRFK02
	S015776	CPRFK01
	S014406	CPRFK02
	S014405	CPRFK01
	S014337	CIDBK00
	S013732	CPRFK02
	S013731	CPRFK01
	LU07110	CIDBK00
	LU07100	CPDTK00
	LU07094	CPRFK02
	LU07093	CPRFK01
	LU07092	CPRFK00
	LU07077	CINSK00
	LU07070	CINSK00
	LU07067	CRCXK00
	LU07047	CIDBK00
	LU07005	CIDBK00
	LU06991	CPRFK02
	LU06990	CPRFK01
	LU06989	CPRFK00
	LU06976	CPUTK00
	LU06975	CPFUK00
	LU06965	CIDBK00
	LU06960	CIDBK00
	LU06936	CINSK00
	LU06928	CPDTK00
	LU06921	CINSK00
	LU06920	CRCUK00
	LU06919	CRCQK00
	LU06918	CPFUK00
	LU06914	COFSK00
	LU06913	CINSK00
	LU06910	CINSK00
	LU06887	CINSK00
	LU06866	CIDBK00
	LU06863	CPRAK00
	LU06862	CUGRK00
	LU06858	CUGRK00

CA RS Level	Service	FMID
	LU06854	CPDAK00
	LU06842	CIDBK00
	LU06839	CPRFK00
	LU06836	CPLAK00
	LU06792	CINSK00
	LU06791	CPUTK00
	LU06790	CPFUK00
	LU06789	CPFLK00
	LU06753	CRCXK00
	LU06752	CRCUK00
	LU06751	CRCSK00
	LU06750	CRCQK00
	LU06747	CRCMK00
	LU06746	CAHOK00
	LU06744	CPDTK00
	LU06709	CPRFK02
	LU06708	CPRFK01
	LU06688	CINSK00
	LU06687	CIDBK00
	LU06649	CTGRK00
	LU06503	CIDBK00
	LU05683	CPRFK02
	LU05682	CPRFK01
	LU05171	CPRFK02
	LU05170	CPRFK01
	LU04424	CPRFK02
	LU04423	CPRFK01
	LU04410	CEU9K00
	LU04379	CPRFK02
	LU04353	CEU9K00
	LU01976	CEU9K00
	LU01323	CPRFK02
	LU01322	CPRFK01
	LU01104	CPRFK02
	LU01103	CPRFK01
	LU00583	CPRFK02
	LU00582	CPRFK01
	LU00252	CPRFK02
	LU00251	CPRFK01
CAR2208	LU06761	CPDAK00
	LU06755	CINSK00
	LU06707	CPRFK00
	LU06699	CPFUK00
	LU06694	CPDTK00
	LU06684	CPPAK00
	LU06683	CPSAK00
	LU06680	CINSK00

CA RS Level	Service	FMID
	LU06662	CPFUK00
	LU06661	CPLAK00
	LU06635	CINSK00
	LU06632	CRCXK00
	LU06631	CPLAK00
	LU06630	COFSK00
	LU06629	CINSK00
	LU06625	CINSK00
	LU06611	CIDBK00
	LU06606	CINSK00
	LU06601	CINSK00
	LU06596	CPDTK00
	LU06591	CPUTK00
	LU06590	CPFLK00
	LU06584	CPDAK00
	LU06577	CRCUK00
	LU06576	CINSK00
	LU06570	CUGRK00
	LU06569	CPRAK00
	LU06568	CINSK00
	LU06553	CIDBK00
	LU06547	CIDBK00
	LU06546	CPLAK00
	LU06541	CINSK00
	LU06526	CUGRK00
	LU06525	CPRAK00
	LU06524	CPLAK00
	LU06515	CUGRK00
	LU06511	CIDBK00
	LU06508	CINSK00
	LU06505	CPDTK00
	LU06460	CPDTK00
	LU06459	CINSK00
	LU06433	CPLAK00
	LU06432	CPRAK00
	LU06430	CINSK00
	LU06423	CUGRK00
	LU06418	CPFUK00
	LU06414	CRCUK00
	LU06413	CRCQK00
	LU06412	CINSK00
	LU06401	CUGRK00
	LU06400	CPRAK00
	LU06399	CPLAK00
	LU06398	CINSK00
	LU06397	CPFUK00
	LU06394	CPDAK00

CA RS Level	Service	FMID
	LU06366	CPUTK00
	LU06365	CPFLK00
	LU06364	CINSK00
	LU06280	CPLAK00
CAR2207	LU06419	CIDBK00
	LU06415	CPDTK00
	LU06407	CINSK00
	LU06379	CIDBK00
	LU06361	CIDBK00
	LU06357	CSQ2100
	LU06348	CINSK00
	LU06321	CINSK00
	LU06311	CTGRK00
	LU06310	CRCUK00
	LU06309	CINSK00
	LU06307	CPDAK00
	LU06305	CPFUK00
	LU06304	CPFLK00
	LU06302	CRCQK00
	LU06301	CPDAK00
	LU06300	CINSK00
	LU06299	CPUTK00
	LU06298	CINSK00
	LU06297	CINSK00
	LU06292	CINSK00
	LU06291	CPDTK00
	LU06289	CPUTK00
	LU06285	CIDBK00
	LU06284	CPFUK00
	LU06278	COFSK00
	LU06265	CIDBK00
	LU06264	CPDTK00
	LU06261	CINSK00
	LU06257	COFSK00
	LU06230	COFSK00
	LU06229	CIDBK00
	LU06218	CIDBK00
	LU06217	CPLAK00
	LU06216	CINSK00
	LU06213	CUGRK00
	LU06206	CPUTK00
	LU06188	CIDBK00
	LU06172	CINSK00
	LU06166	CIDBK00
	LU06163	CPFLK00
	LU06161	CIDBK00
	LU06154	CPDTK00

CA RS Level	Service	FMID
	LU06152	CRCQK00
	LU06148	CINSK00
	LU06141	CPDAK00
	LU06140	CIDBK00
	LU06137	CPSAK00
	LU06136	CRCQK00
	LU06120	CINSK00
	LU06117	CINSK00
	LU06115	CINSK00
	LU06112	CPDTK00
	LU06109	CIDBK00
	LU06076	CPFLK00
	LU06052	CINSK00
	LU06051	CINSK00
	LU05989	CINSK00
	LU05871	CINSK00
CAR2206	LU06107	CINSK00
	LU06100	CIDBK00
	LU06087	CUGRK00
	LU06086	CPUTK00
	LU06085	CPRFK00
	LU06084	CPLAK00
	LU06083	CPFUK00
	LU06082	CPDAK00
	LU06081	CINSK00
	LU06080	CPUTK00
	LU06079	CPRRK00
	LU06078	CPFUK00
	LU06077	CPFLK00
	LU06074	CPSAK00
	LU06073	CINSK00
	LU06050	CPUTK00
	LU06049	CPSAK00
	LU06048	CPDTK00
	LU06047	COFSK00
	LU06046	CINSK00
	LU06045	CIDBK00
	LU06034	CUGRK00
	LU06033	CIDBK00
	LU06000	CUGRK00
	LU05999	CIDBK00
	LU05998	CPDTK00
	LU05997	CINSK00
	LU05995	CINSK00
	LU05994	CIDBK00
	LU05993	CINSK00
	LU05987	CRCXK00

CA RS Level	Service	FMID
	LU05984	CPPAK00
	LU05976	CIDBK00
	LU05973	CPLAK00
	LU05971	CINSK00
	LU05967	CINSK00
	LU05954	CPLAK00
	LU05931	CINSK00
	LU05913	CUGRK00
	LU05900	CUGRK00
	LU05889	CRCXK00
	LU05888	CRCUK00
	LU05887	CPFUK00
	LU05886	CINSK00
	LU05884	CPUTK00
	LU05883	CPFLK00
	LU05881	CPFUK00
	LU05880	CPFLK00
	LU05879	CIDBK00
	LU05876	CINSK00
	LU05875	CPDTK00
	LU05873	CPDTK00
	LU05869	CUGRK00
	LU05868	CPUTK00
	LU05867	CPRRK00
	LU05866	CPFLK00
	LU05865	CINSK00
	LU05857	CUGRK00
	LU05851	CIDBK00
	LU05850	CUGRK00
	LU05836	CRCSK00
	LU05823	CPDTK00
	LU05816	CUGRK00
	LU05806	COFSK00
	LU05798	CINSK00
	LU05797	CRCQK00
	LU05796	CPDTK00
	LU05794	CINSK00
	LU05790	CINSK00
	LU05788	CIDBK00
	LU05775	CINSK00
	LU05767	CIDBK00
	LU05764	CINSK00
	LU05761	CPSAK00
	LU05749	CIDBK00
	LU05747	CPFUK00
	LU05739	CINSK00
	LU05734	CPLAK00

CA RS Level	Service	FMID
	LU05732	CPRAK00
	LU05717	CINSK00
	LU05701	CINSK00
	LU05685	CIDBK00
	LU05635	CRCXK00
	LU05634	CRCUK00
	LU05633	CRCSK00
	LU05632	CRCQK00
	LU05631	CRCMK00
	LU05630	CPFUK00
	LU05629	CINSK00
	LU05628	CAHOK00
	LU05597	CPPAK00
	LU05596	CINSK00
	LU05577	CPLAK00
	LU05562	CPDTK00
	LU05444	CINSK00
CAR2205	LU05695	CUGRK00
	LU05687	CIDBK00
	LU05684	CUGRK00
	LU05681	CPRFK00
	LU05663	CPDAK00
	LU05647	CIDBK00
	LU05606	CIDBK00
	LU05600	CIDBK00
	LU05590	CINSK00
	LU05564	CIDBK00
	LU05555	CRCQK00
	LU05547	CINSK00
	LU05545	CPDTK00
	LU05535	CPUTK00
	LU05534	CPFLK00
	LU05530	CPDTK00
	LU05528	COFSK00
	LU05520	CINSK00
	LU05515	CPSAK00
	LU05511	CINSK00
	LU05505	CRCQK00
	LU05503	CPDTK00
	LU05497	CIDBK00
	LU05496	CPLAK00
	LU05495	CPDAK00
	LU05464	CIDBK00
	LU05461	CPSAK00
	LU05457	CPFLK00
	LU05423	CPUTK00
	LU05422	CUGRK00

CA RS Level	Service	FMID
	LU05408	CRCQK00
	LU05407	CINSK00
	LU05401	CINSK00
	LU05397	CPFUK00
	LU05396	CINSK00
	LU05387	CUGRK00
	LU05382	CINSK00
	LU05377	CAHOK00
	LU05367	CINSK00
	LU05366	CINSK00
	LU05364	CINSK00
	LU05361	CINSK00
	LU05359	CINSK00
	LU05352	CPLAK00
	LU05350	CUGRK00
	LU05349	CPUTK00
	LU05348	CPFLK00
	LU05347	CINSK00
	LU05335	COFSK00
	LU05331	CINSK00
	LU05313	CPPAK00
	LU05312	CINSK00
	LU05305	CPUTK00
	LU05304	CPFUK00
	LU05296	CINSK00
	LU05292	CPUTK00
	LU05271	CIDBK00
	LU05225	CPFLK00
	LU05162	CINSK00
	LU05161	CINSK00
	LU05155	CPLAK00
CAR2204	LU05278	CINSK00
	LU05277	CRCQK00
	LU05276	CINSK00
	LU05265	CPDTK00
	LU05243	CINSK00
	LU05242	CINSK00
	LU05224	CIDBK00
	LU05211	CIDBK00
	LU05210	CUGRK00
	LU05209	CPUTK00
	LU05208	CPRRK00
	LU05207	CPFLK00
	LU05206	CINSK00
	LU05177	CRCUK00
	LU05176	CRCQK00
	LU05175	CINSK00

CA RS Level	Service	FMID
	LU05169	CPRFK00
	LU05156	CINSK00
	LU05152	CPDTK00
	LU05142	CINSK00
	LU05140	CPRAK00
	LU05127	CPDTK00
	LU05118	CRCUK00
	LU05117	CPUTK00
	LU05116	CPPAK00
	LU05115	CPLAK00
	LU05114	CPFUK00
	LU05113	CPDTK00
	LU05112	CPDAK00
	LU05111	CINSK00
	LU05110	CSQ2100
	LU05109	CINSK00
	LU05103	CIDBK00
	LU05102	CPDAK00
	LU05098	CIDBK00
	LU05091	CRCSK00
	LU05090	CRCMK00
	LU05089	CINSK00
	LU05085	CPDAK00
	LU05080	CINSK00
	LU05060	CPDTK00
	LU05059	CINSK00
	LU05058	CIDBK00
	LU05052	CPDTK00
	LU05036	CRCQK00
	LU05035	COFSK00
	LU05032	CIDBK00
	LU05031	CINSK00
	LU05025	CPDTK00
	LU05019	CPLAK00
	LU05006	CIDBK00
	LU04990	CPUTK00
	LU04989	CPDAK00
	LU04988	CINSK00
	LU04982	CPUTK00
	LU04981	CPFUK00
	LU04980	CPFLK00
	LU04966	CUGRK00
	LU04965	CPRRK00
	LU04962	CUGRK00
	LU04961	CUGRK00
	LU04960	CINSK00
	LU04953	CRCSK00

CA RS Level	Service	FMID
	LU04952	CRCQK00
	LU04951	CRCMK00
	LU04950	CINSK00
	LU04949	CAHOK00
	LU04945	CINSK00
	LU04932	CRCUK00
	LU04931	CRCMK00
	LU04930	CINSK00
	LU04919	CIDBK00
	LU04908	CINSK00
	LU04896	CINSK00
	LU04875	CRCMK00
	LU04874	CINSK00
	LU04813	CINSK00
	LU04797	CPPAK00
	LU04103	CUGRK00
	LU04102	CPLAK00
CAR2203	LU04880	CPRAK00
	LU04870	CUGRK00
	LU04869	CPUTK00
	LU04868	CPFUK00
	LU04857	CINSK00
	LU04855	CPXNK00
	LU04842	CPLAK00
	LU04834	CRCQK00
	LU04818	CIDBK00
	LU04803	CIDBK00
	LU04795	CPDTK00
	LU04789	CPFUK00
	LU04788	CPLAK00
	LU04746	CINSK00
	LU04733	CPSAK00
	LU04732	CUGRK00
	LU04675	CPFUK00
	LU04657	CRCQK00
	LU04656	CINSK00
	LU04654	CINSK00
	LU04653	CPSAK00
	LU04637	CPRRK00
	LU04636	CUGRK00
	LU04621	CINSK00
	LU04619	CUGRK00
	LU04618	CPUTK00
	LU04616	CPFLK00
	LU04586	CPDTK00
	LU04573	CINSK00
	LU04566	CIDBK00

CA RS Level	Service	FMID
	LU04562	CPLAK00
	LU04561	CSQ2100
	LU04530	CRCQK00
	LU04529	CINSK00
	LU04498	CIDBK00
	LU04493	CINSK00
	LU04490	CPDTK00
	LU04489	CRCMK00
	LU04488	CINSK00
	LU04486	CPPAK00
	LU04485	CPBAK00
	LU04484	CINSK00
	LU04483	CINSK00
	LU04464	CRCMK00
	LU04463	CINSK00
	LU04459	CINSK00
	LU04458	CINSK00
	LU04452	CINSK00
	LU04444	COFSK00
	LU04370	CUGRK00
	LU04369	CINSK00
CAR2202	LU04462	CSQ2100
	LU04443	CINSK00
	LU04436	CUTSK00
	LU04435	CUGRK00
	LU04434	CTGRK00
	LU04433	CRCXK00
	LU04432	CRCUK00
	LU04431	CRC SK00
	LU04430	CRCQK00
	LU04429	CRCMK00
	LU04428	CPXNK00
	LU04427	CPUTK00
	LU04426	CPSAK00
	LU04425	CPRRK00
	LU04422	CPRFK00
	LU04421	CPRAK00
	LU04420	CPPAK00
	LU04419	CPLAK00
	LU04418	CPFUK00
	LU04417	CPFLK00
	LU04416	CPDTK00
	LU04415	CPDAK00
	LU04414	CPBAK00
	LU04413	COFSK00
	LU04412	CINSK00
	LU04411	CIDBK00

CA RS Level	Service	FMID
	LU04409	CAHOK00
	LU04405	CINSK00
	LU04400	CINSK00
	LU04399	CINSK00
	LU04376	CINSK00
	LU04374	CIDBK00
	LU04371	CIDBK00
	LU04358	CTGRK00
	LU04357	CPSAK00
	LU04356	CPDTK00
	LU04355	CINSK00
	LU04354	CIDBK00
	LU04339	CPDTK00
	LU04287	CIDBK00
	LU04282	CIDBK00
	LU04264	CINSK00
	LU04263	CPDTK00
	LU04262	CINSK00
	LU04244	CRCQK00
	LU04243	CINSK00
	LU04232	CPSAK00
	LU04231	CPDTK00
	LU04230	CINSK00
	LU04229	CIDBK00
	LU04222	CIDBK00
	LU04221	CPDAK00
	LU04220	CINSK00
	LU04217	CIDBK00
	LU04202	COFSK00
	LU04167	CINSK00
	LU04161	CPUTK00
	LU04160	CPFUK00
	LU04159	CPFLK00
	LU04151	CRCXK00
	LU04150	CRCUK00
	LU04149	CINSK00
	LU04146	CINSK00
	LU04136	CINSK00
	LU04123	CPUTK00
	LU04122	CPDAK00
	LU04121	CINSK00
	LU04100	CIDBK00
	LU04097	CIDBK00
	LU04085	COFSK00
	LU04084	CINSK00
	LU04082	CINSK00
	LU04006	CINSK00

CA RS Level	Service	FMID
	LU04004	CPLAK00
	LU03822	CPPAK00
	LU02151	CINSK00
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

CA RS Level	Service	FMID
	LU03732	CPFUK00
	LU03731	CPLAK00
	LU03712	CINSK00
	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

CA RS Level	Service	FMID
	LU03384	CPFUK00
	LU03367	CINSK00
	LU03353	CPFUK00
	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

CA RS Level	Service	FMID
	LU03162	CIDBK00
	LU03152	CPDAK00
	LU03146	CIDBK00
	LU03142	CINSK00
	LU03116	CPSAK00
	LU03101	CPBAK00
	LU03093	CPDTK00
	LU03091	CIDBK00
	LU03073	CUGRK00
	LU03035	CPDAK00
	LU03034	CPRRK00
	LU03033	CPUTK00
	LU03032	CPFUK00
	LU03023	CIDBK00
	LU03018	CPDTK00
	LU02985	CIDBK00
	LU02979	CPLAK00
	LU02945	CINSK00
	LU02886	CIDBK00
	LU02816	CPLAK00
	LU02728	CPUTK00
	LU02727	CPFUK00
	LU02726	CINSK00
	LU02712	CUGRK00
CAR2110	S014389	CIDBK00
	LU02944	CPDTK00
	LU02894	CRCQK00
	LU02866	COFSK00
	LU02841	CIDBK00
	LU02829	CIDBK00
	LU02813	CINSK00
	LU02808	CINSK00
	LU02800	CIDBK00
	LU02796	CPDTK00
	LU02785	CPDAK00
	LU02767	CPLAK00
	LU02762	CUGRK00
	LU02708	CIDBK00
	LU02706	CPDTK00
	LU02665	CRCQK00
	LU02661	CINSK00
	LU02646	CIDBK00
	LU02642	CIDBK00
	LU02641	CPFLK00
	LU02634	CIDBK00
	LU02633	COFSK00
	LU02614	CINSK00

CA RS Level	Service	FMID
	LU02609	CINSK00
	LU02597	CRCQK00
	LU02577	CPBAK00
	LU02516	CIDBK00
	LU02489	CINSK00
	LU02472	CINSK00
	LU02471	CINSK00
	LU02280	COFSK00
	LU02279	CINSK00
CAR2109	LU02564	CRCQK00
	LU02554	CPDTK00
	LU02529	CUGRK00
	LU02524	CPDTK00
	LU02493	CPPAK00
	LU02492	CINSK00
	LU02485	CPFLK00
	LU02470	CPFUK00
	LU02456	CPDAK00
	LU02455	CINSK00
	LU02440	CPFUK00
	LU02439	CIDBK00
	LU02437	COFSK00
	LU02436	CPPAK00
	LU02428	CIDBK00
	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

CA RS Level	Service	FMID
	LU02119	CTGRK00
	LU02118	CIDBK00
	LU02116	CINSK00
	LU02095	CPDAK00
CAR2108	LU02220	CPDTK00
	LU02213	CPLAK00
	LU02211	CRCUK00
	LU02197	CINSK00
	LU02164	CINSK00
	LU02143	CUTSK00
	LU02142	CIDBK00
	LU02133	CPSAK00
	LU02132	CPDTK00
	LU02131	CINSK00
	LU02124	CINSK00
	LU02117	CINSK00
	LU02108	CPDTK00
	LU02096	CIDBK00
	LU02093	CIDBK00
	LU02062	CPLAK00
	LU02061	CINSK00
	LU02053	CINSK00
	LU02048	CUGRK00
	LU02033	CIDBK00
	LU02031	CIDBK00
	LU02030	CRCQK00
	LU02029	CINSK00
	LU02008	CPFLK00
	LU02007	CPUTK00
	LU02006	CPFUK00
	LU02005	CINSK00
	LU01999	CINSK00
	LU01998	CUGRK00
	LU01997	CTGRK00
	LU01996	CRCXK00
	LU01995	CRCUK00
	LU01994	CRC SK00
	LU01993	CRCQK00
	LU01992	CPXNK00
	LU01991	CPUTK00
	LU01990	CPSAK00
	LU01989	CPRRK00
	LU01988	CPRFK00
	LU01987	CPRAK00
	LU01986	CPPAK00
	LU01985	CPLAK00
	LU01984	CPFUK00

CA RS Level	Service	FMID
	LU01983	CPFLK00
	LU01982	CPDTK00
	LU01981	CPDAK00
	LU01980	CPBAK00
	LU01979	COFSK00
	LU01978	CINSK00
	LU01977	CIDBK00
	LU01975	CAHOK00
	LU01958	CINSK00
	LU01950	CPLAK00
	LU01949	CINSK00
	LU01944	CRCXK00
	LU01939	CPFUK00
	LU01937	COFSK00
	LU01936	CUGRK00
	LU01934	CINSK00
	LU01933	CPDTK00
	LU01930	CPUTK00
	LU01927	CINSK00
	LU01922	CINSK00
	LU01845	CIDBK00
	LU01832	COFSK00
	LU01784	CINSK00
	LU01290	CINSK00
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

CA RS Level	Service	FMID
	LU01666	CIDBK00
	LU01648	CINSK00
	LU01626	CPDAK00
	LU01625	CINSK00
	LU01610	CINSK00
	LU01581	CIDBK00
	LU01575	CINSK00
	LU01556	CIDBK00
	LU01551	CPPAK00
	LU01550	CINSK00
	LU01543	CPSAK00
	LU01542	CPDTK00
	LU01541	CIDBK00
	LU01538	CPLAK00
	LU01534	CUGRK00
	LU01526	CINSK00
	LU01525	CIDBK00
	LU01513	CIDBK00
	LU01508	CINSK00
	LU01405	CINSK00
	LU01362	CINSK00
	LU01357	CINSK00
CAR2106	LU01494	CINSK00
	LU01467	CPDTK00
	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

CA RS Level	Service	FMID
	LU01286	CINSK00
	LU01275	CINSK00
	LU01265	CINSK00
	LU01222	COFSK00
	LU01215	CPDTK00
	LU01208	CRCQK00
	LU01182	CUGRK00
	LU01181	CPRAK00
	LU01180	CPLAK00
	LU01179	COFSK00
	LU01178	CINSK00
	LU01175	CIDBK00
	LU01166	CIDBK00
	LU01165	CPFUK00
	LU01164	CIDBK00
	LU01151	CINSK00
	LU01135	CUGRK00
	LU01127	CUGRK00
	LU01122	COFSK00
	LU01121	CINSK00
	LU01118	CINSK00
	LU01107	COFSK00
	LU01106	CINSK00
	LU01102	CPRFK00
	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

CA RS Level	Service	FMID
	LU00925	CINSK00
	LU00923	CPUTK00
	LU00921	CINSK00
	LU00914	CINSK00
	LU00903	CPLAK00
	LU00891	CPDAK00
	LU00890	CINSK00
	LU00887	CPUTK00
	LU00886	CPFUK00
	LU00882	CPLAK00
	LU00881	CIDBK00
	LU00863	CPFUK00
	LU00859	CPSAK00
	LU00858	CPDTK00
	LU00847	CINSK00
	LU00839	CINSK00
	LU00795	CUGRK00
	LU00794	CINSK00
	LU00769	CRCXK00
	LU00768	CPDTK00
	LU00759	CPLAK00
	LU00698	CINSK00
	LU00697	CIDBK00
	LU00678	CINSK00
	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

CA RS Level	Service	FMID
	LU00549	CPDTK00
	LU00545	CIDBK00
	LU00532	CRCQK00
	LU00531	COFSK00
	LU00530	CINSK00
	LU00524	CPDTK00
	LU00523	CINSK00
	LU00511	CRCUK00
	LU00510	CINSK00
	LU00509	CINSK00
	LU00508	CINSK00
	LU00500	CPSAK00
	LU00480	CPLAK00
	LU00475	CPDAK00
	LU00452	CPRRK00
	LU00450	CRCXK00
	LU00449	CRCUK00
	LU00448	CRCMK00
	LU00447	CPFUK00
	LU00446	CINSK00
	LU00440	CPPAK00
	LU00439	CPBAK00
	LU00438	CINSK00
	LU00437	CPUTK00
	LU00436	CPFLK00
	LU00435	CINSK00
	LU00434	CIDBK00
	LU00433	CRCUK00
	LU00432	CINSK00
	LU00427	CIDBK00
	LU00426	CINSK00
	LU00413	CRCQK00
	LU00412	CINSK00
	LU00411	CRCXK00
	LU00402	CPDTK00
	LU00400	CPRFK00
	LU00399	CINSK00
	LU00381	CPDAK00
	LU00368	CINSK00
	LU00359	CINSK00
	LU00342	CRCXK00
	LU00341	CRCUK00
	LU00340	CRC SK00
	LU00339	CRCQK00
	LU00338	CRCMK00
	LU00337	CPUTK00
	LU00336	CPRAK00

CA RS Level	Service	FMID
	LU00335	CPLAK00
	LU00334	CPDTK00
	LU00333	CPDAK00
	LU00332	CINSK00
	LU00331	CIDBK00
	LU00330	CAHOK00
	LU00314	CPDAK00
	LU00304	CPUTK00
	LU00303	CPRRK00
	LU00302	CPFUK00
	LU00301	CPFLK00
	LU00299	CIDBK00
	LU00283	CINSK00
	LU00277	CINSK00
	LU00275	CUGRK00
	LU00177	CPUTK00
CAR2103	SO16295	CIDBK00
	SO15817	CUGRK00
	SO14357	CIDBK00
	SO13729	CRCQK00
	LU00356	CPLAK00
	LU00329	CPDTK00
	LU00282	CIDBK00
	LU00281	CPFUK00
	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

CA RS Level	Service	FMID
	LU00147	CRCQK00
	LU00146	CPDAK00
	LU00145	CINSK00
	LU00141	CUGRK00
	LU00140	CPUTK00
	LU00139	CPRRK00
	LU00138	CPLAK00
	LU00137	CPFUK00
	LU00136	CPFLK00
	LU00135	CINSK00
	LU00134	CIDBK00
	LU00133	CPUTK00
	LU00132	CPLAK00
	LU00131	CINSK00
	LU00127	CINSK00
	LU00124	CPDTK00
	LU00123	CINSK00
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	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

CA RS Level	Service	FMID
	S016075	CPLAK00
	S016071	CRCQK00
	S016067	CINSK00
	S016057	CIDBK00
	S016053	CINSK00
	S016046	CIDBK00
	S016045	CINSK00
	S015980	CINSK00
	S015952	CIDBK00
	S015864	CINSK00
CAR2101	S016040	CINSK00
	S016032	CINSK00
	S016031	CINSK00
	S016024	CINSK00
	S016001	CINSK00
	S015998	CINSK00
	S015939	CPUTK00
	S015938	CPFLK00
	S015937	CINSK00
	S015935	CPSAK00
	S015931	CIDBK00
	S015927	CPDTK00
	S015913	CIDBK00
	S015908	CINSK00
	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

CA RS Level	Service	FMID
	S015738	CPFLK00
	S015723	CPDTK00
	S015697	CRCQK00
	S015691	CPPAK00
	S015690	CINSK00
	S015652	CPUTK00
	S015650	COFSK00
	S015647	CIDBK00
	S015613	CINSK00
	S015609	CUGRK00
	S015585	CPRRK00
	S015573	CPDTK00
	S015541	CPUTK00
	S015531	CPLAK00
	S015506	CINSK00
	S015499	CPDTK00
	S015487	CUGRK00
	S015486	CPUTK00
	S015485	CPRRK00
	S015484	CPFLK00
	S015483	CPDAK00
	S015482	CINSK00
	S015480	CUTSK00
	S015457	CPUTK00
	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

CA RS Level	Service	FMID
	S015215	CINSK00
	S015205	CINSK00
	S015199	CPDTK00
	S015191	CRCMK00
	S015184	CSQ2100
	S015174	CPUTK00
	S015132	CINSK00
	S015130	CPDAK00
	S015129	CINSK00
	S015124	CPRRK00
	S015122	CINSK00
	S015094	CPSAK00
	S015086	CPFUK00
	S015075	CINSK00
	S015074	CPUTK00
	S015073	CPDTK00
	S015072	CINSK00
	S015070	CIDBK00
	S015064	CPLAK00
	S015062	COFSK00
	S015061	CINSK00
	S015049	CIDBK00
	S015045	CINSK00
	S015031	CINSK00
	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

CA RS Level	Service	FMID
	S014833	CRCUK00
	S014832	CINSK00
	S014827	CINSK00
	S014782	CPDTK00
	S014773	CPUTK00
	S014772	CPFLK00
	S014771	CINSK00
	S014756	CINSK00
	S014754	CIDBK00
	S014732	CPDAK00
	S014731	CINSK00
	S014721	CINSK00
	S014716	CINSK00
	S014694	CPFLK00
	S014681	CPSAK00
	S014680	CPDTK00
	S014675	CPRFK00
	S014655	COFSK00
	S014642	CIDBK00
CAR2009	S014641	CUGRK00
	S014640	CPRRK00
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	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

CA RS Level	Service	FMID
	S014397	CPDTK00
	S014383	CPUTK00
	S014382	CPFUK00
	S014381	CINSK00
	S014338	CPDTK00
	S014335	CRCQK00
	S014310	CUTSK00
	S014307	CRCQK00
	S014299	CPDTK00
	S014298	CINSK00
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	S014254	CIDBK00
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	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

CA RS Level	Service	FMID
	S014016	CIDBK00
	S013990	COFSK00
	S013988	CPPAK00
	S013987	CPDTK00
	S013986	CPDAK00
	S013985	CINSK00
	S013982	CSQ2100
	S013974	CINSK00
	S013973	CINSK00
	S013961	CPUTK00
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	S013887	CPDTK00
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	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

CA RS Level	Service	FMID
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	S013682	CINSK00
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	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

CA RS Level	Service	FMID
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	S013203	CPFLK00
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	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

CA RS Level	Service	FMID
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	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

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

CA RS Level	Service	FMID
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	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

CA RS Level	Service	FMID
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	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

CA RS Level	Service	FMID
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	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

CA RS Level	Service	FMID
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	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

CA RS Level	Service	FMID
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	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

CA RS Level	Service	FMID
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	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

CA RS Level	Service	FMID
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	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	CRCCK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00

CA RS Level	Service	FMID
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	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

CA RS Level	Service	FMID
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	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

CA RS Level	Service	FMID
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	S008766	CINSK00
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	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

CA RS Level	Service	FMID
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	S008644	CINSK00
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	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

CA RS Level	Service	FMID
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	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	CRC SK00

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

CA RS Level	Service	FMID
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00

CA RS Level	Service	FMID
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	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

CA RS Level	Service	FMID
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	S004468	CPSAK00
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	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

CA RS Level	Service	FMID
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCCK00
	S001641	CPLAK00
CAR1805	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	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

CA RS Level	Service	FMID
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	S000846	CPRRK00
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100
CAR1801	R099853	CRCXK00
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRCXK00
	R099569	CRCQK00

CA RS Level	Service	FMID
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRCSK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00

CA RS Level	Service	FMID
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	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