

DB2 Tools 20.0
CA RS 2204 Service List

1

Service	Description	Type
LU04102	INFRASTRUCTURE CHANGE TO SUPPORT FUTURE VERSION OF DB2	PTF
LU04103	INFRASTRUCTURE CHANGE TO SUPPORT FUTURE VERSION OF DB2	PTF
LU04797	SQL-EASE ABENDS WITH SOC4 IN SQL\$GEN	PTF
LU04813	TABLE DROP/CREATED WHEN ADDING NEW PARTITION	PTF
LU04874	RTN IMP/EXP AND RTN INTERACTION ANALYSIS OPTIONS UNCLEAR	PTF
LU04875	RTN IMP/EXP AND RTN INTERACTION ANALYSIS OPTIONS UNCLEAR	PTF
LU04896	SELECT STATEMENT FAILURES NOT WRITTEN TO PTISELDD DATASET	PTF
LU04908	PXM0371 STORAGE SHORTAGE MESSAGE WITH LEVELSET COMMANDS	PTF
LU04919	ABEND SOC1 IN THE EXCEPTION SYSTEM	** PRP **
LU04930	DB2 VERSION FUNCTION LEVEL IN TRGVERS IS TRUNCATED	PTF
LU04931	DB2 VERSION FUNCTION LEVEL IN TRGVERS IS TRUNCATED	PTF
LU04932	DB2 VERSION FUNCTION LEVEL IN TRGVERS IS TRUNCATED	PTF
LU04945	LEVEL SET 20.0.03	PTF
LU04949	RC/MIGRATOR LICENSE PROCESSING	PTF
LU04950	RC/MIGRATOR LICENSE PROCESSING	PTF
LU04951	RC/MIGRATOR LICENSE PROCESSING	PTF
LU04952	RC/MIGRATOR LICENSE PROCESSING	PTF
LU04953	RC/MIGRATOR LICENSE PROCESSING	PTF
LU04960	INFRASTRUCTURE CHANGE TO STREAMLINE FUTURE DEVELOPMENT WORK	PTF
LU04961	PMM - PRODUCT LICENSE PROCESSING	PTF
LU04962	REBUILD UNIQUE INDEX PFR0246E DUPLICATE KEYS FOUND	PTF
LU04965	PFR - PRODUCT LICENSE PROCESSING	PTF
LU04966	PFR - PRODUCT LICENSE PROCESSING	PTF
LU04980	PFL7000I INDICATES ONLY PART 0001 SET TO COPY STATUS	PTF
LU04981	INCORRECT ENCODING OF UNLOADED DATA WITH VIEWS	PTF
LU04982	INCORRECT ENCODING OF UNLOADED DATA WITH VIEWS	PTF
LU04988	FAILURES AFTER STORAGE ACQUISITION REQUEST NOTIFICATION	PTF
LU04989	FAILURES AFTER STORAGE ACQUISITION REQUEST NOTIFICATION	PTF
LU04990	PUT0209E - ERROR ON GETLSVER AFTER LU03734 IS APPLIED.	** PRP **
LU05006	IDB2UIFI UNLOAD UTILITY UNCONDITIONALLY CONNECTS TO HSTSQldb	PTF
LU05019	DATA FILTERING INCORRECTLY EXCLUDES COMPRESSED DATA	PTF
LU05025	FIX SQL TRACE START, TERMINATE AND VIEW PARMS COMMANDS	PTF
LU05031	LFREE/LREBIND GENERATES INCORRECT CARD FOR THE REST SERVICE	PTF
LU05032	STORAGE LEAK SUBPOOL 129 ON DATA SHARING DATA COLLECTORS	PTF
LU05035	HDDL/DDDL ON IX,PR,UF,TG,VW WITH REMOTE ACM FAILS WITH -423	PTF
LU05036	RCQ SAVE COMMAND FAILS WITH -330/-901 SQLERROR	PTF
LU05052	UNACCOUNTED FOR TIME CALCULATION CHANGES	PTF
LU05058	INFRASTRUCTURE FOR FUTURE ENHANCEMENTS	PTF
LU05059	INFRASTRUCTURE FOR FUTURE ENHANCEMENTS	PTF
LU05060	INFRASTRUCTURE FOR FUTURE ENHANCEMENTS	PTF
LU05080	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
LU05085	PDA FAILS WITH ABEND 282-018 AFTER LU04221 IS APPLIED.	** PRP **
LU05089	RC/MIGRATOR ANALYSIS WITH ACM ON SYSPACKAGE RESULTS IN SOC4	PTF
LU05090	RC/MIGRATOR ANALYSIS WITH ACM ON SYSPACKAGE RESULTS IN SOC4	PTF
LU05091	RC/SECURE EXECUTION AND ANALYSIS FAILURE	** PRP **
LU05098	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU05102	STORAGE ACQUISITION REQUEST FAILED IN QUERY FACILITY	PTF

DB2 Tools 20.0
CA RS 2204 Service List

2

Service	Description	Type
LU05103	REMOVE AMODE 24 EXECUTION IN IUIPDS PDS MEMBER MANAGEMENT	PTF
LU05109	SOC1 ABEND IN GROUP ICL	PTF
LU05110	SQL PARSER SYNTAX ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
LU05111	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
LU05112	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
LU05113	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
LU05114	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
LU05115	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
LU05116	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
LU05117	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
LU05118	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
LU05127	ABEND 0C4/0D7 IN DTSDII	PTF
LU05140	PRA - RI RESOLVING DOES NOT SUPPORT LONG TABLE NAMES	PTF
LU05142	RMA630W ISSUED WHEN TABLESPACE ALREADY REORGANIZED	PTF
LU05152	DETECTOR CREATES SVCDDUMP NEAR START OF COLLECTION	PTF
LU05156	CREATE TABLE NOT GENERATED ON A COMPARE WHERE TARGET REMOTE	PTF
LU05169	PRF - PRODUCT LICENSE PROCESSING	PTF
LU05175	ALTER, DROP, CREATE, AND TEMPLATE CMD SUPPORT FOR ROUTINES	PTF
LU05176	ALTER, DROP, CREATE, AND TEMPLATE CMD SUPPORT FOR ROUTINES	PTF
LU05177	ALTER, DROP, CREATE, AND TEMPLATE CMD SUPPORT FOR ROUTINES	PTF
LU05206	SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR	PTF
LU05207	SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR	PTF
LU05208	SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR	PTF
LU05209	SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR	PTF
LU05210	SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR	PTF
LU05211	INVALID DATA PRINTED IN DOUBLEWORD FIELD	PTF
LU05224	SUPPORT FOR SECONDARY ROLES IN TRUSTED CONTEXT RECORD	PTF
LU05242	ALTER COLUMN GENERATED ON A COLUMN IN GLOBAL TEMPORARY TABLE	PTF
LU05243	SQLCODE -313 ISSUED BY RMA@UF2 IF SOURCE/TARGET IS REMOTE	PTF
LU05265	ABEND 0C4 FOLLOWING LU05127	** PRP **
LU05276	RCQ DB/T REPORT DISPLAYING ROW COUNT IN SCIENTIFIC FORMAT	PTF
LU05277	RCQ DB/T REPORT DISPLAYING ROW COUNT IN SCIENTIFIC FORMAT	PTF
LU05278	DROP VERSIONING INCORRECTLY GENERATED WITH RECOVERY OPTION	PTF
The CA RS 2204 service count for this release is 80		

DB2 Tools
CA RS 2204 Service List for CAHOK00

FMID	Service	Description	Type
CAHOK00	LU04949	RC/MIGRATOR LICENSE PROCESSING	PTF
The CA RS 2204 service count for this FMID is 1			

DB2 Tools
CA RS 2204 Service List for CIDBK00

FMID	Service	Description	Type
CIDBK00	LU04919	ABEND SOC1 IN THE EXCEPTION SYSTEM	** PRP **
	LU05006	IDB2UIFI UNLOAD UTILITY UNCONDITIONALLY CONNECTS TO HSTSQLDB	PTF
	LU05032	STORAGE LEAK SUBPOOL 129 ON DATA SHARING DATA COLLECTORS	PTF
	LU05058	INFRASTRUCTURE FOR FUTURE ENHANCEMENTS	PTF
	LU05098	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU05103	REMOVE AMODE 24 EXECUTION IN IUIPDS PDS MEMBER MANAGEMENT	PTF
	LU05211	INVALID DATA PRINTED IN DOUBLEWORD FIELD	PTF
	LU05224	SUPPORT FOR SECONDARY ROLES IN TRUSTED CONTEXT RECORD	PTF
The CA RS 2204 service count for this FMID is 8			

FMID	Service	Description	Type
CINSK00	LU04813	TABLE DROP/CREATED WHEN ADDING NEW PARTITION	PTF
	LU04874	RTN IMP/EXP AND RTN INTERACTION ANALYSIS OPTIONS UNCLEAR	PTF
	LU04896	SELECT STATEMENT FAILURES NOT WRITTEN TO PTISELDD DATASET	PTF
	LU04908	PXM0371 STORAGE SHORTAGE MESSAGE WITH LEVELSET COMMANDS	PTF
	LU04930	DB2 VERSION FUNCTION LEVEL IN TRGVERS IS TRUNCATED	PTF
	LU04945	LEVEL SET 20.0.03	PTF
	LU04950	RC/MIGRATOR LICENSE PROCESSING	PTF
	LU04960	INFRASTRUCTURE CHANGE TO STREAMLINE FUTURE DEVELOPMENT WORK	PTF
	LU04988	FAILURES AFTER STORAGE ACQUISITION REQUEST NOTIFICATION	PTF
	LU05031	LFREE/LREBIND GENERATES INCORRECT CARD FOR THE REST SERVICE	PTF
	LU05059	INFRASTRUCTURE FOR FUTURE ENHANCEMENTS	PTF
	LU05080	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
	LU05089	RC/MIGRATOR ANALYSIS WITH ACM ON SYSPACKAGE RESULTS IN SOC4	PTF
	LU05109	SOC1 ABEND IN GROUP ICL	PTF
	LU05111	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
	LU05142	RMA630W ISSUED WHEN TABLESPACE ALREADY REORGANIZED	PTF
	LU05156	CREATE TABLE NOT GENERATED ON A COMPARE WHERE TARGET REMOTE	PTF
	LU05175	ALTER, DROP, CREATE, AND TEMPLATE CMD SUPPORT FOR ROUTINES	PTF
	LU05206	SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR	PTF
	LU05242	ALTER COLUMN GENERATED ON A COLUMN IN GLOBAL TEMPORARY TABLE	PTF
	LU05243	SQLCODE -313 ISSUED BY RMA@UF2 IF SOURCE/TARGET IS REMOTE	PTF
	LU05276	RCQ DB/T REPORT DISPLAYING ROW COUNT IN SCIENTIFIC FORMAT	PTF
	LU05278	DROP VERSIONING INCORRECTLY GENERATED WITH RECOVERY OPTION	PTF
The CA RS 2204 service count for this FMID is 23			

DB2 Tools
CA RS 2204 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	LU05035	HDDL/DDDL ON IX,PR,UF,TG,VW WITH REMOTE ACM FAILS WITH -423	PTF
The CA RS 2204 service count for this FMID is 1			

DB2 Tools
CA RS 2204 Service List for CPDAK00

7

FMID	Service	Description	Type
CPDAK00	LU04989	FAILURES AFTER STORAGE ACQUISITION REQUEST NOTIFICATION	PTF
	LU05085	PDA FAILS WITH ABEND 282-018 AFTER LU04221 IS APPLIED.	** PRP **
	LU05102	STORAGE ACQUISITION REQUEST FAILED IN QUERY FACILITY	PTF
	LU05112	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
The CA RS 2204 service count for this FMID is 4			

DB2 Tools
CA RS 2204 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	LU05025	FIX SQL TRACE START, TERMINATE AND VIEW PARMS COMMANDS	PTF
	LU05052	UNACCOUNTED FOR TIME CALCULATION CHANGES	PTF
	LU05060	INFRASTRUCTURE FOR FUTURE ENHANCEMENTS	PTF
	LU05113	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
	LU05127	ABEND 0C4/0D7 IN DTSDII	PTF
	LU05152	DETECTOR CREATES SVCDUMP NEAR START OF COLLECTION	PTF
	LU05265	ABEND 0C4 FOLLOWING LU05127	** PRP **
The CA RS 2204 service count for this FMID is 7			

DB2 Tools
CA RS 2204 Service List for CPFLK00

FMID	Service	Description	Type
CPFLK00	LU04980	PFL7000I INDICATES ONLY PART 0001 SET TO COPY STATUS	PTF
	LU05207	SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR	PTF
The CA RS 2204 service count for this FMID is 2			

DB2 Tools
CA RS 2204 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	LU04981	INCORRECT ENCODING OF UNLOADED DATA WITH VIEWS	PTF
	LU05114	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
The CA RS 2204 service count for this FMID is 2			

DB2 Tools
CA RS 2204 Service List for CPLAK00

11

FMID	Service	Description	Type
CPLAK00	LU04102	INFRASTRUCTURE CHANGE TO SUPPORT FUTURE VERSION OF DB2	PTF
	LU05019	DATA FILTERING INCORRECTLY EXCLUDES COMPRESSED DATA	PTF
	LU05115	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
The CA RS 2204 service count for this FMID is 3			

DB2 Tools
CA RS 2204 Service List for CPPAK00

FMID	Service	Description	Type
CPPAK00	LU04797	SQL-EASE ABENDS WITH SOC4 IN SQL\$GEN	PTF
	LU05116	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
The CA RS 2204 service count for this FMID is 2			

DB2 Tools
CA RS 2204 Service List for CPRAK00

FMID	Service	Description	Type
CPRAK00	LU05140	PRA - RI RESOLVING DOES NOT SUPPORT LONG TABLE NAMES	PTF
The CA RS 2204 service count for this FMID is 1			

DB2 Tools
CA RS 2204 Service List for CPRFK00

14

FMID	Service	Description	Type
CPRFK00	LU05169	PRF - PRODUCT LICENSE PROCESSING	PTF
The CA RS 2204 service count for this FMID is 1			

DB2 Tools
CA RS 2204 Service List for CPRRK00

15

FMID	Service	Description	Type
CPRRK00	LU04965	PFR - PRODUCT LICENSE PROCESSING	PTF
	LU05208	SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR	PTF
The CA RS 2204 service count for this FMID is 2			

DB2 Tools
CA RS 2204 Service List for CPUTK00

FMID	Service	Description	Type
CPUTK00	LU04982	INCORRECT ENCODING OF UNLOADED DATA WITH VIEWS	PTF
	LU04990	PUT0209E - ERROR ON GETLSVER AFTER LU03734 IS APPLIED.	** PRP **
	LU05117	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
	LU05209	SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR	PTF
The CA RS 2204 service count for this FMID is 4			

FMID	Service	Description	Type
CRCMK00	LU04875	RTN IMP/EXP AND RTN INTERACTION ANALYSIS OPTIONS UNCLEAR	PTF
	LU04931	DB2 VERSION FUNCTION LEVEL IN TRGVERS IS TRUNCATED	PTF
	LU04951	RC/MIGRATOR LICENSE PROCESSING	PTF
	LU05090	RC/MIGRATOR ANALYSIS WITH ACM ON SYSPACKAGE RESULTS IN SOC4	PTF
The CA RS 2204 service count for this FMID is 4			

DB2 Tools
CA RS 2204 Service List for CRCQK00

FMID	Service	Description	Type
CRCQK00	LU04952	RC/MIGRATOR LICENSE PROCESSING	PTF
	LU05036	RCQ SAVE COMMAND FAILS WITH -330/-901 SQLERROR	PTF
	LU05176	ALTER, DROP, CREATE, AND TEMPLATE CMD SUPPORT FOR ROUTINES	PTF
	LU05277	RCQ DB/T REPORT DISPLAYING ROW COUNT IN SCIENTIFIC FORMAT	PTF
The CA RS 2204 service count for this FMID is 4			

DB2 Tools
CA RS 2204 Service List for CRCSK00

FMID	Service	Description	Type
CRC SK00	LU04953	RC/MIGRATOR LICENSE PROCESSING	PTF
	LU05091	RC/SECURE EXECUTION AND ANALYSIS FAILURE	** PRP **
The CA RS 2204 service count for this FMID is 2			

DB2 Tools
CA RS 2204 Service List for CRCUK00

FMID	Service	Description	Type
CRCUK00	LU04932	DB2 VERSION FUNCTION LEVEL IN TRGVERS IS TRUNCATED	PTF
	LU05118	CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
	LU05177	ALTER, DROP, CREATE, AND TEMPLATE CMD SUPPORT FOR ROUTINES	PTF
The CA RS 2204 service count for this FMID is 3			

DB2 Tools
CA RS 2204 Service List for CSQ2100

21

FMID	Service	Description	Type
CSQ2100	LU05110	SQL PARSER SYNTAX ENHANCEMENTS FOR A FUTURE DB2 VERSION	PTF
The CA RS 2204 service count for this FMID is 1			

DB2 Tools
CA RS 2204 Service List for CUGRK00

FMID	Service	Description	Type
CUGRK00	LU04103	INFRASTRUCTURE CHANGE TO SUPPORT FUTURE VERSION OF DB2	PTF
	LU04961	PMM - PRODUCT LICENSE PROCESSING	PTF
	LU04962	REBUILD UNIQUE INDEX PFR0246E DUPLICATE KEYS FOUND	PTF
	LU04966	PFR - PRODUCT LICENSE PROCESSING	PTF
	LU05210	SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR	PTF
The CA RS 2204 service count for this FMID is 5			

Service	Details
LU04102	LU04102 M.C.S. ENTRIES = ++PTF (LU04102) INFRASTRUCTURE CHANGE TO SUPPORT FUTURE VERSION OF DB2 ENHANCEMENT DESCRIPTION: Infrastructure change to support future Db2 for z/OS releases. PRODUCT(S) AFFECTED: Utility General Recovery Version 20.0 Related Problem: PFR 15696 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01798-D200 DESC(INFRASTRUCTURE CHANGE TO SUPPORT FUTURE VERSION OF DB2). ++VER (Z038) FMID (CPLAK00) PRE (LU04419 S001667) SUP (LT04102 ST01388) ++IF FMID(CUGRK00) REQ(LU04103) . CSECT(PTADBZCR) .

Service	Details
LU04103	LU04103 M.C.S. ENTRIES = ++PTF (LU04103) INFRASTRUCTURE CHANGE TO SUPPORT FUTURE VERSION OF DB2 ENHANCEMENT DESCRIPTION: Infrastructure change to support future Db2 for z/OS releases. PRODUCT(S) AFFECTED: Utility General Recovery Version 20.0 Related Problem: PFR 15696 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01798-D200 DESC(INFRASTRUCTURE CHANGE TO SUPPORT FUTURE VERSION OF DB2). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU03859 LU04435 R096595 R099574 S000029 S000788 S001660 S001668 S001855 S004251 S004475 S006132 S006879 S007826 S008280 S008466 S009742 S009903 S012155 S012352 S013130 S014483 S014568) SUP (LT02385 LT04103 LU02385 ST01389) ++IF FMID(CPLAK00) REQ(LU04102) .

Service	Details
LU04797	LU04797 M.C.S. ENTRIES = ++PTF (LU04797) SQL-EASE ABENDS WITH SOC4 IN SQL\$GEN PROBLEM DESCRIPTION: SQL-Ease for Db2 for z/OS (SQE) abends with an OC4 when users use the GEN function to generate a subSELECT and request a DECLARE TABLE statement (DCL) for the SPUFI host language. SYMPTOMS: Users may experience system abend code 4 reason code 4 in module SQL\$GEN with the following messages: System abend code = OC4 Reason code = 04 Module name . . . : SQL\$GEN Entry point address 3C5A8748 IRX0250E System abend code OC4, reason code 00000004. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. IMPACT: Users may not be able generate the requested SQL statement. CIRCUMVENTION: In order to prevent the SOC4 abend, do not request a DCL for a subSELECT statement for the SPUFI host language. PRODUCT(S) AFFECTED: Plan Analyzer for Db2 for z/OS Version 20.0 Related Problem: PPADB2 16173 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01872-D200 DESC(SQL-EASE ABENDS WITH SOC4 IN SQL\$GEN). ++VER (Z038) FMID (CPPAK00) PRE (LU04420 S001404) SUP (LT04797)

Service	Details
LU04813	LU04813 M.C.S. ENTRIES = ++PTF (LU04813) TABLE DROP/CREATED WHEN ADDING NEW PARTITION PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), adding new partitions to a table results in DDL to DROP and CREATE the table rather than an ALTER when the following are true: 1. The table partitioning key is defined with more than one key column 2. The limit key value for the last existing partition is not 'MAXVALUE/MINVALUE'. SYMPTOMS: The generated script will include a drop and a create DDL for the table. IMPACT: The table is unnecessarily dropped and recreated instead of DB2 alter to add partitions. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 16241 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01874-D200 DESC(TABLE DROP/CREATED WHEN ADDING NEW PARTITION). ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 LU03142 LU03657 LU04149 LU04412 R097704 S004455 S004718 S006113 S007379 S011691 S011966 S012361 S012933 S015804) SUP (LT04813)

Service	Details
LU04874	LU04874 M.C.S. ENTRIES = ++PTF (LU04874) RTN IMP/EXP AND RTN INTERACTION ANALYSIS OPTIONS UNCLEAR PROBLEM DESCRIPTION: The Analysis Options Panel for RC/Migrator for Db2 for z/OS does not clearly communicate how the RTN INTERACTION options influence the different RTN IMP/EXP options. SYMPTOMS: RTN INTERACTION values of 'A' and 'N' override a RTN IMP/EXP value of '*' or 'N'. This is documented in the online tutorials, but is not obvious from the panel options that are displayed. RTN IMP/EXP ==> * (N,T,V,A,*,blank) RTN INTERACTION ==> A (Y,N,A,O,E,M,S) IMPACT: It is unclear which RTN INTERACTION options are used when certain RTN IMP/EXP options are provided. In addition, some online documentation is unclear or missing. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 15926 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO1886-D200 DESC(RTN IMP/EXP AND RTN INTERACTION ANALYSIS OPTIONS UNCLEAR). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04149 LU04412 LU04573 R096576 R097704 R099553 S001396 S004455 S004718 S004855 S005199 S006113 S006638 S007323 S007379 S007807 S008859 S009105 S010549 S011691 S011866 S011966 S012361 S012751 S012904 S012933 S013071 S014125 S014832 S015804) SUP (LT04826 LT04874) ++IF FMID(CRCMK00) REQ(LU04875) . CSECT(RMA\$PARM,\$QLIST8) . CSECT(RMA@PARM,RMAXXRMX) .

Service	Details
LU04875	LU04875 M.C.S. ENTRIES = ++PTF (LU04875) RTN IMP/EXP AND RTN INTERACTION ANALYSIS OPTIONS UNCLEAR PROBLEM DESCRIPTION: The Analysis Options Panel for RC/Migrator for Db2 for z/OS does not clearly communicate how the RTN INTERACTION options influence the different RTN IMP/EXP options. SYMPTOMS: RTN INTERACTION values of 'A' and 'N' override a RTN IMP/EXP value of '*' or 'N'. This is documented in the online tutorials, but is not obvious from the panel options that are displayed. RTN IMP/EXP ==> * (N,T,V,A,*,blank) RTN INTERACTION ==> A (Y,N,A,O,E,M,S) IMPACT: It is unclear which RTN INTERACTION options are used when certain RTN IMP/EXP options are provided. In addition, some online documentation is unclear or missing. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 15926 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO1886-D200 DESC(RTN IMP/EXP AND RTN INTERACTION ANALYSIS OPTIONS UNCLEAR). ++VER (Z038) FMID (CRCMK00) PRE (LU03661 LU04429) SUP (LT04827 LT04875) ++IF FMID(CINSK00) REQ(LU04874) .

Service	Details
LU04896	LU04896 M.C.S. ENTRIES = ++PTF (LU04896) SELECT STATEMENT FAILURES NOT WRITTEN TO PTISELDD DATASET PROBLEM DESCRIPTION: In the Batch Processor (RBP) component of the Database Management Solutions for Db2 for z/OS, the SELECT statement execution failures are not written to the output dataset allocated to PTISELDD ddname. SYMPTOMS: SQL errors are not written to the dataset for the SELECT statements. IMPACT: Users cannot determine the cause of SQL failure from the output dataset. CIRCUMVENTION: Use the audit messages file to determine the cause of SQL failure. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: RBP 16242 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01888-D200 DESC(SELECT STATEMENT FAILURES NOT WRITTEN TO PTISELDD DATASET). ++VER (Z038) FMID (CINSK00) PRE (LU01683 LU04412 S006638 S007379 S009183 S011957) SUP (LT04896) CSECT(BPAMCTL,COMMANDS). CSECT(BPASQLC,OUTCSECT).

Service	Details	
LU04908	LU04908 M.C.S. ENTRIES = ++PTF (LU04908)	
	PXM0371 STORAGE SHORTAGE MESSAGE WITH LEVELSET COMMANDS	
	PROBLEM DESCRIPTION:	
	The Xmanager (PXM) may issue the PXM0371 storage shortage message when a SHOW LEVELSET, TEST LEVELSET, or ACTIVATE LEVELSET command is issued. This problem occurs only when XSYS=Y is specified.	
	SYMPTOMS:	
	The Xmanager terminates to provide storage relief with the following message in the Xmanager log:	
	PXM0371 XMANAGER REGION INUSE HAS REACHED CRITICAL THRESHOLD FOR MOBJ	
	PXM0370 CA/XMANAGER SHUTDOWN IN PROGRESS XMID=XXXX	
	IMPACT:	
	The Xmanager terminates.	
	CIRCUMVENTION:	
	None.	
	PRODUCT(S) AFFECTED:	
	Db2 Common Components	Version 20.0
	Related Problem:	
	PXM 16335	
	(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved	
	R01889-D200	
	DESC(PXM0371 STORAGE SHORTAGE MESSAGE WITH LEVELSET COMMANDS).	
	++VER (Z038)	
	FMID (CINSK00)	
	PRE (LU00523 LU00937 LU01760 LU01978 LU04355 LU04412	
	S004455 S006113 S011317 S013717 S013839 S015045	
	S015394)	
	SUP (LT04908)	
	++HOLD (LU04908) SYSTEM FMID(CINSK00)	
	REASON (RESTART)	DATE (22061)
	COMMENT (	
	+-----+-----+-----+	
	DB2 Common Components	Version 20.0
	+-----+-----+-----+	
	SEQUENCE	Before Apply
	+-----+-----+-----+	
	PURPOSE	Avoidance of module mismatch related errors in an Xmanager
	+-----+-----+-----+	
	USERS	Collections of Db2 statistics via Detector or Subsystem
	AFFECTED	Analyzer.
		Db2 subsystems that have active collections.
	+-----+-----+-----+	
	KNOWLEDGE	1. SMP/E
	REQUIRED	2. z/OS System Programming
		3. Db2 Tools Installation and Maintenance procedures.
	+-----+-----+-----+	
	ACCESS	1. Product runtime libraries.
	REQUIRED	
	+-----+-----+-----+	

	* STEPS TO PERFORM *	

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

Service	Details
LU04919	LU04919 M.C.S. ENTRIES = ++PTF (LU04919) ABEND SOC1 IN THE EXCEPTION SYSTEM PROBLEM DESCRIPTION: SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) might incorrectly process the schema name length in the exception system leading to an SOC1 abend. SYMPTOMS: ABEND SOC1. NMSPRMVC SOC1 at 40404042 LMOD N/A CSECT N/A General Registers 0-7: 00000004 2CEE8B88 00000087 2B49BCC8 00000000 2CE79420 2CE79638 2B49BCC8 General Registers 8-15: 00000000 2CEE71D8 0006D000 00111000 2CEE48A0 0011D510 ACEE4900 40404040 IMPACT: The data collector task has to be restarted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 16284 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01890-D200 DESC (ABEND SOC1 IN THE EXCEPTION SYSTEM). ++VER (Z038) FMID (CIDBK00) PRE (LU00545 LU02340 LU02708 LU03929 LU04374 LU04411 LU04803 S006112 S006862 S007806 S008846 S010906 S011616 S012769 S013891 S014099 S015070) SUP (AL04803 LT00159 LT01845 LT04919 LU00159 LU01845) CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXACTDM) .

Service	Details
LU04930	LU04930 M.C.S. ENTRIES = ++PTF (LU04930) DB2 VERSION FUNCTION LEVEL IN TRGVERS IS TRUNCATED PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), when analyzing a migration strategy using a target Db2 v12 subsystem that is not defined in the SETUPnn Parmlib member, the function level is truncated. SYMPTOMS: The enenerated TRGVERS analysis parameter does not include the desired function level. RMA383I TRGSSID <SSID> RMA383I TRGVERS 12R1M0 <=== Function level is truncated IMPACT: The DDL generated may not be for the desired function level. CIRCUMVENTION: None PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16215 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01891-D200 DESC(DB2 VERSION FUNCTION LEVEL IN TRGVERS IS TRUNCATED) . ++VER (Z038) FMID (CINSK00) PRE (LU00426 LU00432 LU00446 LU00914 LU03314 LU03657 LU03923 LU04149 LU04412 LU04573 LU04950 R096576 R097704 R099553 S000016 S001396 S004455 S004718 S006638 S006863 S007379 S007807 S008128 S008291 S008957 S009105 S011691 S011866 S011966 S012361 S012751 S012933 S013071 S014125 S014832 S015804) SUP (LT01376 LT02945 LT03259 LT04376 LT04930 LU01376 LU02945 LU03259 LU04376 R099748 S009564 S009893 S013352 ST09564 ST09893 ST13352 TR99748) ++IF FMID(CRCMK00) REQ(LU04931) . ++IF FMID(CRCUK00) REQ(LU04932) . CSECT(RMA@MAIN,#@XFALN) . CSECT(ROADDL,ROMDDL) .

Service	Details
LU04931	LU04931 M.C.S. ENTRIES = ++PTF (LU04931) DB2 VERSION FUNCTION LEVEL IN TRGVERS IS TRUNCATED PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), when analyzing a migration strategy using a target Db2 v12 subsystem that is not defined in the SETUPnn Parmlib member, the function level is truncated. SYMPTOMS: The enenerated TRGVERS analysis parameter does not include the desired function level. RMA383I TRGSSID <SSID> RMA383I TRGVERS 12R1M0 <=== Function level is truncated IMPACT: The DDL generated may not be for the desired function level. CIRCUMVENTION: None PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16215 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01891-D200 DESC(DB2 VERSION FUNCTION LEVEL IN TRGVERS IS TRUNCATED). ++VER (Z038) FMID (CRCMK00) PRE (LU04429) SUP (LT04931) ++IF FMID(CRCUK00) REQ(LU04932) . ++IF FMID(CINSK00) REQ(LU04930) .

Service	Details
LU04932	LU04932 M.C.S. ENTRIES = ++PTF (LU04932) DB2 VERSION FUNCTION LEVEL IN TRGVERS IS TRUNCATED PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), when analyzing a migration strategy using a target Db2 v12 subsystem that is not defined in the SETUPnn Parmlib member, the function level is truncated. SYMPTOMS: The enenerated TRGVERS analysis parameter does not include the desired function level. RMA383I TRGSSID <SSID> RMA383I TRGVERS 12R1M0 <=== Function level is truncated IMPACT: The DDL generated may not be for the desired function level. CIRCUMVENTION: None PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16215 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01891-D200 DESC(DB2 VERSION FUNCTION LEVEL IN TRGVERS IS TRUNCATED). ++VER (Z038) FMID (CRCUK00) PRE (LU04432) SUP (LT04932) ++IF FMID(CRCMK00) REQ(LU04931) . ++IF FMID(CINSK00) REQ(LU04930) .

Service	Details
LU04945	LU04945 M.C.S. ENTRIES = ++PTF (LU04945) LEVEL SET 20.0.03 ENHANCEMENT DESCRIPTION: Enables activation of CA Database Management Solutions for DB2 for z/OS Level Set 20.0.03. 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 15829 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01893-D200 DESC(LEVEL SET 20.0.03). ++VER (Z038) FMID (CINSK00) PRE (LU00162 LU01290 LU02151 LU03499 LU03657 LU03691 LU03703 LU03709 LU03712 LU03761 LU03788 LU03789 LU03808 LU03813 LU03838 LU03856 LU03869 LU03878 LU03879 LU03907 LU03923 LU03952 LU03953 LU03955 LU03961 LU03997 LU04006 LU04082 LU04084 LU04094 LU04121 LU04136 LU04146 LU04149 LU04167 LU04220 LU04230 LU04243 LU04262 LU04264 LU04355 LU04369 LU04376 LU04399 LU04400 LU04405 LU04412 LU04443 LU04452 LU04458 LU04459 LU04463 LU04483 LU04484 LU04488 LU04493 LU04529 LU04573 LU04621 LU04654 LU04656 LU04746 LU04813 LU04857 LU04896 LU04908 LU04960 S013827) SUP (LT04945) ++IF FMID(COFSK00) REQ(LU03659 LU03924 LU04085 LU04202 LU04413 LU04444). ++IF FMID(CPLAK00) REQ(LU03660 LU03731 LU03749 LU03925 LU04004 LU04102 LU04419 LU04562 LU04788 LU04842). ++IF FMID(CRCMK00) REQ(LU03661 LU04429 LU04464 LU04489) . ++IF FMID(CRCQK00) REQ(LU03662 LU03935 LU04244 LU04430 LU04530 LU04657 LU04834). ++IF FMID(CRCUK00) REQ(LU03663 LU04150 LU04432) . ++IF FMID(CRCXK00) REQ(LU03664 LU03926 LU04151 LU04433) . ++IF FMID(CPFLK00) REQ(LU03684 LU03742 LU03846 LU04159 LU04417 LU04616). ++IF FMID(CPRRK00) REQ(LU03685 LU03733 LU04425 LU04637) . ++IF FMID(CPUTK00) REQ(LU03686 LU03734 LU03847 LU04123 LU04161 LU04427 LU04618 LU04869 LU04990). ++IF FMID(CPRAK00) REQ(LU03706 LU04421 LU04880) . ++IF FMID(CPDTK00) REQ(LU03710 LU03809 LU03917 LU03998 LU04015 LU04231 LU04263 LU04339 LU04356 LU04416 LU04490 LU04586 LU04795). ++IF FMID(CPFUK00) REQ(LU03732 LU03827 LU04160 LU04418 LU04675 LU04789 LU04868). ++IF FMID(CUGRK00) REQ(LU03735 LU03759 LU03859 LU04103 LU04370 LU04435 LU04619 LU04636 LU04732 LU04870

Service	Details
	LU04961 LU04962) . ++IF FMID(CSQ2100) REQ(LU03760 LU04462 LU04561) . ++IF FMID(CPDAK00) REQ(LU03762 LU03814 LU04122 LU04221 LU04415) . ++IF FMID(CPPAK00) REQ(LU03822 LU04420 LU04486) . ++IF FMID(CPSAK00) REQ(LU03918 LU04232 LU04357 LU04426 LU04653 LU04733) . ++IF FMID(CIDBK00) REQ(LU03929 LU03954 LU04026 LU04027 LU04097 LU04100 LU04217 LU04222 LU04229 LU04282 LU04287 LU04354 LU04371 LU04374 LU04411 LU04498 LU04566 LU04803 LU04818 LU04919) . ++IF FMID(CEU9K00) REQ(LU04353 LU04410) . ++IF FMID(CTGRK00) REQ(LU04358 LU04434) . ++IF FMID(CPRFK02) REQ(LU04379 LU04424) . ++IF FMID(CAHOK00) REQ(LU04409) . ++IF FMID(CPBAK00) REQ(LU04414 LU04485) . ++IF FMID(CPRFK00) REQ(LU04422) . ++IF FMID(CPRFK01) REQ(LU04423) . ++IF FMID(CPXNK00) REQ(LU04428 LU04855) . ++IF FMID(CRCSK00) REQ(LU04431) . ++IF FMID(CUTSK00) REQ(LU04436) .

Service	Details
LU04949	LU04949 M.C.S. ENTRIES = ++PTF (LU04949) The following items are included in this solution: 1. RC/MIGRATOR LICENSE PROCESSING 2. RCQ LICENSE PROCESSING 3. RC/SECURE LICENSE CHECK IMPROVEMENTS 4. RI/MANAGER LICENSE PROCESSING 5. ENDEVOR FOR DB2 LICENSE PROCESSING ===== RC/MIGRATOR LICENSE PROCESSING PROBLEM DESCRIPTION: In RC/Migrator for DB2 for z/OS (RCM), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 16025 ===== RCQ LICENSE PROCESSING PROBLEM DESCRIPTION: In RC/Query for DB2 for z/OS (RCQ), we have updated our product license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 15562 ===== RC/SECURE LICENSE CHECK IMPROVEMENTS PROBLEM DESCRIPTION: In RC/Secure for DB2 for z/OS (RCS), license checks are being performed on all entry points of the product. SYMPTOMS: Transparent to the customer experience and product functionality. Unlicensed usage will be permitted, warning messages will be generated in the system log. IMPACT: Access to the product will not be affected. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Secure for DB2 for z/OS Version 20.0 Related Problem:

Service	Details
	RCSDB2 15635 ===== RI/MANAGER LICENSE PROCESSING PROBLEM DESCRIPTION: In RI/Manager for DB2 for z/OS (PRI), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: PRI 15602 ===== ENDEVOR FOR DB2 LICENSE PROCESSING PROBLEM DESCRIPTION: In Endevor for DB2 for z/OS (EDB2), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Endevor Software Change Manager for DB2 for z/OS Version 20.0 Related Problem: EDB2 16019 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01895-D200 DESC(RC/MIGRATOR LICENSE PROCESSING). ++VER (Z038) FMID (CAHOK00) PRE (LU04409 S013307) SUP (LT04949) ++IF FMID(CINSK00) REQ(LU04950) . ++IF FMID(CRCMK00) REQ(LU04951) . ++IF FMID(CRCQK00) REQ(LU04952) . ++IF FMID(CRCSK00) REQ(LU04953) . CSECT(ENABCPME,ENABCPNF,ENMBCVT) .

Service	Details
LU04950	LU04950 M.C.S. ENTRIES = ++PTF (LU04950) The following items are included in this solution: 1. RC/MIGRATOR LICENSE PROCESSING 2. RCQ LICENSE PROCESSING 3. RC/SECURE LICENSE CHECK IMPROVEMENTS 4. RI/MANAGER LICENSE PROCESSING 5. ENDEVOR FOR DB2 LICENSE PROCESSING ===== RC/MIGRATOR LICENSE PROCESSING PROBLEM DESCRIPTION: In RC/Migrator for DB2 for z/OS (RCM), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 16025 ===== RCQ LICENSE PROCESSING PROBLEM DESCRIPTION: In RC/Query for DB2 for z/OS (RCQ), we have updated our product license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 15562 ===== RC/SECURE LICENSE CHECK IMPROVEMENTS PROBLEM DESCRIPTION: In RC/Secure for DB2 for z/OS (RCS), license checks are being performed on all entry points of the product. SYMPTOMS: Transparent to the customer experience and product functionality. Unlicensed usage will be permitted, warning messages will be generated in the system log. IMPACT: Access to the product will not be affected. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Secure for DB2 for z/OS Version 20.0 Related Problem:

Service	Details
	RCSDB2 15635 ===== RI/MANAGER LICENSE PROCESSING PROBLEM DESCRIPTION: In RI/Manager for DB2 for z/OS (PRI), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: PRI 15602 ===== ENDEVOR FOR DB2 LICENSE PROCESSING PROBLEM DESCRIPTION: In Endevor for DB2 for z/OS (EDB2), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Endevor Software Change Manager for DB2 for z/OS Version 20.0 Related Problem: EDB2 16019 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01895-D200 DESC(RC/MIGRATOR LICENSE PROCESSING). ++VER (Z038) FMID (CINSK00) PRE (LU00412 LU00446 LU02345 LU03657 LU04149 LU04412 LU04463 R096576 R097704 R099553 S000016 S001396 S004455 S004718 S004855 S005199 S006113 S006286 S006638 S007379 S007807 S007955 S008128 S009105 S009356 S009417 S009860 S010292 S011866 S011966 S012361 S012751 S012817 S012933 S013071 S014125 S014832 S015804 S016032) SUP (LT02166 LT04376 LT04950 LU02166 LU04376 S013044 ST13044) ++IF FMID(CRCMK00) REQ(LU04951) . ++IF FMID(CRCQK00) REQ(LU04952) . ++IF FMID(CRCSK00) REQ(LU04953) . ++IF FMID(CAHOK00) REQ(LU04949) . ++HOLD (LU04950) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (22068) COMMENT (+-----+

Service	Details
	<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\$CMAI,RMA\$CVT,@#EABLDL). CSECT(RMA#DBMP,DBMPKWDS,NUM_TAB,O_PAREN). CSECT(RMA#DBMV,#@XFCALN). CSECT(RMA#MERG,#@XFCALN). CSECT(RMA#MSYN,RMA\$CVT,#@XFCALN,@#EABLDL). CSECT(RMA@MAIN,#@XFCALN). </pre>

Service	Details
LU04951	LU04951 M.C.S. ENTRIES = ++PTF (LU04951) The following items are included in this solution: 1. RC/MIGRATOR LICENSE PROCESSING 2. RCQ LICENSE PROCESSING 3. RC/SECURE LICENSE CHECK IMPROVEMENTS 4. RI/MANAGER LICENSE PROCESSING 5. ENDEVOR FOR DB2 LICENSE PROCESSING ===== RC/MIGRATOR LICENSE PROCESSING PROBLEM DESCRIPTION: In RC/Migrator for DB2 for z/OS (RCM), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 16025 ===== RCQ LICENSE PROCESSING PROBLEM DESCRIPTION: In RC/Query for DB2 for z/OS (RCQ), we have updated our product license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 15562 ===== RC/SECURE LICENSE CHECK IMPROVEMENTS PROBLEM DESCRIPTION: In RC/Secure for DB2 for z/OS (RCS), license checks are being performed on all entry points of the product. SYMPTOMS: Transparent to the customer experience and product functionality. Unlicensed usage will be permitted, warning messages will be generated in the system log. IMPACT: Access to the product will not be affected. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Secure for DB2 for z/OS Version 20.0 Related Problem:

Service	Details
	RCSDB2 15635 ===== RI/MANAGER LICENSE PROCESSING PROBLEM DESCRIPTION: In RI/Manager for DB2 for z/OS (PRI), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: PRI 15602 ===== ENDEVOR FOR DB2 LICENSE PROCESSING PROBLEM DESCRIPTION: In Endevor for DB2 for z/OS (EDB2), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Endevor Software Change Manager for DB2 for z/OS Version 20.0 Related Problem: EDB2 16019 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01895-D200 DESC(RC/MIGRATOR LICENSE PROCESSING). ++VER (Z038) FMID (CRCMK00) PRE (LU04429) SUP (LT04951) ++IF FMID(CINSK00) REQ(LU04950) . ++IF FMID(CRCQK00) REQ(LU04952) . ++IF FMID(CRCSK00) REQ(LU04953) . ++IF FMID(CAHOK00) REQ(LU04949) .

Service	Details
LU04952	LU04952 M.C.S. ENTRIES = ++PTF (LU04952) The following items are included in this solution: 1. RC/MIGRATOR LICENSE PROCESSING 2. RCQ LICENSE PROCESSING 3. RC/SECURE LICENSE CHECK IMPROVEMENTS 4. RI/MANAGER LICENSE PROCESSING 5. ENDEVOR FOR DB2 LICENSE PROCESSING ===== RC/MIGRATOR LICENSE PROCESSING PROBLEM DESCRIPTION: In RC/Migrator for DB2 for z/OS (RCM), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 16025 ===== RCQ LICENSE PROCESSING PROBLEM DESCRIPTION: In RC/Query for DB2 for z/OS (RCQ), we have updated our product license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 15562 ===== RC/SECURE LICENSE CHECK IMPROVEMENTS PROBLEM DESCRIPTION: In RC/Secure for DB2 for z/OS (RCS), license checks are being performed on all entry points of the product. SYMPTOMS: Transparent to the customer experience and product functionality. Unlicensed usage will be permitted, warning messages will be generated in the system log. IMPACT: Access to the product will not be affected. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Secure for DB2 for z/OS Version 20.0 Related Problem:

Service	Details
	RCSDDB2 15635 ===== RI/MANAGER LICENSE PROCESSING PROBLEM DESCRIPTION: In RI/Manager for DB2 for z/OS (PRI), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: PRI 15602 ===== ENDEVOR FOR DB2 LICENSE PROCESSING PROBLEM DESCRIPTION: In Endevor for DB2 for z/OS (EDB2), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Endevor Software Change Manager for DB2 for z/OS Version 20.0 Related Problem: EDB2 16019 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01895-D200 DESC(RC/MIGRATOR LICENSE PROCESSING). ++VER (Z038) FMID (CRCQK00) PRE (LU00413 LU01410 LU03662 LU04430 R096593 R099569 S000025 S001414 S006875 S009865 S010163 S012229 S014335) SUP (LT02735 LT04952 S007954 ST07954 TR99761 TR99776 TR99791 TR99806 TR99821 TR99873) ++IF FMID(CINSK00) REQ(LU04950) . ++IF FMID(CRCMK00) REQ(LU04951) . ++IF FMID(CRCSK00) REQ(LU04953) . ++IF FMID(CAHOK00) REQ(LU04949) . ++HOLD (LU04952) SYSTEM FMID(CRCQK00) REASON (MSGSKEL) DATE (22068) COMMENT (+-----+ RC/Query for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+

Service	Details
	<pre> 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 (RQAMI ,#@XFCALN,RQDCOM@,RQAISOL@,RQAMICST) . </pre>

Service	Details
LU04953	LU04953 M.C.S. ENTRIES = ++PTF (LU04953) The following items are included in this solution: 1. RC/MIGRATOR LICENSE PROCESSING 2. RCQ LICENSE PROCESSING 3. RC/SECURE LICENSE CHECK IMPROVEMENTS 4. RI/MANAGER LICENSE PROCESSING 5. ENDEVOR FOR DB2 LICENSE PROCESSING ===== RC/MIGRATOR LICENSE PROCESSING PROBLEM DESCRIPTION: In RC/Migrator for DB2 for z/OS (RCM), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 16025 ===== RCQ LICENSE PROCESSING PROBLEM DESCRIPTION: In RC/Query for DB2 for z/OS (RCQ), we have updated our product license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 15562 ===== RC/SECURE LICENSE CHECK IMPROVEMENTS PROBLEM DESCRIPTION: In RC/Secure for DB2 for z/OS (RCS), license checks are being performed on all entry points of the product. SYMPTOMS: Transparent to the customer experience and product functionality. Unlicensed usage will be permitted, warning messages will be generated in the system log. IMPACT: Access to the product will not be affected. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Secure for DB2 for z/OS Version 20.0 Related Problem:

Service	Details
	RCSDDB2 15635 ===== RI/MANAGER LICENSE PROCESSING PROBLEM DESCRIPTION: In RI/Manager for DB2 for z/OS (PRI), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: PRI 15602 ===== ENDEVOR FOR DB2 LICENSE PROCESSING PROBLEM DESCRIPTION: In Endevor for DB2 for z/OS (EDB2), we have updated our license processing. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Endevor Software Change Manager for DB2 for z/OS Version 20.0 Related Problem: EDB2 16019 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01895-D200 DESC(RC/MIGRATOR LICENSE PROCESSING). ++VER (Z038) FMID (CRCSK00) PRE (LU04431 R099570) SUP (LT04953 S009403 S012553 ST09403 ST10032 ST12553) ++IF FMID(CINSK00) REQ(LU04950) . ++IF FMID(CRCMK00) REQ(LU04951) . ++IF FMID(CRCQK00) REQ(LU04952) . ++IF FMID(CAHOK00) REQ(LU04949) . CSECT(RSA\$MAIN,RSA\$CVT) . CSECT(RSA#CONS,RSA#CVT) . CSECT(RSA#EXPD,RSA#CVT) . CSECT(RSA#LOAD,RSA#CVT) . CSECT(RSA#MAIN,RSA#CVT,PRINTRTN) . CSECT(RSA#REPT,RSA#CVT) . CSECT(RSA#RVKE,RSA#CVT,RSA#RVK2) . CSECT(RSA#SQLW,RSA#SQL2) . CSECT(RSA#2ARY,RSA#CVT,SECONDARY,ERRORMSG) . CSECT(RSA#2RPT,RSA\$CVT) .

Service	Details
	CSECT (RSA@CMPR,RSA@CVT) . CSECT (RSAM,RSDCOMC,STORCSCT,SSPBLK) .

Service	Details
LU04960	LU04960 M.C.S. ENTRIES = ++PTF (LU04960) INFRASTRUCTURE CHANGE TO STREAMLINE FUTURE DEVELOPMENT WORK ENHANCEMENT DESCRIPTION: The Recovery Estimator for Db2 for z/OS has been enhanced to have a more maintainable code base to facilitate future development work. PRODUCT(S) AFFECTED: Recovery Estimator for Db2 for z/OS Version 20.0 Related Problem: INS 16305 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01896-D200 DESC(INFRASTRUCTURE CHANGE TO STREAMLINE FUTURE DEVELOPMENT WORK). ++VER (Z038) FMID (CINSK00) PRE (LU00227 LU01178 LU01405 LU02117 LU02197 LU02363 LU02609 LU03520 LU04369 LU04412 S015311 S015864) SUP (LT04960)

Service	Details
LU04961	LU04961 M.C.S. ENTRIES = ++PTF (LU04961) PMM - PRODUCT LICENSE PROCESSING ENHANCEMENT DESCRIPTION: We have updated our product license processing. PRODUCT(S) AFFECTED: Merge/Modify for Db2 for z/OS Version 20.0 Related Problem: PMM 16282 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01897-D200 DESC(PMM - PRODUCT LICENSE PROCESSING). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU04435 R096595 R099574 S000029 S000788 S001418 S001660 S004251 S008280 S010201 S010306 S012155 S012279 S012530) SUP (LT04961) CSECT(MMA\$CMAI,MMA\$COM) . CSECT(MMA@MAIN,MMA@@COM,MMA@@WRK) . CSECT(MMA@MERG,MMA@@WRK,MMA@@BLK) .

Service	Details
LU04962	LU04962 M.C.S. ENTRIES = ++PTF (LU04962) REBUILD UNIQUE INDEX PFR0246E DUPLICATE KEYS FOUND PROBLEM DESCRIPTION: When Fast Recover for Db2 for z/OS (PFR) performs a standalone rebuild of a unique index, the rebuild terminates with RC=8 and the PFR0246E and PFR0109E messages are displayed. The problem is intermittent, when the same job step is re-executed, the index will be rebuilt normally. SYMPTOMS: The following messages are displayed: 1. PFR0246E - DUPLICATE KEYS FOUND FOR INDEX 'creator.ixname' RIDS FOLLOW: ROW WITH RID X'pppppprr' MATCHES ROW WITH RID X'pppppprr' ROW WITH RID X'pppppprr' MATCHES ROW WITH RID X'pppppprr' Where 'pppppp' is a page number and 'rr' is MAPID. The ROWIDs in the messages indicate that the ROWIDs are duplicates of themselves. The same message is repeated for every record in the affected page. 2. PFR0109E - REBUILD OF INDEX 'CSSPUDB.CO2T01X2' COMPLETED WITH ERRORS SORTDD: STxx, IDENT: nnnn, START: hh:mm:ss.tt END:hh:mm:ss.tt Where 'xx' is the number of the sort task, 'nnnn' is the sort id. This message is displayed as a consequence of the PFR0246E message. IMPACT: Fast Recover can fail to rebuild a unique index. CIRCUMVENTION: Resubmit the job step. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS 20.0 Related Problem: PFR 14506 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01898-D200 DESC(REBUILD UNIQUE INDEX PFR0246E DUPLICATE KEYS FOUND). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00728 LU00973 LU02712 LU03759 LU04435 S011083 S012155 S014568) SUP (LT04962)

Service	Details
LU04965	LU04965 M.C.S. ENTRIES = ++PTF (LU04965) The following items are included in this solution: 1. PFR - PRODUCT LICENSE PROCESSING 2. PRR - PRODUCT LICENSE PROCESSING ===== PFR - PRODUCT LICENSE PROCESSING ENHANCEMENT DESCRIPTION: We have updated our product license processing. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 16209 ===== PRR - PRODUCT LICENSE PROCESSING PROBLEM DESCRIPTION: We have updated our product license processing. PRODUCT(S) AFFECTED: Rapid Reorg for DB2 for z/OS Version 20.0 Related Problem: PRR 15495 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01899-D200 DESC(PFR - PRODUCT LICENSE PROCESSING) . ++VER (Z038) FMID (CPRRK00) PRE (LU00303 LU01351 LU03034 LU03212 LU03233 LU03733 LU04425 LU04637 R096588 R097715 R098968 S000023 S001658 S006125 S006582 S006609 S007818 S009026 S009089 S009599 S009905 S011080 S011109 S011200 S011237 S011603 S011998 S012109 S012152 S012277 S012528 S012716 S013152 S013204 S013635 S013708 S014034 S014640 S015237 S015313) SUP (LT02823 LT03040 LT04947 LT04965 S015585 ST05446 ST05477 ST05520 ST05816 ST05840 ST11058 ST15159 ST15282 ST15289 ST15585) ++IF FMID(CUGRK00) REQ(LU04966) .

Service	Details
LU04966	LU04966 M.C.S. ENTRIES = ++PTF (LU04966) The following items are included in this solution: 1. PFR - PRODUCT LICENSE PROCESSING 2. PRR - PRODUCT LICENSE PROCESSING ===== PFR - PRODUCT LICENSE PROCESSING ENHANCEMENT DESCRIPTION: We have updated our product license processing. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 16209 ===== PRR - PRODUCT LICENSE PROCESSING PROBLEM DESCRIPTION: We have updated our product license processing. PRODUCT(S) AFFECTED: Rapid Reorg for DB2 for z/OS Version 20.0 Related Problem: PRR 15495 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01899-D200 DESC(PFR - PRODUCT LICENSE PROCESSING). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00728 LU01717 LU04435 S006132 S008280 S008833 S012155 S012279 S012530 S013768 S014568) SUP (LT04948 LT04966) ++IF FMID(CPRRK00) REQ(LU04965) .

Service	Details		
LU04980	LU04980 M.C.S. ENTRIES = ++PTF (LU04980)		
	PFL7000I INDICATES ONLY PART 0001 SET TO COPY STATUS		
	PROBLEM DESCRIPTION:		
	Fast Load for Db2 for z/OS (PFL) issues the PFL7000I information message with PART 0001 specified when COPY status is applied at the tablespace level.		
	SYMPTOMS:		
	The following message is displayed:		
	PFL7000I - Tablespace DBNAME.TSNAME.0001 COPY STATUS set		
	IMPACT:		
	Message is inaccurate. The COPY status is applied to the entire tablespace.		
	CIRCUMVENTION:		
	None.		
	PRODUCT(S) AFFECTED:		
	Fast Load for Db2 for z/OS		Version 20.0
	Keyword(s):		
	PFL7000I	COPY STATUS	PART
	Related Problem:		
	PFL	16233	
	(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved		
	R01900-D200		
	DESC(PFL7000I INDICATES ONLY PART 0001 SET TO COPY STATUS).		
	++VER (Z038)		
	FMID (CPFLK00)		
	PRE (LU00247 LU02243 LU03191 LU03846 LU04417 LU04616		
	RO97708 S000018 S004275 S004459 S004857 S006117		
	S007170 S007811 S009024 S009977 S011996 S012150		
	S012526 S012984 S013097 S013765 S014772 S015738		
	S016089)		
	SUP (LT04980)		
	++HOLD (LU04980) SYSTEM FMID(CPFLK00)		
	REASON (MSGSKEL) DATE (22066)		
	COMMENT (		
	+-----+		
	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 *

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

Service	Details
LU04981	LU04981 M.C.S. ENTRIES = ++PTF (LU04981) INCORRECT ENCODING OF UNLOADED DATA WITH VIEWS PROBLEM DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) may unload text data in incorrect encodings when a view is being used to unload. SYMPTOMS: Text data is unloaded in an incorrect encoding. For example, Unicode timestamps or padding blank characters are unloaded in EBCDIC. IMPACT: Text data is unloaded in an incorrect encoding. CIRCUMVENTION: Substitute the view's SQL into the PFU's input syntax. PRODUCT(S) AFFECTED: Fast Unload for Db2 for z/OS Version 20.0 Related Problem: PFU 13885 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO1901-D200 DESC(INCORRECT ENCODING OF UNLOADED DATA WITH VIEWS) . ++VER (Z038) FMID (CPFUK00) PRE (LU04418 LU04868 RO96582 SO00019 SO01818 SO06118 SO08860 SO10175 SO12108 SO12197 SO14382 SO14984 SO16195) SUP (AS10023 AS10175 BS12108 LT01727 LT04981 LU01727 SO08352 SO10023 SO10107 SO10442 SO15767 ST08352 ST10023 ST10106 ST10107 ST10442 ST15767) ++IF FMID(CPUTK00) REQ(LU04982) .

Service	Details
LU04982	LU04982 M.C.S. ENTRIES = ++PTF (LU04982) INCORRECT ENCODING OF UNLOADED DATA WITH VIEWS PROBLEM DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) may unload text data in incorrect encodings when a view is being used to unload. SYMPTOMS: Text data is unloaded in an incorrect encoding. For example, Unicode timestamps or padding blank characters are unloaded in EBCDIC. IMPACT: Text data is unloaded in an incorrect encoding. CIRCUMVENTION: Substitute the view's SQL into the PFU's input syntax. PRODUCT(S) AFFECTED: Fast Unload for Db2 for z/OS Version 20.0 Related Problem: PFU 13885 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01901-D200 DESC(INCORRECT ENCODING OF UNLOADED DATA WITH VIEWS). ++VER (Z038) FMID (CPUTK00) PRE (LU04427) SUP (LT04982) ++IF FMID(CPFUK00) REQ(LU04981) .

Service	Details
LU04988	LU04988 M.C.S. ENTRIES = ++PTF (LU04988) The following items are included in this solution: 1. FAILURES AFTER STORAGE ACQUISITION REQUEST NOTIFICATION 2. EXCESSIVE DATA IN PTI.RAOS_CTV* TABLES ===== FAILURES AFTER STORAGE ACQUISITION REQUEST NOTIFICATION PROBLEM DESCRIPTION: SYMPTOMS: IMPACT: CIRCUMVENTION: PRODUCT(S) AFFECTED: Database Analyzer for DB2 for z/OS Version 20.0 Related Problem: PDA 16234 ===== EXCESSIVE DATA IN PTI.RAOS_CTV* TABLES PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) tables PTI.RAOS_CTVAP_2000 and PTI.RAOS_CTV_2000 may grow significantly on busy Db2 subsystems. To address this problem the PDA parmlib keyword COLLECT_CTV valid value range has been updated from 13-32767 months to 1-32767 months. The default value remains unchanged at 13 months. SYMPTOMS: High number of records in PTI.RAOS_CTVAP_2000 or PTI.RAOS_CTV_2000 tables. IMPACT: High number of records in PTI.RAOS_CTVAP_2000 or PTI.RAOS_CTV_2000 tables. CIRCUMVENTION: The unwanted records can be removed by using the following SQL statements: <pre>DELETE FROM PTI.RAOS_CTVAP_2000 WHERE RAOS_CTVAP_TIME < CURRENT TIMESTAMP - 1 MONTH; DELETE FROM PTI.RAOS_CTV_2000 WHERE RAOS_CTV_TIME < CURRENT TIMESTAMP - 1 MONTH;</pre> PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 16293 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01902-D200 DESC (FAILURES AFTER STORAGE ACQUISITION REQUEST NOTIFICATION) . ++VER (Z038) FMID (CINSK00) PRE (LU00145 LU01625 LU03761 LU03813 LU04412 R099553 SO14174) SUP (LT04988) ++IF FMID(CPDAK00) REQ(LU04989) . CSECT (RAAPMRDR,@KEYWDTB,PDA#ZAPS) .

Service	Details
LU04989	LU04989 M.C.S. ENTRIES = ++PTF (LU04989) The following items are included in this solution: 1. FAILURES AFTER STORAGE ACQUISITION REQUEST NOTIFICATION 2. EXCESSIVE DATA IN PTI.RAOS_CTV* TABLES ===== FAILURES AFTER STORAGE ACQUISITION REQUEST NOTIFICATION PROBLEM DESCRIPTION: SYMPTOMS: IMPACT: CIRCUMVENTION: PRODUCT(S) AFFECTED: Database Analyzer for DB2 for z/OS Version 20.0 Related Problem: PDA 16234 ===== EXCESSIVE DATA IN PTI.RAOS_CTV* TABLES PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) tables PTI.RAOS_CTVAP_2000 and PTI.RAOS_CTV_2000 may grow significantly on busy Db2 subsystems. To address this problem the PDA parmlib keyword COLLECT_CTV valid value range has been updated from 13-32767 months to 1-32767 months. The default value remains unchanged at 13 months. SYMPTOMS: High number of records in PTI.RAOS_CTVAP_2000 or PTI.RAOS_CTV_2000 tables. IMPACT: High number of records in PTI.RAOS_CTVAP_2000 or PTI.RAOS_CTV_2000 tables. CIRCUMVENTION: The unwanted records can be removed by using the following SQL statements: <pre>DELETE FROM PTI.RAOS_CTVAP_2000 WHERE RAOS_CTVAP_TIME < CURRENT TIMESTAMP - 1 MONTH; DELETE FROM PTI.RAOS_CTV_2000 WHERE RAOS_CTV_TIME < CURRENT TIMESTAMP - 1 MONTH;</pre> PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 16293 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01902-D200 DESC(FAILURES AFTER STORAGE ACQUISITION REQUEST NOTIFICATION) . ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00256 LU00314 LU00891 LU01626 LU02095 LU02456 LU03814 LU04415 R099555 S000017 S009652 S010042 S014175) SUP (AL00314 LT01067 LT01126 LT01338 LT02785 LT04989 LU01126 LU01338 LU02785 S004010 S013584 ST04010 ST13584) ++IF FMID(CINSK00) REQ(LU04988) . ++HOLD (LU04989) SYSTEM FMID(CPDAK00) REASON (DB2BIND) DATE (22073) COMMENT (+-----+

Service	Details
	<pre> Database Analyzer for DB2 for z/OS Version 20.0 -----+-----+-----+ SEQUENCE After Apply +-----+-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+-----+ USERS AFFECTED All Users +-----+-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). ++HOLD (LU04989) SYSTEM FMID(CPDAK00) REASON (MSGSKEL) DATE (22073) COMMENT (-----+-----+-----+ Database Analyzer for DB2 for z/OS Version 20.0 +-----+-----+-----+ SEQUENCE After Apply +-----+-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+-----+ USERS AFFECTED All Db2 Tools Users +-----+-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems +-----+-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. </pre>

Service	Details
	If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.) . CSECT(RAAABL1,RATSYM,TABLE#) . CSECT(RAARTOS,RATSYM) .

Service	Details												
LU04990	LU04990 M.C.S. ENTRIES = ++PTF (LU04990) PUT0209E - ERROR ON GETLSVER AFTER LU03734 IS APPLIED. PROBLEM DESCRIPTION: The specified Broadcom Utilities for Db2 for z/OS may fail with error message PUT0209E after PTF LU03734 is applied. SYMPTOMS: The utility fails with the following error message: PUT0209E - Error on GETLSVER Return Code: 0122 Reason Code: 0778 IMPACT: The utility fails. CIRCUMVENTION: Apply PTF LU03309. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Check for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 16401 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01903-D200 DESC(PUT0209E - ERROR ON GETLSVER AFTER LU03734 IS APPLIED.). ++VER (Z038) FMID (CPUTK00) PRE (LU00304 LU00727 LU01352 LU03213 LU03234 LU03734 LU04427 R098969 S000024 S006127 S011110 S011604 S011999 S012153 S013153 S013205 S013709 S015238 S015486) SUP (AL03734 LT02824 LT03041 LT04990 ST15160) ++IF FMID(CINSK00) REQ(LU03309) .	Utilities Common	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Check for Db2 for z/OS	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0
Utilities Common	Version 20.0												
Fast Load for Db2 for z/OS	Version 20.0												
Fast Unload for Db2 for z/OS	Version 20.0												
Fast Check for Db2 for z/OS	Version 20.0												
Fast Index for Db2 for z/OS	Version 20.0												
Rapid Reorg for Db2 for z/OS	Version 20.0												

Service	Details
LU05006	LU05006 M.C.S. ENTRIES = ++PTF (LU05006) IDB2UIFI UNLOAD UTILITY UNCONDITIONALLY CONNECTS TO HSTSQLDB PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) history unload utility (IDB2UIFI) connects to the SQL statement history database (HSTSQLDB) when the HSTSQLDB dataset is allocated in the unload job or in the data collector that the unload job connects to. A new parameter HSTSQLDB-CONN=YES/NO specifies whether to perform this connection. The default value is YES. The parameter is available both as a JCL parameter and as a sysparm. SYMPTOMS: The data collector might issue DBG21026I 'HISTORY: UNLOAD REQUEST POSTPONED' messages. The unload job issues a DBG86008I 'SQL text database initialization completed' message. IMPACT: The user might not archive all history data due to delays in the unload job. CIRCUMVENTION: Remove the HSTSQLDB DD statement from the unload job. Remove the HSTSQLDB-DSN system parameter from the data collector parameters. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 16361 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01906-D200 DESC(IDB2UIFI UNLOAD UTILITY UNCONDITIONALLY CONNECTS TO HSTSQLDB). ++VER (Z038) FMID (CIDBK00) PRE (LU00299 LU01041 LU01556 LU01977 LU02093 LU02096 LU02118 LU02516 LU02800 LU03286 LU03348 LU04411 R096575 R099552 S001395 S004454 S006112 S006862 S007806 S008302 S008846 S009519 S009556 S010160 S010906 S011616 S012483 S012769 S013891 S014016 S014164 S014389 S014642 S014923 S015070 S016116 S016200) SUP (LT04027 LT05006 LU04027) CSECT(NALDSKOM) . CSECT(NCFINITC,NCFINITM) .

Service	Details
LU05019	LU05019 M.C.S. ENTRIES = ++PTF (LU05019) DATA FILTERING INCORRECTLY EXCLUDES COMPRESSED DATA PROBLEM DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) DML reports may be missing data when log data is compressed and a data filter is used to limit the scope of the output. SYMPTOMS: Compressed log records are incorrectly excluded from the generated output when they meet the filtering criteria. IMPACT: The generated report, SQL file, or load output file is incomplete. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 16306 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01909-D200 DESC(DATA FILTERING INCORRECTLY EXCLUDES COMPRESSED DATA) . ++VER (Z038) FMID (CPLAK00) PRE (LU00597 LU01538 LU01950 LU02062 LU02381 LU03250 LU04419 LU04842 R099559 S000975 S004245 S004461 S007813 S008008 S008802 S009333 S010677 S011669 S012889) SUP (LT03731 LT05019 LU03731)

Service	Details		
LU05025	LU05025 M.C.S. ENTRIES = ++PTF (LU05025) FIX SQL TRACE START, TERMINATE AND VIEW PARMS COMMANDS PROBLEM DESCRIPTION: The options for starting, terminating and viewing performance parameters for SQL Trace are not functioning. SYMPTOMS: Executing a start, terminate or view performance parameters command will result in an SOC4 abend. The operation will fail to execute and an error message will be displayed on the panel. IMPACT: The SQL Trace functionality is unavailable. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 16385 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01910-D200 DESC(FIX SQL TRACE START, TERMINATE AND VIEW PARMS COMMANDS). ++VER (Z038) FMID (CPDTK00) PRE (LU04356 LU04416) SUP (LT05025) ++HOLD (LU05025) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22069) COMMENT (<table border="1"> <tr> <td>Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> SEQUENCE Before Apply PURPOSE Avoidance of module mismatch related errors in an Xmanager USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. ACCESS 1. Product runtime libraries. REQUIRED ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library.	Detector for DB2 for z/OS	Version 20.0
Detector for DB2 for z/OS	Version 20.0		

Service	Details
	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																											
LU05031	LU05031 M.C.S. ENTRIES = ++PTF (LU05031) LFREE/LREBIND GENERATES INCORRECT CARD FOR THE REST SERVICE PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS(RCQ), the following issues were identified: * LREBIND on a REST service package does not generate a RESTSERVICEDEAFULT bind parameter. * LFREE on a REST service package generates incorrect cards. SYMPTOMS: The RESTSERVICEDEFAULT parameter is missing for the LREBIND command. An LFREE command generates a FREE PACKAGE statement instead of a FREE SERVICE statement. IMPACT: Users cannot use LREBIND to default a REST service version, or use the LFREE command to free a REST sevice package. CIRCUMVENTION: Manually edit and add the RESTSERVICEDEFAULT parameter. Manually correct the FREE statement. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 16188 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01911-D200 DESC(LFREE/LREBIND GENERATES INCORRECT CARD FOR THE REST SERVICE). ++VER (Z038) FMID (CINSK00) PRE (LU04243 LU04412 R099553 S006113 S010788 S012011 S012228) SUP (AS10788 LT05012 LT05031 S010871 S011468 S012132 S013973 ST10871 ST11468 ST12132 ST13973) ++HOLD (LU05031) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (22066) COMMENT (<table><tr><td colspan="2">DB2 Common Components</td><td>Version 20.0</td></tr><tr><td>SEQUENCE</td><td colspan="2">After Apply</td></tr><tr><td>PURPOSE</td><td colspan="2">Bind Plans and Packages</td></tr><tr><td>USERS</td><td colspan="2"></td></tr><tr><td>AFFECTED</td><td colspan="2">All Users</td></tr><tr><td>KNOWLEDGE</td><td colspan="2"></td></tr><tr><td>REQUIRED</td><td colspan="2">Db2 Tools Post Install Customization.</td></tr><tr><td>ACCESS</td><td colspan="2">1. Db2 Tools Post Install</td></tr><tr><td>REQUIRED</td><td colspan="2">2. BIND, SYSADM or SYSCNTL on Db2 subsystem.</td></tr></table> ***** * STEPS TO PERFORM * *****	DB2 Common Components		Version 20.0	SEQUENCE	After Apply		PURPOSE	Bind Plans and Packages		USERS			AFFECTED	All Users		KNOWLEDGE			REQUIRED	Db2 Tools Post Install Customization.		ACCESS	1. Db2 Tools Post Install		REQUIRED	2. BIND, SYSADM or SYSCNTL on Db2 subsystem.	
DB2 Common Components		Version 20.0																										
SEQUENCE	After Apply																											
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
	DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).

Service	Details
LU05032	LU05032 M.C.S. ENTRIES = ++PTF (LU05032) STORAGE LEAK SUBPOOL 129 ON DATA SHARING DATA COLLECTORS PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) data collector may run short on storage due to a storage leak in subpool 129. This problem only occurs in data sharing environments, and is most likely to be observed when one or more members of the DSG are in QUIESCED status. SYMPTOMS: Storage related ABENDs, including S878, SOC1, SOC4. DBG98004I CA SYSVIEW FOR DB2 LOW ON VIRTUAL STORAGE (<2M AVAIL) CCSR010E NMSPRMVC SOC1 at 30BC5350 LMOD NSIGHTPR CSECT NDREFORC +0002D0 CCSR021I OWNER = CA SYSVIEW for DB2 R20.0 CCSR022I MODULE = NDREFORC FMID = CIDBK00 RMID = S015254 CCSR060I BREAKING EVENT ADDRESS: 00000000 000606C8 CCSR061I PSW: 07842000 80000000 00000000 30BC5350 or - DBG43003E ssid 11:09:00 GETMAIN ERROR OBTAINING STORAGE FOR IFI RETURN AREA. IMPACT: The data collector abnormally terminates and must be restarted. CIRCUMVENTION: The storage leak is slow and may take weeks or months to surface as a problem. Periodically recycling the data collectors can work as a circumvention until this fix can be applied. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Related Problem: IDB2 16416 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01912-D200 DESC(STORAGE LEAK SUBPOOL 129 ON DATA SHARING DATA COLLECTORS). ++VER (Z038) FMID (CIDBK00) PRE (LU00246 LU00964 LU01750 LU01829 LU02303 LU03286 LU04411 R096575 R099552 S006112 S006862 S007806 S010739 S011977 S015254 S015931 S016300) SUP (LT05032 S009054 ST09054) CSECT(NRINTRVC,NRINTRVL).

Service	Details
LU05035	LU05035 M.C.S. ENTRIES = ++PTF (LU05035) HDDL/DDL ON IX,PR,UF,TG,VW WITH REMOTE ACM FAILS WITH -423 PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), DDL and HDDL commands fail with sqlcode -423 on index, native stored procedures, functions, triggers and views that are accessed remotely using Alternate Catalog Mapping (ACM). SYMPTOMS: Below error is displayed. OFS0001E - Fetch Error in BLOB proccessing OFS0001E - logErrorMessage: SQLCODE = -423 SQLERRMC = 1 SQLSTATE = 0F001 SQLERRP = DSNXRIHB SQLERRD = -470 0 0 -1 0 0 OFS0001E - ExtractPrimaryKeys IEPAddObject failed IMPACT: DDL/HDDL command execution is not successful. CIRCUMVENTION: LOCATION can be used for remote access instead of Alternate Catalog MAPPING(ACM). PRODUCTS EFFECTED: RC/Query for Db2 for z/OS 20.0 Related Problem: OFS 16256 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01913-D200 DESC(HDDL/DDL ON IX,PR,UF,TG,VW WITH REMOTE ACM FAILS WITH -423). ++VER (Z038) FMID (COFSK00) PRE (LU01053 LU03659 LU04413 R096577 R097705 R099554 S001397 S004456 S006114 S007808 S009762) SUP (LT05035) ++HOLD (LU05035) SYSTEM FMID(COFSK00) REASON (DB2BIND) DATE (22069) COMMENT (+-----

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.).</pre>

Service	Details
LU05036	LU05036 M.C.S. ENTRIES = ++PTF (LU05036) RCQ SAVE COMMAND FAILS WITH -330/-901 SQLERROR PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), the SAVE command execution fails with a -330 or -901 SQLERROR. SYMPTOMS: The SAVE command on a Table-List(T-L) report ends with one of the following errors. DSNT408I SQLCODE = -330, ERROR: A STRING CANNOT BE USED BECAUSE IT CANNOT BE PROCESSED. REASON 12, CHARACTER 00000000, HOST VARIABLE 6 DSNT408I SQLCODE = -901, ERROR: UNSUCCESSFUL EXECUTION CAUSED BY A SYSTEM ERROR THAT DOES NOT PRECLUDE THE SUCCESSFUL EXECUTION OF SUBSEQUENT SQL STATEMENTS IMPACT: User cannot create customized reports. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 16396 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01914-D200 DESC(RCQ SAVE COMMAND FAILS WITH -330/-901 SQLERROR). ++VER (Z038) FMID (CRCQK00) PRE (LU04430) SUP (LT05036) ++HOLD (LU05036) SYSTEM FMID(CRCQK00) REASON (DB2DDL) DATE (22068) COMMENT (<pre> +-----+ RC/Query for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Alter PTRCQ_SAVED_RPTS table definition. +-----+-----+ 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> ***** * STEPS TO PERFORM *

Service	Details
	***** 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																
LU05052	LU05052 M.C.S. ENTRIES = ++PTF (LU05052) UNACCOUNTED FOR TIME CALCULATION CHANGES PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) is changing the way "unaccounted for time"(UNACC_TIME) is calculated at the Plan Summary level. This statistic will be treated like other statistic fields and will be rolled up from values from the statements instead of being calculated from the values that are held at the plan level. Note: Interval data that was recorded prior to this change will not be affected by this change. SYMPTOMS: Calculating UNACC_TIME from plan-level values causes reporting inconsistencies at the Plan Summary level. IMPACT: Inconsistent reporting provides unreliable data. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 16262 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01916-D200 DESC(UNACCOUNTED FOR TIME CALCULATION CHANGES) . ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00549 LU01542 LU01841 LU01982 LU03461 LU03710 LU03917 LU03998 LU04231 LU04263 LU04416 LU04795 R096168 R097707 R097923 R098088 R098429 R099556 S000263 S001400 S003942 S004458 S006334 S007810 S008204 S008244 S008323 S008455 S008789 S009044 S009065 S009811 S010538 S010908 S011694 S011717 S012131 S012429 S012538 S013887 S014860 S015199 S015395 S015499 S015573) SUP (LT04015 LT04935 LT05004 LT05010 LT05052 LU04015 ST11973) ++HOLD (LU05052) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22069) 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> <tr> <td>USERS</td><td>Collections of Db2 statistics via Detector or Subsystem</td></tr> <tr> <td>AFFECTED</td><td>Analyzer.</td></tr> <tr> <td></td><td>Db2 subsystems that have active collections.</td></tr> <tr> <td>KNOWLEDGE</td><td>1. SMP/E</td></tr> <tr> <td>REQUIRED</td><td>2. z/OS System Programming</td></tr> </table>	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
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																

Service	Details
	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.).

Service	Details
LU05058	LU05058 M.C.S. ENTRIES = ++PTF (LU05058) INFRASTRUCTURE FOR FUTURE ENHANCEMENTS PROBLEM DESCRIPTION: Infrastructure for future enhancements. SYMPTOMS: N/A IMPACT: N/A CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14551 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01917-D200 DESC (INFRASTRUCTURE FOR FUTURE ENHANCEMENTS) . ++VER (Z038) FMID (CIDBK00) PRE (LU00134 LU00253 LU00299 LU00545 LU00697 LU01042 LU01175 LU01541 LU01556 LU01829 LU01977 LU02033 LU02118 LU02303 LU02340 LU02634 LU02646 LU02708 LU03091 LU03252 LU03286 LU03348 LU03929 LU04097 LU04282 LU04287 LU04374 LU04411 LU04566 LU04803 R096575 R097703 R098428 R099552 S000015 S000077 S001395 S001664 S004454 S005010 S006112 S006333 S006862 S007806 S008846 S009556 S010160 S010906 S011465 S011616 S011693 S011780 S011977 S012428 S012536 S012769 S013508 S013557 S013891 S014016 S014099 S014642 S014843 S015049 S015070 S015254 S015647 S015931) SUP (AL04803 LT00159 LT00434 LT01513 LT01845 LT04919 LT05058 LU00159 LU00434 LU01513 LU01845 LU04919 S009743 S010248 S014254 S014337 S015761 S016046 ST01385 ST09743 ST10248 ST10533 ST13775 ST14254 ST14337 ST15761 ST16046 TR98366 TR99751 TR99766 TR99781 TR99796 TR99811 TR99863) ++IF FMID(CINSK00) REQ(LU05059) . ++IF FMID(CPDTK00) REQ(LU05060) . ++HOLD (LU05058) SYSTEM FMID(CIDBK00) REASON (RESTART) DATE (22076) COMMENT (+-----+ SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer.

Service	Details
	<pre> Db2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).</pre>

Service	Details		
LU05059	LU05059 M.C.S. ENTRIES = ++PTF (LU05059) INFRASTRUCTURE FOR FUTURE ENHANCEMENTS PROBLEM DESCRIPTION: Infrastructure for future enhancements. SYMPTOMS: N/A IMPACT: N/A CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14551 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01917-D200 DESC (INFRASTRUCTURE FOR FUTURE ENHANCEMENTS) . ++VER (Z038) FMID (CINSK00) PRE (LU00123 LU00131 LU00237 LU00254 LU01978 LU02229 LU04230 LU04412 R096576 R097704 R099553 S000016 S004455 S006113 S006863 S007807 S009785 S010004 S012715 S014566) SUP (LT05059) ++IF FMID(CPDTK00) REQ(LU05060) . ++IF FMID(CIDBK00) REQ(LU05058) . ++HOLD (LU05059) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22076) COMMENT (<table border="1"> <tr> <td>DB2 Common Components</td><td>Version 20.0</td></tr> </table> SEQUENCE Before Apply PURPOSE Avoidance of module mismatch related errors in an Xmanager USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. ACCESS 1. Product runtime libraries. REQUIRED ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections.	DB2 Common Components	Version 20.0
DB2 Common Components	Version 20.0		

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

Service	Details
LU05060	LU05060 M.C.S. ENTRIES = ++PTF (LU05060) INFRASTRUCTURE FOR FUTURE ENHANCEMENTS PROBLEM DESCRIPTION: Infrastructure for future enhancements. SYMPTOMS: N/A IMPACT: N/A CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14551 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01917-D200 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENTS) . ++VER (Z038) FMID (CPDTK00) PRE (LU04231 LU04416) SUP (LT05060) ++IF FMID(CINSK00) REQ(LU05059) . ++IF FMID(CIDBK00) REQ(LU05058) .

Service	Details
LU05080	LU05080 M.C.S. ENTRIES = ++PTF (LU05080) ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES PROBLEM DESCRIPTION: This enhancement consists of infrastructure and architectural updates to support future Db2 upgrades. PRODUCT(S) AFFECTED: Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 15750 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01920-D200 DESC (ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES) . ++VER (Z038) FMID (CINSK00) PRE (LU01178 LU01575 LU02472 LU04412 R099553 S000016 S000785) SUP (LT05079 LT05080) CSECT (PTADBCD,CMDTABLE,SAVDCMDS,ERRTABLE) .

Service	Details
LU05085	LU05085 M.C.S. ENTRIES = ++PTF (LU05085) PDA FAILS WITH ABEND 282-018 AFTER LU04221 IS APPLIED. PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) fails with system code 282-18 on environments with the RACF security system after LU04221 is applied. SYMPTOMS: PDA Extract Procedure batch job fails with the following message in JESMSGGLG: ICH409I 282-018 ABEND DURING RACHECK PROCESSING IEF472I USERID STEP1 - COMPLETION CODE - SYSTEM=282 USER=0000 REASON =00000018 The PDA ISPF interface may also fail with the following message when Exploding or Updating an Action procedure: System abend code 282, reason code 00000024. IMPACT: On systems with RACF access control, the Extract Procedure job fails. It is not possible to update Action Procedures. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 16431 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01921-D200 DESC(PDA FAILS WITH ABEND 282-018 AFTER LU04221 IS APPLIED.). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU02456 LU04221 LU04415) SUP (AL04221 LT05085) CSECT(RAAMODG,RATSYM) .

Service	Details
LU05089	LU05089 M.C.S. ENTRIES = ++PTF (LU05089) RC/MIGRATOR ANALYSIS WITH ACM ON SYSPACKAGE RESULTS IN SOC4 PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), during analysis processing where an Alternate Catalog Mapping (ACM) is used used on the catalog table SYSPACKAGE. A SOC4 ABEND may occur. SYMPTOMS: The following information is displayed about the ABEND: <pre> RMA365E ***** RMA365E * RMA365E * RC/MIGRATOR ANALYSIS ABEND HAS OCCURED * RMA365E * RMA@ESTA GENERAL PURPOSE ESTAE EXIT ENTERED * RMA365E * RMA365E * ABEND CODE WAS:SOC4. REASON CODE WAS: 00000011 * RMA365E * RMA365E * ABEND OCCURED IN RC/MIGRATOR MODULE: RML@UTIL * RMA365E * UNABLE TO DETERMINE ABENDING CSECT * RMA365E * MODULE LOAD ADDRESS: 3B895000 * RMA365E * MODULE ENTRY ADDRESS: 3B895000 * RMA365E * MODULE LENGTH: 000B0000 * RMA365E * RMA@ESTA GENERAL PURPOSE ESTAE EXIT EXITING * RMA365E * RMA365E ***** </pre> IMPACT: An ACM cannot be used on the SYSPACKAGE table to filter the packages to be bound. CIRCUMVENTION: Expand the ACM to include SYSPACKDEP where only the rows containing packages found in the ACM SYSPACKAGE table are included. For example, for the ACM SYSPACKAGE table named PTI.LIMITED_SYSPACKAGE, a view created with the following SELECT can be used on SYSPACKDEP: <pre> SELECT A.* FROM SYSIBM.SYSPACKDEP A, PTI.LIMITED_SYSPACKAGE B WHERE A.DLOCATION = B.LOCATION AND A.DCOLLID = B.COLLID AND A.DNAME = B.NAME AND A.DCONTOKEN = B.CONTOKEN </pre> PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 16409 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01922-D200 DESC(RC/MIGRATOR ANALYSIS WITH ACM ON SYSPACKAGE RESULTS IN SOC4). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU02420 LU03657 LU04412 R096576 S001396 S004718 S006113 S007379 S007807 S009105 S011691 S011966 S012361 S012933 S015804) SUP (LT05089 ST05065) ++IF FMID(CRCMK00) REQ(LU05090) . ++HOLD (LU05089) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (22089) COMMENT (+-----+

Service	Details		
		DB2 Common Components	Version 20.0
	+-----+-----+-----+		
	SEQUENCE	After Apply	
	+-----+-----+-----+		
	PURPOSE	Bind Plans and Packages	
	+-----+-----+-----+		
	USERS		
	AFFECTED	All Users	
	+-----+-----+-----+		
	KNOWLEDGE		
	REQUIRED	Db2 Tools Post Install Customization.	
	+-----+-----+-----+		
	ACCESS	1. Db2 Tools Post Install	
	REQUIRED	2. BIND, SYSADM or SYSCNTL on Db2 subsystem.	
	+-----+-----+-----+		

	* STEPS TO PERFORM *		

	DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound.		
	Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step.		
	1. Use Post-Install Tailoring option to Bind Product Packages and Plans.		
	IMPORTANT!		
	If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.		
	).		

Service	Details
LU05090	LU05090 M.C.S. ENTRIES = ++PTF (LU05090) RC/MIGRATOR ANALYSIS WITH ACM ON SYSPACKAGE RESULTS IN SOC4 PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), during analysis processing where an Alternate Catalog Mapping (ACM) is used used on the catalog table SYSPACKAGE. A SOC4 ABEND may occur. SYMPTOMS: The following information is displayed about the ABEND: <pre> RMA365E ***** RMA365E * RMA365E * RC/MIGRATOR ANALYSIS ABEND HAS OCCURED * RMA365E * RMA@ESTA GENERAL PURPOSE ESTAE EXIT ENTERED * RMA365E * RMA365E * ABEND CODE WAS:SOC4. REASON CODE WAS: 00000011 * RMA365E * RMA365E * ABEND OCCURED IN RC/MIGRATOR MODULE: RML@UTIL * RMA365E * UNABLE TO DETERMINE ABENDING CSECT * RMA365E * MODULE LOAD ADDRESS: 3B895000 * RMA365E * MODULE ENTRY ADDRESS: 3B895000 * RMA365E * MODULE LENGTH: 000B0000 * RMA365E * RMA@ESTA GENERAL PURPOSE ESTAE EXIT EXITING * RMA365E * RMA365E ***** </pre> IMPACT: An ACM cannot be used on the SYSPACKAGE table to filter the packages to be bound. CIRCUMVENTION: Expand the ACM to include SYSPACKDEP where only the rows containing packages found in the ACM SYSPACKAGE table are included. For example, for the ACM SYSPACKAGE table named PTI.LIMITED_SYSPACKAGE, a view created with the following SELECT can be used on SYSPACKDEP: <pre> SELECT A.* FROM SYSIBM.SYSPACKDEP A, PTI.LIMITED_SYSPACKAGE B WHERE A.DLOCATION = B.LOCATION AND A.DCOLLID = B.COLLID AND A.DNAME = B.NAME AND A.DCONTOKEN = B.CONTOKEN </pre> PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 16409 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01922-D200 DESC(RC/MIGRATOR ANALYSIS WITH ACM ON SYSPACKAGE RESULTS IN SOC4). ++VER (Z038) FMID (CRCMK00) PRE (LU04429) SUP (LT05090) ++IF FMID(CINSK00) REQ(LU05089) .

Service	Details
LU05091	LU05091 M.C.S. ENTRIES = ++PTF (LU05091) RC/SECURE EXECUTION AND ANALYSIS FAILURE PROBLEM DESCRIPTION: In RC/Secure for Db2 for z/OS (RCS), domain analysis and execution cannot be performed. SYMPTOMS: The following error message is displayed: RS390 SSID NOT FOUND IN SECURE PARMLIB MEMBER IMPACT: RCS domain changes cannot be analyzed or executed. CIRCUMVENTION: Make domain authorization changes manually. PRODUCT(S) AFFECTED: RC/Secure for Db2 for z/OS Version 20.0 Related Problem: RCSDB2 16477 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01923-D200 DESC(RC/SECURE EXECUTION AND ANALYSIS FAILURE). ++VER (Z038) FMID (CRCSK00) PRE (LU04431 LU04953 R099570) SUP (AL04953 LT05091) CSECT(RSA#MAIN,RSA#CVT,PRINTRTN) .

Service	Details
LU05098	LU05098 M.C.S. ENTRIES = ++PTF (LU05098) 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 16473 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01924-D200 DESC (SECURITY OR INTEGRITY PROBLEM) . ++VER (Z038) FMID (CIDBK00) PRE (LU04411 R099552 S001395 S005010 S006112) SUP (AR99552 LT05098) CSECT(NSISQL##) .

Service	Details
LU05102	LU05102 M.C.S. ENTRIES = ++PTF (LU05102) STORAGE ACQUISITION REQUEST FAILED IN QUERY FACILITY PROBLEM DESCRIPTION: The Database Analyzer for Db2 for z/OS (PDA) Query Facility may experience a storage acquisition failure when generating a Volume Analysis report. SYMPTOMS: The following message is displayed during the generation of the Volume Analysis report: "RAG005E - STORAGE ACQUISITION REQUEST FAILED - APPLICATION CANCELLED" IMPACT: The Volume Analysis report is not generated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 16499 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01925-D200 DESC(STORAGE ACQUISITION REQUEST FAILED IN QUERY FACILITY). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00256 LU04415 LU04989) SUP (LT05102)

Service	Details
LU05103	LU05103 M.C.S. ENTRIES = ++PTF (LU05103) REMOVE AMODE 24 EXECUTION IN IUIPDS PDS MEMBER MANAGEMENT PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) User Interface routine IUIPDS (PDS Member management) has been changed to no longer switch to AMODE 24 during processing. SYMPTOMS: None. IMPACT: None. Code modernization. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 15868 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01926-D200 DESC(REMOVE AMODE 24 EXECUTION IN IUIPDS PDS MEMBER MANAGEMENT). ++VER (Z038) FMID (CIDBK00) PRE (LU04411 R097703 S001395 S006112) SUP (LT05103)

Service	Details
LU05109	LU05109 M.C.S. ENTRIES = ++PTF (LU05109) SOC1 ABEND IN GROUP ICL PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), the group ICL analysis may end with a SOC1 abend with a reason code 00000001, if the ICL includes ICL CREATE. 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 ***** IEA995I SYMPTOM DUMP OUTPUT 635 SYSTEM COMPLETION CODE=0C1 REASON CODE=00000001 TIME=10.10.57 SEQ=56141 CPU=0000 ASID=0515 PSW AT TIME OF ERROR 078D0000 BBCFE13E ILC 2 INTC 01 NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 3BCFE138 - 00000000 00000000 00000000 IMPACT: Group ICL analysis may not generate any DDL when the ICL includes ICL CREATE. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16494 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01927-D200 DESC(SOC1 ABEND IN GROUP ICL). ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 LU03657 LU04412 LU04463 S004455 S004718 S006863 S007379 S007807 S009105 S011966 S012361 S012933 S014125 S014832 S015804) SUP (LT01508 LT05109 LU01508 S010021 S016176 ST10021 ST16176)

Service	Details
LU05110	LU05110 M.C.S. ENTRIES = ++PTF (LU05110) SQL PARSER SYNTAX ENHANCEMENTS FOR A FUTURE DB2 VERSION ENHANCEMENT DESCRIPTION: In CA Common SQL Services for DB2 for z/OS(SQ2), the common SQL services SQL Parser has been enhanced to support new syntax elements in a future Db2 version. PRODUCT(S) AFFECTED: Common SQL Services for Db2 for z/OS Version 1.0 Related Problem: SQ2 16246 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00037-SQ2010 DESC(SQL PARSER SYNTAX ENHANCEMENTS FOR A FUTURE DB2 VERSION). ++VER (Z038) FMID (CSQ2100) PRE (LU00565 LU00659 LU04462 R096102 R096495 R097090 R098041 R099899 S000849 S004155 S005308 S008576 S013982) SUP (LT01432 LT03760 LT04561 LT04812 LT05110 LU01432 LU03760 LU04561 S006494 S008799 S012501 S015184 ST06494 ST08799 ST12501 ST15184)

Service	Details
LU05111	LU05111 M.C.S. ENTRIES = ++PTF (LU05111) CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION ENHANCEMENT DESCRIPTION: This enhancement consists of code to support new syntax elements in a future Db2 version. PRODUCT(S) AFFECTED: Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 16257 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01928-D200 DESC(CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION). ++VER (Z038) FMID (CINSK00) PRE (LU00438 LU00446 LU00643 LU01118 LU01121 LU01550 LU01978 LU03142 LU03314 LU03337 LU03657 LU03923 LU04412 R096576 R097704 R099553 S000016 S001396 S003959 S004129 S004455 S004718 S006113 S006863 S007379 S007807 S008578 S008662 S009105 S009797 S010174 S011691 S011807 S011966 S012067 S012361 S012650 S012924 S012933 S012942 S013676 S013985 S014125 S014832 S014859 S015804) SUP (LT00510 LT01491 LT05111 LU00510 S008750 S010080 ST08750 ST10080) ++IF FMID(CSQ2100) REQ(LU05110) . ++IF FMID(CPDAK00) REQ(LU05112) . ++IF FMID(CPDTK00) REQ(LU05113) . ++IF FMID(CPFUK00) REQ(LU05114) . ++IF FMID(CPLAK00) REQ(LU05115) . ++IF FMID(CPPAK00) REQ(LU05116) . ++IF FMID(CPUTK00) REQ(LU05117) . ++IF FMID(CRCUK00) REQ(LU05118) .

Service	Details
LU05112	LU05112 M.C.S. ENTRIES = ++PTF (LU05112) CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION ENHANCEMENT DESCRIPTION: This enhancement consists of code to support new syntax elements in a future Db2 version. PRODUCT(S) AFFECTED: Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 16257 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01928-D200 DESC (CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION). ++VER (Z038) FMID (CPDAK00) PRE (LU04415 S004457 S012651 S013986) SUP (LT05112) ++IF FMID(CSQ2100) REQ(LU05110) . ++IF FMID(CPDTK00) REQ(LU05113) . ++IF FMID(CPFUK00) REQ(LU05114) . ++IF FMID(CPLAK00) REQ(LU05115) . ++IF FMID(CPPAK00) REQ(LU05116) . ++IF FMID(CPUTK00) REQ(LU05117) . ++IF FMID(CRCUK00) REQ(LU05118) . ++IF FMID(CINSK00) REQ(LU05111) .

Service	Details
LU05113	LU05113 M.C.S. ENTRIES = ++PTF (LU05113) CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION ENHANCEMENT DESCRIPTION: This enhancement consists of code to support new syntax elements in a future Db2 version. PRODUCT(S) AFFECTED: Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 16257 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01928-D200 DESC(CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION). ++VER (Z038) FMID (CPDTK00) PRE (LU01982 LU02271 LU03998 LU04416 LU04586 R096168 R099556 S001400 S004458 S006116 S012652 S013987 S014299 S014860 S016174) SUP (LT02286 LT05113 LU02286 S006237 ST06237) ++IF FMID(CSQ2100) REQ(LU05110) . ++IF FMID(CPDAK00) REQ(LU05112) . ++IF FMID(CPFUK00) REQ(LU05114) . ++IF FMID(CPLAK00) REQ(LU05115) . ++IF FMID(CPPAK00) REQ(LU05116) . ++IF FMID(CPUTK00) REQ(LU05117) . ++IF FMID(CRCUK00) REQ(LU05118) . ++IF FMID(CINSK00) REQ(LU05111) .

Service	Details
LU05114	LU05114 M.C.S. ENTRIES = ++PTF (LU05114) CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION ENHANCEMENT DESCRIPTION: This enhancement consists of code to support new syntax elements in a future Db2 version. PRODUCT(S) AFFECTED: Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 16257 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01928-D200 DESC (CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION). ++VER (Z038) FMID (CPFUK00) PRE (LU02727 LU04418 R099558 S012653 S016195) SUP (LT05114) ++IF FMID(CSQ2100) REQ(LU05110) . ++IF FMID(CPDAK00) REQ(LU05112) . ++IF FMID(CPDTK00) REQ(LU05113) . ++IF FMID(CPLAK00) REQ(LU05115) . ++IF FMID(CPPAK00) REQ(LU05116) . ++IF FMID(CPUTK00) REQ(LU05117) . ++IF FMID(CRCUK00) REQ(LU05118) . ++IF FMID(CINSK00) REQ(LU05111) .

Service	Details
LU05115	LU05115 M.C.S. ENTRIES = ++PTF (LU05115) CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION ENHANCEMENT DESCRIPTION: This enhancement consists of code to support new syntax elements in a future Db2 version. PRODUCT(S) AFFECTED: Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 16257 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01928-D200 DESC(CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION). ++VER (Z038) FMID (CPLAK00) PRE (LU02230 LU04419 R099559 S000020 S000975 S001403 S004245 S008802 S011669 S012654 S012889) SUP (LT05115) ++IF FMID(CSQ2100) REQ(LU05110) . ++IF FMID(CPDAK00) REQ(LU05112) . ++IF FMID(CPDTK00) REQ(LU05113) . ++IF FMID(CPFUK00) REQ(LU05114) . ++IF FMID(CPPAK00) REQ(LU05116) . ++IF FMID(CPUTK00) REQ(LU05117) . ++IF FMID(CRCUK00) REQ(LU05118) . ++IF FMID(CINSK00) REQ(LU05111) . CSECT(LAA#CVER,#@XFCALN,#CVERMTB,#CONST1,#CONST2) . CSECT(LAA@STRE,TRANS1) .

Service	Details
LU05116	LU05116 M.C.S. ENTRIES = ++PTF (LU05116) CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION ENHANCEMENT DESCRIPTION: This enhancement consists of code to support new syntax elements in a future Db2 version. PRODUCT(S) AFFECTED: Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 16257 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01928-D200 DESC (CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION) . ++VER (Z038) FMID (CPPAK00) PRE (LU00440 LU00646 LU01068 LU01551 LU01892 LU02493 LU03338 LU03822 LU04420 LU04486 R096584 S001404 S004462 S006120 S006869 S008581 S010000 S011131 S012068 S012267 S012655 S015691) SUP (LT01492 LT05116 S014902 ST14902) ++IF FMID(CSQ2100) REQ(LU05110) . ++IF FMID(CPDAK00) REQ(LU05112) . ++IF FMID(CPDTK00) REQ(LU05113) . ++IF FMID(CPFUK00) REQ(LU05114) . ++IF FMID(CPLAK00) REQ(LU05115) . ++IF FMID(CPUTK00) REQ(LU05117) . ++IF FMID(CRCUK00) REQ(LU05118) . ++IF FMID(CINSK00) REQ(LU05111) . CSECT (PPA\$ESDM,\$ESDM) . CSECT (PPA\$ESEX,PPA\$ESE2,PPA\$ESE3,PPA\$ESE5,PPA\$ESE6) . CSECT (PPA\$ESM,PPA\$ESM\$) . CSECT (PPA\$PRM,PPA\$PRM1) . CSECT (PPA\$PRMB,EXTERN2,PPACARDS,SCMCEN,PPA\$PRM1) . CSECT (PPA\$PROC,\$PROC) . CSECT (PPA\$PROS,\$PROS) . CSECT (PPA\$SRQS,PPA\$ADD) . CSECT (PPA#OPBL,PREDTAB) . CSECT (PPA#SCM,PPA\$ADD) . CSECT (PPA@DATA,@DATX,PPA@DAT9) . CSECT (PPA@PRMP,CRDPLIST,PPA@@001,PPA@TBL,EXTURN,PPA@PRM9) .

Service	Details
LU05117	LU05117 M.C.S. ENTRIES = ++PTF (LU05117) CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION ENHANCEMENT DESCRIPTION: This enhancement consists of code to support new syntax elements in a future Db2 version. PRODUCT(S) AFFECTED: Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 16257 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01928-D200 DESC (CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION). ++VER (Z038) FMID (CPUTK00) PRE (LU04427 R098969 S000024 S001411 S005016 S011999 S012153 S012656) SUP (LT05117) ++IF FMID(CSQ2100) REQ(LU05110) . ++IF FMID(CPDAK00) REQ(LU05112) . ++IF FMID(CPDTK00) REQ(LU05113) . ++IF FMID(CPFUK00) REQ(LU05114) . ++IF FMID(CPLAK00) REQ(LU05115) . ++IF FMID(CPPAK00) REQ(LU05116) . ++IF FMID(CRCUK00) REQ(LU05118) . ++IF FMID(CINSK00) REQ(LU05111) .

Service	Details
LU05118	LU05118 M.C.S. ENTRIES = ++PTF (LU05118) CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION ENHANCEMENT DESCRIPTION: This enhancement consists of code to support new syntax elements in a future Db2 version. PRODUCT(S) AFFECTED: Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 16257 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01928-D200 DESC (CODE TO SUPPORT ENHANCEMENTS FOR A FUTURE DB2 VERSION). ++VER (Z038) FMID (CRCUK00) PRE (LU04432 S001415 S012657) SUP (LT05118) ++IF FMID(CSQ2100) REQ(LU05110) . ++IF FMID(CPDAK00) REQ(LU05112) . ++IF FMID(CPDTK00) REQ(LU05113) . ++IF FMID(CPFUK00) REQ(LU05114) . ++IF FMID(CPLAK00) REQ(LU05115) . ++IF FMID(CPPAK00) REQ(LU05116) . ++IF FMID(CPUTK00) REQ(LU05117) . ++IF FMID(CINSK00) REQ(LU05111) .

Service	Details
LU05127	LU05127 M.C.S. ENTRIES = ++PTF (LU05127) The following items are included in this solution: 1. ABEND OC4/OD7 IN DT\$DII 2. EXCESSIVE LOGRECS DUE TO DB2 CONTROL BLOCK VALIDATION ===== ABEND OC4/OD7 IN DT\$DII PROBLEM DESCRIPTION: Detector for Db2 for z/OS may take OD7 or OCx abends following the cancellation or premature termination of SQL calls using CPU parallelism. SYMPTOMS: Detector terminates and produces and SVC dump with the following: DUMP TITLE=CA-DETECTOR 20.0 DIAG/DUMP ABEND=SOD7 MODULE=DT\$DII IMPACT: Detector collections terminate. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 16299 ===== EXCESSIVE LOGRECS DUE TO DB2 CONTROL BLOCK VALIDATION PROBLEM DESCRIPTION: Detector for Db2 for z/OS produces LOGRECs when validating Db2 control blocks that are found to be inaccessible. SYMPTOMS: Large number of LOGRECs similar to: jobname 42 SFTPI ABEND SOC4 PSW 070D0001 BB83 (jobname is the name of the Xmanager job) for the Xmanager job are produced. IMPACT: No additional impact other than the large number of LOGRECs. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 16364 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01929-D200 DESC(ABEND OC4/OD7 IN DT\$DII). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00240 LU00329 LU00402 LU00524 LU00549 LU00684 LU00768 LU00938 LU01002 LU01215 LU01393 LU01467 LU01542 LU01933 LU02220 LU02290 LU02554 LU02706 LU02796 LU02944 LU03093 LU03461 LU03710 LU03809 LU03917 LU04231 LU04356 LU04416 LU04795 R096168 R096580 R097707 R098429 R099556 R099946 S000263 S000423 S001400 S003942 S004458 S004757 S006116 S006334 S006838 S006865 S007810 S007988

Service	Details
	S008129 S008323 S008446 S008789 S009065 S009828 S010018 S010492 S010521 S010538 S010652 S010908 S011694 S011983 S012538 S012921 S013450 S013655 S013889 S014338 S014397 S014680 S014782 S015843 S015927 S016113 S016174) SUP (AL03917 LT00307 LT01214 LT01903 LT01956 LT02217 LT03386 LT03406 LT04339 LT05051 LT05127 LU03386 LU03406 LU04339) ++HOLD (LU05127) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22074) COMMENT (<pre> +-----+ Detector for Db2 for z/OS Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).</pre>

Service	Details
LU05140	LU05140 M.C.S. ENTRIES = ++PTF (LU05140) PRA - RI RESOLVING DOES NOT SUPPORT LONG TABLE NAMES PROBLEM DESCRIPTION: Recovery Analyzer for Db2 for z/OS does not support table names longer than 18 characters while resolving RI and RIA line commands on strategy or quick recovery. SYMPTOMS: Unrelated tables can be listed after entering the RI and RIA line commands. IMPACT: RI and RIA display is misleading. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Recovery Analyzer for DB2 for z/OS Version 20.0 Related Problem: PRA 16439 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01930-D200 DESC(PRA - RI RESOLVING DOES NOT SUPPORT LONG TABLE NAMES) . ++VER (Z038) FMID (CPRAK00) PRE (LU03706 LU04421 R099561 S008922 S009714) SUP (LT05140)

Service	Details
LU05142	LU05142 M.C.S. ENTRIES = ++PTF (LU05142) RMA630W ISSUED WHEN TABLESPACE ALREADY REORGANIZED PROBLEM DESCRIPTION: RC/Migrator for Db2 for z/OS (RCM) and RC/Compare for Db2 for z/OS (RCC) incorrectly issue warning message RMA630W during analysis. This message indicates that an Index Rebuild is required even when a REORG for the underlying TableSpace has been requested and generated. SYMPTOMS: When Analysis option 'REORG TS,IX,B,N' is set to 'TS' or 'B' and Analysis option 'REBUILD INDEX' is set to 'N', the following warning message is generated: RMA630W THE RECOVER INDEX UTILITY HAS NOT BEEN REQUESTED. THE INDEX CREAT1A.INDEX1A WILL BE PLACED IN A REBUILD PENDING STATUS. PLEASE RE-ANALYZE WITH RECOVER INDEX OPTION OR RUN REBUILD INDEX UTILITY AFTER EXECUTING THE ANALYSIS. IMPACT: None. The warning message and return code can be ignored. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 RC/Compare for Db2 for z/OS Version 20.0 Related Problem: RCM 16026 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01931-D200 DESC(RMA630W ISSUED WHEN TABLESPACE ALREADY REORGANIZED). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04149 LU04412 R096576 R097704 S001396 S004455 S004718 S007379 S008957 S009105 S011691 S011866 S011966 S012361 S012933 S014832 S015804) SUP (LT01999 LT05142 LU01999 S009839 S013974 ST09791 ST09839 ST13974)

Service	Details																								
LU05152	LU05152 M.C.S. ENTRIES = ++PTF (LU05152) DETECTOR CREATES SVCDUMP NEAR START OF COLLECTION PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) will issue an SVCDUMP shortly after collection start-up. SYMPTOMS: The following message is issued: EB Cleanup FAILURE*CONTACT COMPUTER ASSOCIATES TECHNICAL SUPPORT*. IMPACT: Minimal impact. Collection continues without terminating. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 16502 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01932-D200 DESC(DETECTOR CREATES SVCDUMP NEAR START OF COLLECTION). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00240 LU00329 LU00402 LU00524 LU00549 LU00684 LU00768 LU00938 LU01002 LU01215 LU01393 LU01467 LU01542 LU01933 LU02220 LU02290 LU02554 LU02706 LU02796 LU02944 LU03093 LU03461 LU03710 LU03809 LU03917 LU04231 LU04356 LU04416 LU04795 R096168 R096580 R097707 R098429 R099556 R099946 S000263 S000423 S001400 S003942 S004458 S004757 S006116 S006334 S006838 S006865 S007810 S007988 S008129 S008323 S008446 S008789 S009065 S009828 S010018 S010492 S010521 S010538 S010652 S010908 S011694 S011983 S012538 S012921 S013450 S013655 S013889 S014338 S014397 S014680 S014782 S015843 S015927 S016113 S016174) SUP (AL03917 LT00307 LT01214 LT01903 LT01956 LT02217 LT03386 LT03406 LT04339 LT05051 LT05127 LT05152 LU03386 LU03406 LU04339 LU05127) ++HOLD (LU05152) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22080) COMMENT (<table> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>Detector for Db2 for z/OS Version 20.0 </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>SEQUENCE Before Apply </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>PURPOSE Avoidance of module mismatch related errors in an Xmanager </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>USERS Collections of Db2 statistics via Detector or Subsystem </td></tr> <tr> <td> </td><td>AFFECTED Analyzer. </td></tr> <tr> <td> </td><td> Db2 subsystems that have active collections. </td></tr> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>KNOWLEDGE 1. SMP/E </td></tr> </table>	+	-----+		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
+	-----+																								
	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																								

Service	Details
	<pre> REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).</pre>

Service	Details
LU05156	LU05156 M.C.S. ENTRIES = ++PTF (LU05156) CREATE TABLE NOT GENERATED ON A COMPARE WHERE TARGET REMOTE PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), when analyzing a compare strategy where the target is REMOTE, the analysis does not generate CREATE TABLE DDL if an ALIAS is created on the previously created table. SYMPTOMS: CREATE TABLE DDL will be missing and the following message will be issued. <pre>----- -- RCO0013E: Internal Error service(ZOMPDCNV) RC=12 ;32 ,532 -----</pre> IMPACT: The table objects will not be created on the target. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16537 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01934-D200 DESC(CREATE TABLE NOT GENERATED ON A COMPARE WHERE TARGET REMOTE). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04149 LU04412 R096576 R097704 R099553 S000016 S001396 S004455 S004718 S007379 S009105 S011691 S011866 S011966 S012361 S012933 S014832 S015804) SUP (LT05156) CSECT(RMA@WICL,#@XFCALN) .

Service	Details
LU05169	LU05169 M.C.S. ENTRIES = ++PTF (LU05169) PRF - PRODUCT LICENSE PROCESSING ENHANCEMENT DESCRIPTION: We have updated our product license processing. PRODUCT(S) AFFECTED: Report Facility for Db2 for z/OS Version 20.0 Related Problem: BIPRF 16495 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01937-D200 DESC (PRF - PRODUCT LICENSE PROCESSING) . ++VER (Z038) FMID (CPRFK00) PRE (LU00581 LU01102 LU01321 LU04422 R097712 R099195 R099562 S001406 S004464 S006443 S007815 S008083) SUP (LT05169) ++IF FMID(CPRFK01) REQ(LU05170) . ++IF FMID(CPRFK02) REQ(LU05171) . CSECT (PRFMAIN) . CSECT (QRFBTCS) . CSECT (QRFYGSB) . CSECT (XXXXCMX) . CSECT (XXXXPXS) .

Service	Details
LU05175	LU05175 M.C.S. ENTRIES = ++PTF (LU05175) ALTER, DROP, CREATE, AND TEMPLATE CMD SUPPORT FOR ROUTINES ENHANCEMENT DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), full ALTER, DROP, CREATE, and TEMPLATE command support has been added to Routine reports. A new DROPALL command allows you to auto-select a versioned routine to drop all versions. Also, the Routine-List (R-L) Report column order now displays the most meaningful attributes at the beginning of the list. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 16024 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01938-D200 DESC (ALTER, DROP, CREATE, AND TEMPLATE CMD SUPPORT FOR ROUTINES). ++VER (Z038) FMID (CINSK00) PRE (LU01705 LU02029 LU03314 LU04412 LU04656 R097704 R099553 S001396 S004455 S006113 S010162 S010173 S010469 S011196 S012794 S015980) SUP (LT05002 LT05175) ++IF FMID(CRCQK00) REQ(LU05176) . ++IF FMID(CRCUK00) REQ(LU05177) . CSECT (CHRTABC,LOWBLANK,BLANKTAB,GENTABC,PTITABC,ACCTABC,PTIHELP, PTALINB,PTALINC) .

Service	Details																		
LU05176	LU05176 M.C.S. ENTRIES = ++PTF (LU05176) ALTER, DROP, CREATE, AND TEMPLATE CMD SUPPORT FOR ROUTINES ENHANCEMENT DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), full ALTER, DROP, CREATE, and TEMPLATE command support has been added to Routine reports. A new DROPALL command allows you to auto-select a versioned routine to drop all versions. Also, the Routine-List (R-L) Report column order now displays the most meaningful attributes at the beginning of the list. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 16024 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01938-D200 DESC(ALTER, DROP, CREATE, AND TEMPLATE CMD SUPPORT FOR ROUTINES). ++VER (Z038) FMID (CRCQK00) PRE (LU01330 LU01706 LU02030 LU02564 LU03220 LU04430 R096593 R099569 S001414 S004471 S006128 S006875 S007822 S008232 S010163 S015697) SUP (LT05176) ++IF FMID(CRCUK00) REQ(LU05177) . ++IF FMID(CINSK00) REQ(LU05175) . ++HOLD (LU05176) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (22082) COMMENT (<table> <tr> <td>RC/Query for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Bind Plans and Packages</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>Db2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. Db2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND, SYSADM or SYSCNTL on Db2 subsystem.</td></tr> </table> ***** * STEPS TO PERFORM * ***** 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!	RC/Query for Db2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE		REQUIRED	Db2 Tools Post Install Customization.	ACCESS	1. Db2 Tools Post Install	REQUIRED	2. BIND, SYSADM or SYSCNTL on Db2 subsystem.
RC/Query for Db2 for z/OS	Version 20.0																		
SEQUENCE	After Apply																		
PURPOSE	Bind Plans and Packages																		
USERS																			
AFFECTED	All Users																		
KNOWLEDGE																			
REQUIRED	Db2 Tools Post Install Customization.																		
ACCESS	1. Db2 Tools Post Install																		
REQUIRED	2. BIND, SYSADM or SYSCNTL on Db2 subsystem.																		

Service	Details
	If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).

Service	Details
LU05177	LU05177 M.C.S. ENTRIES = ++PTF (LU05177) ALTER, DROP, CREATE, AND TEMPLATE CMD SUPPORT FOR ROUTINES ENHANCEMENT DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), full ALTER, DROP, CREATE, and TEMPLATE command support has been added to Routine reports. A new DROPALL command allows you to auto-select a versioned routine to drop all versions. Also, the Routine-List (R-L) Report column order now displays the most meaningful attributes at the beginning of the list. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 16024 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01938-D200 DESC(ALTER, DROP, CREATE, AND TEMPLATE CMD SUPPORT FOR ROUTINES). ++VER (Z038) FMID (CRCUK00) PRE (LU00449 LU03663 LU04150 LU04432 R099571 S000026 S001415 S004472 S004720 S010975 S011867 S011970 S012365 S013112) SUP (LT05177) ++IF FMID(CRCQK00) REQ(LU05176) . ++IF FMID(CINSK00) REQ(LU05175) . CSECT(RUA\$LST1,LST1@TXT) . CSECT(RUA\$LST2,RUX\$LST2) . CSECT(RUAMAIN,#@XFCALN) .

Service	Details
LU05206	LU05206 M.C.S. ENTRIES = ++PTF (LU05206) SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may generate incorrect syntax for Db2 LOAD when SWITCH-TO-IBM is set to YES in the UTIL member of CDBAPARM and PFL encounters an unsupported object. This happens when specifying RESUME YES and NO is not specified for UPDATE-CATSTATS. 2. PFL may abend with S906-08 abend code. This happens when many indexes are processed and multiple FASTLOAD commands are specified in a SYSIN of a single step. 3. The Post-Install Parmlib Editor panels UTEDPU3 and UTEDPUA show incorrect values for the Sort optimization and PFL-ZIIP options. This happens when these values are set to NO in the parmlib being edited. SYMPTOMS: 1. The following message is printed in the PFL job output: DSNU070I nnn tt:tt:tt.tt DSNUGDFL - KEYWORD OR OPERAND 'STATISTICS' INVALID WITH 'RESUME(YES)' And the job ends with RC=8. 2. S906-08 abend in FLL\$DRV+2994. 3. Panel UTEDPU3 shows: Sort optimization.....> NOS (Yes or No) Panel UTEDPUA shows: PFL-ZIIP.....> NOS (YES or NO) This results in the following message when you want to continue to the next panel: PT664I: Invalid value. You must enter a valid value to continue. IMPACT: 1. The load fails. 2. The PFL job abends. 3. Need manual edit of the value. CIRCUMVENTION: 1. None. 2. Separate the FASTLOAD commands into multiple job steps. 3. Change the incorrect value to one of the valid ones. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 16442 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01939-D200 DESC(SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR). ++VER (Z038) FMID (CINSK00) PRE (LU01378 LU04412 S011430) SUP (LT05206) ++IF FMID(CPFLK00) REQ(LU05207) . ++IF FMID(CPRRK00) REQ(LU05208) . ++IF FMID(CPUTK00) REQ(LU05209) . ++IF FMID(CUGRK00) REQ(LU05210) .

Service	Details
LU05207	LU05207 M.C.S. ENTRIES = ++PTF (LU05207) SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may generate incorrect syntax for Db2 LOAD when SWITCH-TO-IBM is set to YES in the UTIL member of CDBAPARM and PFL encounters an unsupported object. This happens when specifying RESUME YES and NO is not specified for UPDATE-CATSTATS. 2. PFL may abend with S906-08 abend code. This happens when many indexes are processed and multiple FASTLOAD commands are specified in a SYSIN of a single step. 3. The Post-Install Parmlib Editor panels UTEDPU3 and UTEDPUA show incorrect values for the Sort optimization and PFL-ZIIP options. This happens when these values are set to NO in the parmlib being edited. SYMPTOMS: 1. The following message is printed in the PFL job output: DSNU070I nnn tt:tt:tt.tt DSNUGDFL - KEYWORD OR OPERAND 'STATISTICS' INVALID WITH 'RESUME(YES)' And the job ends with RC=8. 2. S906-08 abend in FLL\$DRV+2994. 3. Panel UTEDPU3 shows: Sort optimization.....> NOS (Yes or No) Panel UTEDPUA shows: PFL-ZIIP.....> NOS (YES or NO) This results in the following message when you want to continue to the next panel: PT664I: Invalid value. You must enter a valid value to continue. IMPACT: 1. The load fails. 2. The PFL job abends. 3. Need manual edit of the value. CIRCUMVENTION: 1. None. 2. Separate the FASTLOAD commands into multiple job steps. 3. Change the incorrect value to one of the valid ones. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 16442 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01939-D200 DESC(SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR). ++VER (Z038) FMID (CPFLK00) PRE (LU00136 LU00301 LU00724 LU01349 LU01720 LU02243 LU03191 LU03210 LU03231 LU03577 LU03684 LU03742 LU03846 LU04417 LU04616 R096581 R097708 S000018 S000704 S001401 S001656 S004275 S004459 S004857 S005012 S005502 S006117 S007170 S007811 S008071 S008378 S008428 S009024 S009977 S010195 S010752 S011107 S011235 S011431 S011601 S011846 S011946 S011996 S012107 S012128 S012150 S012275 S012526

Service	Details
	S013097 S013150 S013203 S013706 S013765 S014031 S014772 S015235 S015312 S015484 S015738 S015938 S016089) SUP (LT02821 LT03038 LT05207 ST11056 ST13122 ST15157 ST15281 ST15288) ++IF FMID(CPRRK00) REQ(LU05208) . ++IF FMID(CPUTK00) REQ(LU05209) . ++IF FMID(CUGRK00) REQ(LU05210) . ++IF FMID(CINSK00) REQ(LU05206) . CSECT(FLA\$CAI,#@XFCALR) .

Service	Details
LU05208	LU05208 M.C.S. ENTRIES = ++PTF (LU05208) SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may generate incorrect syntax for Db2 LOAD when SWITCH-TO-IBM is set to YES in the UTIL member of CDBAPARM and PFL encounters an unsupported object. - This happens when specifying RESUME YES and NO is not specified for UPDATE-CATSTATS. 2. PFL may abend with S906-08 abend code. This happens when many indexes are processed and multiple FASTLOAD commands are specified in a SYSIN of a single step. 3. The Post-Install Parmlib Editor panels UTEDPU3 and UTEDPUA show incorrect values for the Sort optimization and PFL-ZIIP options. This happens when these values are set to NO in the parmlib being edited. SYMPTOMS: 1. The following message is printed in the PFL job output: DSNU070I nnn tt:tt:tt.tt DSNUGDFL - KEYWORD OR OPERAND 'STATISTICS' INVALID WITH 'RESUME(YES)' And the job ends with RC=8. 2. S906-08 abend in FLL\$DRV+2994. 3. Panel UTEDPU3 shows: Sort optimization.....> NOS (Yes or No) Panel UTEDPUA shows: PFL-ZIIP.....> NOS (YES or NO) This results in the following message when you want to continue to the next panel: PT664I: Invalid value. You must enter a valid value to continue. IMPACT: 1. The load fails. 2. The PFL job abends. 3. Need manual edit of the value. CIRCUMVENTION: 1. None. 2. Separate the FASTLOAD commands into multiple job steps. 3. Change the incorrect value to one of the valid ones. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 16442 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01939-D200 DESC(SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR). ++VER (Z038) FMID (CPRRK00) PRE (LU00303 LU00726 LU01351 LU01989 LU03034 LU03212 LU03233 LU03733 LU04425 LU04637 LU04965 R096588 R097715 R098968 S000023 S000846 S001658 S006125 S006582 S006609 S007818 S008379 S009026 S009089 S009599 S009905 S010505 S011080 S011109 S011200 S011237 S011603 S011998 S012109 S012152 S012277 S012528 S012716 S013152 S013204 S013635 S013708 S014276 S014640 S015237 S015313 S015485 S015739)

Service	Details
	SUP (LT02823 LT03040 LT05208 S015585 ST11058 ST15159 ST15282 ST15289 ST15585) ++IF FMID(CPFLK00) REQ(LU05207) . ++IF FMID(CPUTK00) REQ(LU05209) . ++IF FMID(CUGRK00) REQ(LU05210) . ++IF FMID(CINSK00) REQ(LU05206) .

Service	Details
LU05209	LU05209 M.C.S. ENTRIES = ++PTF (LU05209) SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may generate incorrect syntax for Db2 LOAD when SWITCH-TO-IBM is set to YES in the UTIL member of CDBAPARM and PFL encounters an unsupported object. - This happens when specifying RESUME YES and NO is not specified for UPDATE-CATSTATS. 2. PFL may abend with S906-08 abend code. This happens when many indexes are processed and multiple FASTLOAD commands are specified in a SYSIN of a single step. 3. The Post-Install Parmlib Editor panels UTEDPU3 and UTEDPUA show incorrect values for the Sort optimization and PFL-ZIIP options. This happens when these values are set to NO in the parmlib being edited. SYMPTOMS: 1. The following message is printed in the PFL job output: DSNU070I nnn tt:tt:tt.tt DSNUGDFL - KEYWORD OR OPERAND 'STATISTICS' INVALID WITH 'RESUME(YES)' And the job ends with RC=8. 2. S906-08 abend in FLL\$DRV+2994. 3. Panel UTEDPU3 shows: Sort optimization.....> NOS (Yes or No) Panel UTEDPUA shows: PFL-ZIIP.....> NOS (YES or NO) This results in the following message when you want to continue to the next panel: PT664I: Invalid value. You must enter a valid value to continue. IMPACT: 1. The load fails. 2. The PFL job abends. 3. Need manual edit of the value. CIRCUMVENTION: 1. None. 2. Separate the FASTLOAD commands into multiple job steps. 3. Change the incorrect value to one of the valid ones. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 16442 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01939-D200 DESC(SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR). ++VER (Z038) FMID (CPUTK00) PRE (LU00177 LU00304 LU00727 LU01352 LU03192 LU03213 LU03234 LU03734 LU04427 LU04990 R096590 R098969 R099566 S000024 S001659 S005016 S005102 S006068 S006127 S006874 S007820 S008586 S009253 S010196 S011110 S011238 S011604 S011849 S011999 S012153 S012278 S012529 S013153 S013205 S013709 S014773 S015238 S015486 S015710) SUP (LT02824 LT03041 LT05209 ST15160)

Service	Details
	++IF FMID(CPFLK00) REQ(LU05207) .
	++IF FMID(CPRRK00) REQ(LU05208) .
	++IF FMID(CUGRK00) REQ(LU05210) .
	++IF FMID(CINSK00) REQ(LU05206) .

Service	Details
LU05210	LU05210 M.C.S. ENTRIES = ++PTF (LU05210) SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may generate incorrect syntax for Db2 LOAD when SWITCH-TO-IBM is set to YES in the UTIL member of CDBAPARM and PFL encounters an unsupported object. - This happens when specifying RESUME YES and NO is not specified for UPDATE-CATSTATS. 2. PFL may abend with S906-08 abend code. This happens when many indexes are processed and multiple FASTLOAD commands are specified in a SYSIN of a single step. 3. The Post-Install Parmlib Editor panels UTEDPU3 and UTEDPUA show incorrect values for the Sort optimization and PFL-ZIIP options. This happens when these values are set to NO in the parmlib being edited. SYMPTOMS: 1. The following message is printed in the PFL job output: DSNU070I nnn tt:tt:tt.tt DSNUGDFL - KEYWORD OR OPERAND 'STATISTICS' INVALID WITH 'RESUME(YES)' And the job ends with RC=8. 2. S906-08 abend in FLL\$DRV+2994. 3. Panel UTEDPU3 shows: Sort optimization.....> NOS (Yes or No) Panel UTEDPUA shows: PFL-ZIIP.....> NOS (YES or NO) This results in the following message when you want to continue to the next panel: PT664I: Invalid value. You must enter a valid value to continue. IMPACT: 1. The load fails. 2. The PFL job abends. 3. Need manual edit of the value. CIRCUMVENTION: 1. None. 2. Separate the FASTLOAD commands into multiple job steps. 3. Change the incorrect value to one of the valid ones. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 16442 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01939-D200 DESC(SWITCH-TO-IBM SYNTAX ERROR/S906-08/PARMLIB EDITOR ERROR). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00728 LU04435 R099574 S000029 S000788 S006132 S008280 S012155 S014568) SUP (LT05210) ++IF FMID(CPFLK00) REQ(LU05207) . ++IF FMID(CPRRK00) REQ(LU05208) . ++IF FMID(CPUTK00) REQ(LU05209) . ++IF FMID(CINSK00) REQ(LU05206) .

Service	Details
LU05211	LU05211 M.C.S. ENTRIES = ++PTF (LU05211) INVALID DATA PRINTED IN DOUBLEWORD FIELD PROBLEM DESCRIPTION: When the SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) report written to OUTFILE specifies a field with the OF=B8 format (8-byte binary field), this field may have an incorrect value. SYMPTOMS: A field with the OF=B8 format has an incorrect value. IMPACT: The report prints the wrong value. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 16426 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01940-D200 DESC(INVALID DATA PRINTED IN DOUBLEWORD FIELD). ++VER (Z038) FMID (CIDBK00) PRE (LU01030 LU03286 LU03348 LU04411 R096575 R099552 S000077 S001395 S004454 S006112 S006862 S008846 S009519 S010906 S011977 S015254) SUP (LT03455 LT05211 LU03455) CSECT(NFSUMC,NFSUM) .

Service	Details
LU05224	LU05224 M.C.S. ENTRIES = ++PTF (LU05224) SUPPORT FOR SECONDARY ROLES IN TRUSTED CONTEXT RECORD ENHANCEMENT DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) now supports new fields related to secondary roles in the TRUSTED-CONTEXT record (IFCID 269). The layout of the report AUDCLASA was reworked and the new fields were added. The numbers of secondary roles were added to reports BTRECTRC, RECTRACE. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 15510 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01941-D200 DESC(SUPPORT FOR SECONDARY ROLES IN TRUSTED CONTEXT RECORD). ++VER (Z038) FMID (CIDBK00) PRE (LU00282 LU00299 LU00545 LU00697 LU00881 LU01030 LU01041 LU01042 LU01175 LU01977 LU02033 LU02118 LU02325 LU02340 LU02516 LU02634 LU02646 LU02708 LU02800 LU03023 LU03091 LU03195 LU03252 LU03256 LU03286 LU03348 LU03435 LU03929 LU04097 LU04282 LU04287 LU04374 LU04411 LU04566 LU04803 R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010405 S010739 S010906 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014016 S014099 S014642 S014754 S014843 S014883 S014923 S015049 S015070 S015254 S015647 S015931 S016200 S016270 S016300) SUP (AS16200 LT02439 LT03146 LT04371 LT05224 LU02439 LU03146 LU04371 R097683 S008728 S013032 S014531 S015913 ST03732 ST08728 ST13032 ST14358 ST14531 ST15913 TR97683) CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) . CSECT (IFCIDSCS) . CSECT (NDFMTSEC,NDFMTSEM) . CSECT (NDREFORC,NDREFORM) . CSECT (NDRITABC,NDRITABL) . CSECT (NDRITBLC,NDRITBL2) . CSECT (NPLEXDAT,NPLEXSYM,SYMTBLE) . CSECT (NSIRECMG,NSIRECM#) . CSECT (NSIRITAC,NSIRITAB) . CSECT (NSISQLGR,NSISQLG#) . CSECT (NUHSTCHC,NUHSTCHM) . CSECT (NUHSTLOM) . CSECT (NUHSTRDC,NUHSTRDM) .

Service	Details
LU05242	LU05242 M.C.S. ENTRIES = ++PTF (LU05242) ALTER COLUMN GENERATED ON A COLUMN IN GLOBAL TEMPORARY TABLE PROBLEM DESCRIPTION: RC/Compare for DB2 for z/OS incorrectly generates an ICL ALTER to alter the default value of a column of a GLOBAL TEMPORARY table, if the compare strategy is comparing two identical GLOBAL TEMPORARY table. SYMPTOMS: The ICL-DDL analysis will generate DDL to set the DEFAULT to NULL and the execution will fail with the following message: DSNT408I SQLCODE = -526, ERROR: THE REQUESTED OPERATION OR USAGE DOES NOT APPLY TO CREATED TEMPORARY TABLE <TBCreator>.<TBNAME> DSNT418I SQLSTATE = 42995 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXIATB SQL PROCEDURE DETECTING ERROR DSNT416I SQLERRD = 40 0 0 -1 0 0 SQL DIAGNOSTIC INFORMATION DSNT416I SQLERRD = X'00000028' X'00000000' X'00000000' X'FFFFFFF' X'00000000' X'00000000' SQL DIAGNOSTIC INFORMATION IMPACT: The generated script will fail when executed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16595 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01944-D200 DESC(ALTER COLUMN GENERATED ON A COLUMN IN GLOBAL TEMPORARY TABLE). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04149 LU04412 LU04746 R096576 R097704 R099553 S001396 S004718 S006863 S007379 S009105 S011691 S011966 S012361 S012933 S014125 S014832 S015804) SUP (LT01151 LT03291 LT05242 LU01151 LU03291 S013726 ST06695 ST13726) CSECT(RMA@EDIT,RMX@EDIT) .

Service	Details
LU05243	LU05243 M.C.S. ENTRIES = ++PTF (LU05243) SQLCODE -313 ISSUED BY RMA@UF2 IF SOURCE/TARGET IS REMOTE PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), an SQLCODE -313 may sporadically occur when analyzing a compare strategy where the source/target is remote or ACM is used for analysis. SYMPTOMS: RMA199E PROGRAM RMA@UF2 RECEIVED THE FOLLOWING SQL ERROR: DSNT408I SQLCODE = -313, ERROR: THE NUMBER OF HOST VARIABLES SPECIFIED IS NOT EQUAL TO THE NUMBER OF PARAMETER MARKERS DSNT418I SQLSTATE = 07001 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXRIHD SQL PROCEDURE DETECTING ERROR DSNT416I SQLERRD = -116 0 0 -1 0 0 SQL DIAGNOSTIC INFORMATION DSNT416I SQLERRD = X'FFFFFFFF8C' X'00000000' X'00000000' X'FFFFFFFF' X'00000000' X'00000000' SQL DIAGNOSTIC INFORMATION IMPACT: The analysis is not complete. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16590 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01945-D200 DESC(SQLCODE -313 ISSUED BY RMA@UF2 IF SOURCE/TARGET IS REMOTE). ++VER (Z038) FMID (CINSK00) PRE (LU03657 LU04149 LU04412 S001396 S004455 S004718 S007379 S012933) SUP (LT05241 LT05243) ++HOLD (LU05243) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (22089) COMMENT (+-----+ Db2 Common Components

Service	Details
	* STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).

Service	Details
LU05265	LU05265 M.C.S. ENTRIES = ++PTF (LU05265) The following items are included in this solution: 1. ABEND OC4 FOLLOWING LU05127 2. ABEND OC4 IN DSN3EOTS AT THREAD TERMINATION ===== ABEND OC4 FOLLOWING LU05127 PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) may cause COMMIT requests to abend following LU05127. SYMPTOMS: The following message is written to SYSLOG: IEA794I SVC DUMP HAS CAPTURED: 680 DUMPID=025 REQUESTED BY JOB (XXXXXXX) DUMP TITLE=D11C,ABND=OC4-00000038,U=XXXXXXX ,M=N ,C=111.SSSC-D SNAPRHX,M=DSNAPRHX,PSW=077C2001AAE4E37E,A=03B7 IMPACT: COMMIT processing terminates abnormally. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 16579 ===== ABEND OC4 IN DSN3EOTS AT THREAD TERMINATION PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) may cause an abend in thread termination processing. SYMPTOMS: The following dump is issued: DBT1,ABND=OC4-00000011,U=SYSOPR ,M=N ,C=121.SSSC-DSN3EOTS IMPACT: Thread termination abends rather than completing normally. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 16515 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01946-D200 DESC(ABEND OC4 FOLLOWING LU05127). ++VER (Z038) FMID (CPDTK00) PRE (LU00240 LU00329 LU00402 LU00549 LU00684 LU01002 LU01215 LU01393 LU01467 LU01542 LU01933 LU02220 LU02290 LU02554 LU02706 LU02796 LU02944 LU03093 LU03461 LU03917 LU04231 LU04416 LU05127 LU05152 R096168 R096580 R097707 R098429 R099556 R099946 S000263 S000423 S003942 S004458 S004757 S006116 S006334 S006838 S006865 S007810 S007988 S008129 S008323 S008446 S008789 S009065 S009828 S010018

Service	Details
	S010492 S010538 S010652 S010908 S011694 S011983 S012538 S012921 S013450 S013655 S013889 S014338 S014680 S015843 S015927 S016113) SUP (AL05152 LT00307 LT01214 LT01903 LT01956 LT02217 LT03386 LT03406 LT05265 LU03386 LU03406) ++HOLD (LU05265) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22084) COMMENT (<pre> +-----+ Detector for Db2 for z/OS Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).</pre>

Service	Details
LU05276	LU05276 M.C.S. ENTRIES = ++PTF (LU05276) RCQ DB/T REPORT DISPLAYING ROW COUNT IN SCIENTIFIC FORMAT PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS(RCQ), certain reports display the Table Row Count value in scientific notation instead of decimal format. This happens when the value is over 2,147,483,647 and occurs in the following reports: DB/T - Database/Table TS/T - Tablespace/Table SG/T - Storage Group/Table BP/T - Buffer Pool/Table SYMPTOMS: Table row count is displayed in scientific notation. IMPACT: The row count should be displayed in decimal format. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 16366 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01948-D200 DESC(RCQ DB/T REPORT DISPLAYING ROW COUNT IN SCIENTIFIC FORMAT). ++VER (Z038) FMID (CINSK00) PRE (LU04412 LU05175 S010469 S011196) SUP (LT05002 LT05276) ++IF FMID(CRCQK00) REQ(LU05277) . ++HOLD (LU05276) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (22087) COMMENT (<pre> +-----+ Db2 Common Components Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS All Users AFFECTED +-----+-----+ KNOWLEDGE CA DB2 Tools Post Install Customization. REQUIRED +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the </pre>

Service	Details
	CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans.).

Service	Details
LU05277	LU05277 M.C.S. ENTRIES = ++PTF (LU05277) RCQ DB/T REPORT DISPLAYING ROW COUNT IN SCIENTIFIC FORMAT PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS(RCQ), certain reports display the Table Row Count value in scientific notation instead of decimal format. This happens when the value is over 2,147,483,647 and occurs in the following reports: DB/T - Database/Table TS/T - Tablespace/Table SG/T - Storage Group/Table BP/T - Buffer Pool/Table SYMPTOMS: Table row count is displayed in scientific notation. IMPACT: The row count should be displayed in decimal format. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 16366 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01948-D200 DESC(RCQ DB/T REPORT DISPLAYING ROW COUNT IN SCIENTIFIC FORMAT). ++VER (Z038) FMID (CRCQK00) PRE (LU04430 LU04657 R099569 S001414) SUP (LT04997 LT05277) ++IF FMID(CINSK00) REQ(LU05276) . ++HOLD (LU05277) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (22087) COMMENT (<pre> +-----+ RC/Query for Db2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the </pre>

Service	Details
	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> +-----+ RC/Query for Db2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS All Users AFFECTED +-----+-----+ KNOWLEDGE CA DB2 Tools Post Install Customization. REQUIRED +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans.).</pre>

Service	Details																																																																			
LU05278	LU05278 M.C.S. ENTRIES = ++PTF (LU05278) DROP VERSIONING INCORRECTLY GENERATED WITH RECOVERY OPTION PROBLEM DESCRIPTION: When using RC/Compare for Db2 for z/OS (RCC) to analyze a compare strategy with the Recovery analysis option, the analysis generates DDL to drop the versioning if the base and the history tables are paired and the temporal relationship exists on both source and the target. SYMPTOMS: The generated script includes DDL to drop the versioning. IMPACT: The temporal relationship will be lost after executing the DDL. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16623 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01949-D200 DESC(DROP VERSIONING INCORRECTLY GENERATED WITH RECOVERY OPTION). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03142 LU03657 LU03856 LU04149 LU04412 LU04654 R097704 R099553 S001396 S004455 S004718 S006113 S006638 S006863 S007379 S009105 S010974 S011691 S011966 S012361 S012933 S013154 S014832 S015804) SUP (LT05278 LU03391 S009790 S010815 ST09790 ST10815) <table> <tr><td>MCS</td><td>LU04102</td><td>STARTS ON PAGE 0003</td></tr> <tr><td>MCS</td><td>LU04103</td><td>STARTS ON PAGE 0003</td></tr> <tr><td>MCS</td><td>LU04797</td><td>STARTS ON PAGE 0004</td></tr> <tr><td>MCS</td><td>LU04813</td><td>STARTS ON PAGE 0005</td></tr> <tr><td>MCS</td><td>LU04874</td><td>STARTS ON PAGE 0006</td></tr> <tr><td>MCS</td><td>LU04875</td><td>STARTS ON PAGE 0007</td></tr> <tr><td>MCS</td><td>LU04896</td><td>STARTS ON PAGE 0008</td></tr> <tr><td>MCS</td><td>LU04908</td><td>STARTS ON PAGE 0009</td></tr> <tr><td>MCS</td><td>LU04919</td><td>STARTS ON PAGE 0010</td></tr> <tr><td>MCS</td><td>LU04930</td><td>STARTS ON PAGE 0011</td></tr> <tr><td>MCS</td><td>LU04931</td><td>STARTS ON PAGE 0013</td></tr> <tr><td>MCS</td><td>LU04932</td><td>STARTS ON PAGE 0014</td></tr> <tr><td>MCS</td><td>LU04945</td><td>STARTS ON PAGE 0015</td></tr> <tr><td>MCS</td><td>LU04949</td><td>STARTS ON PAGE 0016</td></tr> <tr><td>MCS</td><td>LU04950</td><td>STARTS ON PAGE 0020</td></tr> <tr><td>MCS</td><td>LU04951</td><td>STARTS ON PAGE 0024</td></tr> <tr><td>MCS</td><td>LU04952</td><td>STARTS ON PAGE 0027</td></tr> <tr><td>MCS</td><td>LU04953</td><td>STARTS ON PAGE 0031</td></tr> <tr><td>MCS</td><td>LU04960</td><td>STARTS ON PAGE 0035</td></tr> <tr><td>MCS</td><td>LU04961</td><td>STARTS ON PAGE 0036</td></tr> <tr><td>MCS</td><td>LU04962</td><td>STARTS ON PAGE 0037</td></tr> <tr><td>MCS</td><td>LU04965</td><td>STARTS ON PAGE 0038</td></tr> </table>		MCS	LU04102	STARTS ON PAGE 0003	MCS	LU04103	STARTS ON PAGE 0003	MCS	LU04797	STARTS ON PAGE 0004	MCS	LU04813	STARTS ON PAGE 0005	MCS	LU04874	STARTS ON PAGE 0006	MCS	LU04875	STARTS ON PAGE 0007	MCS	LU04896	STARTS ON PAGE 0008	MCS	LU04908	STARTS ON PAGE 0009	MCS	LU04919	STARTS ON PAGE 0010	MCS	LU04930	STARTS ON PAGE 0011	MCS	LU04931	STARTS ON PAGE 0013	MCS	LU04932	STARTS ON PAGE 0014	MCS	LU04945	STARTS ON PAGE 0015	MCS	LU04949	STARTS ON PAGE 0016	MCS	LU04950	STARTS ON PAGE 0020	MCS	LU04951	STARTS ON PAGE 0024	MCS	LU04952	STARTS ON PAGE 0027	MCS	LU04953	STARTS ON PAGE 0031	MCS	LU04960	STARTS ON PAGE 0035	MCS	LU04961	STARTS ON PAGE 0036	MCS	LU04962	STARTS ON PAGE 0037	MCS	LU04965	STARTS ON PAGE 0038
MCS	LU04102	STARTS ON PAGE 0003																																																																		
MCS	LU04103	STARTS ON PAGE 0003																																																																		
MCS	LU04797	STARTS ON PAGE 0004																																																																		
MCS	LU04813	STARTS ON PAGE 0005																																																																		
MCS	LU04874	STARTS ON PAGE 0006																																																																		
MCS	LU04875	STARTS ON PAGE 0007																																																																		
MCS	LU04896	STARTS ON PAGE 0008																																																																		
MCS	LU04908	STARTS ON PAGE 0009																																																																		
MCS	LU04919	STARTS ON PAGE 0010																																																																		
MCS	LU04930	STARTS ON PAGE 0011																																																																		
MCS	LU04931	STARTS ON PAGE 0013																																																																		
MCS	LU04932	STARTS ON PAGE 0014																																																																		
MCS	LU04945	STARTS ON PAGE 0015																																																																		
MCS	LU04949	STARTS ON PAGE 0016																																																																		
MCS	LU04950	STARTS ON PAGE 0020																																																																		
MCS	LU04951	STARTS ON PAGE 0024																																																																		
MCS	LU04952	STARTS ON PAGE 0027																																																																		
MCS	LU04953	STARTS ON PAGE 0031																																																																		
MCS	LU04960	STARTS ON PAGE 0035																																																																		
MCS	LU04961	STARTS ON PAGE 0036																																																																		
MCS	LU04962	STARTS ON PAGE 0037																																																																		
MCS	LU04965	STARTS ON PAGE 0038																																																																		

Service	Details		
	MCS	LU04966	STARTS ON PAGE 0040
	MCS	LU04980	STARTS ON PAGE 0041
	MCS	LU04981	STARTS ON PAGE 0043
	MCS	LU04982	STARTS ON PAGE 0044
	MCS	LU04988	STARTS ON PAGE 0045
	MCS	LU04989	STARTS ON PAGE 0046
	MCS	LU04990	STARTS ON PAGE 0049
	MCS	LU05006	STARTS ON PAGE 0050
	MCS	LU05019	STARTS ON PAGE 0051
	MCS	LU05025	STARTS ON PAGE 0052
	MCS	LU05031	STARTS ON PAGE 0054
	MCS	LU05032	STARTS ON PAGE 0055
	MCS	LU05035	STARTS ON PAGE 0057
	MCS	LU05036	STARTS ON PAGE 0058
	MCS	LU05052	STARTS ON PAGE 0060
	MCS	LU05058	STARTS ON PAGE 0064
	MCS	LU05059	STARTS ON PAGE 0072
	MCS	LU05060	STARTS ON PAGE 0073
	MCS	LU05080	STARTS ON PAGE 0074
	MCS	LU05085	STARTS ON PAGE 0075
	MCS	LU05089	STARTS ON PAGE 0076
	MCS	LU05090	STARTS ON PAGE 0078
	MCS	LU05091	STARTS ON PAGE 0079
	MCS	LU05098	STARTS ON PAGE 0080
	MCS	LU05102	STARTS ON PAGE 0081
	MCS	LU05103	STARTS ON PAGE 0082
	MCS	LU05109	STARTS ON PAGE 0082
	MCS	LU05110	STARTS ON PAGE 0083
	MCS	LU05111	STARTS ON PAGE 0084
	MCS	LU05112	STARTS ON PAGE 0087
	MCS	LU05113	STARTS ON PAGE 0088
	MCS	LU05114	STARTS ON PAGE 0089
	MCS	LU05115	STARTS ON PAGE 0089
	MCS	LU05116	STARTS ON PAGE 0090
	MCS	LU05117	STARTS ON PAGE 0093
	MCS	LU05118	STARTS ON PAGE 0094
	MCS	LU05127	STARTS ON PAGE 0094
	MCS	LU05140	STARTS ON PAGE 0097
	MCS	LU05142	STARTS ON PAGE 0098
	MCS	LU05152	STARTS ON PAGE 0099
	MCS	LU05156	STARTS ON PAGE 0101
	MCS	LU05169	STARTS ON PAGE 0102
	MCS	LU05175	STARTS ON PAGE 0103
	MCS	LU05176	STARTS ON PAGE 0104
	MCS	LU05177	STARTS ON PAGE 0107
	MCS	LU05206	STARTS ON PAGE 0108
	MCS	LU05207	STARTS ON PAGE 0109
	MCS	LU05208	STARTS ON PAGE 0110
	MCS	LU05209	STARTS ON PAGE 0112
	MCS	LU05210	STARTS ON PAGE 0113
	MCS	LU05211	STARTS ON PAGE 0114
	MCS	LU05224	STARTS ON PAGE 0115
	MCS	LU05242	STARTS ON PAGE 0117
	MCS	LU05243	STARTS ON PAGE 0118

Service	Details		
	MCS	LU05265	STARTS ON PAGE 0120
	MCS	LU05276	STARTS ON PAGE 0122
	MCS	LU05277	STARTS ON PAGE 0124
	MCS	LU05278	STARTS ON PAGE 0128

Product Family	Product	Release
Database	CA BIND ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA DATABASE ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS BASE INSTALL	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS OBJECT FRAMEWORK SERVICES	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS UI SERVICES	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITIES COMMON	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITY GENERAL RECOVERY	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS UTILITY SORT SERVICE	20.00.00
	CA DBM SOLUTIONS FOR DB2 FOR Z/OS XNET COMMUNICATIONS SERVER	20.00.00
	CA DBM SOLUTIONS SNAPSHOT GENERAL SERVICES	20.00.00
	CA DETECTOR FOR DB2 FOR Z/OS	20.00.00
	CA ENDEVOR SOFTWARE CHANGE MANAGER INTERFACE FOR DB2	20.00.00
	CA FAST LOAD FOR DB2 FOR Z/OS	20.00.00
	CA FAST UNLOAD FOR DB2 FOR Z/OS	20.00.00
	CA LOG ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA PLAN ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA RAPID REORG FOR DB2 FOR Z/OS	20.00.00
	CA RC/EXTRACT FOR DB2 FOR Z/OS	20.00.00
	CA RC/MIGRATOR FOR DB2 FOR Z/OS	20.00.00
	CA RC/QUERY FOR DB2 FOR Z/OS	20.00.00
	CA RC/SECURE FOR DB2 FOR Z/OS	20.00.00
	CA RC/UPDATE FOR DB2 FOR Z/OS	20.00.00
	CA RECOVERY ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA REPORT FACILITY FOR TSO	20.00.00
	CA SUBSYSTEM ANALYZER FOR DB2 FOR Z/OS	20.00.00
	CA SYSVIEW PERFORMANCE MANAGEMENT OPTION FOR DB2 FOR Z/OS	20.00.00
	CA COMMON SQL SERVICES FOR DB2 FOR Z/OS	01.00.00
The CA RS 2204 Product/Component Count for this release is 27		

CA RS Level	Service	FMID
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
	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	CRCCK00
	LU05090	CRCMK00
	LU05089	CINSK00
	LU05085	CPDAK00
	LU05080	CINSK00
	LU05060	CPDTK00
	LU05059	CINSK00
	LU05058	CIDBK00
	LU05052	CPDTK00
	LU05036	CRCQK00
	LU05035	COFSK00
	LU05032	CIDBK00

CA RS Level	Service	FMID
	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	CRCCK00
	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

CA RS Level	Service	FMID
	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
	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	CRCCK00
	LU04430	CRCQK00
	LU04429	CRCMK00

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	LU03827	CPFUK00
	LU03814	CPDAK00
	LU03813	CINSK00
	LU03809	CPDTK00
	LU03808	CINSK00
	LU03789	CINSK00
	LU03788	CINSK00
	LU03762	CPDAK00
	LU03761	CINSK00
	LU03760	CSQ2100
	LU03759	CUGRK00
	LU03749	CPLAK00
	LU03742	CPFLK00
	LU03735	CUGRK00
	LU03734	CPUTK00
	LU03733	CPRRK00
	LU03732	CPFUK00
	LU03731	CPLAK00
	LU03712	CINSK00
	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

CA RS Level	Service	FMID
	LU03500	CPLAK00
	LU03492	CPLAK00
	LU03463	CINSK00
	LU03461	CPDTK00
	LU03455	CIDBK00
	LU03453	CIDBK00
	LU03443	CUGRK00
	LU03437	CRCUK00
	LU03435	CIDBK00
	LU03417	CINSK00
	LU03406	CPDTK00
	LU03401	CPUTK00
	LU03400	CPRRK00
	LU03399	CPFLK00
	LU03391	CINSK00
	LU03386	CPDTK00
	LU03384	CPFUK00
	LU03367	CINSK00
	LU03353	CPFUK00
	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

CA RS Level	Service	FMID
	LU03231	CPFLK00
	LU03228	CPLAK00
	LU03221	CINSK00
	LU03220	CRCQK00
	LU03214	CUGRK00
	LU03213	CPUTK00
	LU03212	CPRRK00
	LU03211	CPFUK00
	LU03210	CPFLK00
	LU03209	CINSK00
	LU03195	CIDBK00
	LU03192	CPUTK00
	LU03191	CPFLK00
	LU03190	CINSK00
	LU03187	CPUTK00
	LU03186	CUGRK00
	LU03162	CIDBK00
	LU03152	CPDAK00
	LU03146	CIDBK00
	LU03142	CINSK00
	LU03116	CPSAK00
	LU03101	CPBAK00
	LU03093	CPDTK00
	LU03091	CIDBK00
	LU03073	CUGRK00
	LU03035	CPDAK00
	LU03034	CPRRK00
	LU03033	CPUTK00
	LU03032	CPFUK00
	LU03023	CIDBK00
	LU03018	CPDTK00
	LU02985	CIDBK00
	LU02979	CPLAK00
	LU02945	CINSK00
	LU02886	CIDBK00
	LU02816	CPLAK00
	LU02728	CPUTK00
	LU02727	CPFUK00
	LU02726	CINSK00
	LU02712	CUGRK00
CAR2110	SO14389	CIDBK00
	LU02944	CPDTK00
	LU02894	CRCQK00
	LU02866	COFSK00
	LU02841	CIDBK00
	LU02829	CIDBK00
	LU02813	CINSK00

CA RS Level	Service	FMID
	LU02808	CINSK00
	LU02800	CIDBK00
	LU02796	CPDTK00
	LU02785	CPDAK00
	LU02767	CPLAK00
	LU02762	CUGRK00
	LU02708	CIDBK00
	LU02706	CPDTK00
	LU02665	CRCQK00
	LU02661	CINSK00
	LU02646	CIDBK00
	LU02642	CIDBK00
	LU02641	CPFLK00
	LU02634	CIDBK00
	LU02633	COFSK00
	LU02614	CINSK00
	LU02609	CINSK00
	LU02597	CRCQK00
	LU02577	CPBAK00
	LU02516	CIDBK00
	LU02489	CINSK00
	LU02472	CINSK00
	LU02471	CINSK00
	LU02280	COFSK00
	LU02279	CINSK00
CAR2109	LU02564	CRCQK00
	LU02554	CPDTK00
	LU02529	CUGRK00
	LU02524	CPDTK00
	LU02493	CPPAK00
	LU02492	CINSK00
	LU02485	CPFLK00
	LU02470	CPFUK00
	LU02456	CPDAK00
	LU02455	CINSK00
	LU02440	CPFUK00
	LU02439	CIDBK00
	LU02437	COFSK00
	LU02436	CPPAK00
	LU02428	CIDBK00
	LU02420	CINSK00
	LU02387	COFSK00
	LU02385	CUGRK00
	LU02383	CINSK00
	LU02381	CPLAK00
	LU02363	CINSK00
	LU02345	CINSK00

CA RS Level	Service	FMID
	LU02340	CIDBK00
	LU02335	CPFUK00
	LU02325	CIDBK00
	LU02307	CUGRK00
	LU02303	CIDBK00
	LU02290	CPDTK00
	LU02286	CPDTK00
	LU02271	CPDTK00
	LU02258	CPFLK00
	LU02243	CPFLK00
	LU02242	CINSK00
	LU02231	CPUTK00
	LU02230	CPLAK00
	LU02229	CINSK00
	LU02212	CINSK00
	LU02166	CINSK00
	LU02119	CTGRK00
	LU02118	CIDBK00
	LU02116	CINSK00
	LU02095	CPDAK00
CAR2108	LU02220	CPDTK00
	LU02213	CPLAK00
	LU02211	CRCUK00
	LU02197	CINSK00
	LU02164	CINSK00
	LU02143	CUTSK00
	LU02142	CIDBK00
	LU02133	CPSAK00
	LU02132	CPDTK00
	LU02131	CINSK00
	LU02124	CINSK00
	LU02117	CINSK00
	LU02108	CPDTK00
	LU02096	CIDBK00
	LU02093	CIDBK00
	LU02062	CPLAK00
	LU02061	CINSK00
	LU02053	CINSK00
	LU02048	CUGRK00
	LU02033	CIDBK00
	LU02031	CIDBK00
	LU02030	CRCQK00
	LU02029	CINSK00
	LU02008	CPFLK00
	LU02007	CPUTK00
	LU02006	CPFUK00
	LU02005	CINSK00

CA RS Level	Service	FMID
	LU01999	CINSK00
	LU01998	CUGRK00
	LU01997	CTGRK00
	LU01996	CRCXK00
	LU01995	CRCUK00
	LU01994	CRC SK00
	LU01993	CRCQK00
	LU01992	CPXNK00
	LU01991	CPUTK00
	LU01990	CPSAK00
	LU01989	CPRRK00
	LU01988	CPRFK00
	LU01987	CPRAK00
	LU01986	CPPAK00
	LU01985	CPLAK00
	LU01984	CPFUK00
	LU01983	CPFLK00
	LU01982	CPDTK00
	LU01981	CPDAK00
	LU01980	CPBAK00
	LU01979	COFSK00
	LU01978	CINSK00
	LU01977	CIDBK00
	LU01975	CAHOK00
	LU01958	CINSK00
	LU01950	CPLAK00
	LU01949	CINSK00
	LU01944	CRCXK00
	LU01939	CPFUK00
	LU01937	COFSK00
	LU01936	CUGRK00
	LU01934	CINSK00
	LU01933	CPDTK00
	LU01930	CPUTK00
	LU01927	CINSK00
	LU01922	CINSK00
	LU01845	CIDBK00
	LU01832	COFSK00
	LU01784	CINSK00
	LU01290	CINSK00
CAR2107	LU01893	CUGRK00
	LU01892	CPPAK00
	LU01891	CINSK00
	LU01869	CPLAK00
	LU01860	CPDAK00
	LU01841	CPDTK00
	LU01837	CINSK00

CA RS Level	Service	FMID
	LU01829	CIDBK00
	LU01799	CPDTK00
	LU01760	CINSK00
	LU01757	CINSK00
	LU01750	CIDBK00
	LU01732	CPSAK00
	LU01727	CPFUK00
	LU01720	CPFLK00
	LU01717	CUGRK00
	LU01706	CRCQK00
	LU01705	CINSK00
	LU01696	CINSK00
	LU01695	CPRAK00
	LU01694	CINSK00
	LU01683	CINSK00
	LU01673	CINSK00
	LU01666	CIDBK00
	LU01648	CINSK00
	LU01626	CPDAK00
	LU01625	CINSK00
	LU01610	CINSK00
	LU01581	CIDBK00
	LU01575	CINSK00
	LU01556	CIDBK00
	LU01551	CPPAK00
	LU01550	CINSK00
	LU01543	CPSAK00
	LU01542	CPDTK00
	LU01541	CIDBK00
	LU01538	CPLAK00
	LU01534	CUGRK00
	LU01526	CINSK00
	LU01525	CIDBK00
	LU01513	CIDBK00
	LU01508	CINSK00
	LU01405	CINSK00
	LU01362	CINSK00
	LU01357	CINSK00
CAR2106	LU01494	CINSK00
	LU01467	CPDTK00
	LU01432	CSQ2100
	LU01415	CPLAK00
	LU01410	CRCQK00
	LU01396	CPDTK00
	LU01393	CPDTK00
	LU01385	CPLAK00
	LU01384	CINSK00

CA RS Level	Service	FMID
	LU01380	CPUTK00
	LU01379	CPFLK00
	LU01378	CINSK00
	LU01376	CINSK00
	LU01367	CINSK00
	LU01352	CPUTK00
	LU01351	CPRRK00
	LU01350	CPFUK00
	LU01349	CPFLK00
	LU01338	CPDAK00
	LU01330	CRCQK00
	LU01321	CPRFK00
	LU01311	CPFUK00
	LU01293	CIDBK00
	LU01292	CUGRK00
	LU01291	CPUTK00
	LU01286	CINSK00
	LU01275	CINSK00
	LU01265	CINSK00
	LU01222	COFSK00
	LU01215	CPDTK00
	LU01208	CRCQK00
	LU01182	CUGRK00
	LU01181	CPRAK00
	LU01180	CPLAK00
	LU01179	COFSK00
	LU01178	CINSK00
	LU01175	CIDBK00
	LU01166	CIDBK00
	LU01165	CPFUK00
	LU01164	CIDBK00
	LU01151	CINSK00
	LU01135	CUGRK00
	LU01127	CUGRK00
	LU01122	COFSK00
	LU01121	CINSK00
	LU01118	CINSK00
	LU01107	COFSK00
	LU01106	CINSK00
	LU01102	CPRFK00
	LU01089	CPDAK00
	LU01043	CPLAK00
	LU00983	CPFLK00
CAR2105	LU01126	CPDAK00
	LU01100	CIDBK00
	LU01068	CPPAK00
	LU01056	CINSK00

CA RS Level	Service	FMID
	LU01053	COFSK00
	LU01042	CIDBK00
	LU01041	CIDBK00
	LU01040	CPLAK00
	LU01039	CINSK00
	LU01035	CIDBK00
	LU01030	CIDBK00
	LU01002	CPDTK00
	LU00989	CINSK00
	LU00982	CIDBK00
	LU00973	CUGRK00
	LU00968	CINSK00
	LU00964	CIDBK00
	LU00940	CPLAK00
	LU00938	CPDTK00
	LU00937	CINSK00
	LU00925	CINSK00
	LU00923	CPUTK00
	LU00921	CINSK00
	LU00914	CINSK00
	LU00903	CPLAK00
	LU00891	CPDAK00
	LU00890	CINSK00
	LU00887	CPUTK00
	LU00886	CPFUK00
	LU00882	CPLAK00
	LU00881	CIDBK00
	LU00863	CPFUK00
	LU00859	CPSAK00
	LU00858	CPDTK00
	LU00847	CINSK00
	LU00839	CINSK00
	LU00795	CUGRK00
	LU00794	CINSK00
	LU00769	CRCXK00
	LU00768	CPDTK00
	LU00759	CPLAK00
	LU00698	CINSK00
	LU00697	CIDBK00
	LU00678	CINSK00
	LU00592	CINSK00
	LU00581	CPRFK00
CAR2104	LU00728	CUGRK00
	LU00727	CPUTK00
	LU00726	CPRRK00
	LU00725	CPLAK00
	LU00724	CPFLK00

CA RS Level	Service	FMID
	LU00723	CINSK00
	LU00689	CUGRK00
	LU00684	CPDTK00
	LU00672	CPLAK00
	LU00659	CSQ2100
	LU00646	CPPAK00
	LU00645	CPBAK00
	LU00644	COFSK00
	LU00643	CINSK00
	LU00639	CINSK00
	LU00635	CPDAK00
	LU00613	CINSK00
	LU00597	CPLAK00
	LU00576	CPSAK00
	LU00568	CINSK00
	LU00565	CSQ2100
	LU00549	CPDTK00
	LU00545	CIDBK00
	LU00532	CRCQK00
	LU00531	COFSK00
	LU00530	CINSK00
	LU00524	CPDTK00
	LU00523	CINSK00
	LU00511	CRCUK00
	LU00510	CINSK00
	LU00509	CINSK00
	LU00508	CINSK00
	LU00500	CPSAK00
	LU00480	CPLAK00
	LU00475	CPDAK00
	LU00452	CPRRK00
	LU00450	CRCXK00
	LU00449	CRCUK00
	LU00448	CRCMK00
	LU00447	CPFUK00
	LU00446	CINSK00
	LU00440	CPPAK00
	LU00439	CPBAK00
	LU00438	CINSK00
	LU00437	CPUTK00
	LU00436	CPFLK00
	LU00435	CINSK00
	LU00434	CIDBK00
	LU00433	CRCUK00
	LU00432	CINSK00
	LU00427	CIDBK00
	LU00426	CINSK00

CA RS Level	Service	FMID
	LU00413	CRCQK00
	LU00412	CINSK00
	LU00411	CRCXK00
	LU00402	CPDTK00
	LU00400	CPRFK00
	LU00399	CINSK00
	LU00381	CPDAK00
	LU00368	CINSK00
	LU00359	CINSK00
	LU00342	CRCXK00
	LU00341	CRCUK00
	LU00340	CRCSK00
	LU00339	CRCQK00
	LU00338	CRCMK00
	LU00337	CPUTK00
	LU00336	CPRAK00
	LU00335	CPLAK00
	LU00334	CPDTK00
	LU00333	CPDAK00
	LU00332	CINSK00
	LU00331	CIDBK00
	LU00330	CAHOK00
	LU00314	CPDAK00
	LU00304	CPUTK00
	LU00303	CPRRK00
	LU00302	CPFUK00
	LU00301	CPFLK00
	LU00299	CIDBK00
	LU00283	CINSK00
	LU00277	CINSK00
	LU00275	CUGRK00
	LU00177	CPUTK00
CAR2103	S016295	CIDBK00
	S015817	CUGRK00
	S014357	CIDBK00
	S013729	CRCQK00
	LU00356	CPLAK00
	LU00329	CPDTK00
	LU00282	CIDBK00
	LU00281	CPFUK00
	LU00257	CPDAK00
	LU00256	CPDAK00
	LU00254	CINSK00
	LU00253	CIDBK00
	LU00250	CPRFK00
	LU00248	CPUTK00
	LU00247	CPFLK00

CA RS Level	Service	FMID
	LU00246	CIDBK00
	LU00242	CINSK00
	LU00240	CPDTK00
	LU00238	CPLAK00
	LU00237	CINSK00
	LU00227	CINSK00
	LU00217	CPFUK00
	LU00216	CINSK00
	LU00207	CPRFK00
	LU00194	CPUTK00
	LU00178	CPFLK00
	LU00176	CPDTK00
	LU00165	CPLAK00
	LU00162	CINSK00
	LU00159	CIDBK00
	LU00152	CUGRK00
	LU00147	CRCQK00
	LU00146	CPDAK00
	LU00145	CINSK00
	LU00141	CUGRK00
	LU00140	CPUTK00
	LU00139	CPRRK00
	LU00138	CPLAK00
	LU00137	CPFUK00
	LU00136	CPFLK00
	LU00135	CINSK00
	LU00134	CIDBK00
	LU00133	CPUTK00
	LU00132	CPLAK00
	LU00131	CINSK00
	LU00127	CINSK00
	LU00124	CPDTK00
	LU00123	CINSK00
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	S016217	CPUTK00
	S016206	CPDAK00
	S016205	CINSK00
	S016200	CIDBK00
	S016195	CPFUK00
	S016194	CINSK00
	S016183	CINSK00

CA RS Level	Service	FMID
	S016181	CUGRK00
	S016176	CINSK00
	S016175	CPSAK00
	S016174	CPDTK00
	S016173	CINSK00
	S016165	CPRFK00
	S016160	CPRRK00
	S016149	CPRFK00
	S016133	COFSK00
	S016132	CINSK00
	S016116	CIDBK00
	S016113	CPDTK00
	S016107	CIDBK00
	S016090	CPUTK00
	S016089	CPFLK00
	S016088	CINSK00
	S016075	CPLAK00
	S016071	CRCQK00
	S016067	CINSK00
	S016057	CIDBK00
	S016053	CINSK00
	S016046	CIDBK00
	S016045	CINSK00
	S015980	CINSK00
	S015952	CIDBK00
	S015864	CINSK00
CAR2101	S016040	CINSK00
	S016032	CINSK00
	S016031	CINSK00
	S016024	CINSK00
	S016001	CINSK00
	S015998	CINSK00
	S015939	CPUTK00
	S015938	CPFLK00
	S015937	CINSK00
	S015935	CPSAK00
	S015931	CIDBK00
	S015927	CPDTK00
	S015913	CIDBK00
	S015908	CINSK00
	S015895	CPLAK00
	S015868	CINSK00
	S015867	CINSK00
	S015863	CINSK00
	S015843	CPDTK00
	S015816	CRCQK00
	S015807	CRCXK00

CA RS Level	Service	FMID
	S015806	CRCUK00
	S015805	CPFUK00
	S015804	CINSK00
	S015789	CINSK00
	S015775	CPRFK00
	S015774	CPRFK00
	S015770	CINSK00
	S015761	CIDBK00
	S015760	CINSK00
	S015711	CUGRK00
	S015710	CPUTK00
	S015709	CINSK00
CAR2012	S015771	CPFLK00
	S015767	CPFUK00
	S015740	CPUTK00
	S015739	CPRRK00
	S015738	CPFLK00
	S015723	CPDTK00
	S015697	CRCQK00
	S015691	CPPAK00
	S015690	CINSK00
	S015652	CPUTK00
	S015650	COFSK00
	S015647	CIDBK00
	S015613	CINSK00
	S015609	CUGRK00
	S015585	CPRRK00
	S015573	CPDTK00
	S015541	CPUTK00
	S015531	CPLAK00
	S015506	CINSK00
	S015499	CPDTK00
	S015487	CUGRK00
	S015486	CPUTK00
	S015485	CPRRK00
	S015484	CPFLK00
	S015483	CPDAK00
	S015482	CINSK00
	S015480	CUTSK00
	S015457	CPUTK00
	S015456	CPLAK00
	S015455	CINSK00
	S015450	CRCQK00
	S015449	CINSK00
	S015444	CINSK00
	S015440	COFSK00
	S015395	CPDTK00

CA RS Level	Service	FMID
	S015394	CINSK00
	S015193	CINSK00
CAR2011	S015314	CPUTK00
	S015313	CPRRK00
	S015312	CPFLK00
	S015311	CINSK00
	S015308	CUGRK00
	S015271	CPUTK00
	S015255	CPRFK00
	S015254	CIDBK00
	S015238	CPUTK00
	S015237	CPRRK00
	S015236	CPFUK00
	S015235	CPFLK00
	S015225	COFSK00
	S015220	CPLAK00
	S015215	CINSK00
	S015205	CINSK00
	S015199	CPDTK00
	S015191	CRCMK00
	S015184	CSQ2100
	S015174	CPUTK00
	S015132	CINSK00
	S015130	CPDAK00
	S015129	CINSK00
	S015124	CPRRK00
	S015122	CINSK00
	S015094	CPSAK00
	S015086	CPFUK00
	S015075	CINSK00
	S015074	CPUTK00
	S015073	CPDTK00
	S015072	CINSK00
	S015070	CIDBK00
	S015064	CPLAK00
	S015062	COFSK00
	S015061	CINSK00
	S015049	CIDBK00
	S015045	CINSK00
	S015031	CINSK00
	S015015	CPFLK00
	S015004	CINSK00
CAR2010	S014984	CPFUK00
	S014949	CPLAK00
	S014923	CIDBK00
	S014902	CPPAK00
	S014901	CINSK00

CA RS Level	Service	FMID
	S014899	CINSK00
	S014883	CIDBK00
	S014876	CINSK00
	S014874	CINSK00
	S014866	CPLAK00
	S014865	CINSK00
	S014864	CIDBK00
	S014863	CUGRK00
	S014861	CPSAK00
	S014860	CPDTK00
	S014859	CINSK00
	S014853	CIDBK00
	S014843	CIDBK00
	S014842	CPRFK00
	S014836	CPBAK00
	S014835	CINSK00
	S014833	CRCUK00
	S014832	CINSK00
	S014827	CINSK00
	S014782	CPDTK00
	S014773	CPUTK00
	S014772	CPFLK00
	S014771	CINSK00
	S014756	CINSK00
	S014754	CIDBK00
	S014732	CPDAK00
	S014731	CINSK00
	S014721	CINSK00
	S014716	CINSK00
	S014694	CPFLK00
	S014681	CPSAK00
	S014680	CPDTK00
	S014675	CPRFK00
	S014655	COFSK00
	S014642	CIDBK00
CAR2009	S014641	CUGRK00
	S014640	CPRRK00
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	S014623	CINSK00
	S014615	CINSK00
	S014613	CPLAK00
	S014583	CINSK00
	S014570	COFSK00
	S014568	CUGRK00
	S014567	CPUTK00

CA RS Level	Service	FMID
	S014566	CINSK00
	S014565	CPDAK00
	S014531	CIDBK00
	S014502	CPUTK00
	S014501	CPFUK00
	S014500	CINSK00
	S014491	CINSK00
	S014483	CUGRK00
	S014452	CPLAK00
	S014433	CPFLK00
	S014428	CPUTK00
	S014427	CPFLK00
	S014426	CRCQK00
	S014404	CPRFK00
	S014401	CINSK00
	S014400	CPPAK00
	S014397	CPDTK00
	S014383	CPUTK00
	S014382	CPFUK00
	S014381	CINSK00
	S014338	CPDTK00
	S014335	CRCQK00
	S014310	CUTSK00
	S014307	CRCQK00
	S014299	CPDTK00
	S014298	CINSK00
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	S014254	CIDBK00
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	S013888	CINSK00
CAR2008	S014252	CPFLK00
	S014235	CPDTK00
	S014173	CINSK00
	S014168	CINSK00
	S014164	CIDBK00
	S014142	CPLAK00

CA RS Level	Service	FMID
	S014137	CPLAK00
	S014101	CRCQK00
	S014099	CIDBK00
	S014093	CIDBK00
	S014054	CPUTK00
	S014053	CPFUK00
	S014052	CINSK00
	S014036	CUGRK00
	S014035	CPUTK00
	S014034	CPRRK00
	S014033	CPLAK00
	S014032	CPFUK00
	S014031	CPFLK00
	S014030	CPDAK00
	S014029	CINSK00
	S014025	CPFLK00
	S014016	CIDBK00
	S013990	COFSK00
	S013988	CPPAK00
	S013987	CPDTK00
	S013986	CPDAK00
	S013985	CINSK00
	S013982	CSQ2100
	S013974	CINSK00
	S013973	CINSK00
	S013961	CPUTK00
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	S013887	CPDTK00
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	S013825	CIDBK00
	S013814	CINSK00
	S013807	CINSK00
	S013794	CINSK00
	S013781	COFSK00
	S013768	CUGRK00
	S013767	CPUTK00

CA RS Level	Service	FMID
	S013766	CPFUK00
	S013765	CPFLK00
	S013764	CINSK00
	S013758	COFSK00
	S013726	CINSK00
	S013711	CINSK00
	S013709	CPUTK00
	S013708	CPRRK00
	S013707	CPFUK00
	S013706	CPFLK00
	S013574	CINSK00
CAR2007	S013761	CPDTK00
	S013730	CPRFK00
	S013718	CPLAK00
	S013717	CINSK00
	S013686	CUGRK00
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	S013682	CINSK00
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	S013453	CINSK00
	S013450	CPDTK00
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00
	S013340	CINSK00

CA RS Level	Service	FMID
	S013273	CINSK00
	S012794	CINSK00
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00
	S013234	CPLAK00
	S013230	CINSK00
	S013229	CINSK00
	S013224	CPLAK00
	S013213	CINSK00
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	S013203	CPFLK00
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00

CA RS Level	Service	FMID
	S012999	CINSK00
	S012994	CINSK00
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	S012937	CRCXK00
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00

CA RS Level	Service	FMID
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCSK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00
	S012277	CPRRK00

CA RS Level	Service	FMID
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00

CA RS Level	Service	FMID
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00
	S011675	CIDBK00

CA RS Level	Service	FMID
CAR2002	S011810	CPPAK00
	S011809	CPLAK00
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	S011693	CIDBK00
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00

CA RS Level	Service	FMID
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	S011323	CUGRK00
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00

CA RS Level	Service	FMID
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00

CA RS Level	Service	FMID
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00

CA RS Level	Service	FMID
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCSK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	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

CA RS Level	Service	FMID
	S009128	COFSK00
	S009126	CINSK00
	S009125	CINSK00
	S009110	CRCXK00
	S009109	CRCUK00
	S009108	CPLAK00
	S009107	CPFUK00
	S009106	COFSK00
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	S009083	CPLAK00
	S009068	CIDBK00
	S009065	CPDTK00
	S009055	CIDBK00
	S009054	CIDBK00
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	S008766	CINSK00
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00

CA RS Level	Service	FMID
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	S008750	CINSK00
	S008728	CIDBK00
	S008684	CINSK00
	S008668	CUGRK00
	S008667	CPUTK00
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	S008644	CINSK00
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00

CA RS Level	Service	FMID
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00

CA RS Level	Service	FMID
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00
	S007856	CINSK00
CAR1904	S007826	CUGRK00
	S007825	CTGRK00
	S007824	CRCUK00
	S007823	CRCCK00
	S007822	CRCQK00
	S007821	CRCMK00
	S007820	CPUTK00
	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

CA RS Level	Service	FMID
	S007379	CINSK00
	S007369	CRCUK00
	S007323	CINSK00
	S007204	CPSAK00
CAR1902	S007167	CINSK00
	S006978	CINSK00
	S006977	CIDBK00
	S006879	CUGRK00
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCSK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00
	S006128	CRCQK00

CA RS Level	Service	FMID
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00

CA RS Level	Service	FMID
	S004855	CINSK00
	S004799	CUGRK00
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00
	S004756	CINSK00
CAR1808	S004720	CRCUK00
	S004719	CRCMK00
	S004718	CINSK00
	S004475	CUGRK00
	S004474	CTGRK00
	S004473	CRCXK00
	S004472	CRCUK00
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	S004468	CPSAK00
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00

CA RS Level	Service	FMID
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCSK00
	S001641	CPLAK00
CAR1805	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00

CA RS Level	Service	FMID
	S001404	CPPAK00
	S001403	CPLAK00
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00
	S000977	CSQ2100
	S000975	CPLAK00
	S000894	CUGRK00
	S000893	CPUTK00
	S000871	CPSAK00
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	S000846	CPRRK00
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00

CA RS Level	Service	FMID
	S000017	CPDAK00
	S000016	CINSK00
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100
CAR1801	R099853	CRCXK00
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRCCK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	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

CA RS Level	Service	FMID
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRCSK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	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

CA RS Level	Service	FMID
CAR1706	R096169	CPSAK00
	R096168	CPDTK00
	R096167	CINSK00
	R096162	CPDAK00
	R096102	CSQ2100
	R096005	CUTSK00
	R096002	CUGRK00
	R095972	CUTSK00
	R095918	CUTSK00