

DB2 Tools 20.0
CA RS 2206 Service List

1

Service	Description	Type
LU05444	UNABLE TO READ AN ENCRYPTED ACTIVE LOG IN ONLINE MODE	PTF
LU05562	STORAGE LEAK AFTER REQUEST FOR EXCEPTION DATA FAILS	PTF
LU05577	DML REPORT WITH DDL FILE MAP FAILS WITH THE MESSAGE LAE0045E	PTF
LU05596	PLAN ANALYZER LICENSE PROCESSING	PTF
LU05597	PLAN ANALYZER LICENSE PROCESSING	PTF
LU05628	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
LU05629	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
LU05630	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
LU05631	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
LU05632	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
LU05633	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
LU05634	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
LU05635	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
LU05685	DUPLICATE RECORDS WHEN CONCATENATING UNLOADED HISTORY DATA	PTF
LU05701	NEW VIEWS ARE NOT IN PARENT/CHILD ORDER ON GROUP ICL WITH GC	PTF
LU05717	EXCESSIVE PXM4551 MESSAGES	PTF
LU05732	DISASTER RECOVERY ABEND SOC4 IN MODULE PRL#MDBC	PTF
LU05734	DDL REDO/UNDO ALTER TABLE IMPROVEMENTS	PTF
LU05739	DROPONLY PROCESSING NOT RESTRICTED TO DROPS	PTF
LU05747	REPLACE U241 WITH PFU0701E / PFU0125E WITH NEGATIVE DBID	PTF
LU05749	INCORRECTLY REPORTED SIMULATED BUFFER POOL STATISTICS	PTF
LU05761	SUBSYSTEM ANALYZER LICENSE PROCESSING	PTF
LU05764	SOC3 ABEND WHEN THE TARGET IS V12(CM)	PTF
LU05767	ABEND SOC1 NSIGHTPR CSECT NDREFORC+2D0 WHEN LOW ON STORAGE	PTF
LU05775	DDL00274 ISSUED WHEN SYNTAX CHECKING VIEWS WITH OBJVER(Y)	PTF
LU05788	EXCESSIVE NUMBER OF DBG72037E MESSAGES BEING ISSUED	PTF
LU05790	CATALOG TABLE DIRECTORY SERVICE TO SUPPORT DB2 13 V13R1M501	PTF
LU05794	QUICK MIGRATE AND READGCS ABEND SOC1	** PRP **
LU05796	DETECTOR LICENSE PROCESSING	PTF
LU05797	SUPPORT DB2 V13 CATALOG CHANGES IN RC/QUERY	PTF
LU05798	SUPPORT DB2 V13 CATALOG CHANGES IN RC/QUERY	PTF
LU05806	OFS IS NOT GENERATING THE V12 CLAUSES ON V13 SUBSYSTEMS	PTF
LU05816	PFR MAY CORRUPT DB2 VSAM FOR PBR2 OBJECT	** PRP **
LU05823	ENHANCE LOOP AND ABEND PREVENTION/DETECTION	PTF
LU05836	RC/SECURE NOT REMOVING AUTHORITIES FROM GLOBAL TEMP TABLES	PTF
LU05850	PFR0057E DURING RECOVER PART CREATED BY DML FOR PBG TS	PTF
LU05851	INCORRECT VALUE FOR LARGE VALUE FOR DECLARED IQL FIELDS	PTF
LU05857	ACCUMULATE TS ENDS WITH SOC4 FOR FUTURE DB2 RELEASES	PTF
LU05865	ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG	PTF
LU05866	ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG	PTF
LU05867	ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG	PTF
LU05868	ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG	PTF
LU05869	ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG	PTF
LU05873	DDL UPDATE FOR UNLOAD SQL_CALLS COLUMN	PTF
LU05875	MEMORY DUMP TAKEN WHILE VALIDATING DB2 EXECUTION BLOCK(EB)	PTF
LU05876	DDL FOR SYNONYM NOT GENERATED. ERROR MESSAGE RCO0013E ISSUED	PTF
LU05879	SYSVIEW/DB2 PREFERRED USER TASK IN PERMANENT WAIT	PTF

DB2 Tools 20.0
CA RS 2206 Service List

2

Service	Description	Type
LU05880	STOP-ONERROR ACCEPTS 1-128/UNLOAD CONTINUE FAILS PFL0019E	PTF
LU05881	SB78-28 WHEN UNLOADING FROM VERSIONED OBJECT	PTF
LU05883	PTLVREX SOC4 OR UTLGLIOE SOC1/U0100/RBDP SET INCORRECTLY	PTF
LU05884	PTLVREX SOC4 OR UTLGLIOE SOC1/U0100/RBDP SET INCORRECTLY	PTF
LU05886	ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY	PTF
LU05887	ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY	PTF
LU05888	ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY	PTF
LU05889	ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY	PTF
LU05900	MODIFY SYSLGRNX SUPPORT FOR FUTURE DB2 RELEASES	PTF
LU05913	SOC4 ABEND IN PFR DURING SORT WITH MOSIZE GREATER THAN ZERO	PTF
LU05931	INFRASTRUCTURE FOR THE MEDIA MANAGER INTERFACE	PTF
LU05954	INCORRECT LRSN VALUE IN THE DML REPORT URID HEADER	PTF
LU05967	NEW DB2 DEVOPS REST API REQUESTS AND ZOWE CLI INTEGRATION	PTF
LU05971	SELECT STATEMENT FAILURES WRITTEN TO THE PTISELDD DATASET	** PRP **
LU05973	ISPF FAILURE SPECIFYING DDL REPORT OPTIONS FOR A STRATEGY	PTF
LU05976	UTILIZE QWOSREAL TO SHOW CORRECT LPAR REAL STORAGE VALUE	PTF
LU05984	PACKAGE OBJECT DEPENDENCIES MISSING IN V12R1M505+ SYSTEMS	PTF
LU05987	SOURCE DEFINITION IS NOT DELETED	PTF
LU05993	ISPF FAILURE SPECIFYING DDL REPORT OPTIONS FOR A STRATEGY	PTF
LU05994	ABEND SC03 IN BATCH UI WHEN IMPORT OR REINIT FUNCTION USED	PTF
LU05995	Continuous Delivery Level Set 20.0.04	PTF
LU05997	DETECTOR SQL TRACE OPTION 3 VIEW/TERM U0113 ABEND	PTF
LU05998	DETECTOR SQL TRACE OPTION 3 VIEW/TERM U0113 ABEND	PTF
LU05999	ENHANCE THE PROCESSING OF ACTIVE THREADS	PTF
LU06000	PFR PBR2 BY PART PROCESSING MAY NOT WORK WITH COMBINED LOGIC	** PRP **
LU06033	LOOP IN NGRABP2 COLLECTING THREAD-STATS AT Z/OS 2.5	*HIP/PRP*
LU06034	PFR THROWS PFR0446E WHEN TS IS PLACED AFTER INDEX IN SYNTAX	PTF
LU06045	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
LU06046	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
LU06047	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
LU06048	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
LU06049	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
LU06050	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
LU06073	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
LU06074	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
LU06077	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501	PTF
LU06078	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501	PTF
LU06079	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501	PTF
LU06080	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501	PTF
LU06081	FIX POST-INSTALL BIND PACKAGE RELATED ISSUES	PTF
LU06082	FIX POST-INSTALL BIND PACKAGE RELATED ISSUES	PTF
LU06083	FIX POST-INSTALL BIND PACKAGE RELATED ISSUES	PTF
LU06084	FIX POST-INSTALL BIND PACKAGE RELATED ISSUES	PTF
LU06085	FIX POST-INSTALL BIND PACKAGE RELATED ISSUES	PTF
LU06086	FIX POST-INSTALL BIND PACKAGE RELATED ISSUES	PTF
LU06087	FIX POST-INSTALL BIND PACKAGE RELATED ISSUES	PTF
LU06100	SUPPORT DB2 13 FIELDS FOR SQL DATA INSIGHTS FUNCTIONS	PTF

DB2 Tools 20.0
CA RS 2206 Service List

3

Service	Description	Type
LU06107	INCREASE THE MAXIMUM VALUE FOR ZPARM DSMAX TO 400000	PTF
The CA RS 2206 service count for this release is 95		

DB2 Tools
CA RS 2206 Service List for CAHOK00

FMID	Service	Description	Type
CAHOK00	LU05628	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
The CA RS 2206 service count for this FMID is 1			

DB2 Tools
CA RS 2206 Service List for CIDBK00

5

FMID	Service	Description	Type
CIDBK00	LU05685	DUPLICATE RECORDS WHEN CONCATENATING UNLOADED HISTORY DATA	PTF
	LU05749	INCORRECTLY REPORTED SIMULATED BUFFER POOL STATISTICS	PTF
	LU05767	ABEND SOC1 NSIGHTPR CSECT NDREFORC+2D0 WHEN LOW ON STORAGE	PTF
	LU05788	EXCESSIVE NUMBER OF DBG72037E MESSAGES BEING ISSUED	PTF
	LU05851	INCORRECT VALUE FOR LARGE VALUE FOR DECLARED IQL FIELDS	PTF
	LU05879	SYSVIEW/DB2 PREFERRED USER TASK IN PERMANENT WAIT	PTF
	LU05976	UTILIZE QWOSREAL TO SHOW CORRECT LPAR REAL STORAGE VALUE	PTF
	LU05994	ABEND SC03 IN BATCH UI WHEN IMPORT OR REINIT FUNCTION USED	PTF
	LU05999	ENHANCE THE PROCESSING OF ACTIVE THREADS	PTF
	LU06033	LOOP IN NGRABP2 COLLECTING THREAD-STATS AT Z/OS 2.5	*HIP/PRP*
	LU06045	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
	LU06100	SUPPORT DB2 13 FIELDS FOR SQL DATA INSIGHTS FUNCTIONS	PTF
The CA RS 2206 service count for this FMID is 12			

DB2 Tools
CA RS 2206 Service List for CINSK00

6

FMID	Service	Description	Type
CINSK00	LU05444	UNABLE TO READ AN ENCRYPTED ACTIVE LOG IN ONLINE MODE	PTF
	LU05596	PLAN ANALYZER LICENSE PROCESSING	PTF
	LU05629	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
	LU05701	NEW VIEWS ARE NOT IN PARENT/CHILD ORDER ON GROUP ICL WITH GC	PTF
	LU05717	EXCESSIVE PXM4551 MESSAGES	PTF
	LU05739	DROPONLY PROCESSING NOT RESTRICTED TO DROPS	PTF
	LU05764	SOC3 ABEND WHEN THE TARGET IS V12(CM)	PTF
	LU05775	DDL00274 ISSUED WHEN SYNTAX CHECKING VIEWS WITH OBJVER(Y)	PTF
	LU05790	CATALOG TABLE DIRECTORY SERVICE TO SUPPORT DB2 13 V13R1M501	PTF
	LU05794	QUICK MIGRATE AND READGCS ABEND SOC1	** PRP **
	LU05798	SUPPORT DB2 V13 CATALOG CHANGES IN RC/QUERY	PTF
	LU05865	ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG	PTF
	LU05876	DDL FOR SYNONYM NOT GENERATED. ERROR MESSAGE RCO0013E ISSUED	PTF
	LU05886	ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY	PTF
	LU05931	INFRASTRUCTURE FOR THE MEDIA MANAGER INTERFACE	PTF
	LU05967	NEW DB2 DEVOPS REST API REQUESTS AND ZOWE CLI INTEGRATION	PTF
	LU05971	SELECT STATEMENT FAILURES WRITTEN TO THE PTISELDD DATASET	** PRP **
	LU05993	ISPF FAILURE SPECIFYING DDL REPORT OPTIONS FOR A STRATEGY	PTF
	LU05995	Continuous Delivery Level Set 20.0.04	PTF
	LU05997	DETECTOR SQL TRACE OPTION 3 VIEW/TERM U0113 ABEND	PTF
	LU06046	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
	LU06073	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
	LU06081	FIX POST-INSTALL BIND PACKAGE RELATED ISSUES	PTF
	LU06107	INCREASE THE MAXIMUM VALUE FOR ZPARM DSMAX TO 400000	PTF
The CA RS 2206 service count for this FMID is 24			

DB2 Tools
CA RS 2206 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	LU05806	OFS IS NOT GENERATING THE V12 CLAUSES ON V13 SUBSYSTEMS	PTF
	LU06047	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
The CA RS 2206 service count for this FMID is 2			

DB2 Tools
CA RS 2206 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	LU06082	FIX POST-INSTALL BIND PACKAGE RELATED ISSUES	PTF
The CA RS 2206 service count for this FMID is 1			

DB2 Tools
CA RS 2206 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	LU05562	STORAGE LEAK AFTER REQUEST FOR EXCEPTION DATA FAILS	PTF
	LU05796	DETECTOR LICENSE PROCESSING	PTF
	LU05823	ENHANCE LOOP AND ABEND PREVENTION/DETECTION	PTF
	LU05873	DDL UPDATE FOR UNLOAD SQL_CALLS COLUMN	PTF
	LU05875	MEMORY DUMP TAKEN WHILE VALIDATING DB2 EXECUTION BLOCK(EB)	PTF
	LU05998	DETECTOR SQL TRACE OPTION 3 VIEW/TERM U0113 ABEND	PTF
	LU06048	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
The CA RS 2206 service count for this FMID is 7			

DB2 Tools
CA RS 2206 Service List for CPFLK00

FMID	Service	Description	Type
CPFLK00	LU05866	ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG	PTF
	LU05880	STOP-ONERROR ACCEPTS 1-128/UNLOAD CONTINUE FAILS PFL0019E	PTF
	LU05883	PTLVREX SOC4 OR UTLGLIOE SOC1/U0100/RBDP SET INCORRECTLY	PTF
	LU06077	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501	PTF
The CA RS 2206 service count for this FMID is 4			

DB2 Tools
CA RS 2206 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	LU05630	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
	LU05747	REPLACE U241 WITH PFU0701E / PFU0125E WITH NEGATIVE DBID	PTF
	LU05881	SB78-28 WHEN UNLOADING FROM VERSIONED OBJECT	PTF
	LU05887	ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY	PTF
	LU06078	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501	PTF
	LU06083	FIX POST-INSTALL BIND PACKAGE RELATED ISSUES	PTF
The CA RS 2206 service count for this FMID is 6			

DB2 Tools
CA RS 2206 Service List for CPLAK00

12

FMID	Service	Description	Type
CPLAK00	LU05577	DML REPORT WITH DDL FILE MAP FAILS WITH THE MESSAGE LAE0045E	PTF
	LU05734	DDL REDO/UNDO ALTER TABLE IMPROVEMENTS	PTF
	LU05954	INCORRECT LRSN VALUE IN THE DML REPORT URID HEADER	PTF
	LU05973	ISPF FAILURE SPECIFYING DDL REPORT OPTIONS FOR A STRATEGY	PTF
	LU06084	FIX POST-INSTALL BIND PACKAGE RELATED ISSUES	PTF
The CA RS 2206 service count for this FMID is 5			

DB2 Tools
CA RS 2206 Service List for CPPAK00

FMID	Service	Description	Type
CPPAK00	LU05597	PLAN ANALYZER LICENSE PROCESSING	PTF
	LU05984	PACKAGE OBJECT DEPENDENCIES MISSING IN V12R1M505+ SYSTEMS	PTF
The CA RS 2206 service count for this FMID is 2			

DB2 Tools
CA RS 2206 Service List for CPRAK00

14

FMID	Service	Description	Type
CPRAK00	LU05732	DISASTER RECOVERY ABEND SOC4 IN MODULE PRL#MDBC	PTF
The CA RS 2206 service count for this FMID is 1			

DB2 Tools
CA RS 2206 Service List for CPRFK00

15

FMID	Service	Description	Type
CPRFK00	LU06085	FIX POST-INSTALL BIND PACKAGE RELATED ISSUES	PTF
The CA RS 2206 service count for this FMID is 1			

DB2 Tools
CA RS 2206 Service List for CPRRK00

FMID	Service	Description	Type
CPRRK00	LU05867	ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG	PTF
	LU06079	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501	PTF
The CA RS 2206 service count for this FMID is 2			

DB2 Tools
CA RS 2206 Service List for CPSAK00

FMID	Service	Description	Type
CPSAK00	LU05761	SUBSYSTEM ANALYZER LICENSE PROCESSING	PTF
	LU06049	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
	LU06074	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
The CA RS 2206 service count for this FMID is 3			

DB2 Tools
CA RS 2206 Service List for CPUTK00

FMID	Service	Description	Type
CPUTK00	LU05868	ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG	PTF
	LU05884	PTLVREX SOC4 OR UTLGLIOE SOC1/U0100/RBDP SET INCORRECTLY	PTF
	LU06050	ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2	PTF
	LU06080	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501	PTF
	LU06086	FIX POST-INSTALL BIND PACKAGE RELATED ISSUES	PTF
The CA RS 2206 service count for this FMID is 5			

FMID	Service	Description	Type
CRCMK00	LU05631	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
The CA RS 2206 service count for this FMID is 1			

DB2 Tools
CA RS 2206 Service List for CRCQK00

FMID	Service	Description	Type
CRCQK00	LU05632	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
	LU05797	SUPPORT DB2 V13 CATALOG CHANGES IN RC/QUERY	PTF
The CA RS 2206 service count for this FMID is 2			

DB2 Tools
CA RS 2206 Service List for CRCSK00

FMID	Service	Description	Type
CRC SK00	LU05633	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
	LU05836	RC/SECURE NOT REMOVING AUTHORITIES FROM GLOBAL TEMP TABLES	PTF
The CA RS 2206 service count for this FMID is 2			

DB2 Tools
CA RS 2206 Service List for CRCUK00

FMID	Service	Description	Type
CRCUK00	LU05634	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
	LU05888	ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY	PTF
The CA RS 2206 service count for this FMID is 2			

DB2 Tools
CA RS 2206 Service List for CRCXK00

FMID	Service	Description	Type
CRCXK00	LU05635	DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION	PTF
	LU05889	ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY	PTF
	LU05987	SOURCE DEFINITION IS NOT DELETED	PTF
The CA RS 2206 service count for this FMID is 3			

DB2 Tools
CA RS 2206 Service List for CUGRK00

FMID	Service	Description	Type
CUGRK00	LU05816	PFR MAY CORRUPT DB2 VSAM FOR PBR2 OBJECT	** PRP **
	LU05850	PFR0057E DURING RECOVER PART CREATED BY DML FOR PBG TS	PTF
	LU05857	ACCUMULATE TS ENDS WITH SOC4 FOR FUTURE DB2 RELEASES	PTF
	LU05869	ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG	PTF
	LU05900	MODIFY SYSLGRNX SUPPORT FOR FUTURE DB2 RELEASES	PTF
	LU05913	SOC4 ABEND IN PFR DURING SORT WITH MOSIZE GREATER THAN ZERO	PTF
	LU06000	PFR PBR2 BY PART PROCESSING MAY NOT WORK WITH COMBINED LOGIC	** PRP **
	LU06034	PFR THROWS PFR0446E WHEN TS IS PLACED AFTER INDEX IN SYNTAX	PTF
	LU06087	FIX POST-INSTALL BIND PACKAGE RELATED ISSUES	PTF
The CA RS 2206 service count for this FMID is 9			

Service	Details
LU05444	LU05444 M.C.S. ENTRIES = ++PTF (LU05444) UNABLE TO READ AN ENCRYPTED ACTIVE LOG IN ONLINE MODE PROBLEM DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) fails to read an active log dataset that is encrypted in online execution mode. SYMPTOMS: The program ends with return code 20 and messages similar to the following in the job output: PTA@LRCI: ERROR RETURNED FROM XMANAGER RETURN/REASON CODES: RC = 0000000C RSN = 000000xx 'enrypted.active.log.dataset.name' PFR0216E - UNABLE TO FIND CI RBA X'xxxxxxxxxxxxxxxxxxxxxx' IN ARCHIVE OR ACTIVE LOG DATASETS ATTEMPTING TO PROCESS LOG DATASET 'enrypted.active.log.dataset.name' STARTING LOG CI RBA X'xxxxxxxxxxxxxxxxxxxxxx' IMPACT: Online execution mode is unusable when an encrypted active log dataset is required for processing. CIRCUMVENTION: Use batch execution mode or let the required log data to be copied to an archive log dataset. The -ARCHIVE LOG command can be used to speed up the process. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 16652 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01976-D200 DESC(UNABLE TO READ AN ENCRYPTED ACTIVE LOG IN ONLINE MODE). ++VER (Z038) FMID (CINSK00) PRE (LU00135 LU02726 LU03367 LU04412 LU05367 S000016 S004250 S004455 S005011 S006863 S008313 S010389 S011234 S015937) SUP (LT02383 LT05398 LT05444 LU02383)

Service	Details
LU05562	LU05562 M.C.S. ENTRIES = ++PTF (LU05562) STORAGE LEAK AFTER REQUEST FOR EXCEPTION DATA FAILS PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) doesn't release storage after a request for the list of exception collection intervals fails. SYMPTOMS: The allocated memory in Xmanager or the requestor address space expands. IMPACT: Over time, the Xmanager address space may become memory constrained. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 16831 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01995-D200 DESC (STORAGE LEAK AFTER REQUEST FOR EXCEPTION DATA FAILS). ++VER (Z038) FMID (CPDTK00) PRE (LU04416 S013616 S014860) SUP (LT05562) ++HOLD (LU05562) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22122) 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! </pre>

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

Service	Details
LU05577	LU05577 M.C.S. ENTRIES = ++PTF (LU05577) DML REPORT WITH DDL FILE MAP FAILS WITH THE MESSAGE LAE0045E PROBLEM DESCRIPTION: 1) The Log Analyzer for Db2 for z/OS (PLA) DML report may fail with return code 16 and message LAE0045E when a DDL file map with option 'NO KEY LABEL' or 'KEY LABEL' is used. 2) PLA DML or DDL reports or SQL generation jobs terminate abnormally if a compression dictionary needs to be read from a VSAM dataset. SYMPTOMS: 1) The following message appears in the joblog: LAE0045E SQL syntax error. Stmt begins at or near line 1 Dataset : <dataset-name> Stmt begins: <ddl> 2) No report is generated by online PLA processing and the output contains the following message: LAE0008E SORT terminating. Return/Abend Code: 0C4 Symptom dump is printed into the TSO session. It indicates an active module LAL@ZLB and offset 000001DA. IMPACT: 1) The DML report is not generated. 2) The requested output is not generated. CIRCUMVENTION: 1) Remove the 'KEY LABEL' or 'NO KEY LABEL' option from the DDL file map, and rerun the job. 2) Use the batch processing mode. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 16743 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01997-D200 DESC(DML REPORT WITH DDL FILE MAP FAILS WITH THE MESSAGE LAE0045E). ++VER (Z038) FMID (CPLAK00) PRE (LU00597 LU01538 LU01950 LU01985 LU02062 LU02230 LU03250 LU04419 LU04842 R099559 S000975 S004245 S004461 S007813 S008008 S008802 S009333 S011669 S012487 S012889 S014033 S015895) SUP (LT05577)

Service	Details
LU05596	LU05596 M.C.S. ENTRIES = ++PTF (LU05596) PLAN ANALYZER LICENSE PROCESSING ENHANCEMENT DESCRIPTION: We have updated our product license processing. PRODUCT(S) AFFECTED: Plan Analyzer for Db2 for z/OS Version 20.0 SQL-Ease for Db2 for z/OS Version 20.0 Related Problem: PPADB2 16581 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02000-D200 DESC (PLAN ANALYZER LICENSE PROCESSING) . ++VER (Z038) FMID (CINSK00) PRE (LU00643 LU02492 LU04412 LU05175 LU05520 R096576 S000016 SO10173 SO12794 SO15980) SUP (LT05596) ++IF FMID(CPPAK00) REQ(LU05597) .

Service	Details
LU05597	LU05597 M.C.S. ENTRIES = ++PTF (LU05597) PLAN ANALYZER LICENSE PROCESSING ENHANCEMENT DESCRIPTION: We have updated our product license processing. PRODUCT(S) AFFECTED: Plan Analyzer for Db2 for z/OS Version 20.0 SQL-Ease for Db2 for z/OS Version 20.0 Related Problem: PPADB2 16581 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02000-D200 DESC (PLAN ANALYZER LICENSE PROCESSING) . ++VER (Z038) FMID (CPPAK00) PRE (LU00440 LU00646 LU01068 LU01551 LU01892 LU01986 LU02493 LU04420 LU04486 LU05116 R096584 S000021 S001404 S004462 S007814 S008451 S008581 S010714 S011131 S011768 S011810 S012068 S012655 S015691) SUP (LT05597) ++IF FMID(CINSK00) REQ(LU05520 LU05596) .

Service	Details				
LU05628	LU05628 M.C.S. ENTRIES = ++PTF (LU05628) DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION PROBLEM DESCRIPTION: Db2 Admin products to display Rolling Maintenance Level Set on menus instead of product version. SYMPTOMS: Product menus to display level set value vv.rr.mm indicating current level of maintenance. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2004-D200 DESC(DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION). ++VER (Z038) FMID (CAHOK00) PRE (LU01975 LU04409 S009858) SUP (LT01184 LT01225 LT05582 LT05628) ++IF FMID(CINSK00) REQ(LU05629). ++IF FMID(CPFUK00) REQ(LU05630). ++IF FMID(CRCMK00) REQ(LU05631). ++IF FMID(CRCQK00) REQ(LU05632). ++IF FMID(CRCSK00) REQ(LU05633). ++IF FMID(CRCUK00) REQ(LU05634). ++IF FMID(CRCXK00) REQ(LU05635). ++HOLD (LU05628) SYSTEM FMID(CAHOK00) REASON (DB2BIND) DATE (22126) COMMENT (<table border="1"> <tr> <td>Endevor Software Change Manager for Db2 for z/OS</td><td></td></tr> <tr> <td>Version 20.0</td><td></td></tr> </table> SEQUENCE After Apply PURPOSE Bind Plans and Packages USERS AFFECTED All Users KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. ***** * STEPS TO PERFORM *	Endevor Software Change Manager for Db2 for z/OS		Version 20.0	
Endevor Software Change Manager for Db2 for z/OS					
Version 20.0					

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 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																														
LU05629	LU05629 M.C.S. ENTRIES = ++PTF (LU05629) DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION PROBLEM DESCRIPTION: Db2 Admin products to display Rolling Maintenance Level Set on menus instead of product version. SYMPTOMS: Product menus to display level set value vv.rr.mm indicating current level of maintenance. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2004-D200 DESC(DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION). ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 LU01978 LU02345 LU03657 LU04149 LU04412 LU04463 LU04874 LU04930 LU04950 R096576 R097704 R099553 S000016 S001396 S004455 S004718 S004855 S007379 S008128 S009105 S009183 S009860 S011691 S011866 S011966 S012361 S012751 S012933 S014832 S015804) SUP (LT04376 LT05583 LT05629 LU04376) ++IF FMID(CAHOK00) REQ(LU05628). ++IF FMID(CPFUK00) REQ(LU05630). ++IF FMID(CRCMK00) REQ(LU05631). ++IF FMID(CRCQK00) REQ(LU05632). ++IF FMID(CRCSK00) REQ(LU05633). ++IF FMID(CRCUK00) REQ(LU05634). ++IF FMID(CRCXK00) REQ(LU05635). ++HOLD (LU05629) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (22126) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> Db2 Common Components</td> <td>Version 20.0 </td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> SEQUENCE</td> <td> After Apply </td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> PURPOSE</td> <td> Bind Plans and Packages </td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> USERS</td> <td> </td> </tr> <tr> <td> AFFECTED</td> <td> All Users </td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> KNOWLEDGE</td> <td> </td> </tr> <tr> <td> REQUIRED</td> <td> CA DB2 Tools Post Install Customization. </td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> ACCESS</td> <td> 1. CA DB2 Tools Post Install </td> </tr> <tr> <td> REQUIRED</td> <td> 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. </td> </tr> </table>	+-----+-----+		Db2 Common Components	Version 20.0	+-----+-----+		SEQUENCE	After Apply	+-----+-----+		PURPOSE	Bind Plans and Packages	+-----+-----+		USERS		AFFECTED	All Users	+-----+-----+		KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization.	+-----+-----+		ACCESS	1. CA DB2 Tools Post Install	REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.
+-----+-----+																															
Db2 Common Components	Version 20.0																														
+-----+-----+																															
SEQUENCE	After Apply																														
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PURPOSE	Bind Plans and Packages																														
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USERS																															
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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 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.). CSECT(RMA@REP,HEADER2,PAIRHDR2,PAIRHD2V,PAIRHD2A,PAIRH2AV,PAIRHDR3, PAIRHD3V,NDELHDR2,NDELHDR3,EQUALLIN,NOCHGLIN,END_LINE,UNEWHC,EDROPHC, PUNPRC,SHDRC,CHDRC,LSRCAC,LTRGAC) . </pre>

Service	Details
LU05630	LU05630 M.C.S. ENTRIES = ++PTF (LU05630) DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION PROBLEM DESCRIPTION: Db2 Admin products to display Rolling Maintenance Level Set on menus instead of product version. SYMPTOMS: Product menus to display level set value vv.rr.mm indicating current level of maintenance. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2004-D200 DESC(DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION). ++VER (Z038) FMID (CPFUK00) PRE (LU00447 LU00886 LU04418 R099558 S001402 S001818 S004460 S007381 S009107 S011968 S012363 S012934 S015805 S016195) SUP (LT05584 LT05630 ST08865 ST08980 ST09009) ++IF FMID(CAHOK00) REQ(LU05628) . ++IF FMID(CINSK00) REQ(LU05629) . ++IF FMID(CRCMK00) REQ(LU05631) . ++IF FMID(CRCQK00) REQ(LU05632) . ++IF FMID(CRCSK00) REQ(LU05633) . ++IF FMID(CRCUK00) REQ(LU05634) . ++IF FMID(CRCXK00) REQ(LU05635) . ++HOLD (LU05630) SYSTEM FMID(CPFUK00) REASON (DB2BIND) DATE (22126) COMMENT (+-----+ Fast Unload for Db2 for z/OS

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 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																		
LU05631	LU05631 M.C.S. ENTRIES = ++PTF (LU05631) DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION PROBLEM DESCRIPTION: Db2 Admin products to display Rolling Maintenance Level Set on menus instead of product version. SYMPTOMS: Product menus to display level set value vv.rr.mm indicating current level of maintenance. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2004-D200 DESC(DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION). ++VER (Z038) FMID (CRCMK00) PRE (LU04429 R099568) SUP (LT05585 LT05631) ++IF FMID(CAHOK00) REQ(LU05628). ++IF FMID(CINSK00) REQ(LU05629). ++IF FMID(CPFUK00) REQ(LU05630). ++IF FMID(CRCQK00) REQ(LU05632). ++IF FMID(CRCSK00) REQ(LU05633). ++IF FMID(CRCUK00) REQ(LU05634). ++IF FMID(CRCXK00) REQ(LU05635). ++HOLD (LU05631) SYSTEM FMID(CRCMK00) REASON (DB2BIND) DATE (22126) COMMENT (<table border="1"> <tr> <td>RC/Migrator 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>CA DB2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND, SYSADM or SYSCNTL on DB2 subsystem.</td></tr> </table> ***** * STEPS TO PERFORM * *****	RC/Migrator for Db2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization.	ACCESS	1. CA DB2 Tools Post Install	REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.
RC/Migrator for Db2 for z/OS	Version 20.0																		
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REQUIRED	CA DB2 Tools Post Install Customization.																		
ACCESS	1. CA 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 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																		
LU05632	LU05632 M.C.S. ENTRIES = ++PTF (LU05632) DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION PROBLEM DESCRIPTION: Db2 Admin products to display Rolling Maintenance Level Set on menus instead of product version. SYMPTOMS: Product menus to display level set value vv.rr.mm indicating current level of maintenance. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2004-D200 DESC(DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION). ++VER (Z038) FMID (CRCQK00) PRE (LU01993 LU04430 R099569 S001414 S006875 S009865) SUP (LT05586 LT05632) ++IF FMID(CAHOK00) REQ(LU05628). ++IF FMID(CINSK00) REQ(LU05629). ++IF FMID(CPFUK00) REQ(LU05630). ++IF FMID(CRCMK00) REQ(LU05631). ++IF FMID(CRCSK00) REQ(LU05633). ++IF FMID(CRCUK00) REQ(LU05634). ++IF FMID(CRCXK00) REQ(LU05635). ++HOLD (LU05632) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (22126) COMMENT (<table border="1"> <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>CA DB2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND, SYSADM or SYSCNTL on DB2 subsystem.</td></tr> </table> ***** * STEPS TO PERFORM * *****	RC/Query for Db2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization.	ACCESS	1. CA DB2 Tools Post Install	REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.
RC/Query for Db2 for z/OS	Version 20.0																		
SEQUENCE	After Apply																		
PURPOSE	Bind Plans and Packages																		
USERS																			
AFFECTED	All Users																		
KNOWLEDGE																			
REQUIRED	CA DB2 Tools Post Install Customization.																		
ACCESS	1. CA DB2 Tools Post Install																		
REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.																		

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 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
LU05633	LU05633 M.C.S. ENTRIES = ++PTF (LU05633) DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION PROBLEM DESCRIPTION: Db2 Admin products to display Rolling Maintenance Level Set on menus instead of product version. SYMPTOMS: Product menus to display level set value vv.rr.mm indicating current level of maintenance. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2004-D200 DESC(DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION). ++VER (Z038) FMID (CRCSK00) PRE (LU01994 LU04431 LU04953 R099570 S009866) SUP (AL04953 LT01203 LT01244 LT05091 LT05587 LT05633 LU05091 SO12553 ST10032 ST12553) ++IF FMID(CAHOK00) REQ(LU05628) . ++IF FMID(CINSK00) REQ(LU05629) . ++IF FMID(CPFUK00) REQ(LU05630) . ++IF FMID(CRCMK00) REQ(LU05631) . ++IF FMID(CRCQK00) REQ(LU05632) . ++IF FMID(CRCUK00) REQ(LU05634) . ++IF FMID(CRCXK00) REQ(LU05635) . ++HOLD (LU05633) SYSTEM FMID(CRCSK00) REASON (DB2BIND) DATE (22126) COMMENT (+-----+ RC/Secure for Db2 for z/OS

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 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.). CSECT(RSA#2ARY,RSA#CVT,SECONDRY,ERRORMSG).

Service	Details
LU05634	LU05634 M.C.S. ENTRIES = ++PTF (LU05634) DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION PROBLEM DESCRIPTION: Db2 Admin products to display Rolling Maintenance Level Set on menus instead of product version. SYMPTOMS: Product menus to display level set value vv.rr.mm indicating current level of maintenance. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2004-D200 DESC(DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION). ++VER (Z038) FMID (CRCUK00) PRE (LU01995 LU04432 R099571) SUP (LT05588 LT05634) ++IF FMID(CAHOK00) REQ(LU05628). ++IF FMID(CINSK00) REQ(LU05629). ++IF FMID(CPFUK00) REQ(LU05630). ++IF FMID(CRCMK00) REQ(LU05631). ++IF FMID(CRCQK00) REQ(LU05632). ++IF FMID(CRCSK00) REQ(LU05633). ++IF FMID(CRCXK00) REQ(LU05635). ++HOLD (LU05634) SYSTEM FMID(CRCUK00) REASON (DB2BIND) DATE (22126) COMMENT (+-----+ RC/Update for Db2 for z/OS

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 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																		
LU05635	LU05635 M.C.S. ENTRIES = ++PTF (LU05635) DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION PROBLEM DESCRIPTION: Db2 Admin products to display Rolling Maintenance Level Set on menus instead of product version. SYMPTOMS: Product menus to display level set value vv.rr.mm indicating current level of maintenance. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16605 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2004-D200 DESC(DB2 ADMIN PRODUCTS TO DISPLAY LEVEL SET INSTEAD OF VERSION). ++VER (Z038) FMID (CRCXK00) PRE (LU00411 LU00450 LU01996 LU03318 LU03664 LU03926 LU04151 LU04433 R099572 R099853 S000027 S001416 S007384 S009110 S011079 S011868 S011971 S012366 S012937 S015807) SUP (LT01205 LT01246 LT05589 LT05635 ST08868 ST08983 ST09012) ++IF FMID(CAHOK00) REQ(LU05628). ++IF FMID(CINSK00) REQ(LU05629). ++IF FMID(CPFUK00) REQ(LU05630). ++IF FMID(CRCMK00) REQ(LU05631). ++IF FMID(CRCQK00) REQ(LU05632). ++IF FMID(CRCSK00) REQ(LU05633). ++IF FMID(CRCUK00) REQ(LU05634). ++HOLD (LU05635) SYSTEM FMID(CRCXK00) REASON (DB2BIND) DATE (22126) COMMENT (<table border="1"> <tr> <td>RC/Extract 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>CA DB2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND, SYSADM or SYSCNTL on DB2 subsystem.</td></tr> </table> *****	RC/Extract for Db2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization.	ACCESS	1. CA DB2 Tools Post Install	REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.
RC/Extract for Db2 for z/OS	Version 20.0																		
SEQUENCE	After Apply																		
PURPOSE	Bind Plans and Packages																		
USERS																			
AFFECTED	All Users																		
KNOWLEDGE																			
REQUIRED	CA DB2 Tools Post Install Customization.																		
ACCESS	1. CA DB2 Tools Post Install																		
REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.																		

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 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
LU05685	LU05685 M.C.S. ENTRIES = ++PTF (LU05685) DUPLICATE RECORDS WHEN CONCATENATING UNLOADED HISTORY DATA PROBLEM DESCRIPTION: When two or more SMF datasets containing SYSVIEW Performance Management Option for Db2 for z/OS unloaded history data are used in concatenation to generate a report (using the NSIGHTRW program), the output may contain duplicate records for IFCID 1 or 2 data. SYMPTOMS: For example, duplicate key errors appear when the archive table SUBSYS_ACCEL_DETAIL is being loaded (with data generated by the ARCISTDA report). IMPACT: For example, duplicate records cause issues when being loaded into the archive table - the SUBSYS_ACCEL_DETAIL table is affected by this. CIRCUMVENTION: Run the archiving process (or a batch report) using a single SMF dataset multiple times instead of using multiple datasets in a concatenation. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 16873 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02010-D200 DESC(DUPLICATE RECORDS WHEN CONCATENATING UNLOADED HISTORY DATA). ++VER (Z038) FMID (CIDBK00) PRE (LU02093 LU02516 LU04411 R096575 S001395 S012769 S013557) SUP (LT05685)

Service	Details
LU05701	LU05701 M.C.S. ENTRIES = ++PTF (LU05701) NEW VIEWS ARE NOT IN PARENT/CHILD ORDER ON GROUP ICL WITH GC PROBLEM DESCRIPTION: In RC/Migrator for DB2 for z/OS (RCM), when a newly created view is dependent on another newly created view, the group ICL analysis with Global Changes may generate view DDL in the wrong sequence. SYMPTOMS: If the analysis script is executed, the child view will fail with an SQLCODE -204 and issues the following message: DSNT408I SQLCODE = -204, ERROR: <creator>.<parent-view name> IS AN UNDEFINED NAME IMPACT: The generated script fails attempting to create a view whose parent does not exist yet. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16888 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02013-D200 DESC(NEW VIEWS ARE NOT IN PARENT/CHILD ORDER ON GROUP ICL WITH GC). ++VER (Z038) FMID (CINSK00) PRE (LU03657 LU04412 LU05111 S004718 S012650 S012933) SUP (LT05623 LT05701)

Service	Details		
LU05717	LU05717 M.C.S. ENTRIES = ++PTF (LU05717) EXCESSIVE PXM4551 MESSAGES PROBLEM DESCRIPTION: Execution Manager (Xmanager) for Db2 for z/OS (PXM) is issuing excessive PXM4551 messages. SYMPTOMS: The SYSLOG and Xmanager JES2 log contain an excessive number of the following message: PXM4551 REQUEST DEFINITION LOCATED FAILED IMPACT: The logs are cluttered with unnecessary information. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PXM 16769 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02014-D200 DESC(EXCESSIVE PXM4551 MESSAGES). ++VER (Z038) FMID (CINSK00) PRE (LU00523 LU01978 LU04412 LU04452 LU05347 S004756 S006113 S011317) SUP (LT05717) ++HOLD (LU05717) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22123) 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. 2. Stop the Xmanager task.	Db2 Common Components	Version 20.0
Db2 Common Components	Version 20.0		

Service	Details
	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
LU05732	LU05732 M.C.S. ENTRIES = ++PTF (LU05732) DISASTER RECOVERY ABEND SOC4 IN MODULE PRL#MDBC PROBLEM DESCRIPTION: In Recovery Analyzer for Db2 for z/OS (PRA), ABEND SOC4 in module PRL#MDBC occurs under the following conditions: 1. JCLs generated by a disaster recovery strategy is executed 2. Invalid or nonexistent model library is specified in the DSNAMExx member of the CDBAPARM library. The processing of the JCL step is terminated. SYMPTOMS: 1. ABEND SOC4 occurs in module PRL#MDBC, control section PRA#BMOD. 2. The IEC190I PRAERRPT, DCB RESIDES ABOVE 16MB is displayed in the job log. IMPACT: The disaster recovery process fails. CIRCUMVENTION: Specify valid model library dataset names in the DSNAMExx member of the CDBAPARM library. PRODUCT(S) AFFECTED: Recovery Analyzer for Db2 for z/OS Version 20.0 Related Problem: PRA 16957 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02015-D200 DESC(DISASTER RECOVERY ABEND SOC4 IN MODULE PRL#MDBC). ++VER (Z038) FMID (CPRAK00) PRE (LU04421) SUP (LT05732)

Service	Details
LU05734	LU05734 M.C.S. ENTRIES = ++PTF (LU05734) DDL REDO/UNDO ALTER TABLE IMPROVEMENTS ENHANCEMENT DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) has been enhanced to generate SQL for the following statements in DDL Activity REDO/UNDO Output Format: - ALTER TABLE ADD CONSTRAINT - ALTER TABLE VOLATILE NOT VOLATILE - ALTER TABLE DATA CAPTURE CHANGES NONE ALTER TABLE DROP CONSTRAINT gets generated as a comment because of safety. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 16783 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02016-D200 DESC (DDL REDO/UNDO ALTER TABLE IMPROVEMENTS) . ++VER (Z038) FMID (CPLAK00) PRE (LU00165 LU00672 LU00940 LU01043 LU01538 LU01869 LU01950 LU02062 LU02230 LU02381 LU03250 LU03282 LU03316 LU03660 LU03925 LU04419 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S007382 S008802 S009083 S009108 S009133 S010677 S011113 S011419 S011669 S011809 S011969 S012364 S012797 S012889 S012900 S012935 S013009 S013625 S013879 S014137 S014613 S014866 S015064 S015220 S015456) SUP (LT02213 LT04562 LT05734 LU02213 LU04562 S014142 S014949 ST14142 ST14924 ST14949)

Service	Details
LU05739	LU05739 M.C.S. ENTRIES = ++PTF (LU05739) The following items are included in this solution: 1. DROPONLY PROCESSING NOT RESTRICTED TO DROPS 2. READGCS PARMCARD CAN VOILATE SHARE OPTION ===== DROPONLY PROCESSING NOT RESTRICTED TO DROPS PROBLEM DESCRIPTION: The RC/Migrator for Db2 for z/OS (RCM) does not restrict DROPONLY processing to just DROPS. SYMPTOMS: By simply adding a DROPONLY parm card to a normal batch analysis, the generated script might well be limited to DROPS for the DDL, but may also include UNLOADs and LOADs of the tables which were dropped. IMPACT: The generated script will not properly execute. If LOADs are included after the drops, the tables being loaded will not exist. CIRCUMVENTION: NONE PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16898 ===== READGCS PARMCARD CAN VOILATE SHARE OPTION PROBLEM DESCRIPTION: The RC/Migrator for Db2 for z/OS (RCM), when using the parmcad READGCS, does not validate usage against the global change sets share option. SYMPTOMS: Using READGCS parmcad, users can bypass the effectiveness of the share option identified in a global change set. IMPACT: By using READGCS and providing GLBLCRTR and GLBLNAME a user can bypass the share option check identified in a global change set. CIRCUMVENTION: NONE PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16900 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02017-D200 DESC(DROPONLY PROCESSING NOT RESTRICTED TO DROPS) . ++VER (Z038) FMID (CINSK00) PRE (LU00426 LU00446 LU03142 LU03657 LU03856 LU04149 LU04412 LU04573 LU04654 LU04874 LU04930 LU04950 LU05629 R096576 R097704 R099553 S000016 S001396 S004455 S004718 S004855 S006113 S006638 S006863 S007323 S007379 S007807 S008128 S008859 S008957 S009105 S010974 S011691 S011866 S011966 S012361 S012751 S012904 S012933 S013071 S013154 S014125 S014832 S015804)

Service	Details
	SUP (LT00639 LT03391 LT04376 LT05278 LT05739 LU00639 LU03391 LU04376 LU05278 S009790 S010815 S013878 ST09790 ST10815 ST13878) ++HOLD (LU05739) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (22126) COMMENT (<pre> +-----+ Db2 Common Components Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).</pre>

Service	Details
LU05747	LU05747 M.C.S. ENTRIES = ++PTF (LU05747) REPLACE U241 WITH PFU0701E / PFU0125E WITH NEGATIVE DBID PROBLEM DESCRIPTION: 1. Fast Unload for Db2 for z/OS (PFU) has been enhanced to print error message PFU0701E "Unexpected dictionary page found" instead of user abend U241. 2. PFU fails with the "PFU0125E - DB2 LOCK ERROR -904 UNAVAILABLE RESOURCE" error when the DBID is negative. SYMPTOMS: 1. PFU encountered a dictionary page in an unexpected location. processing terminates with a U241 abend. 2. "PFU0125E - DB2 LOCK ERROR -904 UNAVAILABLE RESOURCE" error message. IMPACT: The table is not unloaded. CIRCUMVENTION: 1. Consider reorganization against the affected object. Rerun the job. 2. None. PRODUCT(S) AFFECTED: Fast Unload for Db2 for z/OS Version 20.0 Related Problem: PFU 16866 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02018-D200 DESC(REPLACE U241 WITH PFU0701E / PFU0125E WITH NEGATIVE DBID) . ++VER (Z038) FMID (CPFUK00) PRE (LU00137 LU00217 LU00886 LU02006 LU02470 LU03265 LU03353 LU04418 LU04868 LU04981 R096582 R099558 S000019 S001818 S004460 S005013 S006118 S006867 S008068 S008112 S008860 S009025 S010175 S011108 S011236 S011997 S012108 S012151 S012197 S013766 S013960 S014032 S014382 S014501 S014984 S016195) SUP (AS10023 AS10175 BS12108 LT01727 LT05747 LU01727 S008352 S010023 S010107 S010442 S015767 ST08352 ST10023 ST10106 ST10107 ST10442 ST15767) ++HOLD (LU05747) SYSTEM FMID(CPFUK00) REASON (MSGSKEL) DATE (22131) COMMENT (Fast Unload 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

Service	Details
	<pre> REQUIRED 2. BIND Authority on Db2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).</pre>

Service	Details
LU05749	LU05749 M.C.S. ENTRIES = ++PTF (LU05749) INCORRECTLY REPORTED SIMULATED BUFFER POOL STATISTICS PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) may incorrectly report Simulated Buffer Pool statistics: - History reports HSBSIM (Simulated Buffer Pool History) and HSUBSIM (Simulated BufferPool History Summary) would show incorrect data when BP simulation was inactive in the first selected history interval. - Real-time BUFSIM (Simulated Buffer Pool Statistics) report and its associated trace record STATS-BUFFER-SIZES (IFCID 1026) contain incorrect values in the fields related to simulated buffer pools. SYMPTOMS: Historical simulated buffer pool statistics displayed by the HSBSIM and HSUBSIM reports could have higher values for the Avoided Read I/O counts. Real-time simulated buffer pool statistics displayed by the BUFSIM report is invalid. IMPACT: The information displayed by the BUFSIM/HSBSIM/HSUBSIM reports is unreliable. CIRCUMVENTION: For real-time reporting, use '-DISPLAY BUFFERPOOL' Db2 command. For history reporting, change the selected history range to start with the interval when buffer pool simulation was active. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 16925 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02019-D200 DESC (INCORRECTLY REPORTED SIMULATED BUFFER POOL STATISTICS) . ++VER (Z038) FMID (CIDBK00) PRE (LU01175 LU03091 LU03286 LU04374 LU04411 LU04498 LU04803 LU05058 LU05687 R096575 R099552 S001395 S004454 S006112 S006862 S008846 S010160 S010906 S011780 S011977 S012536 S012769 S013557 S013891 S014099 S015070 S015254 S015647 S016300) SUP (LT00434 LT05749 LU00434 S010248 ST10248)

Service	Details
LU05761	LU05761 M.C.S. ENTRIES = ++PTF (LU05761) SUBSYSTEM ANALYZER LICENSE PROCESSING ENHANCEMENT DESCRIPTION: In Subsystem Analyzer for Db2 for z/OS (PSA), we have updated our license processing. PRODUCT(S) AFFECTED: Subsystem Analyzer for Db2 for z/OS Version 20.0 Related Problem: PSA 16998 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02020-D200 DESC (SUBSYSTEM ANALYZER LICENSE PROCESSING) . ++VER (Z038) FMID (CPSAK00) PRE (LU00859 LU01990 LU04426 S007819 S012926 S014681 S014861 S016175) SUP (LT00500 LT05761 LU00500)

Service	Details
LU05764	LU05764 M.C.S. ENTRIES = ++PTF (LU05764) SOC3 ABEND WHEN THE TARGET IS V12(CM) PROBLEM DESCRIPTION: When using RC/Migrator for Db2 for z/OS (RCM) to analyze a strategy, the analysis may end with a SOC3 abend with a REASON CODE 00000003 if the target subsystem is V12(CM). SYMPTOMS: SYSTEM COMPLETION CODE=0C3 REASON CODE=00000003 TIME=12.21.07 SEQ=52482 CPU=0000 ASID=02AD PSW AT TIME OF ERROR 078D1000 A7720E0C ILC 4 INTC 03 ACTIVE MODULE ADDRESS=00000000_276CD000 OFFSET=00053E0C NAME=RML@UF DATA AT PSW 27720E06 - 00004400 D5880000 00000000 AR/GR 0: 00AAC348/01040004 1: 00000000/7DB4DF28 IMPACT: The user may not be able to analyze the strategy successfully. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 17029 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2021-D200 DESC(SOC3 ABEND WHEN THE TARGET IS V12(CM)). ++VER (Z038) FMID (CINSK00) PRE (LU00399 LU03657 LU04412 S004718 S007379 S011691 S011966 S012361 S012933) SUP (LT05331 LT05764 LU05331)

Service	Details
LU05767	LU05767 M.C.S. ENTRIES = ++PTF (LU05767) ABEND SOC1 NSIGHTPR CSECT NDREFORC+2D0 WHEN LOW ON STORAGE PROBLEM DESCRIPTION: SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) may encounter an ABEND SOC1 in load module NSIGHPR, CSECT NDREFORC+2D0 if a probe or request is collecting the SQL-related IFCIDs (53-59) for an extended duration and the data collector becomes storage constrained. SYMPTOMS: DBG98004I CA SYSVIEW FOR DB2 LOW ON VIRTUAL STORAGE (<2M AVAIL) CCSR010E NMSPRMVC SOC1 at 30BC5350 LMOD NSIGHTPR CSECT NDREFORC+02D0 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 CCSR062I ILC: 02 INTERRUPT CODE: 01 CCSR067I COMPLETION CODE SOC1 REASON CODE 00000001 CCSR064I DATA AT PSW 30BC534A : A7D40003 0000D201 7006DE60 CCSR065I HOME = 05D0 PRIMARY = 05D0 SECONDARY = 05D0 CCSR070I GR00 - GR01 00000000_00000056 00000000_00000000 CCSR070I GR02 - GR03 00000000_00131154 00000000_00000004 CCSR070I GR04 - GR05 00000000_3620D8C0 00000000_3620D83C CCSR070I GR06 - GR07 00000000_30675228 00000000_4F6D927E CCSR070I GR08 - GR09 00000000_00000000 00000000_3620D838 CCSR070I GR10 - GR11 00000000_0006D000 00000000_0012B000 CCSR070I GR12 - GR13 00000000_30BC5080 00000000_001302F8 CCSR070I GR14 - GR15 00000000_B0BC5346 00000000_00000010 CCSR071I AR00 - AR03 00000000 00000000 00000000 00000000 CCSR071I AR04 - AR07 00000000 00000000 00000000 00000000 CCSR071I AR08 - AR11 00000000 00000000 00000000 00000000 CCSR071I AR12 - AR15 00000000 00000000 00000000 00000000 CCSR066I SDWAEC2 070C0000 B0B05028 from RB IMPACT: The data collector terminates and must be restarted. CIRCUMVENTION: Avoid running high-volume requests or probes, or add additional qualifiers to the request to limit the output volume. Alternatively, increase the region size. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 16904 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02022-D200 DESC (ABEND SOC1 NSIGHTPR CSECT NDREFORC+2D0 WHEN LOW ON STORAGE). ++VER (Z038) FMID (CIDBK00) PRE (LU03286 LU04411 LU05224 R096575 R099552 S004454 S006112 S008846 S010160 S011977 S013891 S015254) SUP (LT05767)

Service	Details
LU05775	LU05775 M.C.S. ENTRIES = ++PTF (LU05775) DDL00274 ISSUED WHEN SYNTAX CHECKING VIEWS WITH OBJVER(Y) PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), the Syntax Checker with OBJVER(Y) issues error message DDL00274 when checking syntactically correct create View DDL with the FULLSELECT which contains GROUP BY or JOIN TABLE clause. SYMPTOMS: DDL00274: The reference to <column Name> is ambiguous. IMPACT: Syntactically correct DDL is reported as invalid. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16773 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02024-D200 DESC(DDL00274 ISSUED WHEN SYNTAX CHECKING VIEWS WITH OBJVER(Y)). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04412 LU05111 S009105 S012650 S014832) SUP (LT05775)

Service	Details
LU05788	LU05788 M.C.S. ENTRIES = ++PTF (LU05788) EXCESSIVE NUMBER OF DBG72037E MESSAGES BEING ISSUED PROBLEM DESCRIPTION: SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) issues DBG72037E messages in a loop in case the DISPLAY GROUP command issued by the exception system failed. SYMPTOMS: The exception system repeatedly issues a DBG72037E message. IMPACT: The spool might be filled up with the output from a data collector task. The CPU consumption of the exception task grows significantly, up to 60% of the total CPU consumption of the data collector. CIRCUMVENTION: Deactivate all of the exceptions that use DSG-DETAIL (IFCID 1040) fields. GRANT the data collector the DISPLAY privilege in DB2. It is required. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17006 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02026-D200 DESC (EXCESSIVE NUMBER OF DBG72037E MESSAGES BEING ISSUED). ++VER (Z038) FMID (CIDBK00) PRE (LU04411) SUP (LT05788)

Service	Details
LU05790	LU05790 M.C.S. ENTRIES = ++PTF (LU05790) CATALOG TABLE DIRECTORY SERVICE TO SUPPORT DB2 13 V13R1M501 ENHANCEMENT DESCRIPTION: Internal enhancement to add support for Db2 13 Catalog Level V13R1M501 to the internal Catalog Table Directory Service of the Database Management Solutions for DB2 for z/OS. PRODUCT(S) AFFECTED: Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 16546 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02027-D200 DESC(CATALOG TABLE DIRECTORY SERVICE TO SUPPORT DB2 13 V13R1M501). ++VER (Z038) FMID (CINSK00) PRE (LU00277 LU01106 LU03499 LU04084 LU04412 R099553 S004455 S006863 S007807 S009426 S013574) SUP (LT05790 S010662 S015031 ST10662 ST15031)

Service	Details
LU05794	LU05794 M.C.S. ENTRIES = ++PTF (LU05794) QUICK MIGRATE AND READGCS ABEND SOC1 PROBLEM DESCRIPTION: The RC/Migrator for Db2 for z/OS (RCM) ABENDs with a SOC1 when using READGCS control card from PARMFILE. SYMPTOMS: If a READGCS control card is added to a Quick Migrate PARMFILE, an ABEND SOC1 occurs in RMA@QM. IMPACT: Processing is terminated immediately. CIRCUMVENTION: NONE PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 17056 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02028-D200 DESC(QUICK MIGRATE AND READGCS ABEND SOC1). ++VER (Z038) FMID (CINSK00) PRE (LU03657 LU04412 LU05739 S004718 S012904 S012933) SUP (AL05739 LT05794)

Service	Details
LU05796	LU05796 M.C.S. ENTRIES = ++PTF (LU05796) DETECTOR LICENSE PROCESSING ENHANCEMENT DESCRIPTION: We have updated our product license processing. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 16996 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02029-D200 DESC(DETECTOR LICENSE PROCESSING). ++VER (Z038) FMID (CPDTK00) PRE (LU01982 LU02271 LU03998 LU04416 LU04586 LU05113 R096168 R099556 S001400 S004458 S006116 S012652 S013987 S014299 S014860 S016174) SUP (LT02286 LT05796 LU02286 S006237 ST06237)

Service	Details
LU05797	LU05797 M.C.S. ENTRIES = ++PTF (LU05797) The following items are included in this solution: 1. SUPPORT DB2 V13 CATALOG CHANGES IN RC/QUERY 2. REPORTS INCORRECTLY GENERATED FOR DB2 APOLLO ===== SUPPORT DB2 V13 CATALOG CHANGES IN RC/QUERY ENHANCEMENT DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), the following reports have been enhanced enhanced to support Db2 V13. * Tablespace Real-time Statistics(TS-RT) * Index Real-time Statistics(I-RT) PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 17054 ===== REPORTS INCORRECTLY GENERATED FOR DB2 APOLLO PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), the reports are being incorrectly generated for Db2 v13 subsystems. SYMPTOMS: For the Db2 V13 subsystem, incorrect use of the Db2 version causes incorrect reports generation. IMPACT: The reports are incorrect. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 16028 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02030-D200 DESC(SUPPORT DB2 V13 CATALOG CHANGES IN RC/QUERY) . ++VER (Z038) FMID (CRCQK00) PRE (LU00532 LU01410 LU01706 LU02030 LU02564 LU03220 LU03317 LU03662 LU04430 LU04657 LU04834 LU04952 LU05176 LU05408 LU05555 R096593 R097719 R099569 S000025 S001414 S004471 S006128 S006875 S007822 S008232 S008608 S009129 S009759 S009852 S010163 S010321 S010468 S011133 S011197 S012229 S012783 S013083 S014307 S014335 S015450 S015697) SUP (LT02597 LT02735 LT05797 LU02597 S007954 S010268 S010532 ST07954 ST10268 ST10532 TR99761 TR99776 TR99791 TR99806 TR99821 TR99873) ++IF FMID(CINSK00) REQ(LU05798) . ++HOLD (LU05797) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (22133) COMMENT (+-----+ RC/Query for Db2 for z/OS Version 20.0 +-----+

Service	Details
	<pre> SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).</pre>

Service	Details
LU05798	LU05798 M.C.S. ENTRIES = ++PTF (LU05798) The following items are included in this solution: 1. SUPPORT DB2 V13 CATALOG CHANGES IN RC/QUERY 2. REPORTS INCORRECTLY GENERATED FOR DB2 APOLLO ===== SUPPORT DB2 V13 CATALOG CHANGES IN RC/QUERY ENHANCEMENT DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), the following reports have been enhanced enhanced to support Db2 V13. * Tablespace Real-time Statistics(TS-RT) * Index Real-time Statistics(I-RT) PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 17054 ===== REPORTS INCORRECTLY GENERATED FOR DB2 APOLLO PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), the reports are being incorrectly generated for Db2 v13 subsystems. SYMPTOMS: For the Db2 V13 subsystem, incorrect use of the Db2 version causes incorrect reports generation. IMPACT: The reports are incorrect. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 16028 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02030-D200 DESC(SUPPORT DB2 V13 CATALOG CHANGES IN RC/QUERY). ++VER (Z038) FMID (CINSK00) PRE (LU04412 LU05175 LU05276 S010469 S011196) SUP (LT05002 LT05798) ++IF FMID(CRCQK00) REQ(LU05797).

Service	Details				
LU05806	LU05806 M.C.S. ENTRIES = ++PTF (LU05806) OFS IS NOT GENERATING THE V12 CLAUSES ON V13 SUBSYSTEMS PROBLEM DESCRIPTION: The Object Framework Services component of the Database Management Solutions for Db2 for z/OS , is not able to parse or generate the clauses for Db2 13 that were introduced after Db2 function level V12R1M500. SYMPTOMS: Clauses such as KEY LABEL, COMPRESS YES HUFFMAN, OR REPLACE are missing in the DDL generation output or parsing of these clauses will fail. IMPACT: Usage of these clauses is not possible. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Query for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Migrator for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: OFS 15976 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02031-D200 DESC(OFS IS NOT GENERATING THE V12 CLAUSES ON V13 SUBSYSTEMS) . ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU02280 LU03315 LU03659 LU03924 LU04085 LU04413 R096577 R097705 R099554 S001397 S006114 S006864 S007380 S007808 S011967 S012412 S013990 S015225 S015440) SUP (LT05806 S009128 S013758 S014655 ST09128 ST13758 ST14655)	RC/Query for Db2 for z/OS	Version 20.0	RC/Migrator for Db2 for z/OS	Version 20.0
RC/Query for Db2 for z/OS	Version 20.0				
RC/Migrator for Db2 for z/OS	Version 20.0				

Service	Details
LU05816	LU05816 M.C.S. ENTRIES = ++PTF (LU05816) PFR MAY CORRUPT DB2 VSAM FOR PBR2 OBJECT PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) may corrupt Db2 tablespace of PBR2 object when multiple incremental copies of partitions are involved in recovery and SORTLOG YES is utilized. SYMPTOMS: REBUILD INDEX may fail with reason code X'00C90101' IMPACT: DB2 VSAM may get corrupted and make the object unusable. CIRCUMVENTION: SORTLOG NO may be used. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.00 Related Problem: PFR 17031 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02033-D200 DESC(PFR MAY CORRUPT DB2 VSAM FOR PBR2 OBJECT). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU02712 LU04435 S014568) SUP (AL05695 LT02015 LT02048 LT05695 LT05816 LU02048 LU05695 S015817 ST15817)

Service	Details																
LU05823	LU05823 M.C.S. ENTRIES = ++PTF (LU05823) ENHANCE LOOP AND ABEND PREVENTION/DETECTION PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) is being modified to add code that detects potential loops/processing errors and takes corrective action. SYMPTOMS: None. This is a proactive coding change. IMPACT: No impact on processing. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 16946 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02034-D200 DESC (ENHANCE LOOP AND ABEND PREVENTION/DETECTION) . ++VER (Z038) FMID (CPDTK00) PRE (LU00176 LU00240 LU00329 LU00402 LU00549 LU00684 LU01002 LU01215 LU01393 LU01467 LU01542 LU01841 LU01933 LU02108 LU02220 LU02290 LU02554 LU02706 LU02796 LU02944 LU03093 LU03461 LU03917 LU04015 LU04231 LU04263 LU04416 LU05052 LU05127 LU05152 R096168 R096580 R097707 R098429 R099556 R099946 S000263 S000423 S001400 S003942 S004458 S004757 S006116 S006334 S006838 S006865 S007810 S007988 S008129 S008323 S008446 S008789 S009044 S009065 S009239 S009601 S009811 S009828 S010018 S010492 S010538 S010652 S010908 S011694 S011983 S012131 S012429 S012538 S012921 S013450 S013655 S013761 S013887 S013889 S014235 S014338 S014680 S015395 S015499 S015573 S015723 S015843 S015927 S016113) SUP (AL05152 LT00307 LT01214 LT01903 LT01956 LT02217 LT03386 LT03406 LT04175 LT05265 LT05502 LT05503 LT05545 LT05781 LT05823 LU03386 LU03406 LU05265 LU05503 LU05545 ST07220 ST10536) ++HOLD (LU05823) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22133) COMMENT (<table> <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
	<pre> 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																		
LU05836	LU05836 M.C.S. ENTRIES = ++PTF (LU05836) RC/SECURE NOT REMOVING AUTHORITIES FROM GLOBAL TEMP TABLES PROBLEM DESCRIPTION: RC/Secure for DB2 for z/OS (RCS) is not revoking authorities for Global Temporary Tables in batch. SYMPTOMS: Batch revoke is not revoking Global Temporary Table authorities when all authorities for an Authid should be revoked. IMPACT: Global Temporary Table Authorities will persist. CIRCUMVENTION: Customer may explicitly specify Global Temporary Table authorities to be revoked. PRODUCT(S) AFFECTED: RC/Secure for Db2 for z/OS Version 20.0 Related Problem: RCSDB2 17077 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02035-D200 DESC(RC/SECURE NOT REMOVING AUTHORITIES FROM GLOBAL TEMP TABLES). ++VER (Z038) FMID (CRCSK00) PRE (LU04431 LU04953 LU05633 R099570) SUP (LT05836 SO12553 ST10032 ST12553) ++HOLD (LU05836) SYSTEM FMID(CRCSK00) REASON (DB2BIND) DATE (22140) COMMENT (<table border="1"> <tr> <td>RC/Secure 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>Rebind affected packages</td></tr> <tr> <td>USERS</td><td>All Users</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>Product Administration</td></tr> <tr> <td>REQUIRED</td><td></td></tr> <tr> <td>ACCESS</td><td>Install and DB2 Bind authority</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> ***** * STEPS TO PERFORM * ***** 1. Install PTF 2. Rebind affected RCS Packages).	RC/Secure for Db2 for z/OS	Version 20.0	SEQUENCE	Before Apply	PURPOSE	Rebind affected packages	USERS	All Users	AFFECTED		KNOWLEDGE	Product Administration	REQUIRED		ACCESS	Install and DB2 Bind authority	REQUIRED	
RC/Secure for Db2 for z/OS	Version 20.0																		
SEQUENCE	Before Apply																		
PURPOSE	Rebind affected packages																		
USERS	All Users																		
AFFECTED																			
KNOWLEDGE	Product Administration																		
REQUIRED																			
ACCESS	Install and DB2 Bind authority																		
REQUIRED																			

Service	Details
LU05850	LU05850 M.C.S. ENTRIES = ++PTF (LU05850) PFR0057E DURING RECOVER PART CREATED BY DML FOR PBG TS PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) may fail while recovering a part of PBG tablespace which was newly added by DML activity and an ICTYPE 'A' and STYPE 'A' row is added in IBM SYSCOPY. SYMPTOMS: Job ends with RC=8 with the below error message. PFR0057E - TABLESPACE 'DBDDDDDD.TSTTTTTT' DSNUM X WAS NOT COPIED AFTER A NON-RECOVERABLE EVENT : ICTYPE 'M' AT START_RBA X'SSSSSSSSSSSSSSSSSSS' WITH STYPE : 'R', TTYPE 'E' AND PIT_RBA X'PPPPPPPPPPPPPPPPPPPP'. This Error has Occurred in CSECT - GRA@CHEK IMPACT: Recover may fail for a PBG tablespace. CIRCUMVENTION: Create a full image copy for the newly added partition. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 16937 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2036-D200 DESC(PFR0057E DURING RECOVER PART CREATED BY DML FOR PBG TS) . ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00275 LU00689 LU00728 LU01182 LU01292 LU01717 LU01998 LU03186 LU03214 LU03235 LU03859 LU04103 LU04435 LU04961 LU04966 R096595 R097722 R099574 S000029 S000788 S001418 S001660 S004249 S004251 S004475 S004799 S005018 S006132 S006879 S007826 S007905 S008280 S008466 S008833 S009595 S009742 S009903 S010165 S010201 S010401 S010553 S010818 S011083 S011086 S011382 S011605 S011646 S012000 S012155 S012279 S012352 S012530 S012902 S013130 S013206 S013686 S013768 S014036 S014483 S014568 S014641 S015487 S015711) SUP (AL05695 LT00152 LT00973 LT01127 LT01135 LT01527 LT01534 LT01800 LT02015 LT02048 LT02385 LT02712 LT03042 LT03326 LT03620 LT03759 LT04732 LT04948 LT04962 LT05684 LT05695 LT05771 LT05816 LT05850 LU00152 LU00973 LU01127 LU01135 LU01534 LU02048 LU02385 LU02712 LU03326 LU03759 LU04732 LU04962 LU05684 LU05695 LU05816 S001855 S011930 S012018 S012234 S013586 S014863 S015817 ST01855 ST06479 ST11930 ST12018 ST12234 ST13586 ST14863 ST15817 TR97544)

Service	Details
LU05851	LU05851 M.C.S. ENTRIES = ++PTF (LU05851) INCORRECT VALUE FOR LARGE VALUE FOR DECLARED IQL FIELDS PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) DECLARED IQL fields of type N (numeric format) are limited to a maximum value of 4294967294 (a full word). To support larger values, an internal representation of the DECLARE type N is expanded to a double word. SYMPTOMS: Numeric DECLARE field values larger than 4294967294 overflow. In the reports, you can see the following sample results: - value 4294967295 will be printed as ***** - value 4294967296 will be printed as 0 - value 4294967297 will be printed as 1 IMPACT: Misleading reporting of large calculated numeric values. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17007 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02037-D200 DESC (INCORRECT VALUE FOR LARGE VALUE FOR DECLARED IQL FIELDS). ++VER (Z038) FMID (CIDBK00) PRE (LU03286 LU03348 LU04411 R096575 R097703 R099552 S000077 S001395 S004454 S009519 S010739 S015049 S016300) SUP (LT05851)

Service	Details
LU05857	LU05857 M.C.S. ENTRIES = ++PTF (LU05857) ACCUMULATE TS ENDS WITH SOC4 FOR FUTURE DB2 RELEASES PROBLEM DESCRIPTION: Merge/Modify for Db2 for z/OS (PMM) may fail executing an ACCUMULATE TABLESPACE with USE-CHANGE-ACCUM YES specified on future Db2 releases. SYMPTOMS: PMM job ends with a SOC4 abend in module PTLLGCVN. IMPACT: ACCUMULATE TABLESPACE where USE-CHANGE-ACCUM YES is specified may abend under future Db2 releases. CIRCUMVENTION: Specify USE-CHANGE-ACCUM NO within the ACCUMULATE TABLESPACE syntax. PRODUCT(S) AFFECTED: Merge/Modify for Db2 for z/OS Version 20.0.0 Related Problem: PMM 16850 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02038-D200 DESC(ACCUMULATE TS ENDS WITH SOC4 FOR FUTURE DB2 RELEASES). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU04435 LU05850 R096595 R099574 S000029 S000788 S001418 S001660 S004249 S004251 S004799 S008280 S014568) SUP (LT05857)

Service	Details
LU05865	LU05865 M.C.S. ENTRIES = ++PTF (LU05865) ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG PROBLEM DESCRIPTION: Rapid Reorg for Db2 for z/OS (PRR) may run out of below-the-line memory during the reorganization of a partitioned compressed index when DATA-AVAILABLE CRITICAL is specified and processing multiple partitions. SYMPTOMS: The following or similar messages are in the PTIMSG output: PUT6103E - Unable to load DB2 service module Func=LOAD, Service: INDEX, DECOMP RC=00000020, RSN=nnnnnnnn, INFO=00000000 Detected in UTA@IXTI PUT6103E - Unable to load DB2 service module Func=LOAD, Service: INDEX, DECOMP RC=00000020, RSN=nnnnnnnn, INFO=00000000 Detected in UTA@IXTI PUT2201E - Error Initializing Index Compression Service Other errors related to insufficient storage may be issued. IMPACT: PRR jobs will fail. CIRCUMVENTION: Reorg a smaller number of index partitions. PRODUCT(S) AFFECTED: Rapid Reorg for DB2 for z/OS Related Problem: PRR 15855 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02039-D200 DESC(ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG). ++VER (Z038) FMID (CINSK00) PRE (LU00723 LU04412) SUP (LT05648 LT05865) ++IF FMID(CPFLK00) REQ(LU05866). ++IF FMID(CPRRK00) REQ(LU05867). ++IF FMID(CPUTK00) REQ(LU05868). ++IF FMID(CUGRK00) REQ(LU05869).

Version 20.0

Service	Details
LU05866	LU05866 M.C.S. ENTRIES = ++PTF (LU05866) ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG PROBLEM DESCRIPTION: Rapid Reorg for Db2 for z/OS (PRR) may run out of below-the-line memory during the reorganization of a partitioned compressed index when DATA-AVAILABLE CRITICAL is specified and processing multiple partitions. SYMPTOMS: The following or similar messages are in the PTIMSG output: PUT6103E - Unable to load DB2 service module Func=LOAD, Service: INDEX, DECOMP RC=00000020, RSN=nnnnnnnn, INFO=00000000 Detected in UTA@IXTI PUT6103E - Unable to load DB2 service module Func=LOAD, Service: INDEX, DECOMP RC=00000020, RSN=nnnnnnnn, INFO=00000000 Detected in UTA@IXTI PUT2201E - Error Initializing Index Compression Service Other errors related to insufficient storage may be issued. IMPACT: PRR jobs will fail. CIRCUMVENTION: Reorg a smaller number of index partitions. PRODUCT(S) AFFECTED: Rapid Reorg for DB2 for z/OS Related Problem: PRR 15855 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02039-D200 Version 20.0 DESC(ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG). ++VER (Z038) FMID (CPFLK00) PRE (LU00724 LU03191 LU04417 S000018 S005012 S008071 S011235 S011996 S012150 S013203 S015484 S016089) SUP (LT05649 LT05866) ++IF FMID(CINSK00) REQ(LU05865). ++IF FMID(CPRRK00) REQ(LU05867). ++IF FMID(CPUTK00) REQ(LU05868). ++IF FMID(CUGRK00) REQ(LU05869).

Service	Details
LU05867	LU05867 M.C.S. ENTRIES = ++PTF (LU05867) ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG PROBLEM DESCRIPTION: Rapid Reorg for Db2 for z/OS (PRR) may run out of below-the-line memory during the reorganization of a partitioned compressed index when DATA-AVAILABLE CRITICAL is specified and processing multiple partitions. SYMPTOMS: The following or similar messages are in the PTIMSG output: PUT6103E - Unable to load DB2 service module Func=LOAD, Service: INDEX, DECOMP RC=00000020, RSN=nnnnnnnn, INFO=00000000 Detected in UTA@IXTI PUT6103E - Unable to load DB2 service module Func=LOAD, Service: INDEX, DECOMP RC=00000020, RSN=nnnnnnnn, INFO=00000000 Detected in UTA@IXTI PUT2201E - Error Initializing Index Compression Service Other errors related to insufficient storage may be issued. IMPACT: PRR jobs will fail. CIRCUMVENTION: Reorg a smaller number of index partitions. PRODUCT(S) AFFECTED: Rapid Reorg for DB2 for z/OS Related Problem: PRR 15855 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02039-D200 DESC(ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG). ++VER (Z038) FMID (CPRRK00) PRE (LU00139 LU00452 LU00726 LU01989 LU03233 LU03733 LU04425 LU05208 R096588 R097715 R098968 S000023 S000786 S000846 S001409 S001658 S004247 S004467 S004797 S005015 S006582 S006609 S007818 S007893 S008379 S009089 S009599 S009671 S009901 S009954 S010007 S011039 S011222 S011237 S011432 S011603 S011847 S011998 S012152 S012277 S012528 S013176 S013204 S014034 S014276 S015485 S015739) SUP (DC06581 LT05650 LT05867 S008837 S010505 S016160 ST08837 ST10505 ST16160) ++IF FMID(CINSK00) REQ(LU05865). ++IF FMID(CPFLK00) REQ(LU05866). ++IF FMID(CPUTK00) REQ(LU05868). ++IF FMID(CUGRK00) REQ(LU05869).

Version 20.0

Service	Details
LU05868	LU05868 M.C.S. ENTRIES = ++PTF (LU05868) ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG PROBLEM DESCRIPTION: Rapid Reorg for Db2 for z/OS (PRR) may run out of below-the-line memory during the reorganization of a partitioned compressed index when DATA-AVAILABLE CRITICAL is specified and processing multiple partitions. SYMPTOMS: The following or similar messages are in the PTIMSG output: PUT6103E - Unable to load DB2 service module Func=LOAD, Service: INDEX, DECOMP RC=00000020, RSN=nnnnnnnn, INFO=00000000 Detected in UTA@IXTI PUT6103E - Unable to load DB2 service module Func=LOAD, Service: INDEX, DECOMP RC=00000020, RSN=nnnnnnnn, INFO=00000000 Detected in UTA@IXTI PUT2201E - Error Initializing Index Compression Service Other errors related to insufficient storage may be issued. IMPACT: PRR jobs will fail. CIRCUMVENTION: Reorg a smaller number of index partitions. PRODUCT(S) AFFECTED: Rapid Reorg for DB2 for z/OS Related Problem: PRR 15855 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02039-D200 DESC(ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG). ++VER (Z038) FMID (CPUTK00) PRE (LU00140 LU00177 LU00727 LU03734 LU04427 LU05209 R098969 R099566 S000024 S001411 S001659 S005016 S005102 S006874 S007172 S007820 S008586 S009253 S011238 S011604 S011849 S011999 S012153 S012278 S012529 S013205 S014035 S015486 S015740 S015939 S016090) SUP (AS03992 LT05423 LT05651 LT05868 LU05423 S003992 S007711 S009973 S015541 ST03992 ST07711 ST09973 ST15541) ++IF FMID(CINSK00) REQ(LU05865). ++IF FMID(CPFLK00) REQ(LU05866). ++IF FMID(CPRRK00) REQ(LU05867). ++IF FMID(CUGRK00) REQ(LU05869).

Version 20.0

Service	Details
LU05869	LU05869 M.C.S. ENTRIES = ++PTF (LU05869) ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG PROBLEM DESCRIPTION: Rapid Reorg for Db2 for z/OS (PRR) may run out of below-the-line memory during the reorganization of a partitioned compressed index when DATA-AVAILABLE CRITICAL is specified and processing multiple partitions. SYMPTOMS: The following or similar messages are in the PTIMSG output: PUT6103E - Unable to load DB2 service module Func=LOAD, Service: INDEX, DECOMP RC=00000020, RSN=nnnnnnnn, INFO=00000000 Detected in UTA@IXTI PUT6103E - Unable to load DB2 service module Func=LOAD, Service: INDEX, DECOMP RC=00000020, RSN=nnnnnnnn, INFO=00000000 Detected in UTA@IXTI PUT2201E - Error Initializing Index Compression Service Other errors related to insufficient storage may be issued. IMPACT: PRR jobs will fail. CIRCUMVENTION: Reorg a smaller number of index partitions. PRODUCT(S) AFFECTED: Rapid Reorg for DB2 for z/OS Related Problem: PRR 15855 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02039-D200 DESC(ERROR INITIALIZING INDEX COMPRESSION SERVICE IN RAPID REORG). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00728 LU01292 LU02712 LU03235 LU04435 LU05850 R099574 S000029 S000201 S001660 S003816 S004475 S006069 S006132 S006879 S007826 S007905 S008280 S008833 S009595 S009742 S009903 S010044 S010165 S010819 S011083 S011605 S011686 S011929 S012000 S012155 S012279 S012530 S013206 S013586 S013768 S014568 S015711) SUP (LT05652 LT05869 S004048 S012018 ST04048 ST12018) ++IF FMID(CINSK00) REQ(LU05865). ++IF FMID(CPFLK00) REQ(LU05866). ++IF FMID(CPRRK00) REQ(LU05867). ++IF FMID(CPUTK00) REQ(LU05868).

Version 20.0

Service	Details														
LU05873	LU05873 M.C.S. ENTRIES = ++PTF (LU05873) DDL UPDATE FOR UNLOAD SQL_CALLS COLUMN PROBLEM DESCRIPTION: In Detector for Db2 for z/OS (PDT), the SQL_CALLS column in unload tables PDT_STANDARD_xxx and PDT_DYNAMREQ_xxx is being changed from INTEGER to BIGINT so that it can handle values larger than 31 bits or 2,147,483,647 SYMPTOMS: The value in the SQL_CALLS unload columns would either be negative or too small. IMPACT: The SQL_CALLS column will be incorrect and not match the online screens. CIRCUMVENTION: You can manually change the DB2 tables and load control cards. 1) For the Db2 tables, run these two ALTER statements. The tables will be set to AERO* status and are still functional. <pre>ALTER TABLE PTI.PDT_DYNAMREQ_180 ALTER COLUMN SQL_CALLS SET DATA TYPE BIGINT ;</pre> <pre>ALTER TABLE PTI.PDT_STANDARD_180 ALTER COLUMN SQL_CALLS SET DATA TYPE BIGINT ;</pre> 2) For the load control cards, go to the PDTLOADI member in the highlvl.CDBASAMP dataset. Change the 2 lines for SQL_CALLS to <pre>,SQL_CALLS POSITION(*) BIGINT</pre> Note: the position parm no longer needs a column reference number PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 16997 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02041-D200 DESC (DDL UPDATE FOR UNLOAD SQL_CALLS COLUMN) . <pre>++VER (Z038) FMID (CPDTK00) PRE (LU04416 S008455) SUP (LT05873) ++HOLD (LU05873) SYSTEM FMID(CPDTK00) REASON (DB2DDL) DATE (22140) COMMENT (</pre> <table border="1"> <tr> <td>Detector 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>Alter Db2 Tools objects</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> </table>	Detector for Db2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Alter Db2 Tools objects	USERS		AFFECTED	All Users.	KNOWLEDGE		REQUIRED	Db2 Tools Post Install Customization
Detector for Db2 for z/OS	Version 20.0														
SEQUENCE	After Apply														
PURPOSE	Alter Db2 Tools objects														
USERS															
AFFECTED	All Users.														
KNOWLEDGE															
REQUIRED	Db2 Tools Post Install Customization														

Service	Details
	<pre> +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. Install SYSADM, SYSADM or DBADM on PTDB. +-----+-----+ ***** * STEPS TO PERFORM * ***** Db2 objects must be compared/alterd and a Bind Replace performed as part of this maintenance. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the following tasks using the post-install tailoring options: 1. Compare Db2 Objects 2. Create Required Db2 Objects 3. Bind Product Packages and Plans IMPORTANT! If SYSVIEW for Db2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).</pre>

Service	Details
LU05875	LU05875 M.C.S. ENTRIES = ++PTF (LU05875) MEMORY DUMP TAKEN WHILE VALIDATING DB2 EXECUTION BLOCK(EB) PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) may abend after finding a stale pointer to a Db2 Execution Block (EB). SYMPTOMS: An SVCDUMP is written and the following message is written to the Xmanager log: DETECTOR 20.0 EB Cleanup FAILURE*CONTACT BROADCOM TECHNICAL SUPPORT IMPACT: No impact on the Detector collection. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 17073 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02042-D200 DESC(MEMORY DUMP TAKEN WHILE VALIDATING DB2 EXECUTION BLOCK(EB)). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00524 LU00549 LU00768 LU00938 LU01542 LU02944 LU03461 LU03710 LU03809 LU03917 LU04231 LU04356 LU04416 LU04795 LU05127 LU05152 R096580 R098429 S001400 S003942 S004458 S004757 S006116 S006334 S007810 S010521 S010908 S011694 S013889 S014338 S014397 S014782 S016174) SUP (AL03917 LT04339 LT05875 LU04339) ++HOLD (LU05875) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22137) COMMENT (<pre> +-----+ Detector for Db2 for z/OS Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** </pre>

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

Service	Details
LU05876	LU05876 M.C.S. ENTRIES = ++PTF (LU05876) DDL FOR SYNONYM NOT GENERATED. ERROR MESSAGE RCO0013E ISSUED PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), the analysis issues error message RCO0013E without generating the create SYNONYM DDL. SYMPTOMS: RCO0013E: Internal Error service(ZOMPDCNV) RC=16 ; 8 , 8 IMPACT: synonym will not be created. CIRCUMVENTION: PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 17132 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02043-D200 DESC(DDL FOR SYNONYM NOT GENERATED. ERROR MESSAGE RCO0013E ISSUED). ++VER (Z038) FMID (CINSK00) PRE (LU03314 LU03657 LU03923 LU04412) SUP (LT05876)

Service	Details																																																																								
LU05879	LU05879 M.C.S. ENTRIES = ++PTF (LU05879) SYSVIEW/DB2 PREFERRED USER TASK IN PERMANENT WAIT PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) preferred user subtask may enter a permanent wait state. The data collector may use additional CPU resources due to the unavailability of this task. SYMPTOMS: No visible symptoms. The output of the DCCPU command will show that the task "User req primary" has not been used. <table><tr><th>Task name</th><th>ID</th><th>TCB CP time</th><th>zIIP on zIIP</th></tr><tr><td colspan="4">-----</td></tr><tr><td>User req secondary</td><td>40</td><td>0.011679</td><td>0.000000</td></tr><tr><td>User req secondary</td><td>40</td><td>0.128683</td><td>0.000000</td></tr><tr><td>User req secondary</td><td>40</td><td>0.792824</td><td>0.000000</td></tr><tr><td>User req secondary</td><td>40</td><td>1.593148</td><td>0.000000</td></tr><tr><td>SQL DB task</td><td>F2</td><td>2.223549</td><td></td></tr><tr><td>Hist orphan checker</td><td>D0</td><td>0.008412</td><td></td></tr><tr><td>HWM collection</td><td>C0</td><td>54.748428</td><td></td></tr><tr><td>Health check manager</td><td>A0</td><td>0.003190</td><td></td></tr><tr><td>XNet agent task</td><td>B0</td><td>0.333193</td><td></td></tr><tr><td>History/SAVEIFI R/W</td><td>85</td><td>0.002678</td><td></td></tr><tr><td>History management</td><td>F0</td><td>0.007858</td><td></td></tr><tr><td>Timer event processing</td><td>02</td><td>1:18.518102</td><td></td></tr><tr><td>User req secondary</td><td>40</td><td>3.823961</td><td>0.000000</td></tr><tr><td>User req secondary</td><td>40</td><td>22.797028</td><td>0.000000</td></tr><tr><td>USER REQ PRIMARY</td><td>04</td><td>0.001399 <----</td><td>0.000000</td></tr><tr><td>User req manager</td><td>20</td><td>0.696975</td><td></td></tr></table> IMPACT: Additional CPU used by the data collector. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17082 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02044-D200 DESC(SYSVIEW/DB2 PREFERRED USER TASK IN PERMANENT WAIT). ++VER (Z038) FMID (CIDBK00) PRE (LU02118 LU04411 R096575 R097703 S001395 S004454 S006862 S008846 S010160 S012769 S014016 S014642) SUP (LT05879)	Task name	ID	TCB CP time	zIIP on zIIP	-----				User req secondary	40	0.011679	0.000000	User req secondary	40	0.128683	0.000000	User req secondary	40	0.792824	0.000000	User req secondary	40	1.593148	0.000000	SQL DB task	F2	2.223549		Hist orphan checker	D0	0.008412		HWM collection	C0	54.748428		Health check manager	A0	0.003190		XNet agent task	B0	0.333193		History/SAVEIFI R/W	85	0.002678		History management	F0	0.007858		Timer event processing	02	1:18.518102		User req secondary	40	3.823961	0.000000	User req secondary	40	22.797028	0.000000	USER REQ PRIMARY	04	0.001399 <----	0.000000	User req manager	20	0.696975	
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Service	Details																														
LU05880	LU05880 M.C.S. ENTRIES = ++PTF (LU05880) STOP-ONERROR ACCEPTS 1-128/UNLOAD CONTINUE FAILS PFL0019E PROBLEM DESCRIPTION: 1. The Fast Load for Db2 for z/OS (PFL) STOP-ONERROR keyword accepts numeric values from 1-128. However, the only valid value is 27. 2. PFL fails with error message PFL0019E when UNLOAD CONTINUE is specified and the MAXTASKS count is different from the number of Indexes present on the table that is being loaded. SYMPTOMS: 1. When the STOP-ONERROR keyword is specified with any numeric value from 1-128 other than 27, processing continues and no error message is issued. 2. Processing fails and the following message is printed in PTIMSG: PFL0019E - RESTART Table does not match input UTILID USERID.JOBNAME Checksum 06612 IMPACT: 1. PFL overrides the DISCARDS value for the incorrect error type. 2. PFL UNLOAD CONTINUE processing fails. CIRCUMVENTION: 1. None. 2. Specify a MAXTASKS value equal to the number of Indexes present on the table that is being loaded or specify MAXTASKS AUTO. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Keyword(s): <table><tr><td>STOP-ONERROR</td><td>ERROR CODE</td><td>27</td></tr><tr><td>DISCARDS</td><td>UNLOAD</td><td>PAUSE</td></tr><tr><td>CONTINUE</td><td>RESTART</td><td>UTILITY</td></tr><tr><td>MAXTASKS</td><td>WORKDDN</td><td>INDEXES</td></tr></table> Related Problem: PFL 16325 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02045-D200 DESC (STOP-ONERROR ACCEPTS 1-128/UNLOAD CONTINUE FAILS PFL0019E) . ++VER (Z038) FMID (CPFLK00) PRE (LU01720 LU02243 LU03191 LU03577 LU03846 LU04417 LU04980 LU05207 LU05225 LU05457 R096581 R097708 S000018 S000704 S001656 S004275 S004459 S004857 S006117 S007170 S007811 S008071 S008428 S009024 S009977 S010195 S011235 S011996 S012128 S012150 S012275 S012526 S012984 S013097 S013203 S013765 S014772 S015312 S016089) SUP (LT05880 ST15281 ST15288) ++HOLD (LU05880) SYSTEM FMID(CPFLK00) REASON (MSGSKEL) DATE (22138) COMMENT (<table><tr><td colspan="3">+-----+</td></tr><tr><td> </td><td>Fast Load for Db2 for z/OS</td><td>Version 20.0 </td></tr><tr><td colspan="3">+-----+</td></tr><tr><td> SEQUENCE</td><td> After Apply</td><td> </td></tr><tr><td colspan="3">+-----+</td></tr><tr><td> PURPOSE</td><td> Relink XMESSAGES</td><td></td></tr></table>	STOP-ONERROR	ERROR CODE	27	DISCARDS	UNLOAD	PAUSE	CONTINUE	RESTART	UTILITY	MAXTASKS	WORKDDN	INDEXES	+-----+				Fast Load for Db2 for z/OS	Version 20.0	+-----+			SEQUENCE	After Apply		+-----+			PURPOSE	Relink XMESSAGES	
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+-----+																															
PURPOSE	Relink XMESSAGES																														

Service	Details
	<pre> +-----+-----+ USERS AFFECTED All Db2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).</pre>

Service	Details
LU05881	LU05881 M.C.S. ENTRIES = ++PTF (LU05881) SB78-28 WHEN UNLOADING FROM VERSIONED OBJECT PROBLEM DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) may abend with SB78-28 when unloading from versioned objects and ORDER BY clause is used. SYMPTOMS: The following error messages are issued: PFU0186E - ERRORS UNLOADING. ORDER CLAUSE USED. CHECK ST01MSG/PTIMSG FOR CAUSES. RC: SB78 SYSTEM COMPLETION CODE=B78 REASON CODE=00004B28 TIME=XX.XX.XX SEQ=XXXXX CPU=XXXX ASID=XXXX PSW AT TIME OF ERROR 070C1000 816BE11C ILC 2 INTC 0D NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 016BE116 - 00181610 0A0DE3E0 D0080024 IMPACT: The unload processing fails. CIRCUMVENTION: Specify ZIIP YES if there are online zIIP processors. PRODUCT(S) AFFECTED: Fast Unload for Db2 for z/OS Version 20.0 Related Problem: PFU 17104 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02046-D200 DESC(SB78-28 WHEN UNLOADING FROM VERSIONED OBJECT). ++VER (Z038) FMID (CPFUK00) PRE (LU00217 LU00886 LU02470 LU03353 LU04418 S000019 S001818 S009025 S011997 S012151 S014032 S016195) SUP (LT05881)

Service	Details
LU05883	LU05883 M.C.S. ENTRIES = ++PTF (LU05883) PTLVREX SOC4 OR UTLGLIOE SOC1/U0100/RBDP SET INCORRECTLY PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may abend in PTLVREX or UTLGLIOE in the discard deletion phase when loading a versioned table that is in a compressed tablespace. 2. PFL may end with user abend U0100 in UTLGLCTL when loading a table that has a compressed index which is defined with a high PCTFREE value. 3. When the DISCARD-LIMIT-STATUS RESTRICT option is used and the discard limit is reached, PFL sets a restrictive status on the tablespace and indexspace pagesets. For a partitioned index, the RBDP status is incorrectly set for the partitions that were not processed during the load. SYMPTOMS: 1. SOC4 in PTLVREX+BD56 or SOC1 in UTLGLIOE+350A. 2. U0100 in UTAGLCTL+4ED0 and the following error messages in PTIMSG: GENMM14E - PTL@MMGR Logic Error: Requested key is beyond high used RBA. GENMM20E - Not enough space in storage group volumes for a data set. Data set: <index_space_data_set> PUT2100E - MMGR PUT Routine failed Return Code: X'00000054' Reason Code: X'00000064' PUT2100E - DSN: <index_space_data_set> PUT2100E - DDNAME: <ddname> Module: UTAGLIX2 3. The RBDP status is set for all the index partitions when only selected partitions were processed. IMPACT: 1. The load fails. 2. The load fails. 3. Unnecessary restrictive status on index pagesets. CIRCUMVENTION: 1. None. 2. None. 3. None. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 16991 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02047-D200 DESC(PTLVREX SOC4 OR UTLGLIOE SOC1/U0100/RBDP SET INCORRECTLY). ++VER (Z038) FMID (CPFLK00) PRE (LU04159 LU04417 S000018 S011601 S011946 S011996 S012150 S012275) SUP (LT05883) ++IF FMID(CPUTK00) REQ(LU05884).

Service	Details
LU05884	LU05884 M.C.S. ENTRIES = ++PTF (LU05884) PTLVREX SOC4 OR UTLGLIOE SOC1/U0100/RBDP SET INCORRECTLY PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may abend in PTLVREX or UTLGLIOE in the discard deletion phase when loading a versioned table that is in a compressed tablespace. 2. PFL may end with user abend U0100 in UTLGLCTL when loading a table that has a compressed index which is defined with a high PCTFREE value. 3. When the DISCARD-LIMIT-STATUS RESTRICT option is used and the discard limit is reached, PFL sets a restrictive status on the tablespace and indexspace pagesets. For a partitioned index, the RBDP status is incorrectly set for the partitions that were not processed during the load. SYMPTOMS: 1. SOC4 in PTLVREX+BD56 or SOC1 in UTLGLIOE+350A. 2. U0100 in UTAGLCTL+4ED0 and the following error messages in PTIMSG: GENMM14E - PTL@MMGR Logic Error: Requested key is beyond high used RBA. GENMM20E - Not enough space in storage group volumes for a data set. Data set: <index_space_data_set> PUT2100E - MMGR PUT Routine failed Return Code: X'00000054' Reason Code: X'00000064' PUT2100E - DSN: <index_space_data_set> PUT2100E - DDNAME: <ddname> Module: UTAGLIX2 3. The RBDP status is set for all the index partitions when only selected partitions were processed. IMPACT: 1. The load fails. 2. The load fails. 3. Unnecessary restrictive status on index pagesets. CIRCUMVENTION: 1. None. 2. None. 3. None. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 16991 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02047-D200 DESC(PTLVREX SOC4 OR UTLGLIOE SOC1/U0100/RBDP SET INCORRECTLY). ++VER (Z038) FMID (CPUTK00) PRE (LU00727 LU04427 LU05535 S000024 S004469 S005016 S007172 S008879 S009854 S011238 S011999 S012153 S013205 S014035 S014773 S015486 S016090) SUP (LT05884 S016217 ST16217) ++IF FMID(CPFLK00) REQ(LU05883).

Service	Details
LU05886	LU05886 M.C.S. ENTRIES = ++PTF (LU05886) ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY ENHANCEMENT DESCRIPTION: RC/Migrator for Db2 for z/OS (RCM) Alter Strategies, RC/Compare for Db2 for z/OS (RCC), and RC/Update for Db2 for z/OS (RCU) are enhanced to support the generation of ALTER TABLESPACE MOVE TABLE statements for Db2 function level 508 and above. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 RC/Compare for DB2 for z/OS Version 20.0 RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCM 15950 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02048-D200 DESC(ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY). ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 LU00530 LU00914 LU01121 LU01275 LU01705 LU01927 LU02345 LU03142 LU03314 LU03657 LU03789 LU03838 LU03856 LU03878 LU03923 LU04136 LU04149 LU04412 LU04458 LU04463 LU04488 LU04493 LU04573 LU04874 LU04930 LU04950 LU05089 LU05111 LU05162 LU05243 LU05296 LU05382 LU05401 LU05629 LU05739 R096576 R097704 R099553 S000016 S001396 S001896 S004455 S004718 S004855 S005199 S006113 S006286 S006638 S006863 S007323 S007379 S007807 S007955 S008128 S008278 S008662 S008859 S009105 S009183 S009356 S009417 S009799 S009860 S010066 S010292 S010549 S010974 S011866 S011966 S012147 S012361 S012650 S012751 S012817 S012904 S012933 S013071 S013193 S013308 S013985 S014125 S014282 S014615 S014716 S014832 S015804) SUP (AL05739 AR97704 AS01396 AS04455 AS07379 BS07379 CS07379 LT00127 LT00242 LT00321 LT00325 LT00368 LT00399 LT00426 LT00508 LT00509 LT00568 LT00613 LT00639 LT00678 LT00698 LT00930 LT00968 LT00989 LT01118 LT01151 LT01265 LT01357 LT01376 LT01508 LT01694 LT01958 LT01999 LT02053 LT02166 LT02212 LT02420 LT02945 LT03221 LT03259 LT03291 LT03391 LT03603 LT04094 LT04146 LT04167 LT04376 LT04483 LT04529 LT04654 LT04746 LT04813 LT04857 LT05109 LT05142 LT05156 LT05242 LT05278 LT05331 LT05359 LT05511 LT05590 LT05623 LT05701 LT05764 LT05794 LT05808 LT05876 LT05886 LT05982 LU00127 LU00242 LU00368 LU00399 LU00426 LU00508 LU00509 LU00568 LU00613 LU00639 LU00678 LU00698 LU00968 LU00989 LU01118 LU01151 LU01265 LU01357 LU01376 LU01508 LU01694 LU01958 LU01999 LU02053 LU02166 LU02212 LU02420 LU02945 LU03221 LU03259 LU03291 LU03391 LU04094 LU04146 LU04167 LU04376 LU04483 LU04529 LU04654 LU04746 LU04813 LU04857 LU05109 LU05142 LU05156 LU05242 LU05278 LU05331 LU05359 LU05511 LU05590 LU05701 LU05764 LU05794 LU05876 R099748 S001905 S005237 S005280 S007774 S007856 S008051 S008198 S008202 S008262 S008291 S008414 S008606 S008684 S008750 S008856 S008957 S009033 S009125 S009126 S009461 S009546

Service	Details
	SO09602 SO09790 SO09839 SO09892 SO09893 SO10021 SO10046 SO10080 SO10243 SO10331 SO10437 SO10512 SO10631 SO10760 SO10763 SO10815 SO10827 SO10948 SO10978 SO11048 SO11255 SO11534 SO11691 SO11696 SO11737 SO11806 SO11942 SO11988 SO12031 SO12042 SO12164 SO12249 SO12268 SO12524 SO12792 SO12829 SO12994 SO13149 SO13154 SO13229 SO13352 SO13539 SO13726 SO13794 SO13814 SO13878 SO13930 SO13974 SO14623 SO14899 SO15444 SO15449 SO15506 SO15613 SO15998 SO16024 SO16031 SO16053 SO16088 SO16176 ST01905 ST05065 ST05237 ST05280 ST06695 ST07198 ST07444 ST07774 ST07856 ST08051 ST08198 ST08202 ST08262 ST08291 ST08314 ST08395 ST08414 ST08606 ST08684 ST08750 ST08760 ST08780 ST08856 ST08916 ST08957 ST08965 ST09031 ST09033 ST09125 ST09126 ST09385 ST09434 ST09461 ST09530 ST09546 ST09565 ST09602 ST09790 ST09791 ST09839 ST09892 ST09893 ST10021 ST10046 ST10080 ST10243 ST10331 ST10437 ST10512 ST10631 ST10722 ST10760 ST10763 ST10815 ST10827 ST10948 ST10978 ST11048 ST11255 ST11534 ST11648 ST11663 ST11691 ST11696 ST11737 ST11741 ST11806 ST11942 ST11988 ST12031 ST12042 ST12164 ST12249 ST12268 ST12511 ST12524 ST12700 ST12792 ST12829 ST12994 ST13149 ST13154 ST13229 ST13352 ST13539 ST13726 ST13794 ST13814 ST13878 ST13930 ST13974 ST14623 ST14899 ST15444 ST15449 ST15506 ST15613 ST15998 ST16011 ST16024 ST16031 ST16053 ST16088 ST16176 TR99748) ++IF FMID(CPFUK00) REQ(LU05887). ++IF FMID(CRCUK00) REQ(LU05888). ++IF FMID(CRCXK00) REQ(LU05889). ++HOLD (LU05886) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (22145) COMMENT (+-----+ Db2 Common Components Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step.

Service	Details
	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 (LU05886) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (22145) COMMENT (<pre> +-----+ Db2 Common Components Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All Db2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).</pre>

Service	Details						
LU05887	LU05887 M.C.S. ENTRIES = ++PTF (LU05887) ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY ENHANCEMENT DESCRIPTION: RC/Migrator for Db2 for z/OS (RCM) Alter Strategies, RC/Compare for Db2 for z/OS (RCC), and RC/Update for Db2 for z/OS (RCU) are enhanced to support the generation of ALTER TABLESPACE MOVE TABLE statements for Db2 function level 508 and above. PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 15950 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02048-D200 DESC(ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY). ++VER (Z038) FMID (CPFUK00) PRE (LU00447 LU00886 LU04418 LU05630 R099558 S001402 S001818 S004460 S007381 S009107 S011968 S012363 S012934 S015805 S016195) SUP (LT05584 LT05887 ST08865 ST08980 ST09009) ++IF FMID(CINSK00) REQ(LU05886). ++IF FMID(CRCUK00) REQ(LU05888). ++IF FMID(CRCXK00) REQ(LU05889).	RC/Migrator for DB2 for z/OS	Version 20.0	RC/Compare for DB2 for z/OS	Version 20.0	RC/Update for DB2 for z/OS	Version 20.0
RC/Migrator for DB2 for z/OS	Version 20.0						
RC/Compare for DB2 for z/OS	Version 20.0						
RC/Update for DB2 for z/OS	Version 20.0						

Service	Details						
LU05888	LU05888 M.C.S. ENTRIES = ++PTF (LU05888) ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY ENHANCEMENT DESCRIPTION: RC/Migrator for Db2 for z/OS (RCM) Alter Strategies, RC/Compare for Db2 for z/OS (RCC), and RC/Update for Db2 for z/OS (RCU) are enhanced to support the generation of ALTER TABLESPACE MOVE TABLE statements for Db2 function level 508 and above. PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 15950 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02048-D200 DESC(ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY). ++VER (Z038) FMID (CRCUK00) PRE (LU00449 LU03663 LU04150 LU04432 LU05177 R099571 S000026 S001415 S004472 S004720 S007383 S007824 S009109 S010975 S011867 S011970 S012365 S012936 S014833 S015806) SUP (LT05888 ST12477) ++IF FMID(CINSK00) REQ(LU05886). ++IF FMID(CPFUK00) REQ(LU05887). ++IF FMID(CRCXK00) REQ(LU05889).	RC/Migrator for DB2 for z/OS	Version 20.0	RC/Compare for DB2 for z/OS	Version 20.0	RC/Update for DB2 for z/OS	Version 20.0
RC/Migrator for DB2 for z/OS	Version 20.0						
RC/Compare for DB2 for z/OS	Version 20.0						
RC/Update for DB2 for z/OS	Version 20.0						

Service	Details						
LU05889	LU05889 M.C.S. ENTRIES = ++PTF (LU05889) ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY ENHANCEMENT DESCRIPTION: RC/Migrator for Db2 for z/OS (RCM) Alter Strategies, RC/Compare for Db2 for z/OS (RCC), and RC/Update for Db2 for z/OS (RCU) are enhanced to support the generation of ALTER TABLESPACE MOVE TABLE statements for Db2 function level 508 and above. PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 15950 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02048-D200 DESC(ALTER TABLESPACE MOVE TABLE SUPPORT FOR ALTER & RCC STRATEGY). ++VER (Z038) FMID (CRCXK00) PRE (LU00411 LU00450 LU03318 LU03664 LU03926 LU04151 LU04433 LU05635 R099572 R099853 S000027 S001416 S007384 S009110 S011079 S011868 S011971 S012366 S012937 S015807) SUP (LT05889 ST08868 ST08983 ST09012) ++IF FMID(CINSK00) REQ(LU05886). ++IF FMID(CPFUK00) REQ(LU05887). ++IF FMID(CRCUK00) REQ(LU05888).	RC/Migrator for DB2 for z/OS	Version 20.0	RC/Compare for DB2 for z/OS	Version 20.0	RC/Update for DB2 for z/OS	Version 20.0
RC/Migrator for DB2 for z/OS	Version 20.0						
RC/Compare for DB2 for z/OS	Version 20.0						
RC/Update for DB2 for z/OS	Version 20.0						

Service	Details
LU05900	LU05900 M.C.S. ENTRIES = ++PTF (LU05900) MODIFY SYSLGRNX SUPPORT FOR FUTURE DB2 RELEASES ENHANCEMENT DESCRIPTION: Merge/Modify for Db2 for z/OS (PMM) MODIFY SYSLGRNX functionality has been updated to support future Db2 releases. PRODUCT(S) AFFECTED: MERGE/MODIFY for Db2 for z/OS Version 20.00 Related Problem: PMM 17065 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02049-D200 DESC (MODIFY SYSLGRNX SUPPORT FOR FUTURE DB2 RELEASES) . ++VER (Z038) FMID (CUGRK00) PRE (LU04435 R099574 S000029 S001418 S012155) SUP (LT05900 S011323 ST11323)

Service	Details
LU05913	LU05913 M.C.S. ENTRIES = ++PTF (LU05913) SOC4 ABEND IN PFR DURING SORT WITH MOSIZE GREATER THAN ZERO PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) may terminate with an ABEND SOC4 in the DFSORT module as a result of corrupted higher halves of 64-bit registers when DFSORT is used as a sort program with MOSIZE greater than zero. SYMPTOMS: PFR terminates with an ABEND SOC4 in the DFSORT module. IMPACT: PFR recovery process may terminate without recovering objects. CIRCUMVENTION: Specify MOSIZE=0 for DFSORT. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS (PFR) Version 20.0 Related Problem: PFR 16956 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02051-D200 DESC(SOC4 ABEND IN PFR DURING SORT WITH MOSIZE GREATER THAN ZERO) . ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00728 LU02712 LU03326 LU04435 LU05850 R096595 S000029 S000788 S001660 S004251 S008280 S009742 S012000 S012155 S013206 S014036 S015487) SUP (LT05913 S012234 ST12234)

Service	Details
LU05931	LU05931 M.C.S. ENTRIES = ++PTF (LU05931) INFRASTRUCTURE FOR THE MEDIA MANAGER INTERFACE PROBLEM DESCRIPTION: The Db2 Common Components (GEN) have been enhanced to improve the support of the Media Manager interface. SYMPTOMS: N/A. IMPACT: N/A. CIRCUMVENTION: N/A. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: GEN 16906 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02054-D200 DESC(INFRASTRUCTURE FOR THE MEDIA MANAGER INTERFACE). ++VER (Z038) FMID (CINSK00) PRE (LU00135 LU02726 LU03190 LU03367 LU04412 LU05367 LU05444 S000016 S004250 S004455 S005011 S006863 S008313 S010389 S011234) SUP (LT02383 LT05931 LU02383)

Service	Details
LU05954	LU05954 M.C.S. ENTRIES = ++PTF (LU05954) INCORRECT LRSN VALUE IN THE DML REPORT URID HEADER PROBLEM DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) DML report displays an incorrect LRSN value in the URID header. SYMPTOMS: The LRSN value in the URID header of a DML report is incorrect. IMPACT: Incorrect LRSN value in the URID header. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 17127 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02055-D200 DESC(INCORRECT LRSN VALUE IN THE DML REPORT URID HEADER). ++VER (Z038) FMID (CPLAK00) PRE (LU00940 LU01538 LU02381 LU03250 LU04419 LU04788 LU05155 R096583 R099559 S000020 S000975 S001403 S004245 S008802 S011669 S012889) SUP (LT05954)

Service	Details
LU05967	LU05967 M.C.S. ENTRIES = ++PTF (LU05967) NEW DB2 DEVOPS REST API REQUESTS AND ZOWE CLI INTEGRATION ENHANCEMENT DESCRIPTION: The DBM Data Service in the Database Management Solutions for Db2 for z/OS has been enhanced to provide new DevOps REST API requests. These new REST API requests interact with RC/Migrator and RC/Compare to provide DDL generation, syntax checking, DDL comparison, and Db2 object and data migration. A new DBM for Db2 plug-in for Zowe CLI will be available on npm (npmjs.com). This plug-in uses the new DevOps REST API requests to interact with Db2 using the Database Management Solutions for Db2 from the Zowe CLI interface. You can use the plug-in commands to perform Db2 schema provisioning and automate this task into CI/CD DevOps workflows. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: INS 17078 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02057-D200 DESC(NEW DB2 DEVOPS REST API REQUESTS AND ZOWE CLI INTEGRATION). ++VER (Z038) FMID (CINSK00) PRE (LU00839 LU01610 LU02808 LU03703 LU04412 LU05547 LU05739 S001396 S006978 S008825 S010061 S011373 S013484 S014401) SUP (AL02808 AL03629 AL03869 AL03955 AL04400 LT01837 LT03629 LT03869 LT03955 LT04400 LT05299 LT05361 LT05967 LU01837 LU03629 LU03869 LU03955 LU04400 LU05361 S011679 ST11679) ++IF FMID(CPXNK00) REQ(LU04855). LINK('..PXM/ds/bin/update_tsy.sh') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(PXMDSSMP,PRE). LINK('..PXM/ds/dbm-ds.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(PXMDSSMP,PRE).

Service	Details		
LU05971	LU05971 M.C.S. ENTRIES = ++PTF (LU05971) SELECT STATEMENT FAILURES WRITTEN TO THE PTISELDD DATASET PROBLEM DESCRIPTION: In the Batch Processor (RBP) component of the Database Management Solutions for Db2 for z/OS, users cannot suppress SELECT statement execution failures from being written to the PTISELDD dataset. WRITESQLERROR and NOWRITESQLERROR options are now available for the batch processor script. These options allow you to control whether the SELECT statement execution errors are written to the dataset. SYMPTOMS: Users are seeing SQL errors they do not want written to the dataset for the the SELECT statements. IMPACT: Users do not want to see the SQL errors in the PTISELDD dataset. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: RBP 17142 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02058-D200 DESC(SELECT STATEMENT FAILURES WRITTEN TO THE PTISELDD DATASET). ++VER (Z038) FMID (CINSK00) PRE (LU04412 LU04896 LU05161 S009183) SUP (AL04896 LT05971) ++HOLD (LU05971) SYSTEM FMID(CINSK00) REASON (ACTION) DATE (22144) COMMENT (<table border="1"> <tr> <td>Db2 Common Components</td><td>Version 20.0</td></tr> </table> SEQUENCE After Apply PURPOSE WRITESQLERROR option can be used to write SELECT statement SQL error to the PTISELDD dataset. NOWRITESQLERROR option can be used to stop writing SELECT statement SQL error to the PTISELDD dataset. USERS All Batch Processor Customers AFFECTED KNOWLEDGE Batch Processor commands and their usage. REQUIRED ACCESS None. REQUIRED ***** * STEPS TO PERFORM * *****	Db2 Common Components	Version 20.0
Db2 Common Components	Version 20.0		

Service	Details
	If the customer wishes to route SQL errors to PTISELDD, they must use the new option WRITESQLERROR. If the option WRITESQLERROR is not used, the old behavior of not routing SQL errors to PTISELDD will be observed. * To enable writing SELECT statement SQL errors to PTISELDD, use the following option before the SELECT statement. .OPTION WRITESQLERROR * To disable the previous active WRITESQLERROR option, use the following option before the SELECT statement. .OPTION NOWRITESQLERROR * NOWRITESQLERROR is the default and will be assumed in the absence of these two new options.).

Service	Details
LU05973	LU05973 M.C.S. ENTRIES = ++PTF (LU05973) ISPF FAILURE SPECIFYING DDL REPORT OPTIONS FOR A STRATEGY PROBLEM DESCRIPTION: The Log Analyzer for Db2 for z/OS (PLA) ISPF interface terminates abnormally when DDL report options are entered through the Strategy Services option on Level Sets lower than 20.0.3. The problem occurs when a strategy is updated or when a strategy is created. SYMPTOMS: The ISPF interface terminates and some of the following information is displayed: EDC6006E The raise() function was issued for the signal SIGABRT. From entry point std::terminate() at compile unit offset +000000F4 at entry offset +000000F4 at address xxxxxxxx. User abend code = 4038 Reason code = 01 Module name . . . : LAL\$DDL Entry point address xxxxxxxx IMPACT: DDL report options cannot be specified when a strategy is being created or updated through the Strategy Services option. CIRCUMVENTION: Activate Level Set 20.0.03 or higher. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 17051 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02059-D200 DESC(ISPF FAILURE SPECIFYING DDL REPORT OPTIONS FOR A STRATEGY). ++VER (Z038) FMID (CPLAK00) PRE (LU02230 LU04004 LU04419 S012889) SUP (LT05973) ++IF FMID(CINSK00) REQ(LU05993).

Service	Details
LU05976	LU05976 M.C.S. ENTRIES = ++PTF (LU05976) UTILIZE QWOSREAL TO SHOW CORRECT LPAR REAL STORAGE VALUE ENHANCEMENT DESCRIPTION: SYSVIEW Performance Management Option for Db2 for z/OS now uses the the QWOSREAL field of the QWOS section of IFCID 1 to display the amount of LPAR real storage (IQL field OS-REAL-STG-MB). PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 16992 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02061-D200 DESC(UTILIZE QWOSREAL TO SHOW CORRECT LPAR REAL STORAGE VALUE). ++VER (Z038) FMID (CIDBK00) PRE (LU00697 LU01030 LU01175 LU02033 LU02340 LU02634 LU02646 LU03091 LU03286 LU03348 LU04097 LU04287 LU04374 LU04411 LU04803 LU05058 LU05224 LU05687 R096575 R097703 R099552 S000077 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S010160 S010405 S010739 S010906 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014754 S015049 S015070 S015254 S015647 S016270) SUP (LT05606 LT05976 LU05606 S015913 ST15913)

Service	Details
LU05984	LU05984 M.C.S. ENTRIES = ++PTF (LU05984) PACKAGE OBJECT DEPENDENCIES MISSING IN V12R1M505+ SYSTEMS PROBLEM DESCRIPTION: In Plan Analyzer for Db2 for z/OS (PPADB2), the catalog reports for Package Dependency and Object Reporting are missing report content in a Db2 12 FL505+ system for package or package copies bound prior to Db2 12 FL505. SYMPTOMS: A user who requests in the Table Dependency report in Catalog Object reporting will encounter the following message instead of the listed package dependencies for their table: PP123I: No dependencies found for your Name/Creator selection criteria. Similarly, when a user requests a Package Dependency report, the report is empty and the following message is generated: PP028E: No data was found matching selection criteria. IMPACT: A user is unable to obtain package object dependencies using PPA Dependency reports, specifically, for package or package copies bound prior to Db2 12 FL505. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Plan Analyzer for Db2 for z/OS Version 20.0 Related Problem: PPADB2 17111 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02063-D200 DESC(PACKAGE OBJECT DEPENDENCIES MISSING IN V12R1M505+ SYSTEMS). ++VER (Z038) FMID (CPPAK00) PRE (LU00440 LU00646 LU01892 LU04420 R096584 S001404 S011131) SUP (LT05984)

Service	Details
LU05987	LU05987 M.C.S. ENTRIES = ++PTF (LU05987) SOURCE DEFINITION IS NOT DELETED PROBLEM DESCRIPTION: In RC/Extract for Db2 for z/OS(RCX), deleting a source definition does not work when the registry subsystem(SSID) and the source subsystem(SSID) are different. SYMPTOMS: Deleting a source definition from the command center does not work when the registry SSID is different than the source SSID. IMPACT: The source definition is not deleted. No error or warning is issued. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Extract for Db2 for z/OS Version 20.0 Related Problem: RCX 17110 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02064-D200 DESC(SOURCE DEFINITION IS NOT DELETED). ++VER (Z038) FMID (CRCXK00) PRE (LU04433 S011079) SUP (LT05987)

Service	Details
LU05993	LU05993 M.C.S. ENTRIES = ++PTF (LU05993) ISPF FAILURE SPECIFYING DDL REPORT OPTIONS FOR A STRATEGY PROBLEM DESCRIPTION: The Log Analyzer for Db2 for z/OS (PLA) ISPF interface terminates abnormally when DDL report options are entered through the Strategy Services option on Level Sets lower than 20.0.3. The problem occurs when a strategy is updated or when a strategy is created. SYMPTOMS: The ISPF interface terminates and some of the following information is displayed: EDC6006E The raise() function was issued for the signal SIGABRT. From entry point std::terminate() at compile unit offset +000000F4 at entry offset +000000F4 at address xxxxxxxx. User abend code = 4038 Reason code = 01 Module name . . . : LAL\$DDL Entry point address xxxxxxxx IMPACT: DDL report options cannot be specified when a strategy is being created or updated through the Strategy Services option. CIRCUMVENTION: Activate Level Set 20.0.03 or higher. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 17051 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02059-D200 DESC(ISPF FAILURE SPECIFYING DDL REPORT OPTIONS FOR A STRATEGY). ++VER (Z038) FMID (CINSK00) PRE (LU01178 LU01405 LU04369 LU04412 R096576 R099553) SUP (LT05993) ++IF FMID(CPLAK00) REQ(LU05973).

Service	Details
LU05994	LU05994 M.C.S. ENTRIES = ++PTF (LU05994) The following items are included in this solution: 1. ABEND SC03 IN BATCH UI WHEN IMPORT OR REINIT FUNCTION USED 2. INCORRECT EXCEPTION EXPORTED BY BATCH USER INTERFACE ===== ABEND SC03 IN BATCH UI WHEN IMPORT OR REINIT FUNCTION USED PROBLEM DESCRIPTION: CA SYSVIEW Performance Management Option for Db2 for z/OS Batch User interface (IUIBATCH) may ABEND with completion code SC03 when the JSON exception IMPORT or REINIT function is executed. The problem is most likely to occur if the input EXCJSON DD is allocated to an empty PDS or PDSE or a concatenation of multiple PDS or PDEs. SYMPTOMS: The IUIBATCH joblog contains the following messages: <pre>IEC999I IFGOTCOA,IFGOTCOB,IUIBATCH,.....,DEB ADDR=.....,DSN = ... IEA995I SYMPTOM DUMP OUTPUT SYSTEM COMPLETION CODE=C03 TIME=..... SEQ=..... CPU=.... ASID=..... PSW AT TIME OF ERROR 070C0000 ILC 2 INTC 0D NO ACTIVE MODULE FOUND NAME=UNKNOWN IMPACT: Exception definitions cannot be imported from a concatenation of multiple PDS or PDSE datasets. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17064 ===== INCORRECT EXCEPTION EXPORTED BY BATCH USER INTERFACE PROBLEM DESCRIPTION: CA SYSVIEW Performance Management Option for Db2 for z/OS Batch User Interface (IUIBATCH) can create a PDS member with invalid contents when the JSON exception management EXPORT function is executed. If the output EXCJSON DD is allocated with DISP=MOD, IUIBATCH does not clear the PDS or PDSE directory before writing new members. If the output library already contains a member that was going to be exported a warning message is printed out. Export of this member should be skipped, however due to a code error, the contents of this member are written to a different PDS member. SYMPTOMS: Some of the exported library members contain a concatenation of multiple exception definitions. IMPACT: IUIBATCH EXPORT function may produce a PDS that is unsuitable for the IMPORT or REINIT functions. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: </pre>

Service	Details
	IDB2 17068 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02066-D200 DESC (ABEND SC03 IN BATCH UI WHEN IMPORT OR REINIT FUNCTION USED) . ++VER (Z038) FMID (CIDBK00) PRE (LU04411 LU05497) SUP (LT05994)

Service	Details
LU05995	LU05995 M.C.S. ENTRIES = ++PTF (LU05995) Continuous Delivery Level Set 20.0.04 ENHANCEMENT DESCRIPTION: Adds support for Db2 13 and creates a common maintenance point of all PTFs published since 20.0.03 was published. No activation is required. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: GEN 17201 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02067-D200 DESC(Continuous Delivery Level Set 20.0.04). ++VER (Z038) FMID (CINSK00) PRE (LU00162 LU01290 LU03712 LU04412 LU04874 LU04930 LU04945 LU04950 LU04988 LU05031 LU05059 LU05080 LU05089 LU05109 LU05111 LU05142 LU05156 LU05161 LU05162 LU05175 LU05206 LU05242 LU05243 LU05276 LU05278 LU05296 LU05312 LU05331 LU05347 LU05359 LU05361 LU05364 LU05366 LU05367 LU05382 LU05396 LU05401 LU05407 LU05444 LU05511 LU05520 LU05547 LU05590 LU05596 LU05629 LU05701 LU05717 LU05739 LU05764 LU05775 LU05790 LU05794 LU05798 LU05865 LU05876 LU05886 LU05931 LU05967 LU05971 LU05993 LU05997 LU06046 LU06073 LU06081 LU06107 SO13827) SUP (LT05995) ++IF FMID(CAHOK00) REQ(LU04949 LU05377 LU05628). ++IF FMID(CIDBK00) REQ(LU05006 LU05032 LU05058 LU05098 LU05103 LU05211 LU05224 LU05271 LU05464 LU05497 LU05564 LU05600 LU05606 LU05647 LU05685 LU05687 LU05749 LU05767 LU05788 LU05851 LU05879 LU05976 LU05994 LU05999 LU06033 LU06045 LU06100). ++IF FMID(COFSK00) REQ(LU05035 LU05335 LU05528 LU05806 LU06047). ++IF FMID(CPDAK00) REQ(LU04989 LU05085 LU05102 LU05112 LU05495 LU05663 LU06082). ++IF FMID(CPDTK00) REQ(LU05025 LU05052 LU05060 LU05113 LU05127 LU05152 LU05265 LU05503 LU05530 LU05545 LU05562 LU05796 LU05823 LU05873 LU05875 LU05998 LU06048). ++IF FMID(CPFLK00) REQ(LU04980 LU05207 LU05225 LU05348 LU05457 LU05534 LU05866 LU05880 LU05883 LU06077). ++IF FMID(CPFUK00) REQ(LU04981 LU05114 LU05304 LU05397 LU05630 LU05747 LU05881 LU05887 LU06078 LU06083). ++IF FMID(CPLAK00) REQ(LU05019 LU05115 LU05155 LU05352 LU05496 LU05577 LU05734 LU05954 LU05973 LU06084). ++IF FMID(CPPAK00) REQ(LU04797 LU05116 LU05313 LU05597 LU05984). ++IF FMID(CPRAK00) REQ(LU05140 LU05732). ++IF FMID(CPRFK00) REQ(LU05169 LU05681 LU06085). ++IF FMID(CPRFK01) REQ(LU05170 LU05682). ++IF FMID(CPRFK02) REQ(LU05171 LU05683). ++IF FMID(CPRRK00) REQ(LU04965 LU05208 LU05867 LU06079).

Service	Details
	<pre> ++IF FMID(CPSAK00) REQ(LU05461 LU05515 LU05761 LU06049 LU06074). ++IF FMID(CPUTK00) REQ(LU04982 LU05117 LU05209 LU05292 LU05305 LU05349 LU05423 LU05535 LU05868 LU05884 LU06050 LU06080 LU06086). ++IF FMID(CRCMK00) REQ(LU04875 LU04931 LU04951 LU05090 LU05631). ++IF FMID(CRCQK00) REQ(LU04952 LU05036 LU05176 LU05277 LU05408 LU05505 LU05555 LU05632 LU05797). ++IF FMID(CRCSK00) REQ(LU04953 LU05091 LU05633 LU05836). ++IF FMID(CRCUK00) REQ(LU04932 LU05118 LU05177 LU05634 LU05888). ++IF FMID(CRCXK00) REQ(LU05635 LU05889 LU05987). ++IF FMID(CSQ2100) REQ(LU05110). ++IF FMID(CUGRK00) REQ(LU04966 LU05210 LU05350 LU05387 LU05422 LU05684 LU05695 LU05816 LU05850 LU05857 LU05869 LU05900 LU05913 LU06000 LU06034 LU06087). </pre>

Service	Details
LU05997	LU05997 M.C.S. ENTRIES = ++PTF (LU05997) DETECTOR SQL TRACE OPTION 3 VIEW/TERM U0113 ABEND PROBLEM DESCRIPTION: Detector for DB2 for z/OS (PDT) may issue a user abend 0113 and reference load module PXMTCTCC. This occurs when the Select/View option is selected in the DETECTOR SQL Trace Status Display. SYMPTOMS: The following messages are issued: IRX0251E User abend code 0113, reason code 00000000. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. *** PXM0810 XMANAGER RECOVERY IN PROGRESS (TCB 007A0E88) PXM0811 PSW: 078D1000 BC2BA8C8 LMOD: PXMTCTCC OFFSET: 000008C8 ABEND: U071 PXM0812 GPRS 0 1 00000000 80000000 00000000 80000071 PXM0812 2 3 00000000 C4E35BD9 00000000 C4C9C540 PXM0812 4 5 00000000 FFFFFFFF 00000000 3C4F01AC PXM0812 6 7 00000000 3C2F0000 00000000 00000001 PXM0812 8 9 00000000 3C2BB1A0 00000000 3C2FBAD0 PXM0812 10 11 00000000 BC2BA01C 00000000 3C2CC758 PXM0812 12 13 00000000 3C2CC8EC 00000000 3C2FBAD0 PXM0812 14 15 00000000 00005C01 00000000 00000000 IMPACT: Not able to select/view an active thread on the DETECTOR SQL Trace Status display. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 16971 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02068-D200 DESC(DETECTOR SQL TRACE OPTION 3 VIEW/TERM U0113 ABEND). ++VER (Z038) FMID (CINSK00) PRE (LU00523 LU01978 LU04412 LU05347 LU05717 S004756 S006113 S011317) SUP (LT05997) ++IF FMID(CPDTK00) REQ(LU05998). ++HOLD (LU05997) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22143) COMMENT (+-----+ Db2 Common Components

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
LU05998	LU05998 M.C.S. ENTRIES = ++PTF (LU05998) DETECTOR SQL TRACE OPTION 3 VIEW/TERM U0113 ABEND PROBLEM DESCRIPTION: Detector for DB2 for z/OS (PDT) may issue a user abend 0113 and reference load module PXMTCTCC. This occurs when the Select/View option is selected in the DETECTOR SQL Trace Status Display. SYMPTOMS: The following messages are issued: IRX0251E User abend code 0113, reason code 00000000. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. *** PXM0810 XMANAGER RECOVERY IN PROGRESS (TCB 007A0E88) PXM0811 PSW: 078D1000 BC2BA8C8 LMOD: PXMTCTCC OFFSET: 000008C8 ABEND: U071 PXM0812 GPRS 0 1 00000000 80000000 00000000 80000071 PXM0812 2 3 00000000 C4E35BD9 00000000 C4C9C540 PXM0812 4 5 00000000 FFFFFFFF 00000000 3C4F01AC PXM0812 6 7 00000000 3C2F0000 00000000 00000001 PXM0812 8 9 00000000 3C2BB1A0 00000000 3C2FBAD0 PXM0812 10 11 00000000 BC2BA01C 00000000 3C2CC758 PXM0812 12 13 00000000 3C2CC8EC 00000000 3C2FBAD0 PXM0812 14 15 00000000 00005C01 00000000 00000000 IMPACT: Not able to select/view an active thread on the DETECTOR SQL Trace Status display. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 16971 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02068-D200 DESC(DETECTOR SQL TRACE OPTION 3 VIEW/TERM U0113 ABEND). ++VER (Z038) FMID (CPDTK00) PRE (LU04416) SUP (LT05998) ++IF FMID(CINSK00) REQ(LU05997).

Service	Details
LU05999	LU05999 M.C.S. ENTRIES = ++PTF (LU05999) ENHANCE THE PROCESSING OF ACTIVE THREADS PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) might encounter a situation where a THREAD-STATS (IFCID148) record being processed was produced by DB2 right before the thread ended. In this case processing this record may produce unreliable results. IDB2 will double check whether the threads for which the THREAD-STATS records were obtained are still active before processing them. SYMPTOMS: Incorrect values of the elapsed and CPU times. IMPACT: A very low number of the THREAD-STATS records may provide unreliable information. IQL exceptions based on the THREAD-STATS records might occasionally be triggered erroneously. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17053 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2069-D200 DESC (ENHANCE THE PROCESSING OF ACTIVE THREADS). ++VER (Z038) FMID (CIDBK00) PRE (LU01030 LU02340 LU02634 LU02646 LU03286 LU03348 LU04411 LU05058 LU05271 R096575 R099552 S000077 S001395 S004454 S006112 S006862 S007806 S008846 S009519 S010906 S011977 S012769 S013508 S013557 S013891 S014099 S015254) SUP (LT03455 LT05211 LT05999 LU03455 LU05211 S009743 S014337 S016046 ST09743 ST14337 ST16046)

Service	Details
LU06000	LU06000 M.C.S. ENTRIES = ++PTF (LU06000) PFR PBR2 BY PART PROCESSING MAY NOT WORK WITH COMBINED LOGIC PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS(PFR) may fail when recovering a PBR2 tablespace that was copied for few partitions in a single dataset and PFR tries to recover by-part from that single copy when COMBINED-LOGIC and SORTLOG YES is used. SYMPTOMS: IBM CHECK INDEX may fail for a few PBR2 partitions after PFR RECOVER. IMPACT: PFR COMBINED-LOGIC with SORTLOG YES may not work for a few PBR2 partitions. CIRCUMVENTION: Use SORTLOG NO engine. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.00 Related Problem: PFR 17125 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02070-D200 DESC(PFR PBR2 BY PART PROCESSING MAY NOT WORK WITH COMBINED LOGIC) . ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU02712 LU04435 LU05850 S014568) SUP (AL05695 AL05850 LT02015 LT02048 LT05695 LT05816 LT06000 LU02048 LU05695 LU05816 S015817 ST15817)

Service	Details
LU06033	LU06033 M.C.S. ENTRIES = ++PTF (LU06033) LOOP IN NGRABP2 COLLECTING THREAD-STATS AT Z/OS 2.5 PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) data collector may enter an infinite loop when collecting IFCID 148 records on z/OS 2.5 systems. SYMPTOMS: High CPU usage. IMPACT: High CPU usage/disruption of workflow. The data collector will stop collecting normal interval data. CIRCUMVENTION: Disable collection of THREAD-STATS. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17233 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02073-D200 DESC (LOOP IN NGRABP2 COLLECTING THREAD-STATS AT Z/OS 2.5). ++VER (Z038) FMID (CIDBK00) PRE (LU02340 LU02634 LU02646 LU04411 LU05058 LU05271 LU05999 R096575 S001395 S004454 S006112 S006862 S007806 S010906 S011977 S012769 S013508 S013557 S013891 S014099 S015254) SUP (BC13004 LT06033 S009743 S014337 S016046 ST09743 ST14337 ST16046)

Service	Details
LU06034	LU06034 M.C.S. ENTRIES = ++PTF (LU06034) PFR THROWS PFR0446E WHEN TS IS PLACED AFTER INDEX IN SYNTAX PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) may fail to recover when RECOVER TABLESPACE syntax is placed right after RECOVER INDEX syntax when multiple tablespaces and indexes are specified during the recovery. Example: RECOVER INDEX RECOVER INDEX RECOVER TABLESPACE RECOVER TABLESPACE SYMPTOMS: PFR ends with RC=8 and below error: PFR0446E - INDEX 'CCCCCCC.XXXXXXXXXX' NOT FOUND THIS ERROR HAS OCCURRED IN CSECT - GRABLD0B IMPACT: PFR recover syntax may fail. CIRCUMVENTION: Change the order of objects so index RECOVER syntax are specified after the tablespace. Example: RECOVER TABLESPACE RECOVER TABLESPACE RECOVER INDEX RECOVER INDEX PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 17035 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02074-D200 DESC(PFR THROWS PFR0446E WHEN TS IS PLACED AFTER INDEX IN SYNTAX) . ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00689 LU00728 LU01292 LU03186 LU03235 LU03859 LU04435 LU05850 R096595 R099574 S000029 S000788 S001660 S004251 S006132 S006879 S007826 S007905 S008280 S008466 S008833 S009742 S009748 S010165 S010818 S012155 S013130 S013206) SUP (LT05914 LT06034 S011930 ST11930) ++HOLD (LU06034) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (22151) COMMENT (+-----+

Service	Details
	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.
	).

Service	Details																
LU06045	LU06045 M.C.S. ENTRIES = ++PTF (LU06045) The following items are included in this solution: 1. ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 2. ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ===== ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ENHANCEMENT DESCRIPTION: Architectural runway work in support of next version of Db2. PRODUCT(S) AFFECTED: <table> <tr> <td>Db2 Common Components</td><td>Version 20.0</td></tr> <tr> <td>Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Subsystem Analyzer for Db2 for z/OS</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>Log Analyzer for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Database Analyzer for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Migrator for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PDT 16297 ===== ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ENHANCEMENT DESCRIPTION: SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) architectural runway work in support of next version of Db2. PRODUCT(S) AFFECTED: <table> <tr> <td>SYSVIEW Performance Management Option for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: IDB2 16452 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02075-D200 DESC(ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2). ++VER (Z038) FMID (CIDBK00) PRE (LU00299 LU00545 LU00697 LU01030 LU01041 LU01175 LU01541 LU02033 LU02118 LU02303 LU02340 LU02516 LU02634 LU02642 LU02646 LU02708 LU03091 LU03286 LU03348 LU03929 LU04097 LU04282 LU04287 LU04374 LU04411 LU04498 LU04803 LU05058 LU05224 LU05271 LU05687 LU05749 LU05976 R096575 R097703 R098428 R099552 S000077 S001395 S001664 S004454 S006112 S006333 S006862 S007806 S008846 S009519 S010160 S010405 S010739 S010906 S011616 S011693 S011780 S011977 S012428 S012769 S013508 S013557 S013891 S014016 S014099 S014642 S014754 S014843 S014883 S014923 S015049 S015070 S015254 S015647 S016270 S016300) SUP (AL04803 BC13004 LT00159 LT01035 LT01845 LT02031 LT03455 LT04919 LT05211 LT05564 LT05600 LT05606 LT05999 LT06002 LT06033 LT06045 LU00159 LU01035 LU01845 LU02031 LU03455 LU04919 LU05211 LU05564 LU05600 LU05606 LU05999 LU06033 S008728 S009743 S012078 S013032 S014337 S014357 S015913 S016046 ST03732 ST06087 ST08728 ST09743 ST10533 ST12078 ST13032 ST13775 ST14337 ST14357 ST15913 ST16046 ST16189 TR98366) ++IF FMID(CINSK00) REQ(LU06046).	Db2 Common Components	Version 20.0	Detector for DB2 for z/OS	Version 20.0	Subsystem Analyzer for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Log Analyzer for Db2 for z/OS	Version 20.0	Database Analyzer for Db2 for z/OS	Version 20.0	RC/Migrator for Db2 for z/OS	Version 20.0	SYSVIEW Performance Management Option for Db2 for z/OS	Version 20.0
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Database Analyzer for Db2 for z/OS	Version 20.0																
RC/Migrator for Db2 for z/OS	Version 20.0																
SYSVIEW Performance Management Option for Db2 for z/OS	Version 20.0																

Service	Details
	<pre> ++IF FMID(COFSK00) REQ(LU06047). ++IF FMID(CPDTK00) REQ(LU06048). ++IF FMID(CPSAK00) REQ(LU06049). ++IF FMID(CPUTK00) REQ(LU06050). ++HOLD (LU06045) SYSTEM FMID(CIDBK00) REASON (RESTART) DATE (22146) 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. 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
LU06046	M.C.S. ENTRIES = ++PTF (LU06046) The following items are included in this solution: 1. ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 2. ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ===== ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ENHANCEMENT DESCRIPTION: Architectural runway work in support of next version of Db2. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Detector for DB2 for z/OS Version 20.0 Subsystem Analyzer for Db2 for z/OS Version 20.0 Fast Load for Db2 for z/OS Version 20.0 Log Analyzer for Db2 for z/OS Version 20.0 Database Analyzer for Db2 for z/OS Version 20.0 RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: PDT 16297 ===== ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ENHANCEMENT DESCRIPTION: SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) architectural runway work in support of next version of Db2. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 16452 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02075-D200 DESC(ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2). ++VER (Z038) FMID (CINSK00) PRE (LU00254 LU01039 LU01106 LU01362 LU01978 LU02279 LU03314 LU03657 LU03923 LU04084 LU04149 LU04230 LU04355 LU04412 R096576 R097704 R099979 S001396 S001665 S005070 S006113 S006863 S007560 S009693 S009929 S010004 S011623 S012396 S012537 S012933 S013484 S013509 S013717 S014052 S014634 S014874 S015804) SUP (LT06003 LT06046) ++IF FMID(CIDBK00) REQ(LU06045) . ++IF FMID(COFSK00) REQ(LU06047) . ++IF FMID(CPDTK00) REQ(LU06048) . ++IF FMID(CPSAK00) REQ(LU06049) . ++IF FMID(CPUTK00) REQ(LU06050) . ++HOLD (LU06046) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22146) COMMENT (+-----+ Db2 Common Components Version 20.0 +-----+ SEQUENCE Before Apply +-----+

Service	Details
	<pre> 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																
LU06047	LU06047 M.C.S. ENTRIES = ++PTF (LU06047) The following items are included in this solution: 1. ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 2. ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ===== ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ENHANCEMENT DESCRIPTION: Architectural runway work in support of next version of Db2. PRODUCT(S) AFFECTED: <table> <tr> <td>Db2 Common Components</td><td>Version 20.0</td></tr> <tr> <td>Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Subsystem Analyzer for Db2 for z/OS</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>Log Analyzer for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Database Analyzer for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Migrator for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PDT 16297 ===== ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ENHANCEMENT DESCRIPTION: SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) architectural runway work in support of next version of Db2. PRODUCT(S) AFFECTED: <table> <tr> <td>SYSVIEW Performance Management Option for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: IDB2 16452 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02075-D200 DESC(ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2). ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU01053 LU02280 LU03315 LU03659 LU04085 LU04413 LU05528 R096577 R097705 R099554 S001397 S001666 S004456 S006114 S006864 S007808 S008663 S015225 S015440) SUP (LT06004 LT06047) ++IF FMID(CIDBK00) REQ(LU06045). ++IF FMID(CINSK00) REQ(LU06046). ++IF FMID(CPDTK00) REQ(LU06048). ++IF FMID(CPSAK00) REQ(LU06049). ++IF FMID(CPUTK00) REQ(LU06050).	Db2 Common Components	Version 20.0	Detector for DB2 for z/OS	Version 20.0	Subsystem Analyzer for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Log Analyzer for Db2 for z/OS	Version 20.0	Database Analyzer for Db2 for z/OS	Version 20.0	RC/Migrator for Db2 for z/OS	Version 20.0	SYSVIEW Performance Management Option for Db2 for z/OS	Version 20.0
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Database Analyzer for Db2 for z/OS	Version 20.0																
RC/Migrator for Db2 for z/OS	Version 20.0																
SYSVIEW Performance Management Option for Db2 for z/OS	Version 20.0																

Service	Details																
LU06048	LU06048 M.C.S. ENTRIES = ++PTF (LU06048) The following items are included in this solution: 1. ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 2. ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ===== ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ENHANCEMENT DESCRIPTION: Architectural runway work in support of next version of Db2. PRODUCT(S) AFFECTED: <table> <tr> <td>Db2 Common Components</td><td>Version 20.0</td></tr> <tr> <td>Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Subsystem Analyzer for Db2 for z/OS</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>Log Analyzer for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Database Analyzer for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Migrator for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PDT 16297 ===== ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ENHANCEMENT DESCRIPTION: SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) architectural runway work in support of next version of Db2. PRODUCT(S) AFFECTED: <table> <tr> <td>SYSVIEW Performance Management Option for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: IDB2 16452 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02075-D200 DESC(ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2). ++VER (Z038) FMID (CPDTK00) PRE (LU00240 LU00329 LU00402 LU00549 LU00684 LU01002 LU01215 LU01393 LU01467 LU01542 LU01841 LU01933 LU02108 LU02132 LU02220 LU02290 LU02554 LU02706 LU02796 LU02944 LU03093 LU03461 LU03809 LU03917 LU04231 LU04263 LU04416 LU05052 LU05127 LU05152 LU05823 LU05998 R096168 R096580 R097707 R098429 R099556 R099946 S000263 S000423 S001400 S003942 S004458 S004757 S006116 S006334 S006838 S006865 S007810 S007988 S008129 S008323 S008446 S008789 S009044 S009065 S009239 S009601 S009811 S009828 S010018 S010492 S010538 S010652 S010908 S011263 S011694 S011717 S011983 S012131 S012429 S012538 S012921 S013450 S013655 S013887 S013889 S014267 S014338 S014680 S015073 S015199 S015395 S015499 S015573 S015723 S015843 S015927 S016113) SUP (AL05152 LT00307 LT01214 LT01903 LT01956 LT02217 LT03386 LT03406 LT04015 LT04175 LT05265 LT05502 LT05503 LT05545 LT06005 LT06048 LU03386 LU03406 LU04015 LU05265 LU05503 LU05545 ST07220 ST10536) ++IF FMID(CIDBK00) REQ(LU06045). ++IF FMID(CINSK00) REQ(LU06046). ++IF FMID(COFSK00) REQ(LU06047).	Db2 Common Components	Version 20.0	Detector for DB2 for z/OS	Version 20.0	Subsystem Analyzer for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Log Analyzer for Db2 for z/OS	Version 20.0	Database Analyzer for Db2 for z/OS	Version 20.0	RC/Migrator for Db2 for z/OS	Version 20.0	SYSVIEW Performance Management Option for Db2 for z/OS	Version 20.0
Db2 Common Components	Version 20.0																
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RC/Migrator for Db2 for z/OS	Version 20.0																
SYSVIEW Performance Management Option for Db2 for z/OS	Version 20.0																

Service	Details
	<pre> ++IF FMID(CPSAK00) REQ(LU06049). ++IF FMID(CPUTK00) REQ(LU06050). ++HOLD (LU06048) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22146) COMMENT (+-----+ Detector for Db2 for z/OS Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. 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
LU06049	LU06049 M.C.S. ENTRIES = ++PTF (LU06049) The following items are included in this solution: 1. ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 2. ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ===== ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ENHANCEMENT DESCRIPTION: Architectural runway work in support of next version of Db2. PRODUCT(S) AFFECTED: Db2 Common Components

Service	Details
	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.).

Service	Details																
LU06050	LU06050 M.C.S. ENTRIES = ++PTF (LU06050) The following items are included in this solution: 1. ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 2. ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ===== ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ENHANCEMENT DESCRIPTION: Architectural runway work in support of next version of Db2. PRODUCT(S) AFFECTED: <table> <tr> <td>Db2 Common Components</td><td>Version 20.0</td></tr> <tr> <td>Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Subsystem Analyzer for Db2 for z/OS</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>Log Analyzer for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Database Analyzer for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Migrator for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PDT 16297 ===== ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ENHANCEMENT DESCRIPTION: SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) architectural runway work in support of next version of Db2. PRODUCT(S) AFFECTED: <table> <tr> <td>SYSVIEW Performance Management Option for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: IDB2 16452 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02075-D200 DESC(ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2). ++VER (Z038) FMID (CPUTK00) PRE (LU04427 S000024 S011999 S012153) SUP (LT06007 LT06050) ++IF FMID(CIDBK00) REQ(LU06045). ++IF FMID(CINSK00) REQ(LU06046). ++IF FMID(COFSK00) REQ(LU06047). ++IF FMID(CPDTK00) REQ(LU06048). ++IF FMID(CPSAK00) REQ(LU06049).	Db2 Common Components	Version 20.0	Detector for DB2 for z/OS	Version 20.0	Subsystem Analyzer for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Log Analyzer for Db2 for z/OS	Version 20.0	Database Analyzer for Db2 for z/OS	Version 20.0	RC/Migrator for Db2 for z/OS	Version 20.0	SYSVIEW Performance Management Option for Db2 for z/OS	Version 20.0
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SYSVIEW Performance Management Option for Db2 for z/OS	Version 20.0																

Service	Details
LU06073	LU06073 M.C.S. ENTRIES = ++PTF (LU06073) ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ENHANCEMENT DESCRIPTION: Architectural runway work in support of next version of Db2. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Subsystem Analyzer for Db2 for z/OS Version 20.0 Related Problem: PTT 17276 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02078-D200 DESC (ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2). ++VER (Z038) FMID (CINSK00) PRE (LU00523 LU01362 LU01978 LU04230 LU04355 LU04412 LU06046 S001396 S001665 S006113 S006863 S012396 S012537 S013509 S014874) SUP (LT00921 LT04459 LT06073 LU00921 LU04459 S005070 S009693 S009929 S010750 S014634 ST05070 ST09693 ST09929 ST10750 ST14634) ++IF FMID(CPSAK00) REQ(LU06074). ++HOLD (LU06073) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22147) COMMENT (<pre> +-----+ Db2 Common Components Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with </pre>

Service	Details
	Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.). CSECT (TT\$RP2C1, UDBRP, ESTAERP, XDB2CMD, CHKRTCDE, CONVNUM, FREEPSET, GETZDATA, SCHDLOAD, SCHEDULE, CIRBSRB, ESTAEIRB, EXITIRB, LOADIRB, KILLSRB, KILLIRB, RESUME, FREEDD, FREEDSN, ALLOCDA) . CSECT (TT\$RP2C2, UDBRP, ESTAERP, XDB2CMD, CHKRTCDE, CONVNUM, FREEPSET, GETZDATA, SCHDLOAD, SCHEDULE, CIRBSRB, ESTAEIRB, EXITIRB, LOADIRB, KILLSRB, KILLIRB, RESUME, FREEDD, FREEDSN, ALLOCDA) . CSECT (TT\$RP2C3, UDBRP, ESTAERP, XDB2CMD, CHKRTCDE, CONVNUM, FREEPSET, GETZDATA, SCHDLOAD, SCHEDULE, CIRBSRB, ESTAEIRB, EXITIRB, LOADIRB, KILLSRB, KILLIRB, RESUME, FREEDD, FREEDSN, ALLOCDA) . CSECT (TT\$SC2CC, SCHDEXEC, SCHDINPT, FREESCHD, ECHORMT, POSTME, ESTAERTN) .

Service	Details
LU06074	LU06074 M.C.S. ENTRIES = ++PTF (LU06074) ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2 ENHANCEMENT DESCRIPTION: Architectural runway work in support of next version of Db2. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Subsystem Analyzer for Db2 for z/OS Version 20.0 Related Problem: PTT 17276 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02078-D200 DESC (ARCHITECTURAL RUNWAY WORK IN SUPPORT OF NEXT VERSION OF DB2). ++VER (Z038) FMID (CPSAK00) PRE (LU04426) SUP (LT06074) ++IF FMID(CINSK00) REQ(LU06073).

Service	Details										
LU06077	LU06077 M.C.S. ENTRIES = ++PTF (LU06077) SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501 PROBLEM DESCRIPTION: Database Management Solutions for Db2 for z/OS Utilities is providing support for Db2 function and catalog level V13R1M501 SYMPTOMS: Running a utility on a Db2 13 subsystem without this PTF results in the following message: PUT9700E - Unsupported Db2 function level: V13R1Mxxx Highest supported function level : V12R1M510 IMPACT: Unable to run Utilities on Db2 13. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</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 Load 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 17278 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02080-D200 DESC(SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501). ++VER (Z038) FMID (CPFLK00) PRE (LU00301 LU01349 LU02243 LU03191 LU03210 LU03684 LU03742 LU04417 LU05207 LU05225 LU05348 LU05534 S000018 S001656 S006117 S008071 S009024 S011107 S011996 S012107 S012150 S012275 S012526 S013150 S013706 S014031 S015235 S015484) SUP (LT02821 LT03038 LT06077 ST11056 ST13122 ST15157) ++IF FMID(CPFUK00) REQ(LU06078). ++IF FMID(CPRRK00) REQ(LU06079). ++IF FMID(CPUTK00) REQ(LU06080).	Utilities Common	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load 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 Unload for Db2 for z/OS	Version 20.0										
Fast Load 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										
LU06078	LU06078 M.C.S. ENTRIES = ++PTF (LU06078) SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501 PROBLEM DESCRIPTION: Database Management Solutions for Db2 for z/OS Utilities is providing support for Db2 function and catalog level V13R1M501 SYMPTOMS: Running a utility on a Db2 13 subsystem without this PTF results in the following message: PUT9700E - Unsupported Db2 function level: V13R1Mxxx Highest supported function level : V12R1M510 IMPACT: Unable to run Utilities on Db2 13. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</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 Load 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 17278 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2080-D200 DESC(SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501). ++VER (Z038) FMID (CPFUK00) PRE (LU00302 LU01350 LU02727 LU03032 LU03211 LU03265 LU03353 LU03732 LU04418 LU04789 LU04868 R099558 S000019 S001402 S001818 S004460 S006118 S006867 S007812 S008860 S011108 S011997 S012151 S013151 S013707 S014984 S015236 S016195) SUP (LT02822 LT03039 LT06078 ST13123 ST15158) ++IF FMID(CPFLK00) REQ(LU06077). ++IF FMID(CPRRK00) REQ(LU06079). ++IF FMID(CPUTK00) REQ(LU06080).	Utilities Common	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load 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 Unload for Db2 for z/OS	Version 20.0										
Fast Load 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																														
LU06079	LU06079 M.C.S. ENTRIES = ++PTF (LU06079) SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501 PROBLEM DESCRIPTION: Database Management Solutions for Db2 for z/OS Utilities is providing support for Db2 function and catalog level V13R1M501 SYMPTOMS: Running a utility on a Db2 13 subsystem without this PTF results in the following message: PUT9700E - Unsupported Db2 function level: V13R1Mxxx Highest supported function level : V12R1M510 IMPACT: Unable to run Utilities on Db2 13. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</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 Load 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 17278 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2080-D200 DESC(SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501). ++VER (Z038) FMID (CPRRK00) PRE (LU00303 LU01351 LU03034 LU03212 LU03233 LU03733 LU04425 LU04637 LU04965 LU05208 R096588 R097715 R098968 S000023 S000846 S001658 S006125 S006582 S006609 S007818 S009026 S009089 S009599 S009905 S011080 S011109 S011200 S011237 S011998 S012109 S012152 S012277 S012528 S012716 S013152 S013176 S013204 S013339 S013635 S013708 S014640 S015124 S015237 S015313) SUP (LT02823 LT03040 LT06079 S015585 ST11058 ST15159 ST15282 ST15289 ST15585) ++IF FMID(CPFLK00) REQ(LU06077). ++IF FMID(CPFUK00) REQ(LU06078). ++IF FMID(CPUTK00) REQ(LU06080). ++HOLD (LU06079) SYSTEM FMID(CPRRK00) REASON (MSGSKEL) DATE (22151) COMMENT (<table> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> Rapid Reorg for Db2 for z/OS</td><td> Version 20.0 </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> SEQUENCE After Apply</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> PURPOSE Relink XMESSAGES</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> USERS </td><td> </td></tr> <tr> <td> AFFECTED All Db2 Tools Users</td><td> </td></tr> <tr> <td colspan="2">+-----+</td></tr> </table>	Utilities Common	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load 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	+-----+		Rapid Reorg for Db2 for z/OS	Version 20.0	+-----+		SEQUENCE After Apply		+-----+		PURPOSE Relink XMESSAGES		+-----+		USERS		AFFECTED All Db2 Tools Users		+-----+	
Utilities Common	Version 20.0																														
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Service	Details
	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.).

Service	Details										
LU06080	LU06080 M.C.S. ENTRIES = ++PTF (LU06080) SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501 PROBLEM DESCRIPTION: Database Management Solutions for Db2 for z/OS Utilities is providing support for Db2 function and catalog level V13R1M501 SYMPTOMS: Running a utility on a Db2 13 subsystem without this PTF results in the following message: PUT9700E - Unsupported Db2 function level: V13R1Mxxx Highest supported function level : V12R1M510 IMPACT: Unable to run Utilities on Db2 13. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</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 Load 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 17278 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2080-D200 DESC(SUPPORT FOR DB2 FUNCTION LEVEL V13R1M501). ++VER (Z038) FMID (CPUTK00) PRE (LU00304 LU00727 LU01352 LU03213 LU03234 LU03734 LU04427 LU04990 LU05209 R098969 S000024 S006127 S011110 S011604 S011999 S012153 S013153 S013205 S013709 S015238 S015486) SUP (LT02824 LT03041 LT06080 ST15160) ++IF FMID(CPFLK00) REQ(LU06077). ++IF FMID(CPFUK00) REQ(LU06078). ++IF FMID(CPRRK00) REQ(LU06079).	Utilities Common	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load 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 Unload for Db2 for z/OS	Version 20.0										
Fast Load 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
LU06081	LU06081 M.C.S. ENTRIES = ++PTF (LU06081) FIX POST-INSTALL BIND PACKAGE RELATED ISSUES PROBLEM DESCRIPTION: The following post-install bind package issues have been fixed. 1. The following packages are not bound in "Bind Product Package and Plans" option 0 (Bind ALL product packages and plans) as they are not part of any PACK member. For this reason, some components are not bound in the post-install full bind option 0 (Bind ALL product packages and plans), but they are appearing in the incremental bind package option 3 (Bind only product packages for maintenance). UTAGLD13 RAAPBP# PTCLLABH MMA@VREC 2. Options 1 and 3 (Bind only product packages for maintenance) under the post-install DB2 Task "Bind Product Packages and Plans" incorrectly report that all packages need to be bound, even though no BIND PACKAGE statement is generated at the end: The following sample output might appear in the SYSPRINT GENRBIND step. INLPKQRY is determining which maintenance packages need binding. <pre>PACKAGES CHECKED = 356 PACKAGES TO BIND = 356 PACKAGES ALREADY BOUND = 0</pre> The modified packages are not properly bound as needed and running the Database Management Solutions for Db2 for z/OS might fail with SQLCODE=-805 as a result. CIRCUMVENTION: 1. The missing components in full bind option 0 need to be bound with incremental bind option 3 in the post-install. 2. Use option 0 (Bind ALL product packages and plans) to bind everything. PRODUCT(S) AFFECTED: Database Management Solutions for Db2 for z/OS Version 20.0 Related Problem: INS 16890 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02081-D200 DESC(FIX POST-INSTALL BIND PACKAGE RELATED ISSUES). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU01405 LU04412 R096576 R097704 S001396 S001655 S006863 S009105 S009761 S009860 S010004 S015075) SUP (LT05906 LT06081) ++IF FMID(CPDAK00) REQ(LU06082). ++IF FMID(CPFUK00) REQ(LU06083). ++IF FMID(CPLAK00) REQ(LU06084). ++IF FMID(CPRFK00) REQ(LU06085). ++IF FMID(CPUTK00) REQ(LU06086). ++IF FMID(CUGRK00) REQ(LU06087). ++HOLD (LU06081) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (22151) COMMENT (+-----+

Service	Details																		
	<table border="1"> <thead> <tr> <th>Db2 Common Components</th><th>Version 20.0</th></tr> </thead> <tbody> <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> </tbody> </table> ***** * STEPS TO PERFORM * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. 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.	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																		
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USERS																			
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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
	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
LU06082	LU06082 M.C.S. ENTRIES = ++PTF (LU06082) FIX POST-INSTALL BIND PACKAGE RELATED ISSUES PROBLEM DESCRIPTION: The following post-install bind package issues have been fixed. 1. The following packages are not bound in "Bind Product Package and Plans" option 0 (Bind ALL product packages and plans) as they are not part of any PACK member. For this reason, some components are not bound in the post-install full bind option 0 (Bind ALL product packages and plans), but they are appearing in the incremental bind package option 3 (Bind only product packages for maintenance). UTAGLD13 RAAPBP# PTCLLABH MMA@VREC 2. Options 1 and 3 (Bind only product packages for maintenance) under the post-install DB2 Task "Bind Product Packages and Plans" incorrectly report that all packages need to be bound, even though no BIND PACKAGE statement is generated at the end: The following sample output might appear in the SYSPRINT GENRBIND step. INLPKQRY is determining which maintenance packages need binding. <pre>PACKAGES CHECKED = 356 PACKAGES TO BIND = 356 PACKAGES ALREADY BOUND = 0</pre> The modified packages are not properly bound as needed and running the Database Management Solutions for Db2 for z/OS might fail with SQLCODE=-805 as a result. CIRCUMVENTION: 1. The missing components in full bind option 0 need to be bound with incremental bind option 3 in the post-install. 2. Use option 0 (Bind ALL product packages and plans) to bind everything. PRODUCT(S) AFFECTED: Database Management Solutions for Db2 for z/OS Version 20.0 Related Problem: INS 16890 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02081-D200 DESC(FIX POST-INSTALL BIND PACKAGE RELATED ISSUES). ++VER (Z038) FMID (CPDAK00) PRE (LU04415 S007809 S014175) SUP (LT05907 LT06082) ++IF FMID(CINSK00) REQ(LU06081). ++IF FMID(CPFUK00) REQ(LU06083). ++IF FMID(CPLAK00) REQ(LU06084). ++IF FMID(CPRFK00) REQ(LU06085). ++IF FMID(CPUTK00) REQ(LU06086). ++IF FMID(CUGRK00) REQ(LU06087). ++HOLD (LU06082) SYSTEM FMID(CPDAK00) REASON (DB2BIND) DATE (22151) COMMENT (+-----+ Database Analyzer for Db2 for z/OS Version 20.0

Service	Details
	<pre> +-----+-----+ 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 * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. IMPORTANT! If SYSVIEW for Db2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).</pre>

Service	Details
LU06083	LU06083 M.C.S. ENTRIES = ++PTF (LU06083) FIX POST-INSTALL BIND PACKAGE RELATED ISSUES PROBLEM DESCRIPTION: The following post-install bind package issues have been fixed. 1. The following packages are not bound in "Bind Product Package and Plans" option 0 (Bind ALL product packages and plans) as they are not part of any PACK member. For this reason, some components are not bound in the post-install full bind option 0 (Bind ALL product packages and plans), but they are appearing in the incremental bind package option 3 (Bind only product packages for maintenance). UTAGLD13 RAAPBP# PTCLLABH MMA@VREC 2. Options 1 and 3 (Bind only product packages for maintenance) under the post-install DB2 Task "Bind Product Packages and Plans" incorrectly report that all packages need to be bound, even though no BIND PACKAGE statement is generated at the end: The following sample output might appear in the SYSPRINT GENRBIND step. <pre>INLPKQRY is determining which maintenance packages need binding. PACKAGES CHECKED = 356 PACKAGES TO BIND = 356 PACKAGES ALREADY BOUND = 0</pre> The modified packages are not properly bound as needed and running the Database Management Solutions for Db2 for z/OS might fail with SQLCODE=-805 as a result. CIRCUMVENTION: 1. The missing components in full bind option 0 need to be bound with incremental bind option 3 in the post-install. 2. Use option 0 (Bind ALL product packages and plans) to bind everything. PRODUCT(S) AFFECTED: Database Management Solutions for Db2 for z/OS Version 20.0 Related Problem: INS 16890 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02081-D200 DESC(FIX POST-INSTALL BIND PACKAGE RELATED ISSUES). ++VER (Z038) FMID (CPFUK00) PRE (LU04418 S001402 S005013 S005503 S006118 S008860 S011476) SUP (LT05908 LT06083) ++IF FMID(CINSK00) REQ(LU06081). ++IF FMID(CPDAK00) REQ(LU06082). ++IF FMID(CPLAK00) REQ(LU06084). ++IF FMID(CPRFK00) REQ(LU06085). ++IF FMID(CPUTK00) REQ(LU06086). ++IF FMID(CUGRK00) REQ(LU06087).

Service	Details
LU06084	LU06084 M.C.S. ENTRIES = ++PTF (LU06084) FIX POST-INSTALL BIND PACKAGE RELATED ISSUES PROBLEM DESCRIPTION: The following post-install bind package issues have been fixed. 1. The following packages are not bound in "Bind Product Package and Plans" option 0 (Bind ALL product packages and plans) as they are not part of any PACK member. For this reason, some components are not bound in the post-install full bind option 0 (Bind ALL product packages and plans), but they are appearing in the incremental bind package option 3 (Bind only product packages for maintenance). UTAGLD13 RAAPBP# PTCLLABH MMA@VREC 2. Options 1 and 3 (Bind only product packages for maintenance) under the post-install DB2 Task "Bind Product Packages and Plans" incorrectly report that all packages need to be bound, even though no BIND PACKAGE statement is generated at the end: The following sample output might appear in the SYSPRINT GENRBIND step. INLPKQRY is determining which maintenance packages need binding. <pre>PACKAGES CHECKED = 356 PACKAGES TO BIND = 356 PACKAGES ALREADY BOUND = 0</pre> The modified packages are not properly bound as needed and running the Database Management Solutions for Db2 for z/OS might fail with SQLCODE=-805 as a result. CIRCUMVENTION: 1. The missing components in full bind option 0 need to be bound with incremental bind option 3 in the post-install. 2. Use option 0 (Bind ALL product packages and plans) to bind everything. PRODUCT(S) AFFECTED: Database Management Solutions for Db2 for z/OS Version 20.0 Related Problem: INS 16890 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02081-D200 DESC(FIX POST-INSTALL BIND PACKAGE RELATED ISSUES). ++VER (Z038) FMID (CPLAK00) PRE (LU02230 LU04419 R096583 R099559 S000020 S000975 S006119 S008870) SUP (LT05909 LT06084) ++IF FMID(CINSK00) REQ(LU06081). ++IF FMID(CPDAK00) REQ(LU06082). ++IF FMID(CPFUK00) REQ(LU06083). ++IF FMID(CPRFK00) REQ(LU06085). ++IF FMID(CPUTK00) REQ(LU06086). ++IF FMID(CUGRK00) REQ(LU06087). ++HOLD (LU06084) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (22151) COMMENT (+-----+

Service	Details
	<pre> Log Analyzer for Db2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. IMPORTANT! If SYSVIEW for Db2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).</pre>

Service	Details
LU06085	LU06085 M.C.S. ENTRIES = ++PTF (LU06085) FIX POST-INSTALL BIND PACKAGE RELATED ISSUES PROBLEM DESCRIPTION: The following post-install bind package issues have been fixed. 1. The following packages are not bound in "Bind Product Package and Plans" option 0 (Bind ALL product packages and plans) as they are not part of any PACK member. For this reason, some components are not bound in the post-install full bind option 0 (Bind ALL product packages and plans), but they are appearing in the incremental bind package option 3 (Bind only product packages for maintenance). UTAGLD13 RAAPBP# PTCLLABH MMA@VREC 2. Options 1 and 3 (Bind only product packages for maintenance) under the post-install DB2 Task "Bind Product Packages and Plans" incorrectly report that all packages need to be bound, even though no BIND PACKAGE statement is generated at the end: The following sample output might appear in the SYSPRINT GENRBIND step. INLPKQRY is determining which maintenance packages need binding. <pre>PACKAGES CHECKED = 356 PACKAGES TO BIND = 356 PACKAGES ALREADY BOUND = 0</pre> The modified packages are not properly bound as needed and running the Database Management Solutions for Db2 for z/OS might fail with SQLCODE=-805 as a result. CIRCUMVENTION: 1. The missing components in full bind option 0 need to be bound with incremental bind option 3 in the post-install. 2. Use option 0 (Bind ALL product packages and plans) to bind everything. PRODUCT(S) AFFECTED: Database Management Solutions for Db2 for z/OS Version 20.0 Related Problem: INS 16890 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02081-D200 DESC(FIX POST-INSTALL BIND PACKAGE RELATED ISSUES). ++VER (Z038) FMID (CPRFK00) PRE (LU04422 S001406) SUP (LT05910 LT06085) ++IF FMID(CINSK00) REQ(LU06081). ++IF FMID(CPDAK00) REQ(LU06082). ++IF FMID(CPFUK00) REQ(LU06083). ++IF FMID(CPLAK00) REQ(LU06084). ++IF FMID(CPUTK00) REQ(LU06086). ++IF FMID(CUGRK00) REQ(LU06087). ++HOLD (LU06085) SYSTEM FMID(CPRFK00) REASON (DB2BIND) DATE (22151) COMMENT (+-----+ Compile/PRF Version 20.0

Service	Details
	<pre> +-----+-----+ 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 * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. IMPORTANT! If SYSVIEW for Db2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).</pre>

Service	Details
LU06086	LU06086 M.C.S. ENTRIES = ++PTF (LU06086) FIX POST-INSTALL BIND PACKAGE RELATED ISSUES PROBLEM DESCRIPTION: The following post-install bind package issues have been fixed. 1. The following packages are not bound in "Bind Product Package and Plans" option 0 (Bind ALL product packages and plans) as they are not part of any PACK member. For this reason, some components are not bound in the post-install full bind option 0 (Bind ALL product packages and plans), but they are appearing in the incremental bind package option 3 (Bind only product packages for maintenance). UTAGLD13 RAAPBP# PTCLLABH MMA@VREC 2. Options 1 and 3 (Bind only product packages for maintenance) under the post-install DB2 Task "Bind Product Packages and Plans" incorrectly report that all packages need to be bound, even though no BIND PACKAGE statement is generated at the end: The following sample output might appear in the SYSPRINT GENRBIND step. INLPKQRY is determining which maintenance packages need binding. <pre>PACKAGES CHECKED = 356 PACKAGES TO BIND = 356 PACKAGES ALREADY BOUND = 0</pre> The modified packages are not properly bound as needed and running the Database Management Solutions for Db2 for z/OS might fail with SQLCODE=-805 as a result. CIRCUMVENTION: 1. The missing components in full bind option 0 need to be bound with incremental bind option 3 in the post-install. 2. Use option 0 (Bind ALL product packages and plans) to bind everything. PRODUCT(S) AFFECTED: Database Management Solutions for Db2 for z/OS Version 20.0 Related Problem: INS 16890 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02081-D200 DESC(FIX POST-INSTALL BIND PACKAGE RELATED ISSUES). ++VER (Z038) FMID (CPUTK00) PRE (LU04427 S000024) SUP (LT05911 LT06086) ++IF FMID(CINSK00) REQ(LU06081). ++IF FMID(CPDAK00) REQ(LU06082). ++IF FMID(CPFUK00) REQ(LU06083). ++IF FMID(CPLAK00) REQ(LU06084). ++IF FMID(CPRFK00) REQ(LU06085). ++IF FMID(CUGRK00) REQ(LU06087).

Service	Details
LU06087	LU06087 M.C.S. ENTRIES = ++PTF (LU06087) FIX POST-INSTALL BIND PACKAGE RELATED ISSUES PROBLEM DESCRIPTION: The following post-install bind package issues have been fixed. 1. The following packages are not bound in "Bind Product Package and Plans" option 0 (Bind ALL product packages and plans) as they are not part of any PACK member. For this reason, some components are not bound in the post-install full bind option 0 (Bind ALL product packages and plans), but they are appearing in the incremental bind package option 3 (Bind only product packages for maintenance). UTAGLD13 RAAPBP# PTCLLABH MMA@VREC 2. Options 1 and 3 (Bind only product packages for maintenance) under the post-install DB2 Task "Bind Product Packages and Plans" incorrectly report that all packages need to be bound, even though no BIND PACKAGE statement is generated at the end: The following sample output might appear in the SYSPRINT GENRBIND step. INLPKQRY is determining which maintenance packages need binding. <pre>PACKAGES CHECKED = 356 PACKAGES TO BIND = 356 PACKAGES ALREADY BOUND = 0</pre> The modified packages are not properly bound as needed and running the Database Management Solutions for Db2 for z/OS might fail with SQLCODE=-805 as a result. CIRCUMVENTION: 1. The missing components in full bind option 0 need to be bound with incremental bind option 3 in the post-install. 2. Use option 0 (Bind ALL product packages and plans) to bind everything. PRODUCT(S) AFFECTED: Database Management Solutions for Db2 for z/OS Version 20.0 Related Problem: INS 16890 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02081-D200 DESC(FIX POST-INSTALL BIND PACKAGE RELATED ISSUES). ++VER (Z038) FMID (CUGRK00) PRE (LU04435) SUP (LT05912 LT06087) ++IF FMID(CINSK00) REQ(LU06081). ++IF FMID(CPDAK00) REQ(LU06082). ++IF FMID(CPFUK00) REQ(LU06083). ++IF FMID(CPLAK00) REQ(LU06084). ++IF FMID(CPRFK00) REQ(LU06085). ++IF FMID(CPUTK00) REQ(LU06086). ++HOLD (LU06087) SYSTEM FMID(CUGRK00) REASON (DB2BIND) DATE (22151) COMMENT (+-----+ Utility General Recovery Version 20.0

Service	Details
	<pre> +-----+-----+ 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 * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. IMPORTANT! If SYSVIEW for Db2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).</pre>

Service	Details
LU06100	LU06100 M.C.S. ENTRIES = ++PTF (LU06100) SUPPORT DB2 13 FIELDS FOR SQL DATA INSIGHTS FUNCTIONS ENHANCEMENT DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) adds support for new Db2 13 fields in ACCT/THREAD-STATS/CONNECTION-STATS (IFCID 3/148/369) Db2 trace records. The following Db2 13 fields were added: AIDB-ELAPSED (QWAC_AIDB_FNS_ELAP) - Specifies the accumulated elapsed time spent processing SQL Data Insights functions. AIDB-ELAPSED-CPU (QWAC_AIDB_FNS_CP) - Specifies the accumulated CPU time spent on CP processing SQL Data Insights functions. AIDB-ELAPSED-ZIIP (QWAC_AIDB_FNS_ZIIP) - Specifies the accumulated CPU time spent on an IBM specialty engine processing SQL Data Insights functions. AIDB-COUNT (QWAC_AIDB_COUNT) - Specifies the accumulated number of Db2 entry/exit events performed by SQL Data Insights functions. New fields for SQL Data Insights functions were added to following reports: BTACTSML, BTACTTRL, BTRCSASL, BTRCSATL, CSACCTD, CSACCTDG, DSQHIST, DSQTHD, HPRACCT, HPRACCTS, HSTCSAD, HSUCSAD, HTRESP, HTURESP, THRDRESP, THRDTRAC. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 16460 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02084-D200 DESC(SUPPORT DB2 13 FIELDS FOR SQL DATA INSIGHTS FUNCTIONS). ++VER (Z038) FMID (CIDBK00) PRE (LU00299 LU00545 LU00697 LU00881 LU01030 LU01041 LU01100 LU01175 LU01977 LU02033 LU02093 LU02096 LU02118 LU02303 LU02325 LU02340 LU02428 LU02516 LU02634 LU02642 LU02646 LU02800 LU03023 LU03091 LU03195 LU03256 LU03286 LU03348 LU03435 LU03929 LU04097 LU04282 LU04287 LU04374 LU04411 LU04498 LU04566 LU04803 LU05058 LU05224 LU05271 LU05497 LU05687 LU05749 LU05976 LU06045 R096575 R097703 R099552 S000077 S001395 S004454 S006112 S006862 S007806 S008846 S009519 S010160 S010405 S010739 S010906 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014016 S014099 S014642 S014754 S014843 S014923 S015049 S015070 S015254 S015647 S015931 S016200 S016270 S016300) SUP (AL02340 AL04803 AS16200 BC13004 LT00159 LT00282 LT01035 LT01845 LT02031 LT02439 LT02708 LT03146 LT03455 LT04818 LT04919 LT05211 LT05564 LT05600 LT05606 LT05685 LT05974 LT05999 LT06033 LT06088 LT06100 LU00159 LU00282 LU01035 LU01845 LU02031 LU02439 LU02708 LU03146 LU03455 LU04818 LU04919 LU05211 LU05564 LU05600 LU05606 LU05685 LU05999 LU06033 R097683 S008728 S009743 S012078 S013032 S014337 S014357 S014883 S015913 S016046 ST03732 ST06087 ST08728 ST09743 ST12078 ST13032 ST14337 ST14357 ST14834 ST14881 ST14883 ST15913 ST16046 ST16189 TR97683)

Service	Details
	++HOLD (LU06100) SYSTEM FMID(CIDBK00) REASON (DOC) DATE (22147) COMMENT (+-----+ SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 +-----+ ***** * PUBLICATION * ***** Documentation changes associated with support for Db2 13 are now available online.). CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) .

Service	Details
LU06107	LU06107 M.C.S. ENTRIES = ++PTF (LU06107) INCREASE THE MAXIMUM VALUE FOR ZPARM DSMAX TO 400000 ENHANCEMENT DESCRIPTION: Thread Termination/Dynamic DSNZPARM for Db2 for z/OS (PTT) has been enhanced to enable Db2 13 users to set values from 1 to 400000 for ZPARM DSMAX. Db2 11 and 12 users will still be able to set values from 1 to 200000 for ZPARM DSMAX. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PTT 17149 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02085-D200 DESC (INCREASE THE MAXIMUM VALUE FOR ZPARM DSMAX TO 400000) . ++VER (Z038) FMID (CINSK00) PRE (LU01978 LU04230 LU04264 LU04355 LU04412 LU06046 LU06073 S001396 S001665 S004455 S006113 S006863 S010069 S010281 S010750 S012396 S012537 S012924 S013509 S014874) SUP (LT00921 LT06107 LU00921 S005070 S009693 S009929 S014634 ST05070 ST09693 ST09929 ST14634) ++HOLD (LU06107) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22151) COMMENT (<pre> +-----+ Db2 Common Components Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with </pre>

Service	Details
	Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).

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 2206 Product/Component Count for this release is 27		

CA RS Level	Service	FMID
CAR2206	LU06107	CINSK00
	LU06100	CIDBK00
	LU06087	CUGRK00
	LU06086	CPUTK00
	LU06085	CPRFK00
	LU06084	CPLAK00
	LU06083	CPFUK00
	LU06082	CPDAK00
	LU06081	CINSK00
	LU06080	CPUTK00
	LU06079	CPRRK00
	LU06078	CPFUK00
	LU06077	CPFLK00
	LU06074	CPSAK00
	LU06073	CINSK00
	LU06050	CPUTK00
	LU06049	CPSAK00
	LU06048	CPDTK00
	LU06047	COFSK00
	LU06046	CINSK00
	LU06045	CIDBK00
	LU06034	CUGRK00
	LU06033	CIDBK00
	LU06000	CUGRK00
	LU05999	CIDBK00
	LU05998	CPDTK00
	LU05997	CINSK00
	LU05995	CINSK00
	LU05994	CIDBK00
	LU05993	CINSK00
	LU05987	CRCXK00
	LU05984	CPPAK00
	LU05976	CIDBK00
	LU05973	CPLAK00
	LU05971	CINSK00
	LU05967	CINSK00
	LU05954	CPLAK00
	LU05931	CINSK00
	LU05913	CUGRK00
	LU05900	CUGRK00
	LU05889	CRCXK00
	LU05888	CRCUK00
	LU05887	CPFUK00
	LU05886	CINSK00
	LU05884	CPUTK00
	LU05883	CPFLK00
	LU05881	CPFUK00

CA RS Level	Service	FMID
	LU05880	CPFLK00
	LU05879	CIDBK00
	LU05876	CINSK00
	LU05875	CPDTK00
	LU05873	CPDTK00
	LU05869	CUGRK00
	LU05868	CPUTK00
	LU05867	CPRRK00
	LU05866	CPFLK00
	LU05865	CINSK00
	LU05857	CUGRK00
	LU05851	CIDBK00
	LU05850	CUGRK00
	LU05836	CRCSK00
	LU05823	CPDTK00
	LU05816	CUGRK00
	LU05806	COFSK00
	LU05798	CINSK00
	LU05797	CRCQK00
	LU05796	CPDTK00
	LU05794	CINSK00
	LU05790	CINSK00
	LU05788	CIDBK00
	LU05775	CINSK00
	LU05767	CIDBK00
	LU05764	CINSK00
	LU05761	CPSAK00
	LU05749	CIDBK00
	LU05747	CPFUK00
	LU05739	CINSK00
	LU05734	CPLAK00
	LU05732	CPRAK00
	LU05717	CINSK00
	LU05701	CINSK00
	LU05685	CIDBK00
	LU05635	CRCXK00
	LU05634	CRCUK00
	LU05633	CRCSK00
	LU05632	CRCQK00
	LU05631	CRCMK00
	LU05630	CPFUK00
	LU05629	CINSK00
	LU05628	CAHOK00
	LU05597	CPPAK00
	LU05596	CINSK00
	LU05577	CPLAK00
	LU05562	CPDTK00

CA RS Level	Service	FMID
CAR2205	LU05444	CINSK00
	LU05695	CUGRK00
	LU05687	CIDBK00
	LU05684	CUGRK00
	LU05681	CPRFK00
	LU05663	CPDAK00
	LU05647	CIDBK00
	LU05606	CIDBK00
	LU05600	CIDBK00
	LU05590	CINSK00
	LU05564	CIDBK00
	LU05555	CRCQK00
	LU05547	CINSK00
	LU05545	CPDTK00
	LU05535	CPUTK00
	LU05534	CPFLK00
	LU05530	CPDTK00
	LU05528	COFSK00
	LU05520	CINSK00
	LU05515	CPSAK00
	LU05511	CINSK00
	LU05505	CRCQK00
	LU05503	CPDTK00
	LU05497	CIDBK00
	LU05496	CPLAK00
	LU05495	CPDAK00
	LU05464	CIDBK00
	LU05461	CPSAK00
	LU05457	CPFLK00
	LU05423	CPUTK00
	LU05422	CUGRK00
	LU05408	CRCQK00
	LU05407	CINSK00
	LU05401	CINSK00
	LU05397	CPFUK00
	LU05396	CINSK00
	LU05387	CUGRK00
	LU05382	CINSK00
	LU05377	CAHOK00
	LU05367	CINSK00
	LU05366	CINSK00
	LU05364	CINSK00
	LU05361	CINSK00
	LU05359	CINSK00
	LU05352	CPLAK00
	LU05350	CUGRK00
	LU05349	CPUTK00

CA RS Level	Service	FMID
	LU05348	CPFLK00
	LU05347	CINSK00
	LU05335	COFSK00
	LU05331	CINSK00
	LU05313	CPPAK00
	LU05312	CINSK00
	LU05305	CPUTK00
	LU05304	CPFUK00
	LU05296	CINSK00
	LU05292	CPUTK00
	LU05271	CIDBK00
	LU05225	CPFLK00
	LU05162	CINSK00
	LU05161	CINSK00
	LU05155	CPLAK00
CAR2204	LU05278	CINSK00
	LU05277	CRCQK00
	LU05276	CINSK00
	LU05265	CPDTK00
	LU05243	CINSK00
	LU05242	CINSK00
	LU05224	CIDBK00
	LU05211	CIDBK00
	LU05210	CUGRK00
	LU05209	CPUTK00
	LU05208	CPRRK00
	LU05207	CPFLK00
	LU05206	CINSK00
	LU05177	CRCUK00
	LU05176	CRCQK00
	LU05175	CINSK00
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	LU04102	CPLAK00
CAR2203	LU04880	CPRAK00
	LU04870	CUGRK00
	LU04869	CPUTK00
	LU04868	CPFUK00
	LU04857	CINSK00
	LU04855	CPXNK00
	LU04842	CPLAK00
	LU04834	CRCQK00
	LU04818	CIDBK00
	LU04803	CIDBK00
	LU04795	CPDTK00
	LU04789	CPFUK00
	LU04788	CPLAK00
	LU04746	CINSK00
	LU04733	CPSAK00
	LU04732	CUGRK00
	LU04675	CPFUK00
	LU04657	CRCQK00
	LU04656	CINSK00
	LU04654	CINSK00
	LU04653	CPSAK00
	LU04637	CPRRK00
	LU04636	CUGRK00
	LU04621	CINSK00
	LU04619	CUGRK00
	LU04618	CPUTK00
	LU04616	CPFLK00
	LU04586	CPDTK00
	LU04573	CINSK00
	LU04566	CIDBK00
	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

CA RS Level	Service	FMID
	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	CRCSK00
	LU04430	CRCQK00
	LU04429	CRCMK00
	LU04428	CPXNK00
	LU04427	CPUTK00
	LU04426	CPSAK00
	LU04425	CPRRK00
	LU04422	CPRFK00
	LU04421	CPRAK00
	LU04420	CPPAK00
	LU04419	CPLAK00
	LU04418	CPFUK00
	LU04417	CPFLK00
	LU04416	CPDTK00
	LU04415	CPDAK00
	LU04414	CPBAK00
	LU04413	COFSK00
	LU04412	CINSK00
	LU04411	CIDBK00
	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

CA RS Level	Service	FMID
	LU04263	CPDTK00
	LU04262	CINSK00
	LU04244	CRCQK00
	LU04243	CINSK00
	LU04232	CPSAK00
	LU04231	CPDTK00
	LU04230	CINSK00
	LU04229	CIDBK00
	LU04222	CIDBK00
	LU04221	CPDAK00
	LU04220	CINSK00
	LU04217	CIDBK00
	LU04202	COFSK00
	LU04167	CINSK00
	LU04161	CPUTK00
	LU04160	CPFUK00
	LU04159	CPFLK00
	LU04151	CRCXK00
	LU04150	CRCUK00
	LU04149	CINSK00
	LU04146	CINSK00
	LU04136	CINSK00
	LU04123	CPUTK00
	LU04122	CPDAK00
	LU04121	CINSK00
	LU04100	CIDBK00
	LU04097	CIDBK00
	LU04085	COFSK00
	LU04084	CINSK00
	LU04082	CINSK00
	LU04006	CINSK00
	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

CA RS Level	Service	FMID
	LU03926	CRCXK00
	LU03925	CPLAK00
	LU03924	COFSK00
	LU03923	CINSK00
	LU03918	CPSAK00
	LU03917	CPDTK00
	LU03907	CINSK00
	LU03879	CINSK00
	LU03878	CINSK00
	LU03869	CINSK00
	LU03859	CUGRK00
	LU03856	CINSK00
	LU03847	CPUTK00
	LU03846	CPFLK00
	LU03838	CINSK00
	LU03827	CPFUK00
	LU03814	CPDAK00
	LU03813	CINSK00
	LU03809	CPDTK00
	LU03808	CINSK00
	LU03789	CINSK00
	LU03788	CINSK00
	LU03762	CPDAK00
	LU03761	CINSK00
	LU03760	CSQ2100
	LU03759	CUGRK00
	LU03749	CPLAK00
	LU03742	CPFLK00
	LU03735	CUGRK00
	LU03734	CPUTK00
	LU03733	CPRRK00
	LU03732	CPFUK00
	LU03731	CPLAK00
	LU03712	CINSK00
	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

CA RS Level	Service	FMID
	LU03659	COFSK00
	LU03657	CINSK00
	LU03499	CINSK00
CAR2112	LU03680	CPDAK00
	LU03673	CIDBK00
	LU03667	CRCUK00
	LU03666	CINSK00
	LU03629	CINSK00
	LU03601	CPSAK00
	LU03580	CUGRK00
	LU03579	CPUTK00
	LU03578	CPFUK00
	LU03577	CPFLK00
	LU03520	CINSK00
	LU03519	CPUTK00
	LU03500	CPLAK00
	LU03492	CPLAK00
	LU03463	CINSK00
	LU03461	CPDTK00
	LU03455	CIDBK00
	LU03453	CIDBK00
	LU03443	CUGRK00
	LU03437	CRCUK00
	LU03435	CIDBK00
	LU03417	CINSK00
	LU03406	CPDTK00
	LU03401	CPUTK00
	LU03400	CPRRK00
	LU03399	CPFLK00
	LU03391	CINSK00
	LU03386	CPDTK00
	LU03384	CPFUK00
	LU03367	CINSK00
	LU03353	CPFUK00
	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

CA RS Level	Service	FMID
	LU03308	CRCQK00
	LU03291	CINSK00
	LU03286	CIDBK00
	LU03282	CPLAK00
	LU03265	CPFUK00
	LU03252	CIDBK00
	LU02861	CINSK00
CAR2111	LU03261	CPDTK00
	LU03259	CINSK00
	LU03256	CIDBK00
	LU03250	CPLAK00
	LU03235	CUGRK00
	LU03234	CPUTK00
	LU03233	CPRRK00
	LU03232	CPFUK00
	LU03231	CPFLK00
	LU03228	CPLAK00
	LU03221	CINSK00
	LU03220	CRCQK00
	LU03214	CUGRK00
	LU03213	CPUTK00
	LU03212	CPRRK00
	LU03211	CPFUK00
	LU03210	CPFLK00
	LU03209	CINSK00
	LU03195	CIDBK00
	LU03192	CPUTK00
	LU03191	CPFLK00
	LU03190	CINSK00
	LU03187	CPUTK00
	LU03186	CUGRK00
	LU03162	CIDBK00
	LU03152	CPDAK00
	LU03146	CIDBK00
	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

CA RS Level	Service	FMID
	LU02979	CPLAK00
	LU02945	CINSK00
	LU02886	CIDBK00
	LU02816	CPLAK00
	LU02728	CPUTK00
	LU02727	CPFUK00
	LU02726	CINSK00
	LU02712	CUGRK00
CAR2110	S014389	CIDBK00
	LU02944	CPDTK00
	LU02894	CRCQK00
	LU02866	COFSK00
	LU02841	CIDBK00
	LU02829	CIDBK00
	LU02813	CINSK00
	LU02808	CINSK00
	LU02800	CIDBK00
	LU02796	CPDTK00
	LU02785	CPDAK00
	LU02767	CPLAK00
	LU02762	CUGRK00
	LU02708	CIDBK00
	LU02706	CPDTK00
	LU02665	CRCQK00
	LU02661	CINSK00
	LU02646	CIDBK00
	LU02642	CIDBK00
	LU02641	CPFLK00
	LU02634	CIDBK00
	LU02633	COFSK00
	LU02614	CINSK00
	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

CA RS Level	Service	FMID
	LU02470	CPFUK00
	LU02456	CPDAK00
	LU02455	CINSK00
	LU02440	CPFUK00
	LU02439	CIDBK00
	LU02437	COFSK00
	LU02436	CPPAK00
	LU02428	CIDBK00
	LU02420	CINSK00
	LU02387	COFSK00
	LU02385	CUGRK00
	LU02383	CINSK00
	LU02381	CPLAK00
	LU02363	CINSK00
	LU02345	CINSK00
	LU02340	CIDBK00
	LU02335	CPFUK00
	LU02325	CIDBK00
	LU02307	CUGRK00
	LU02303	CIDBK00
	LU02290	CPDTK00
	LU02286	CPDTK00
	LU02271	CPDTK00
	LU02258	CPFLK00
	LU02243	CPFLK00
	LU02242	CINSK00
	LU02231	CPUTK00
	LU02230	CPLAK00
	LU02229	CINSK00
	LU02212	CINSK00
	LU02166	CINSK00
	LU02119	CTGRK00
	LU02118	CIDBK00
	LU02116	CINSK00
	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

CA RS Level	Service	FMID
	LU02108	CPDTK00
	LU02096	CIDBK00
	LU02093	CIDBK00
	LU02062	CPLAK00
	LU02061	CINSK00
	LU02053	CINSK00
	LU02048	CUGRK00
	LU02033	CIDBK00
	LU02031	CIDBK00
	LU02030	CRCQK00
	LU02029	CINSK00
	LU02008	CPFLK00
	LU02007	CPUTK00
	LU02006	CPFUK00
	LU02005	CINSK00
	LU01999	CINSK00
	LU01998	CUGRK00
	LU01997	CTGRK00
	LU01996	CRCXK00
	LU01995	CRCUK00
	LU01994	CRC SK00
	LU01993	CRCQK00
	LU01992	CPXNK00
	LU01991	CPUTK00
	LU01990	CPSAK00
	LU01989	CPRRK00
	LU01988	CPRFK00
	LU01987	CPRAK00
	LU01986	CPPAK00
	LU01985	CPLAK00
	LU01984	CPFUK00
	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

CA RS Level	Service	FMID
	LU01933	CPDTK00
	LU01930	CPUTK00
	LU01927	CINSK00
	LU01922	CINSK00
	LU01845	CIDBK00
	LU01832	COFSK00
	LU01784	CINSK00
	LU01290	CINSK00
CAR2107	LU01893	CUGRK00
	LU01892	CPPAK00
	LU01891	CINSK00
	LU01869	CPLAK00
	LU01860	CPDAK00
	LU01841	CPDTK00
	LU01837	CINSK00
	LU01829	CIDBK00
	LU01799	CPDTK00
	LU01760	CINSK00
	LU01757	CINSK00
	LU01750	CIDBK00
	LU01732	CPSAK00
	LU01727	CPFUK00
	LU01720	CPFLK00
	LU01717	CUGRK00
	LU01706	CRCQK00
	LU01705	CINSK00
	LU01696	CINSK00
	LU01695	CPRAK00
	LU01694	CINSK00
	LU01683	CINSK00
	LU01673	CINSK00
	LU01666	CIDBK00
	LU01648	CINSK00
	LU01626	CPDAK00
	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

CA RS Level	Service	FMID
	LU01525	CIDBK00
	LU01513	CIDBK00
	LU01508	CINSK00
	LU01405	CINSK00
	LU01362	CINSK00
	LU01357	CINSK00
CAR2106	LU01494	CINSK00
	LU01467	CPDTK00
	LU01432	CSQ2100
	LU01415	CPLAK00
	LU01410	CRCQK00
	LU01396	CPDTK00
	LU01393	CPDTK00
	LU01385	CPLAK00
	LU01384	CINSK00
	LU01380	CPUTK00
	LU01379	CPFLK00
	LU01378	CINSK00
	LU01376	CINSK00
	LU01367	CINSK00
	LU01352	CPUTK00
	LU01351	CPRRK00
	LU01350	CPFUK00
	LU01349	CPFLK00
	LU01338	CPDAK00
	LU01330	CRCQK00
	LU01321	CPRFK00
	LU01311	CPFUK00
	LU01293	CIDBK00
	LU01292	CUGRK00
	LU01291	CPUTK00
	LU01286	CINSK00
	LU01275	CINSK00
	LU01265	CINSK00
	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

CA RS Level	Service	FMID
	LU01135	CUGRK00
	LU01127	CUGRK00
	LU01122	COFSK00
	LU01121	CINSK00
	LU01118	CINSK00
	LU01107	COFSK00
	LU01106	CINSK00
	LU01102	CPRFK00
	LU01089	CPDAK00
	LU01043	CPLAK00
	LU00983	CPFLK00
CAR2105	LU01126	CPDAK00
	LU01100	CIDBK00
	LU01068	CPPAK00
	LU01056	CINSK00
	LU01053	COFSK00
	LU01042	CIDBK00
	LU01041	CIDBK00
	LU01040	CPLAK00
	LU01039	CINSK00
	LU01035	CIDBK00
	LU01030	CIDBK00
	LU01002	CPDTK00
	LU00989	CINSK00
	LU00982	CIDBK00
	LU00973	CUGRK00
	LU00968	CINSK00
	LU00964	CIDBK00
	LU00940	CPLAK00
	LU00938	CPDTK00
	LU00937	CINSK00
	LU00925	CINSK00
	LU00923	CPUTK00
	LU00921	CINSK00
	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

CA RS Level	Service	FMID
	LU00795	CUGRK00
	LU00794	CINSK00
	LU00769	CRCXK00
	LU00768	CPDTK00
	LU00759	CPLAK00
	LU00698	CINSK00
	LU00697	CIDBK00
	LU00678	CINSK00
	LU00592	CINSK00
	LU00581	CPRFK00
CAR2104	LU00728	CUGRK00
	LU00727	CPUTK00
	LU00726	CPRRK00
	LU00725	CPLAK00
	LU00724	CPFLK00
	LU00723	CINSK00
	LU00689	CUGRK00
	LU00684	CPDTK00
	LU00672	CPLAK00
	LU00659	CSQ2100
	LU00646	CPPAK00
	LU00645	CPBAK00
	LU00644	COFSK00
	LU00643	CINSK00
	LU00639	CINSK00
	LU00635	CPDAK00
	LU00613	CINSK00
	LU00597	CPLAK00
	LU00576	CPSAK00
	LU00568	CINSK00
	LU00565	CSQ2100
	LU00549	CPDTK00
	LU00545	CIDBK00
	LU00532	CRCQK00
	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

CA RS Level	Service	FMID
	LU00449	CRCUK00
	LU00448	CRCMK00
	LU00447	CPFUK00
	LU00446	CINSK00
	LU00440	CPPAK00
	LU00439	CPBAK00
	LU00438	CINSK00
	LU00437	CPUTK00
	LU00436	CPFLK00
	LU00435	CINSK00
	LU00434	CIDBK00
	LU00433	CRCUK00
	LU00432	CINSK00
	LU00427	CIDBK00
	LU00426	CINSK00
	LU00413	CRCQK00
	LU00412	CINSK00
	LU00411	CRCXK00
	LU00402	CPDTK00
	LU00400	CPRFK00
	LU00399	CINSK00
	LU00381	CPDAK00
	LU00368	CINSK00
	LU00359	CINSK00
	LU00342	CRCXK00
	LU00341	CRCUK00
	LU00340	CRCXK00
	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

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	LU00123	CINSK00
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	S016217	CPUTK00
	S016206	CPDAK00
	S016205	CINSK00
	S016200	CIDBK00
	S016195	CPFUK00
	S016194	CINSK00
	S016183	CINSK00
	S016181	CUGRK00
	S016176	CINSK00
	S016175	CPSAK00
	S016174	CPDTK00
	S016173	CINSK00
	S016165	CPRFK00
	S016160	CPRRK00
	S016149	CPRFK00
	S016133	COFSK00
	S016132	CINSK00
	S016116	CIDBK00
	S016113	CPDTK00
	S016107	CIDBK00
	S016090	CPUTK00
	S016089	CPFLK00
	S016088	CINSK00
	S016075	CPLAK00
	S016071	CRCQK00
	S016067	CINSK00
	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

CA RS Level	Service	FMID
	S015939	CPUTK00
	S015938	CPFLK00
	S015937	CINSK00
	S015935	CPSAK00
	S015931	CIDBK00
	S015927	CPDTK00
	S015913	CIDBK00
	S015908	CINSK00
	S015895	CPLAK00
	S015868	CINSK00
	S015867	CINSK00
	S015863	CINSK00
	S015843	CPDTK00
	S015816	CRCQK00
	S015807	CRCXK00
	S015806	CRCUK00
	S015805	CPFUK00
	S015804	CINSK00
	S015789	CINSK00
	S015775	CPRFK00
	S015774	CPRFK00
	S015770	CINSK00
	S015761	CIDBK00
	S015760	CINSK00
	S015711	CUGRK00
	S015710	CPUTK00
	S015709	CINSK00
CAR2012	S015771	CPFLK00
	S015767	CPFUK00
	S015740	CPUTK00
	S015739	CPRRK00
	S015738	CPFLK00
	S015723	CPDTK00
	S015697	CRCQK00
	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

CA RS Level	Service	FMID
	S015487	CUGRK00
	S015486	CPUTK00
	S015485	CPRRK00
	S015484	CPFLK00
	S015483	CPDAK00
	S015482	CINSK00
	S015480	CUTSK00
	S015457	CPUTK00
	S015456	CPLAK00
	S015455	CINSK00
	S015450	CRCQK00
	S015449	CINSK00
	S015444	CINSK00
	S015440	COFSK00
	S015395	CPDTK00
	S015394	CINSK00
	S015193	CINSK00
CAR2011	S015314	CPUTK00
	S015313	CPRRK00
	S015312	CPFLK00
	S015311	CINSK00
	S015308	CUGRK00
	S015271	CPUTK00
	S015255	CPRFK00
	S015254	CIDBK00
	S015238	CPUTK00
	S015237	CPRRK00
	S015236	CPFUK00
	S015235	CPFLK00
	S015225	COFSK00
	S015220	CPLAK00
	S015215	CINSK00
	S015205	CINSK00
	S015199	CPDTK00
	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

CA RS Level	Service	FMID
	S015072	CINSK00
	S015070	CIDBK00
	S015064	CPLAK00
	S015062	COFSK00
	S015061	CINSK00
	S015049	CIDBK00
	S015045	CINSK00
	S015031	CINSK00
	S015015	CPFLK00
	S015004	CINSK00
CAR2010	S014984	CPFUK00
	S014949	CPLAK00
	S014923	CIDBK00
	S014902	CPPAK00
	S014901	CINSK00
	S014899	CINSK00
	S014883	CIDBK00
	S014876	CINSK00
	S014874	CINSK00
	S014866	CPLAK00
	S014865	CINSK00
	S014864	CIDBK00
	S014863	CUGRK00
	S014861	CPSAK00
	S014860	CPDTK00
	S014859	CINSK00
	S014853	CIDBK00
	S014843	CIDBK00
	S014842	CPRFK00
	S014836	CPBAK00
	S014835	CINSK00
	S014833	CRCUK00
	S014832	CINSK00
	S014827	CINSK00
	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

CA RS Level	Service	FMID
	S014675	CPRFK00
	S014655	COFSK00
	S014642	CIDBK00
CAR2009	S014641	CUGRK00
	S014640	CPRRK00
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	S014623	CINSK00
	S014615	CINSK00
	S014613	CPLAK00
	S014583	CINSK00
	S014570	COFSK00
	S014568	CUGRK00
	S014567	CPUTK00
	S014566	CINSK00
	S014565	CPDAK00
	S014531	CIDBK00
	S014502	CPUTK00
	S014501	CPFUK00
	S014500	CINSK00
	S014491	CINSK00
	S014483	CUGRK00
	S014452	CPLAK00
	S014433	CPFLK00
	S014428	CPUTK00
	S014427	CPFLK00
	S014426	CRCQK00
	S014404	CPRFK00
	S014401	CINSK00
	S014400	CPPAK00
	S014397	CPDTK00
	S014383	CPUTK00
	S014382	CPFUK00
	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

CA RS Level	Service	FMID
	S014254	CIDBK00
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	S013888	CINSK00
CAR2008	S014252	CPFLK00
	S014235	CPDTK00
	S014173	CINSK00
	S014168	CINSK00
	S014164	CIDBK00
	S014142	CPLAK00
	S014137	CPLAK00
	S014101	CRCQK00
	S014099	CIDBK00
	S014093	CIDBK00
	S014054	CPUTK00
	S014053	CPFUK00
	S014052	CINSK00
	S014036	CUGRK00
	S014035	CPUTK00
	S014034	CPRRK00
	S014033	CPLAK00
	S014032	CPFUK00
	S014031	CPFLK00
	S014030	CPDAK00
	S014029	CINSK00
	S014025	CPFLK00
	S014016	CIDBK00
	S013990	COFSK00
	S013988	CPPAK00
	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

CA RS Level	Service	FMID
	S013887	CPDTK00
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	S013825	CIDBK00
	S013814	CINSK00
	S013807	CINSK00
	S013794	CINSK00
	S013781	COFSK00
	S013768	CUGRK00
	S013767	CPUTK00
	S013766	CPFUK00
	S013765	CPFLK00
	S013764	CINSK00
	S013758	COFSK00
	S013726	CINSK00
	S013711	CINSK00
	S013709	CPUTK00
	S013708	CPRRK00
	S013707	CPFUK00
	S013706	CPFLK00
	S013574	CINSK00
CAR2007	S013761	CPDTK00
	S013730	CPRFK00
	S013718	CPLAK00
	S013717	CINSK00
	S013686	CUGRK00
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	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

CA RS Level	Service	FMID
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	S013453	CINSK00
	S013450	CPDTK00
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00
	S013340	CINSK00
	S013273	CINSK00
	S012794	CINSK00
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00
	S013234	CPLAK00
	S013230	CINSK00
	S013229	CINSK00
	S013224	CPLAK00
	S013213	CINSK00
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	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

CA RS Level	Service	FMID
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	S012937	CRCXK00
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	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

CA RS Level	Service	FMID
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCSK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	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

CA RS Level	Service	FMID
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	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

CA RS Level	Service	FMID
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	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

CA RS Level	Service	FMID
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	S011693	CIDBK00
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	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

CA RS Level	Service	FMID
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	S011323	CUGRK00
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	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

CA RS Level	Service	FMID
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	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

CA RS Level	Service	FMID
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	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

CA RS Level	Service	FMID
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	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

CA RS Level	Service	FMID
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCSK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	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

CA RS Level	Service	FMID
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCSK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	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

CA RS Level	Service	FMID
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00
	S009125	CINSK00
	S009110	CRCXK00
	S009109	CRCUK00
	S009108	CPLAK00
	S009107	CPFUK00
	S009106	COFSK00
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	S009083	CPLAK00
	S009068	CIDBK00
	S009065	CPDTK00
	S009055	CIDBK00
	S009054	CIDBK00
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	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

CA RS Level	Service	FMID
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	S008750	CINSK00
	S008728	CIDBK00
	S008684	CINSK00
	S008668	CUGRK00
	S008667	CPUTK00
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	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

CA RS Level	Service	FMID
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	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

CA RS Level	Service	FMID
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00
	S007856	CINSK00
CAR1904	S007826	CUGRK00
	S007825	CTGRK00
	S007824	CRCUK00
	S007823	CRCCK00
	S007822	CRCQK00
	S007821	CRCMK00
	S007820	CPUTK00
	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

CA RS Level	Service	FMID
	S007774	CINSK00
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00
	S007169	CINSK00
CAR1903	S007412	CINSK00
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00
	S007323	CINSK00
	S007204	CPSAK00
CAR1902	S007167	CINSK00
	S006978	CINSK00
	S006977	CIDBK00
	S006879	CUGRK00
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCSK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	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

CA RS Level	Service	FMID
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	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

CA RS Level	Service	FMID
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00
	S004756	CINSK00
CAR1808	S004720	CRCUK00
	S004719	CRCMK00
	S004718	CINSK00
	S004475	CUGRK00
	S004474	CTGRK00
	S004473	CRCXK00
	S004472	CRCUK00
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	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

CA RS Level	Service	FMID
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	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

CA RS Level	Service	FMID
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00
	S000977	CSQ2100
	S000975	CPLAK00
	S000894	CUGRK00
	S000893	CPUTK00
	S000871	CPSAK00
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	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

CA RS Level	Service	FMID
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100
CAR1801	R099853	CRCXK00
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRCSK00
	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

CA RS Level	Service	FMID
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRCSK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	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

CA RS Level	Service	FMID
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	R096579	CPDAK00
	R096578	CPBAK00
	R096577	COFSK00
	R096576	CINSK00
	R096575	CIDBK00
CAR1707	R096495	CSQ2100
	R096401	CUTSK00
CAR1706	R096169	CPSAK00
	R096168	CPDTK00
	R096167	CINSK00
	R096162	CPDAK00
	R096102	CSQ2100
	R096005	CUTSK00
	R096002	CUGRK00
	R095972	CUTSK00
	R095918	CUTSK00