

Service	Description	Type
LU05871	ABEND 478-08 DURING STORAGE RELEASE IN UPM/XMANAGER	PTF
LU05989	COMPARE REPORT STATES VERSIONING IS ADDED WHEN IT IS NOT	PTF
LU06051	ALLOW ALLOC OF SYSOUT DATASET FOR INTRDR	PTF
LU06052	ALTER LIMITKEY AND ADD NEW PARTITIONS MAY CAUSE DATA LOSS	PTF
LU06076	SOC4 FLLUIX2 / S878-10 / SOC4 UTL@IXDE / SOC4 FLLFILE	PTF
LU06109	IDB2 ACCOUNTING MAX PAGE LOCKS VALUE MAY BE UNDERREPORTED	PTF
LU06112	ABEND OC4 IN DT\$DII	PTF
LU06115	SOC4 IN RML@BLDM WHEN ANALYZING A MIGRATION STRATEGY	PTF
LU06117	COMPARE ANALYSIS ENDS WITH A SOC3 ABEND IN RML@UF	PTF
LU06120	ABEND S90A IN ISPF FOR A MODEL LIBRARY WITH INCORRECT RECFM	PTF
LU06136	RCQ DATABASE LIST REPORT INCORRECT DISPLAY OF NEGATIVE DBID	PTF
LU06137	DATA STORES NOT SEEN ON HISTORICAL SCREEN	PTF
LU06140	BATCH REPORT WRITER MAY FAIL WITH DBG02045E ERROR MESSAGE	PTF
LU06141	DATABASE ANALYZER INCORRECTLY TRANSLATES NEGATIVE DBIDS	PTF
LU06148	SOC4 ABEND IN RML#VRSG WHEN FUNCTIONS IS INVOLVED	PTF
LU06152	TS-PL REPORT SHOWS INVALID VALUES FOR NEW COLUMNS IN DB2V12	PTF
LU06154	ABEND OC1 AFTER PREMATURE TERMINATION OF STORED PROCEDURE	PTF
LU06161	ABEND SOE0 IN NGR1026C	PTF
LU06163	SOC4 WITH LOBS / SOC4 WITH IBM SWITCH / PFL0024E WITH LOBS	PTF
LU06166	IRLM CONTENTIONS RECORD INCONSISTENT CONNECTION TYPE	PTF
LU06172	COMPARE IS IN LOOP WHEN TRIGGER IS THE PARENT OF A FUNCTION	PTF
LU06188	SUPPORT FOR NEW DB2 12 LOCK AND CPU TIME FIELDS	PTF
LU06206	SOC4 FLLUIX2 / S878-10 / SOC4 UTL@IXDE / SOC4 FLLFILE	PTF
LU06213	SOC9 ABEND DURING RECOVERY OF TS WITH SORTLOG NO AND IICS	PTF
LU06216	LUWID FILTERING IN DML AND DDL ACTIVITY REPORTS	PTF
LU06217	LUWID FILTERING IN DML AND DDL ACTIVITY REPORTS	PTF
LU06218	CSACCTS/CSACCTSL/CSACCTD DO NOT CONTAIN COMPLETE INFORMATION	PTF
LU06229	NEW IQL FIELDS FOR GMT AND DST ADJUSTMENTS	PTF
LU06230	INCORRECT SECQTY GENERATED IN V12 FOR DB2 V6 CREATED INDEX	PTF
LU06257	OFS IS NOT DELIMITING LIMITKEY VALUES IN CREATE TABLE DDL	** PRP **
LU06261	.CALL WITH FAST UNLOAD FAILS WITH BPA0003E ON PTIMSG	** PRP **
LU06264	PSA MAY INCUR SOC4 ABEND DURING SYNCHRONIZED COLLECTION	PTF
LU06265	ISSUE WITH DATABASE EXCEPTIONS FOR RESTRICTED OBJECT	PTF
LU06278	OFS IS NOT GENERATING SECQTY AS -1 WHEN PARM VALUE IS Y	PTF
LU06284	PFU0659E UNLOADING DECIMAL COLUMNS WITH COMMA-DELIMITED	PTF
LU06285	INVALID TIMESTAMP PLACEHOLDER FOR MISSING VALUE	PTF
LU06289	SOC9 ABEND WHEN DISCARDING DATA IN A SIMPLE TABLESPACE	PTF
LU06291	PDTBATCH JCL PROGRAM SOMETIMES SKIPS UNLOADING SOME RECORDS	PTF
LU06292	DISABLE ARCHIVE DDL IN WRONG PLACE IN THE RECOVERY SCRIPT	PTF
LU06297	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU06298	BATCH PROCESSOR UNLOAD WITH TIMESTAMP COLUMN ENDS WITH SOC4	PTF
LU06299	PUT2202E - ERROR COMPRESSING INDEX PAGE ON PBR RPN	PTF
LU06300	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU06301	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU06302	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU06304	TRAILING DECIMAL POINT FOR WHOLE NUMBERS	PTF
LU06305	TRAILING DECIMAL POINT FOR WHOLE NUMBERS	PTF

DB2 Tools 20.0
CA RS 2207 Service List

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Service	Description	Type
LU06307	RTOS EXCLUDES PARTITIONED OBJECTS WHEN 'PROMOTE TO ALL' USED	** PRP **
LU06309	SECONDS COMMAND RETURNS ONLY 245 SECONDARY USER IDS	PTF
LU06310	SECONDS COMMAND RETURNS ONLY 245 SECONDARY USER IDS	PTF
LU06311	SECONDS COMMAND RETURNS ONLY 245 SECONDARY USER IDS	PTF
LU06321	RCO0013E ISSUED WHEN THE FOREIGN KEY IS SELF REFERENTIAL	PTF
LU06348	DETECT AND RECOVER FROM CONDITION CAUSING OC4 IN PXMMSL	PTF
LU06357	SQL238 SQL PARSING ERROR IN OUTER JOINS W/TEMPORAL PERIOD	PTF
LU06361	INCORRECTLY REPORTED BUFFER POOL STATISTICS	PTF
LU06379	SUPPORT FOR CICS/TS 6.1	PTF
LU06407	TABLE DDL MISSING IN ICL ANALYSIS IF LIMIT KEY ALTERED/ADDED	PTF
LU06415	ABORT COLUMN SHOWS INCORRECT VALUES	PTF
LU06419	SUPPORT FOR NEW DB2 12 AND 13 FIELDS IN IFCIDS 106 AND 1006	PTF
The CA RS 2207 service count for this release is 59		

DB2 Tools
CA RS 2207 Service List for CIDBK00

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FMID	Service	Description	Type
CIDBK00	LU06109	IDB2 ACCOUNTING MAX PAGE LOCKS VALUE MAY BE UNDERREPORTED	PTF
	LU06140	BATCH REPORT WRITER MAY FAIL WITH DBG02045E ERROR MESSAGE	PTF
	LU06161	ABEND SOE0 IN NGR1026C	PTF
	LU06166	IRLM CONTENTIONS RECORD INCONSISTENT CONNECTION TYPE	PTF
	LU06188	SUPPORT FOR NEW DB2 12 LOCK AND CPU TIME FIELDS	PTF
	LU06218	CSACCTS/CSACCTSL/CSACCTD DO NOT CONTAIN COMPLETE INFORMATION	PTF
	LU06229	NEW IQL FIELDS FOR GMT AND DST ADJUSTMENTS	PTF
	LU06265	ISSUE WITH DATABASE EXCEPTIONS FOR RESTRICTED OBJECT	PTF
	LU06285	INVALID TIMESTAMP PLACEHOLDER FOR MISSING VALUE	PTF
	LU06361	INCORRECTLY REPORTED BUFFER POOL STATISTICS	PTF
	LU06379	SUPPORT FOR CICS/TS 6.1	PTF
	LU06419	SUPPORT FOR NEW DB2 12 AND 13 FIELDS IN IFCIDS 106 AND 1006	PTF
The CA RS 2207 service count for this FMID is 12			

DB2 Tools
CA RS 2207 Service List for CINSK00

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FMID	Service	Description	Type
CINSK00	LU05871	ABEND 478-08 DURING STORAGE RELEASE IN UPM/XMANAGER	PTF
	LU05989	COMPARE REPORT STATES VERSIONING IS ADDED WHEN IT IS NOT	PTF
	LU06051	ALLOW ALLOC OF SYSOUT DATASET FOR INTRDR	PTF
	LU06052	ALTER LIMITKEY AND ADD NEW PARTITIONS MAY CAUSE DATA LOSS	PTF
	LU06115	SOC4 IN RML@BLDM WHEN ANALYZING A MIGRATION STRATEGY	PTF
	LU06117	COMPARE ANALYSIS ENDS WITH A SOC3 ABEND IN RML@UF	PTF
	LU06120	ABEND S90A IN ISPF FOR A MODEL LIBRARY WITH INCORRECT RECFM	PTF
	LU06148	SOC4 ABEND IN RML#VRSG WHEN FUNCTIONS IS INVOLVED	PTF
	LU06172	COMPARE IS IN LOOP WHEN TRIGGER IS THE PARENT OF A FUNCTION	PTF
	LU06216	LUWID FILTERING IN DML AND DDL ACTIVITY REPORTS	PTF
	LU06261	.CALL WITH FAST UNLOAD FAILS WITH BPA0003E ON PTIMSG	** PRP **
	LU06292	DISABLE ARCHIVE DDL IN WRONG PLACE IN THE RECOVERY SCRIPT	PTF
	LU06297	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU06298	BATCH PROCESSOR UNLOAD WITH TIMESTAMP COLUMN ENDS WITH SOC4	PTF
	LU06300	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	LU06309	SECONDS COMMAND RETURNS ONLY 245 SECONDARY USER IDS	PTF
	LU06321	RCO0013E ISSUED WHEN THE FOREIGN KEY IS SELF REFERENTIAL	PTF
	LU06348	DETECT AND RECOVER FROM CONDITION CAUSING OC4 IN PXMMSL	PTF
	LU06407	TABLE DDL MISSING IN ICL ANALYSIS IF LIMIT KEY ALTERED/ADDED	PTF
The CA RS 2207 service count for this FMID is 19			

DB2 Tools
CA RS 2207 Service List for COFSK00

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FMID	Service	Description	Type
COFSK00	LU06230	INCORRECT SECQTY GENERATED IN V12 FOR DB2 V6 CREATED INDEX	PTF
	LU06257	OFS IS NOT DELIMITING LIMITKEY VALUES IN CREATE TABLE DDL	** PRP **
	LU06278	OFS IS NOT GENERATING SECQTY AS -1 WHEN PARM VALUE IS Y	PTF
The CA RS 2207 service count for this FMID is 3			

DB2 Tools
CA RS 2207 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	LU06141	DATABASE ANALYZER INCORRECTLY TRANSLATES NEGATIVE DBIDS	PTF
	LU06301	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	LU06307	RTOS EXCLUDES PARTITIONED OBJECTS WHEN 'PROMOTE TO ALL' USED	** PRP **
The CA RS 2207 service count for this FMID is 3			

DB2 Tools
CA RS 2207 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	LU06112	ABEND 0C4 IN DT\$DII	PTF
	LU06154	ABEND 0C1 AFTER PREMATURE TERMINATION OF STORED PROCEDURE	PTF
	LU06264	PSA MAY INCUR SOC4 ABEND DURING SYNCHRONIZED COLLECTION	PTF
	LU06291	PDTBATCH JCL PROGRAM SOMETIMES SKIPS UNLOADING SOME RECORDS	PTF
	LU06415	ABORT COLUMN SHOWS INCORRECT VALUES	PTF
The CA RS 2207 service count for this FMID is 5			

DB2 Tools
CA RS 2207 Service List for CPFLK00

FMID	Service	Description	Type
CPFLK00	LU06076	S0C4 FLLUIX2 / S878-10 / S0C4 UTL@IXDE / S0C4 FLLFILE	PTF
	LU06163	S0C4 WITH LOBS / S0C4 WITH IBM SWITCH / PFL0024E WITH LOBS	PTF
	LU06304	TRAILING DECIMAL POINT FOR WHOLE NUMBERS	PTF
The CA RS 2207 service count for this FMID is 3			

DB2 Tools
CA RS 2207 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	LU06284	PFU0659E UNLOADING DECIMAL COLUMNS WITH COMMA-DELIMITED	PTF
	LU06305	TRAILING DECIMAL POINT FOR WHOLE NUMBERS	PTF
The CA RS 2207 service count for this FMID is 2			

DB2 Tools
CA RS 2207 Service List for CPLAK00

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FMID	Service	Description	Type
CPLAK00	LU06217	LUWID FILTERING IN DML AND DDL ACTIVITY REPORTS	PTF
The CA RS 2207 service count for this FMID is 1			

DB2 Tools
CA RS 2207 Service List for CPSAK00

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FMID	Service	Description	Type
CPSAK00	LU06137	DATA STORES NOT SEEN ON HISTORICAL SCREEN	PTF
The CA RS 2207 service count for this FMID is 1			

DB2 Tools
CA RS 2207 Service List for CPUTK00

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FMID	Service	Description	Type
CPUTK00	LU06206	S0C4 FLLUIX2 / S878-10 / S0C4 UTL@IXDE / S0C4 FLLFILE	PTF
	LU06289	S0C9 ABEND WHEN DISCARDING DATA IN A SIMPLE TABLESPACE	PTF
	LU06299	PUT2202E - ERROR COMPRESSING INDEX PAGE ON PBR RPN	PTF
The CA RS 2207 service count for this FMID is 3			

DB2 Tools
CA RS 2207 Service List for CRCQK00

FMID	Service	Description	Type
CRCQK00	LU06136	RCQ DATABASE LIST REPORT INCORRECT DISPLAY OF NEGATIVE DBID	PTF
	LU06152	TS-PL REPORT SHOWS INVALID VALUES FOR NEW COLUMNS IN DB2V12	PTF
	LU06302	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
The CA RS 2207 service count for this FMID is 3			

DB2 Tools
CA RS 2207 Service List for CRCUK00

FMID	Service	Description	Type
CRCUK00	LU06310	SECONDS COMMAND RETURNS ONLY 245 SECONDARY USER IDS	PTF
The CA RS 2207 service count for this FMID is 1			

DB2 Tools
CA RS 2207 Service List for CSQ2100

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FMID	Service	Description	Type
CSQ2100	LU06357	SQL238 SQL PARSING ERROR IN OUTER JOINS W/TEMPORAL PERIOD	PTF
The CA RS 2207 service count for this FMID is 1			

DB2 Tools
CA RS 2207 Service List for CTGRK00

FMID	Service	Description	Type
CTGRK00	LU06311	SECONDS COMMAND RETURNS ONLY 245 SECONDARY USER IDS	PTF
The CA RS 2207 service count for this FMID is 1			

DB2 Tools
CA RS 2207 Service List for CUGRK00

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FMID	Service	Description	Type
CUGRK00	LU06213	S0C9 ABEND DURING RECOVERY OF TS WITH SORTLOG NO AND IICS	PTF
The CA RS 2207 service count for this FMID is 1			

Service	Details
LU05871	LU05871 M.C.S. ENTRIES = ++PTF (LU05871) ABEND 478-08 DURING STORAGE RELEASE IN UPM/XMANAGER PROBLEM DESCRIPTION: The Execution Manager (Xmanager) address space of the Database Management Solutions for Db2 for z/OS may experience an S478 ABEND. The ABEND is a result of the Utility Process Manager (UPM) attempting to release storage that was not allocated. SYMPTOMS: The XMANAGER address space abends with the following message: IEA705I ERROR DURING FREEMAIN SYS CODE = 478-08 xman-jobname xman-stepname 00 IEA705I nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 00000000 00000000 The starting address and the length of the area to be freed are zero. The following messages may be printed in the UPMLLOG output at the time of the abend: GEZQUIES: \$XMREQ UT_ORDS error: nnnnnnnnnn GEZQUIES: Error in set_irlmrwt IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: INS 17080 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02040-D200 DESC(ABEND 478-08 DURING STORAGE RELEASE IN UPM/XMANAGER). ++VER (Z038) FMID (CINSK00) PRE (LU01978 LU04412 S000016) SUP (LT05871) ++HOLD (LU05871) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22167) COMMENT (Db2 Common Components Version 20.0 SEQUENCE Before Apply PURPOSE Avoidance of module mismatch related errors in an Xmanager USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. ACCESS 1. Product runtime libraries. REQUIRED </

Service	Details
	***** * 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
LU05989	LU05989 M.C.S. ENTRIES = ++PTF (LU05989) COMPARE REPORT STATES VERSIONING IS ADDED WHEN IT IS NOT PROBLEM DESCRIPTION: In RC/Compare for Db2 for z/OS (RCC), the CHANGE ANALYSIS REPORT incorrectly states VERSIONING is added to the target table when it is not true. This happens when the following are true: 1) The compare uses table as the primary object. 2) Only the source table is in a temporal relationship. 3) The base table from source is paired with a target table. SYMPTOMS: Attribute Status Value ----- ----- ----+-----1-----+-----2-----+-----3-- VERSIONING Currently: (NONE) Changed To: USE HISTORY TABLE <History Table Creator>.<History Table Name> IMPACT: The change anaysis report is misleading. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Compare for DB2 for z/OS Related Problem: RCC 17165 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02065-D200 DESC (COMPARE REPORT STATES VERSIONING IS ADDED WHEN IT IS NOT) . ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04412 LU05886 R097704 S001396 S007379 S009105 S011691 S011966 S012361 S012933 S014125 S014832 S015444 S015804) SUP (LT05982 LT05989)

Service	Details
LU06051	LU06051 M.C.S. ENTRIES = ++PTF (LU06051) The following items are included in this solution: 1. ALLOW ALLOC OF SYSOUT DATASET FOR INTRDR 2. RBP ABENDS WHEN EXECUTING CALL WITH OUTDDN AND ALLOC(NO) ===== ALLOW ALLOC OF SYSOUT DATASET FOR INTRDR PROBLEM DESCRIPTION: Batch Processor for Db2 for z/OS (RBP) does not provide the capability to allocate a sysout dataset with INTRDR. SYMPTOMS: The following error is produced: .ALLOC FI(OUTPUT) SYSOUT(*,INTRDR) -----1-----2-----3-----4-----5-----6-----7 BPA0009E: SYNTAX ERROR ON OR NEAR COLUMN 026. BPA0127E: PARAMETER MISSING ENDING DELIMITER '&V1'. BPA0132E: PARAMETER SUPPORTS AT MOST 00000001 ARGUMENT(S). RETCODE = 8 IMPACT: Customer is unable to dynamically allocate a file to the internal reader. CIRCUMVENTION: NONE PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: RBP 16682 ===== RBP ABENDS WHEN EXECUTING CALL WITH OUTDDN AND ALLOC(NO) PROBLEM DESCRIPTION: Batch Processor for Db2 for z/OS (RBP) fails while performing a .CALL using OUTDDN and ALLOC(NO) parameters. The following statement was in use: .CALL UTLGLCTL PARM(DDOG,) INDDN(SYSIN) OUTDDN(PTIMSG) ALLOC(NO) SYMPTOMS: When using the above syntax, the following error occurred: BPA072E JOB @BP502 ABENDED. ABEND CODE S001 REASON CODE N/A BPA072E PSW AT ABEND 478D1000 80D30A12 BPA072E DATA AT PSW: 00D30A0C - 00181610 0A0D1851 A7C80048 BPA072E UNABLE TO DETERMINE ACTIVE LOAD MODULE. ABENDING MODULE MAY BE IN LPA BPA072E RETURN POINT NOT IN ACTIVE LOAD MODULE BPA072E REGISTERS AT TIME OF ABEND BPA072E R0 - R3 80000000 80001000 00015648 00015648 BPA072E R4 - R7 00015580 007BAFD0 007AFEA0 80D30630 BPA072E R8 - R11 000F1230 3704221D 007AFEA0 80D30656 BPA072E R12 - R15 007BB240 00015708 007FEAB8 00000000 IMPACT: User is unable to use the documented .CALL interface. CIRCUMVENTION: NONE PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem:

Service	Details
	RBP 16764 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02076-D200 DESC(ALLOW ALLOC OF SYSOUT DATASET FOR INTRDR) . ++VER (Z038) FMID (CINSK00) PRE (LU01367 LU03666 LU04412 R099553 S004455 S006638 S007807 S011078 S013417 S015980) SUP (LT01494 LT06051 LU01494 S013075 ST13075) ++HOLD (LU06051) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (22160) 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
LU06052	LU06052 M.C.S. ENTRIES = ++PTF (LU06052) ALTER LIMITKEY AND ADD NEW PARTITIONS MAY CAUSE DATA LOSS PROBLEM DESCRIPTION: When using RC/Migrator for Db2 for z/OS (RCM) to add more than one partitions, the generated ALTER TABLE DDL fails if the following conditions are true: 1) The partitioning key is defined with multiple columns. 2) The existing last partition has a limit key value of MINVALUE/MAXVALUE. 3) The new last partition limit key value uses MINVALUE/MAXVALUE for one of the columns after the first column. SYMPTOMS: The execution of the generated DDL fails with the following error message: DSNT408I SQLCODE = -20385, ERROR: THE STATEMENT CANNOT BE PROCESSED BECAUSE THERE ARE PENDING DEFINITION CHANGES FOR OBJECT D3023025.S3023025 OF TYPE TABLESPACE (REASON 36) IMPACT: The execution of the DDL may fail when executed. If the execution is successful then a data loss may be possible. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 17060 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02077-D200 DESC(ALTER LIMITKEY AND ADD NEW PARTITIONS MAY CAUSE DATA LOSS) . ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 LU03142 LU03657 LU04149 LU04412 LU04813 LU05886 S004455 S004718 S007379 S011691 S011966 S012361 S012933 S015804) SUP (LT06052)

Service	Details
LU06076	LU06076 M.C.S. ENTRIES = ++PTF (LU06076) SOC4 FLLUIX2 / S878-10 / SOC4 UTL@IXDE / SOC4 FLLFILE PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may end with SOC4-10 abend in module FLLUIX2 when running with ZIIP YES. 2. PFL may end with S878-10 when running multiple LOAD statements in one job step. 3. PFL may abend with an SOC4 code in the UTL@IXDE module when the following conditions are true: - Partition-level REPLACE is specified. - There are index free space entries. - REBUILD-INDEX NO is specified. 4. PFL may issue a BPXP011I message and abend with an SOC4 code in various modules. For example, FLLFILE or UTLGLVSD. SYMPTOMS: 1. SOC4-10 in FLLUIX2+D2C. 2. S878-10. Message PUT0916I will report an increasing number for Allocated Below-the-line storage for further utility runs within one step. 3. SOC4 in UTL@IXDE. 4. SOC4 in FLLFILE or UTLGLVSD and the following message: BPXP011I THREAD 3C31080000000006, IN PROCESS 50726474, WAS TERMINATED DUE TO A PTHREAD QUIESCE OF TYPE 2. IMPACT: The load fails. CIRCUMVENTION: 1. Specify ZIIP NO. 2. Distribute the LOAD statements into individual job steps. 3. Specify REBUILD-INDEX YES. 4. None. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 17215 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02079-D200 DESC(SOC4 FLLUIX2 / S878-10 / SOC4 UTL@IXDE / SOC4 FLLFILE). ++VER (Z038) FMID (CPFLK00) PRE (LU00247 LU00724 LU01379 LU02243 LU04417 LU04616 LU04980 LU05225 LU05534 S000018 S007170 S008071 S008378 S009977 S011235 S011846 S011996 S012150 S013203 S013765 S014772 S015015 S015484 S015738 S016089) SUP (LT06076) ++IF FMID(CPUTK00) REQ(LU06206).

Service	Details
LU06109	LU06109 M.C.S. ENTRIES = ++PTF (LU06109) IDB2 ACCOUNTING MAX PAGE LOCKS VALUE MAY BE UNDERREPORTED PROBLEM DESCRIPTION: SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) may underreport the Max Page Locks value in IFCID 20 because the counter is reset at each commit and we are using the value at the final commit. SYMPTOMS: The Max Page Locks value on the IDB2 Accounting summary may be zero or lower than the true value. IMPACT: Investigation into locking problems is more difficult. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17185 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02086-D200 DESC (IDB2 ACCOUNTING MAX PAGE LOCKS VALUE MAY BE UNDERREPORTED) . ++VER (Z038) FMID (CIDBK00) PRE (LU00299 LU00881 LU01977 LU02325 LU02800 LU03023 LU03195 LU03256 LU03286 LU04411 LU05224 LU05687 LU06100 R096575 R097703 R099552 S001395 S004454 S006112 S010160 S011977 S013891 S014016 S014642 S014843 S014923 S015049 S015254 S015931 S016200) SUP (AS16200 LT03146 LT05974 LT06109 LU03146 R097683 TR97683)

Service	Details
LU06112	LU06112 M.C.S. ENTRIES = ++PTF (LU06112) ABEND OC4 IN DTSDII PROBLEM DESCRIPTION: Detector for Db2 for z/OS may take an abend OC4 in DTSDII due to corrupted cells in G-Common when processing host variables for triggers or UDFs. SYMPTOMS: Abend in DTSDII, additionally corruption of cells in G-Common may cause other application abends or loops. IMPACT: Detector collections will terminate, applications may loop. CIRCUMVENTION: Turn off host variable collection via: Host variables ==> N (Y/N) (applies to all options) at collection startup. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 17172 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02087-D200 DESC (ABEND OC4 IN DTSDII). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00176 LU00240 LU00329 LU00402 LU00524 LU00549 LU00684 LU00768 LU00938 LU01002 LU01215 LU01393 LU01467 LU01542 LU01841 LU01933 LU02108 LU02220 LU02290 LU02554 LU02706 LU02796 LU02944 LU03093 LU03710 LU03809 LU03917 LU04015 LU04231 LU04263 LU04356 LU04416 LU04795 LU05052 LU06048 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 S010521 S010538 S010652 S010908 S011694 S011983 S012131 S012429 S012538 S012921 S013450 S013655 S013761 S013887 S013889 S014235 S014338 S014397 S014680 S014782 S015395 S015499 S015573 S015723 S015843 S015927 S016113 S016174) SUP (AL02944 AL03917 AL05152 LT00307 LT01214 LT01903 LT01956 LT02217 LT03386 LT03406 LT03419 LT03461 LT04175 LT04339 LT05051 LT05127 LT05152 LT05265 LT05502 LT05503 LT05545 LT05781 LT05823 LT05875 LT06112 LU03386 LU03406 LU03461 LU04339 LU05127 LU05152 LU05265 LU05503 LU05545 LU05823 LU05875 ST07220 ST10536) ++HOLD (LU06112) SYSTEM FMID (CPDTK00) REASON (RESTART) DATE (22153) COMMENT (+-----+ Detector for Db2 for z/OS 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
LU06115	LU06115 M.C.S. ENTRIES = ++PTF (LU06115) SOC4 IN RML@BLDM WHEN ANALYZING A MIGRATION STRATEGY PROBLEM DESCRIPTION: When using RC/Migrator for Db2 for z/OS (RCM) to analyze a Migration strategy, the analysis may end with a SOC4 abend with a reason code 10 if the strategy includes MQT. SYMPTOMS: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000010 TIME=14.10.39 SEQ=42096 CPU=0000 ASID=0301 PSW AT TIME OF ERROR 078D1000 A8B6D460 ILC 4 INTC 10 ACTIVE MODULE ADDRESS=00000000_28B1D000 OFFSET=00050460 NAME=RML@BLDM DATA AT PSW 28B6D45A - 80304780 5164BF8F 80044780 IMPACT: Customer will 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 17277 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02088-D200 DESC(SOC4 IN RML@BLDM WHEN ANALYZING A MIGRATION STRATEGY). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04412 LU05886 R096576 R097704 R099553 S001396 S004455 S004718 S006638 S006863 S007379 S008606 S009105 S011691 S011966 S012361 S012933 S013154 S015804) SUP (LT01357 LT06115 LU01357 S011988 ST11988)

Service	Details
LU06117	LU06117 M.C.S. ENTRIES = ++PTF (LU06117) COMPARE ANALYSIS ENDS WITH A SOC3 ABEND IN RML@UF PROBLEM DESCRIPTION: When using RC/Compare for Db2 for z/OS (RCC) to analyze a compare strategy, the analysis may end with a SOC3 abend with a REASON CODE 00000003 if the 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/Compare for Db2 for z/OS Version 20.0 Related Problem: RCC 17305 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02089-D200 DESC(COMPARE ANALYSIS ENDS WITH A SOC3 ABEND IN RML@UF). ++VER (Z038) FMID (CINSK00) PRE (LU00399 LU03657 LU04412 LU05886 S004718 S007379 S011691 S011966 S012361 S012933) SUP (LT05331 LT05764 LT06117 LU05331 LU05764)

Service	Details
LU06120	LU06120 M.C.S. ENTRIES = ++PTF (LU06120) ABEND S90A IN ISPF FOR A MODEL LIBRARY WITH INCORRECT RECFM PROBLEM DESCRIPTION: ISPF interface of Database Management Solutions for Db2 for z/OS terminates abnormally with the completion code S90A when a user specifies a model library of incorrect RECFM or LRECL. SYMPTOMS: Abend S904 and reason code 4 in ISPF interface. Typically it happens after a user specifies a model library with incorrect properties on the panel PTBMOD but it can be specified also in the product profile or in the global parmlib member DSNAMEsxx. Diagnostic information references Module name . . . : PTLBMOD and the register 9 contains the BLKSZ attribute of the model library. IMPACT: ISPF interface terminates and all data entered is lost. CIRCUMVENTION: Make sure the model library specified has RECFM = FB and LRECL = 80. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: INS 16970 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02090-D200 DESC(ABEND S90A IN ISPF FOR A MODEL LIBRARY WITH INCORRECT RECFM). ++VER (Z038) FMID (CINSK00) PRE (LU00145 LU04412) SUP (LT06120)

Service	Details																		
LU06136	LU06136 M.C.S. ENTRIES = ++PTF (LU06136) RCQ DATABASE LIST REPORT INCORRECT DISPLAY OF NEGATIVE DBID PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), the Database List report displays a negative DBID value as a positive number. SYMPTOMS: The Database List report returns an incorrect (positive) value for a negative DBID. IMPACT: Customer is given inaccurate data. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 17212 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02091-D200 DESC(RCQ DATABASE LIST REPORT INCORRECT DISPLAY OF NEGATIVE DBID). ++VER (Z038) FMID (CRCQK00) PRE (LU00532 LU04430 LU04657 LU04834 LU05176 LU05797 R096593 R097719 R099569 S001414 S004471 S006128 S006875 S007822 S008232 S008608 S009129 S010321 S010468 S012783 S015697) SUP (LT06136) ++HOLD (LU06136) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (22179) 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>Rebind of affected DB2 packages</td></tr> <tr> <td>USERS</td><td>All Users</td></tr> <tr> <td>AFFECTED</td><td></td></tr> <tr> <td>KNOWLEDGE</td><td>DB2 Tools install administration</td></tr> <tr> <td>REQUIRED</td><td></td></tr> <tr> <td>ACCESS</td><td>DB2 Bind Package authority</td></tr> <tr> <td>REQUIRED</td><td></td></tr> </table> ***** * STEPS TO PERFORM * ***** Run DB2 Tool Post Install bind steps.).	RC/Query for Db2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Rebind of affected DB2 packages	USERS	All Users	AFFECTED		KNOWLEDGE	DB2 Tools install administration	REQUIRED		ACCESS	DB2 Bind Package authority	REQUIRED	
RC/Query for Db2 for z/OS	Version 20.0																		
SEQUENCE	After Apply																		
PURPOSE	Rebind of affected DB2 packages																		
USERS	All Users																		
AFFECTED																			
KNOWLEDGE	DB2 Tools install administration																		
REQUIRED																			
ACCESS	DB2 Bind Package authority																		
REQUIRED																			

Service	Details		
LU06137	LU06137 M.C.S. ENTRIES = ++PTF (LU06137) DATA STORES NOT SEEN ON HISTORICAL SCREEN PROBLEM DESCRIPTION: The Subsystem Analyzer for Db2 for z/OS (PSA) display for historical data stores may not show a data store that was created. SYMPTOMS: Screen PSAH001 will show a line count of 200 under the Scroll value: PSAH0001 --- SS Analyzer Historical Datastore Display --- 22/05/26 11:53 Command ==> Scroll ==> PAGE LINE 1 OF 200 IMPACT: Data stores are not shown and cannot be selected to review via the screens. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Subsystem Analyzer for Db2 for z/OS Version 20.0 Related Problem: PSA 17225 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02092-D200 DESC(DATA STORES NOT SEEN ON HISTORICAL SCREEN). ++VER (Z038) FMID (CPSAK00) PRE (LU01990 LU04232 LU04426 S012926 S016175) SUP (LT06137) ++HOLD (LU06137) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (22154) COMMENT (<table border="1"> <tr> <td>Subsystem Analyzer for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> SEQUENCE Before Apply PURPOSE Avoidance of module mismatch related errors in an Xmanager USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. ACCESS 1. Product runtime libraries. REQUIRED ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections.	Subsystem Analyzer for Db2 for z/OS	Version 20.0
Subsystem Analyzer for Db2 for z/OS	Version 20.0		

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

Service	Details
LU06140	M.C.S. ENTRIES = ++PTF (LU06140) BATCH REPORT WRITER MAY FAIL WITH DBG02045E ERROR MESSAGE PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) Batch Report Writer (NSIGHTRW) fails with the DBG02045E message for ARCISTDA and ARCISTSA IQL reports if the DB2VER parameter is not specified or equal to "9.1". SYMPTOMS: The following message appears in the joblog: DBG02045E 04:27:53 INVALID OUTPUT-FILE FORMAT IMPACT: The Batch Report Writer for ARCISTDA and ARCISTSA IQL reports are not usable if the DB2VER parameter is not specified, or equal to "9.1". CIRCUMVENTION: Specify the DB2VER parameter for the Batch Report Writer. The value should be greater than or equal to "10.1". PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS

Service	Details
	<pre>* STEPS TO PERFORM * ***** 1. Re-execute the Db2 Tools Post Install dialog. 2. Run the Archive Table Migration Utility (NSIGMIGA). The sample JCL can be found in member ARCMIGUT in the installation SOURCE library. 3. Run SQL statements from the ALTEROUT file. 4. Modify your archive procedure to use the new LOAD statements and IQLs stored in the LOADOUT and IQLOUT libraries.).</pre>

Service	Details
LU06141	LU06141 M.C.S. ENTRIES = ++PTF (LU06141) DATABASE ANALYZER INCORRECTLY TRANSLATES NEGATIVE DBIDS PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) incorrectly translates negative DBID values. The incorrect translation affects the following items: 1. Selection of objects during action condition processing. 2. Value for the %DBID automated symbolic. SYMPTOMS: 1. Action conditions that use %DBID in an SQL where clause reject objects negative DBID. 2. Incorrect value assigned to the %DBID when the DBID is negative. IMPACT: 1. Objects with negative DBID will not be selected for the desired action. 2. %DBID value results in incorrect logic for the model. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 17008 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02094-D200 DESC (DATABASE ANALYZER INCORRECTLY TRANSLATES NEGATIVE DBIDS) . ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00314 LU00635 LU00891 LU01089 LU01626 LU02095 LU02456 LU04122 LU04221 LU04415 LU04989 R099555 S000017 S004457 S006115 S009652 S009763 S010042 S013683 S014175 S016206) SUP (AL00146 AL00314 AL02456 AL03680 AL04221 BL00146 LT00257 LT00475 LT01338 LT02194 LT03680 LT05085 LT05663 LT06141 LU00257 LU00475 LU01338 LU03680 LU05085 LU05663 S013584 ST05436 ST05467 ST05510 ST05806 ST05830 ST13584)

Service	Details
LU06148	LU06148 M.C.S. ENTRIES = ++PTF (LU06148) SOC4 ABEND IN RML#VRSG WHEN FUNCTIONS IS INVOLVED PROBLEM DESCRIPTION: When using RC/Compare for DB2 for z/OS (RCC) to import a Function or Procedure without a version, the analysis ends with a SOC4 abend. SYMPTOMS: RMA365E ***** RMA365E * * RMA365E * RC/MIGRATOR ANALYSIS ABEND HAS OCCURED * RMA365E * RMA@ESTA GENERAL PURPOSE ESTAE EXIT ENTERED * RMA365E * * RMA365E * ABEND CODE WAS:SOC4. REASON CODE WAS: 00000011 * RMA365E * * RMA365E * ABEND OCCURED IN RC/MIGRATOR MODULE: RML#VRSG * RMA365E * UNABLE TO DETERMINE ABENDING CSECT * RMA365E * MODULE LOAD ADDRESS: 1CDAC000 * RMA365E * MODULE ENTRY ADDRESS: 1CDAC2A0 * RMA365E * MODULE LENGTH: 00001100 * RMA365E * RMA@ESTA GENERAL PURPOSE ESTAE EXIT EXITING * RMA365E * * RMA365E ***** IEA995I SYMPTOM DUMP OUTPUT 664 SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=09.08.27 SEQ=63258 CPU=0000 ASID=0041 PSW AT TIME OF ERROR 078D1000 9CDACDBA ILC 6 INTC 11 ACTIVE MODULE ADDRESS=00000000_1CDAC000 OFFSET=00000DBA NAME=RML#VRSG DATA AT PSW 1CDACDB4 - 1B45A74A FFFED200 D1993000 IMPACT: User will not be able to import a function or procedure without a version. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 17359 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02096-D200 DESC(SOC4 ABEND IN RML#VRSG WHEN FUNCTIONS IS INVOLVED). ++VER (Z038) FMID (CINSK00) PRE (LU03657 LU04149 LU04412 LU05886 S004718) SUP (LT06148)

Service	Details																		
LU06152	LU06152 M.C.S. ENTRIES = ++PTF (LU06152) TS-PL REPORT SHOWS INVALID VALUES FOR NEW COLUMNS IN DB2V12 PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), the Tablespace Partition List report may display an incorrect DSSIZE, PGSIZE, TYPE, PAGENUM, MEMBER_CLUSTER and COMPRESSRATIO value when the default Null value is in the system catalog. SYMPTOMS: Invalid DSSIZE, PGSIZE, TYPE, PAGENUM, MEMBER_CLUSTER and COMPRESSRATIO value displayed. IMPACT: Customer will be provided with inaccurate data. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 17119 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02097-D200 DESC(TS-PL REPORT SHOWS INVALID VALUES FOR NEW COLUMNS IN DB2V12). ++VER (Z038) FMID (CRCQK00) PRE (LU04430 LU05797 R099569 S001414 S004471 S006875 S009129 S009852) SUP (LT05963 LT06152) ++HOLD (LU06152) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (22158) 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>Db2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. Db2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND, SYSADM or SYSCNTL on Db2 subsystem.</td></tr> </table> ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more	RC/Query for Db2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE		REQUIRED	Db2 Tools Post Install Customization.	ACCESS	1. Db2 Tools Post Install	REQUIRED	2. BIND, SYSADM or SYSCNTL on Db2 subsystem.
RC/Query for Db2 for z/OS	Version 20.0																		
SEQUENCE	After Apply																		
PURPOSE	Bind Plans and Packages																		
USERS																			
AFFECTED	All Users																		
KNOWLEDGE																			
REQUIRED	Db2 Tools Post Install Customization.																		
ACCESS	1. Db2 Tools Post Install																		
REQUIRED	2. BIND, SYSADM or SYSCNTL on Db2 subsystem.																		

Service	Details
	information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors. <pre> +-----+ RC/Query for Db2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Rebind affected package +-----+ USERS All Users AFFECTED +-----+ KNOWLEDGE DB2 Tools Post Install REQUIRED +-----+ ACCESS DB2 Bind Package authority REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 1. Perform bind of package RQATSPL).</pre>

Service	Details	
LU06154	LU06154 M.C.S. ENTRIES = ++PTF (LU06154) ABEND OC1 AFTER PREMATURE TERMINATION OF STORED PROCEDURE PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) may fail with a SOC1 or cause a cancelled thread to end with an OC1 following the premature termination of a stored procedure. SYMPTOMS: The cancelled thread will abend with an SOC1 on the following summary information: SYSTEM COMPLETION CODE=OC1 REASON CODE=00000001 PSW AT TIME OF ERROR 470C2001 A8161310 ILC 6 INTC 01 NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 2816130A - FFFF5BC4 C9C5E3D0 B0280071 IMPACT: This is low impact because the thread that terminates with a SOC1 was in termination processing. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 17267 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02098-D200 DESC (ABEND OC1 AFTER PREMATURE TERMINATION OF STORED PROCEDURE) . ++VER (Z038) FMID (CPDTK00) PRE (LU00240 LU00329 LU00402 LU00549 LU00684 LU01002 LU01215 LU01393 LU01467 LU01542 LU01933 LU02220 LU02290 LU02554 LU02706 LU02796 LU02944 LU03093 LU03461 LU03917 LU04231 LU04416 LU05127 LU05152 LU05823 LU06048 LU06112 R096168 R096580 R097707 R098429 R099556 R099946 S000263 S000423 S003942 S004458 S004757 S006116 S006334 S006838 S006865 S007810 S007988 S008129 S008323 S008446 S008789 S009065 S009828 S010018 S010492 S010538 S010652 S010908 S011694 S011983 S012538 S012921 S013450 S013655 S013889 S014338 S014680 S015843 S015927 S016113) SUP (AL05152 LT00307 LT01214 LT01903 LT01956 LT02217 LT03386 LT03406 LT05265 LT05545 LT06154 LU03386 LU03406 LU05265 LU05545) ++HOLD (LU06154) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22158) 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	

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
LU06161	LU06161 M.C.S. ENTRIES = ++PTF (LU06161) ABEND S0E0 IN NGR1026C PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) module NGR1026 may abend with S0E0 when Db2 becomes active at exact same interval as IDB2 start processing a request for buffer pool size data (STATS-BUFFER-SIZES). SYMPTOMS: An S0E0 abend may occur in load module NGRABPC2 CSECT NGR1026C in a data collector(DC) with NONSTOP=YES sysparm. IMPACT: The DC reflects the S0E0 abend in the joblog and produces a dump. CIRCUMVENTION: Stage an automated startup of the DC after Db2 is up. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 17281 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02099-D200 DESC (ABEND S0E0 IN NGR1026C). ++VER (Z038) FMID (CIDBK00) PRE (LU03023 LU04411 LU05058 LU05749 R096575 R097703 S001395 S006112 S006862 S007806 S008846 S010160 S010906 S011465 S011977 S012536 S012769 S013557 S015254 S015931) SUP (LT00434 LT06161 LU00434 S010248 ST10248)

Service	Details
LU06163	LU06163 M.C.S. ENTRIES = ++PTF (LU06163) SOC4 WITH LOBS / SOC4 WITH IBM SWITCH / PFL0024E WITH LOBS PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may abend with SOC4 in FLLRM2 or FLL\$LOB2 when loading LOB columns. 2. PFL abends with SOC4 in FLLMDRV when switching to IBM with multiple input data sets. 3. PFL fails with the "PFL0024E - MMGR PUTDIR" error message when the LOB tablespace expands to a second data set. SYMPTOMS: 1. SOC4 abend in FLLRM2 or FLL\$LOB2. 2. SOC4 abend in FLLMDRV. 3. "PFL0024E - MMGR PUTDIR" error message. IMPACT: Processing fails. CIRCUMVENTION: 1. None. 2. Specify only one input data set for the load and rerun the job. 3. None. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 17106 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02100-D200 DESC(SOC4 WITH LOBS / SOC4 WITH IBM SWITCH / PFL0024E WITH LOBS). ++VER (Z038) FMID (CPFLK00) PRE (LU00136 LU00178 LU00724 LU00983 LU01720 LU03191 LU04159 LU04417 LU04616 LU05348 LU05457 R096581 R097708 S000018 S000081 S001401 S001656 S004459 S005012 S006117 S006866 S007811 S009977 S010752 S011235 S011325 S011431 S011601 S011996 S012150 S012275 S012526 S013066 S013175 S013203 S014031 S014772 S015015 S015484 S015938 S016089) SUP (AS09180 AS13203 AS14433 LT02008 LT06163 LU02008 S009180 S009378 S014025 S014433 S014694 S016246 ST05071 ST09180 ST09378 ST14018 ST14025 ST14433 ST14694 ST16246)

Service	Details
LU06166	LU06166 M.C.S. ENTRIES = ++PTF (LU06166) IRLM CONTENTIONS RECORD INCONSISTENT CONNECTION TYPE PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) IRLM-CONTENTIONS record may not populate a value for CONNECTION-TYPE. SYMPTOMS: The CONNECTION-TYPE field is zeros. IMPACT: IQL requests based on this record cannot determine the CONNECTION-TYPE, and cannot reliably use it in a WHERE clause. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17368 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02102-D200 DESC(IRLM CONTENTIONS RECORD INCONSISTENT CONNECTION TYPE). ++VER (Z038) FMID (CIDBK00) PRE (LU01030 LU02340 LU02634 LU02646 LU03286 LU03348 LU04411 LU05058 LU05976 LU05999 LU06045 LU06100 R096575 R099552 S000077 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S009519 S010906 S011977 S012769 S013508 S013891 S014099 S015254) SUP (LT03455 LT05211 LT06166 LU03455 LU05211)

Service	Details
LU06172	LU06172 M.C.S. ENTRIES = ++PTF (LU06172) COMPARE IS IN LOOP WHEN TRIGGER IS THE PARENT OF A FUNCTION PROBLEM DESCRIPTION: In RC/Compare for Db2 for z/OS (RCC), the analysis of a compare strategy is in loop if the Function is the primary object and Triggers are the dependent of functions. SYMPTOMS: The analysis is running for ever. IMPACT: The users can not successfully analyze the strategy. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: RCC 17386 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02103-D200 DESC(COMPARE IS IN LOOP WHEN TRIGGER IS THE PARENT OF A FUNCTION). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04412 LU05886 S004455 S004718 S007379 S009105 S011691 S011966 S012361 S012933 S015804) SUP (LT06172 S010763 ST10763)

Service	Details
LU06188	LU06188 M.C.S. ENTRIES = ++PTF (LU06188) SUPPORT FOR NEW DB2 12 LOCK AND CPU TIME FIELDS ENHANCEMENT DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) adds support for new Db2 12 fields to the CURR-STATS2 (IFCID 2/1002) record, sections QIST and Q8ST. New fields are reporting the number of fails and retries for conditional locks and the CPU times consumed by the integrated synchronization accelerator functionality. The following reports were updated: SYSACDTL, SYSLOCKS HSACCDTL, HSUACDTL, HSCPU, HSLOCK, HSUCPU, HSULOCK BTSTATR1, BTSTASM2 DSQSTATS, DSQHIST, DSAISTD New online report is introduced: IDSDB2CP PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 16934 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02104-D200 DESC(SUPPORT FOR NEW DB2 12 LOCK AND CPU TIME FIELDS) . ++VER (Z038) FMID (CIDBK00) PRE (LU00545 LU00697 LU01030 LU01100 LU01166 LU01175 LU01977 LU02033 LU02096 LU02303 LU02340 LU02428 LU02516 LU02634 LU02646 LU02708 LU03091 LU03286 LU03348 LU03435 LU03929 LU04097 LU04282 LU04287 LU04374 LU04411 LU04498 LU04566 LU04803 LU05058 LU05224 LU05497 LU05687 LU05749 LU05976 LU06045 LU06100 R096575 R097703 R099552 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S010160 S010405 S010716 S010739 S010906 S011616 S011780 S011977 S012536 S012769 S013508 S013557 S013891 S014099 S014754 S014883 S015049 S015070 S015254 S015647 S016270 S016300) SUP (LT00282 LT01513 LT02439 LT04818 LT05606 LT06188 LU00282 LU01513 LU02439 LU04818 LU05606 S008728 S015761 S015913 ST03732 ST08728 ST15761 ST15913) CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) .

Service	Details
LU06206	LU06206 M.C.S. ENTRIES = ++PTF (LU06206) SOC4 FLLUIX2 / S878-10 / SOC4 UTL@IXDE / SOC4 FLLFILE PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may end with SOC4-10 abend in module FLLUIX2 when running with ZIIP YES. 2. PFL may end with S878-10 when running multiple LOAD statements in one job step. 3. PFL may abend with an SOC4 code in the UTL@IXDE module when the following conditions are true: - Partition-level REPLACE is specified. - There are index free space entries. - REBUILD-INDEX NO is specified. 4. PFL may issue a BPXP011I message and abend with an SOC4 code in various modules. For example, FLLFILE or UTLGLVSD. SYMPTOMS: 1. SOC4-10 in FLLUIX2+D2C. 2. S878-10. Message PUT0916I will report an increasing number for Allocated Below-the-line storage for further utility runs within one step. 3. SOC4 in UTL@IXDE. 4. SOC4 in FLLFILE or UTLGLVSD and the following message: BPXP011I THREAD 3C31080000000006, IN PROCESS 50726474, WAS TERMINATED DUE TO A PTHREAD QUIESCE OF TYPE 2. IMPACT: The load fails. CIRCUMVENTION: 1. Specify ZIIP NO. 2. Distribute the LOAD statements into individual job steps. 3. Specify REBUILD-INDEX YES. 4. None. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 17215 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02079-D200 DESC(SOC4 FLLUIX2 / S878-10 / SOC4 UTL@IXDE / SOC4 FLLFILE). ++VER (Z038) FMID (CPUTK00) PRE (LU00248 LU00727 LU03192 LU03323 LU03847 LU04427 LU04618 LU05305 LU05349 LU05535 LU05868 S000024 S001411 S008072 S008380 S008429 S008586 S009978 S011238 S011521 S012153 S012529 S013098 S013767 S014773 S015486 S015740) SUP (LT06206 ST08364) ++IF FMID(CPFLK00) REQ(LU06076).

Service	Details
LU06213	LU06213 M.C.S. ENTRIES = ++PTF (LU06213) SOC9 ABEND DURING RECOVERY OF TS WITH SORTLOG NO AND IICS PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) may end with a SOC9 abend in module FRL@TASK during recovery or RC=8 and error message PFR0246E during index rebuild following recovery: PFR0246E - DUPLICATE KEYS FOUND FOR INDEX '&creator..&IX.' RID FOLLOW: This may occur for a multi part tablespace with one or more incremental image copies taken with DSNM part and while using PFR SORTLOG NO option. SYMPTOMS: PFR ends with SOC9 abend or with RC=8 and error message PFR0246E. IMPACT: PFR may not be able to recover tablespace and rebuild index with SORTLOG NO. CIRCUMVENTION: Use SORTLOG YES. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 17120 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02108-D200 DESC(SOC9 ABEND DURING RECOVERY OF TS WITH SORTLOG NO AND IICS). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU03214 LU03759 LU04435 LU05850) SUP (LT01127 LT01534 LT04732 LT06213 LU01127 LU01534 LU04732)

Service	Details
LU06216	LU06216 M.C.S. ENTRIES = ++PTF (LU06216) LUWID FILTERING IN DML AND DDL ACTIVITY REPORTS ENHANCEMENT DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) is now able to filter DML and DDL activity reports based on the Logical Unit of Work ID (LUWID) of units of recovery. This feature is not currently available in strategies for DML and DDL activity reports. PRODUCT(S) AFFECTED: Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 16175 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02109-D200 DESC(LUWID FILTERING IN DML AND DDL ACTIVITY REPORTS). ++VER (Z038) FMID (CINSK00) PRE (LU00123 LU00131 LU00237 LU00254 LU00438 LU00643 LU00723 LU01039 LU01178 LU01384 LU01405 LU01978 LU02229 LU02726 LU03657 LU04006 LU04230 LU04369 LU04412 LU04621 LU05059 LU05993 R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004250 S004455 S005011 S006113 S006608 S006863 S007379 S007807 S008578 S008869 S009183 S009761 S009785 S010004 S010028 S010173 S010200 S010676 S011078 S011084 S011684 S011966 S012715 S014174 S014381 S014566 S014865 S015311 S015709 S015980) SUP (LT00701 LT06216 ST12171 ST12714) ++IF FMID(CPLAK00) REQ(LU06217) . ++HOLD (LU06216) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22165) COMMENT (Db2 Common Components Version 20.0 SEQUENCE Before Apply PURPOSE Avoidance of module mismatch related errors in an Xmanager USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. ACCESS 1. Product runtime libraries. REQUIRED ***** * STEPS TO PERFORM * *****

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

Service	Details	
LU06217	LU06217 M.C.S. ENTRIES = ++PTF (LU06217)	
	LUWID FILTERING IN DML AND DDL ACTIVITY REPORTS	
	ENHANCEMENT DESCRIPTION:	
	Log Analyzer for Db2 for z/OS (PLA) is now able to filter	
	DML and DDL activity reports based on the Logical Unit of Work ID (LUWID)	
	of units of recovery.	
	This feature is not currently available in strategies for DML and DDL	
	activity reports.	
	PRODUCT(S) AFFECTED:	
	Log Analyzer for DB2 for z/OS	Version 20.0
	Related Problem:	
	PLA 16175	
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	R02109-D200	
	DESC(LUWID FILTERING IN DML AND DDL ACTIVITY REPORTS).	
	++VER (Z038)	
	FMID (CPLAK00)	
	PRE (LU00132 LU00138 LU00165 LU00238 LU00597 LU00672 LU00725	
	LU00759 LU00882 LU00903 LU00940 LU01040 LU01043 LU01180	
	LU01385 LU01538 LU01869 LU01950 LU01985 LU02062 LU02230	
	LU02381 LU02979 LU03228 LU03250 LU03316 LU03492 LU03660	
	LU03749 LU03925 LU04004 LU04419 LU05115 LU05973 R096583	
	R097709 R099559 S000020 S000975 S001403 S001641 S004245	
	S004461 S004795 S005014 S006119 S006718 S006868 S007382	
	S007813 S008008 S008802 S008870 S009083 S009108 S009133	
	S009252 S009333 S010641 S010677 S011113 S011419 S011583	
	S011669 S011782 S011809 S011969 S012173 S012364 S012487	
	S012654 S012797 S012889 S012900 S012935 S013009 S013625	
	S013879 S014033 S014137 S014613 S014866 S015064 S015220	
	S015456 S015895)	
	SUP (AC13695 AL02381 AS14137 LT00356 LT00480 LT01170 LT01415	
	LT02213 LT02767 LT02816 LT03160 LT03282 LT03500 LT03731	
	LT04562 LT04788 LT04842 LT05019 LT05155 LT05352 LT05496	
	LT05577 LT05734 LT05954 LT06217 LU00356 LU00480 LU01415	
	LU02213 LU02767 LU02816 LU03282 LU03500 LU03731 LU04562	
	LU04788 LU04842 LU05019 LU05155 LU05352 LU05496 LU05577	
	LU05734 LU05954 S010390 S012763 S013224 S013234 S013718	
	S014142 S014452 S014949 S015531 S016075 ST05005 ST10390	
	ST12763 ST13224 ST13234 ST13718 ST13916 ST14142 ST14452	
	ST14924 ST14949 ST15531 ST15593 ST15601 ST15620 ST15631	
	ST15958 ST16075)	
	++IF FMID(CINSK00) REQ(LU06216).	
	++HOLD (LU06217) SYSTEM FMID(CPLAK00)	
	REASON (DB2BIND) DATE (22165)	
	COMMENT (	
	+-----+	
	Log Analyzer for Db2 for z/OS	Version 20.0
	+-----+	
	SEQUENCE After Apply	
	+-----+	
	PURPOSE Bind Plans and Packages	
	+-----+	

Service	Details
	<pre> USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). ++HOLD (LU06217) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (22165) COMMENT (+-----+ Log Analyzer for Db2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All Db2 Tools Users +-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems +-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). </pre>

Service	Details
LU06218	LU06218 M.C.S. ENTRIES = ++PTF (LU06218) CSACCTS/CSACCTSL/CSACCTD DO NOT CONTAIN COMPLETE INFORMATION PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) datashareable reports CSACCTS, CSACCTSL and CSACCTD that display aggregated accounting statistics by connection type do not contain complete information. This happens when data come from more than two members of a data sharing group for requests in Delta mode. SYMPTOMS: Only up to 20 lines are displayed on the CSACCTS (Acct Stats by Conn Type) and CSACCTSL (DSG Acct Stats for Conn Type) list reports. The CSACCTD (Accounting Stats by Connection Detail) report displays no information. IMPACT: Missing aggregated accounting information for some connection types and Db2 members. CIRCUMVENTION: Add NEVENTS parameter in CSACCTS, CSACCTSL and CSACCTD requests. Value for NEVENTS parameter should be calculated as 8 multiplied by the maximum number of members in a data sharing group. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17376 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02110-D200 DESC (CSACCTS/CSACCTSL/CSACCTD DO NOT CONTAIN COMPLETE INFORMATION). ++VER (Z038) FMID (CIDBK00) PRE (LU02303 LU04411 LU06100 R099552 S007806 S015070) SUP (LT06218)

Service	Details
LU06229	LU06229 M.C.S. ENTRIES = ++PTF (LU06229) NEW IQL FIELDS FOR GMT AND DST ADJUSTMENTS PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) introduces IQL fields to indicate if Greenwich Mean Time(GMT) and Day light Saving Time(DST) adjustments are applied to batch report writer utility(NSIGHTRW) output records. The new IQL fields are: GMT-OFFSET - Specifies the standard time offset from GMT for your location. This field is a signed byte. The value is the time zone correction in hours, derived from the batch report writer parameter GMT-ADJUSTMENT. DST-LOCN-CODE - Specifies a 2-character DST location code. The value is derived from the batch report writer parameter DST-LOCATION. DST location defines when DST starts and ends. If DST does not apply to location, this field is blank. The following values are valid: US-Uses DST rules for USA. CA-Uses DST rules for Canada. EU-Uses DST rules for Europe. BR-Uses DST rules for Brazil. IS-Uses DST rules for Israel. Both IQL fields are valid for batch report writer utility (NSIGHTRW). Else, they will be zero/blank. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17191 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02111-D200 DESC(NEW IQL FIELDS FOR GMT AND DST ADJUSTMENTS). ++VER (Z038) FMID (CIDBK00) PRE (LU00299 LU00697 LU01030 LU01041 LU01175 LU01977 LU02033 LU02093 LU02096 LU02118 LU02428 LU02516 LU02634 LU02646 LU03091 LU03256 LU03286 LU03348 LU04097 LU04287 LU04374 LU04411 LU04803 LU05006 LU05058 LU05224 LU05271 LU05497 LU05687 LU05976 LU06045 LU06100 LU06188 R096575 R099552 S000077 S001395 S004454 S006112 S006862 S007806 S008846 S009519 S009556 S010160 S010739 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014164 S014389 S014754 S014923 S015049 S015070 S015254 S015647 S016116 S016200 S016270) SUP (LT05767 LT06192 LT06229 LU05767)

Service	Details
LU06230	LU06230 M.C.S. ENTRIES = ++PTF (LU06230) INCORRECT SECQTY GENERATED IN V12 FOR DB2 V6 CREATED INDEX PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), DDL and HDDL commands on a migrated index generate the SECQTY value incorrectly as 0 even when the SQTY column of the SYSIBM.SYSINDEXPART catalog table has a valid value. SYMPTOMS: SECQTY value is generated as 0. IMPACT: Statement generated is incorrect. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: OFS 17293 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02112-D200 DESC(INCORRECT SECQTY GENERATED IN V12 FOR DB2 V6 CREATED INDEX). ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU03315 LU03659 LU04202 LU04413 R096577 R097705 R099554 S001397 S004456 S006114 S006864 S008435 S009106 S015225 S015440) SUP (LT02387 LT06230 LU02387)

Service	Details				
LU06257	LU06257 M.C.S. ENTRIES = ++PTF (LU06257) OFS IS NOT DELIMITING LIMITKEY VALUES IN CREATE TABLE DDL PROBLEM DESCRIPTION: The Object Framework Services component of the Database Management solutions for Db2 for z/OS, is not delimiting the partitioning limit key values of type DATE and TIMESTAMP in the CREATE TABLE DDL. This problem is observed: 1. In RC/Migrator for Db2 for z/OS (RCM), analysis output of any strategy type. 2. In RC/Query for Db2 for z/OS (RCQ), DDL and HDDL command execution on table objects. SYMPTOMS: Generated partitioning limit key values are not delimited as below. PARTITION BY RANGE (DATUM NULLS LAST ASC) (PARTITION 1 ENDING (2015-12-31 <----) INCLUSIVE , PARTITION 2 ENDING (2016-06-30 <---- IMPACT: DDL generated is not executable. 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 17322 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02117-D200 DESC(OFS IS NOT DELIMITING LIMITKEY VALUES IN CREATE TABLE DDL). ++VER (Z038) FMID (COFSK00) PRE (LU02437 LU03315 LU03659 LU04085 LU04413 R096577 R097705 R099554 S004456 S006114) SUP (AL02437 BL02437 LT06250 LT06257 ST04946)	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
LU06261	LU06261 M.C.S. ENTRIES = ++PTF (LU06261) .CALL WITH FAST UNLOAD FAILS WITH BPA0003E ON PTIMSG PROBLEM DESCRIPTION: The Batch Processor for Db2 for z/OS (RBP), terminates in a .CALL for UTLGLCTL for a Fast Unload execution. This failure occurs after installing PTF LU06051. SYMPTOMS: The following message is issued: BPA0003E: DATASET OPEN FAILED FOR DDNAME: PTIMSG. IMPACT: The RBP script terminates after the message is issued, even though the Fast Unload process completed successfully. CIRCUMVENTION: Back off PTF LU06051. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: RBP 17460 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02118-D200 DESC(.CALL WITH FAST UNLOAD FAILS WITH BPA0003E ON PTIMSG). ++VER (Z038) FMID (CINSK00) PRE (LU03666 LU04412 LU06051 R099553 S006638 S011078 S015980) SUP (AL06051 LT01494 LT06261 LU01494 S013075 ST13075)

Service	Details		
LU06264	LU06264 M.C.S. ENTRIES = ++PTF (LU06264) PSA MAY INCUR SOC4 ABEND DURING SYNCHRONIZED COLLECTION PROBLEM DESCRIPTION: Subsystem Analyzer for Db2 for z/OS (PSA) may incur a SOC4 abend when running synchronous Detector and Subsystem Analyzer collections. SYMPTOMS: An SVC dump with the title as shown below will be taken. Collection processing recovers and does not terminate. Dump Title: CA-SSANALZE 20.0 COLLECTION FRR/SDUMP IMPACT: A small amount of data may not be collected during the recovery. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Subsystem Analyzer for Db2 for z/OS Version 20.0 Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 17395 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02119-D200 DESC(PSA MAY INCUR SOC4 ABEND DURING SYNCHRONIZED COLLECTION). ++VER (Z038) FMID (CPDTK00) PRE (LU01542 LU01841 LU03917 LU04231 LU04263 LU04416 LU05052 LU05503 LU05823 LU06048 LU06112 R096168 R097707 R098429 S001400 S003942 S004458 S006334 S007810 S009044 S010908 S011694 S013887 S015395 S015499 S015573) SUP (LT06249 LT06251 LT06264) ++HOLD (LU06264) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22167) COMMENT (<table border="1"> <tr> <td>Detector for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> SEQUENCE Before Apply PURPOSE Avoidance of module mismatch related errors in an Xmanager USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. ACCESS 1. Product runtime libraries. REQUIRED ***** * STEPS TO PERFORM * *****	Detector for Db2 for z/OS	Version 20.0
Detector for Db2 for z/OS	Version 20.0		

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
LU06265	LU06265 M.C.S. ENTRIES = ++PTF (LU06265) ISSUE WITH DATABASE EXCEPTIONS FOR RESTRICTED OBJECT PROBLEM DESCRIPTION: SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) might not set up database exceptions for restricted objects at startup of the data collector. Also, IDB2 might build the IDB2-EXCEPTIONS record (IFCID 1042) without a snapshot of active exceptions data. SYMPTOMS: Database is in restricted status, yet the exception system does not trigger the exception. When you issue a DISPLAY command for an IQL request that is based on IDB2-EXCEPTIONS to list the active exceptions, the list is empty. Second request returns the data. IMPACT: Database exceptions for restricted objects do not work unless the exception system is restarted. CIRCUMVENTION: Restart the exception system. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17392 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02120-D200 DESC (ISSUE WITH DATABASE EXCEPTIONS FOR RESTRICTED OBJECT) . ++VER (Z038) FMID (CIDBK00) PRE (LU00282 LU00545 LU00697 LU01175 LU01977 LU02033 LU02340 LU02634 LU02642 LU02646 LU02708 LU03091 LU03435 LU03929 LU04287 LU04374 LU04411 LU04566 LU04803 LU05058 LU05224 LU05687 LU06045 LU06100 LU06188 R096575 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010906 S011616 S012769 S013557 S013891 S014099 S014754 S015070 S015647 S016300) SUP (LT01035 LT02439 LT06265 LU01035 LU02439 S012078 ST06087 ST12078 ST16189) CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) .

Service	Details
LU06278	LU06278 M.C.S. ENTRIES = ++PTF (LU06278) OFS IS NOT GENERATING SECQTY AS -1 WHEN PARM VALUE IS Y PROBLEM DESCRIPTION: When analyzing a DDL to Db2 subsystem comparie strategy in RC/Migrator for Db2 for z/OS (RCM), the generated CREATE TABLESPACE DDL with partitions has incorrect SECQTY value as 131068(4k page)instead of -1 when GENERATE_COMMON_PARTITION_SPECIFICATIONS_AT_GLOBAL_LEVEL (Y) is set in the OFS parmlib member. SYMPTOMS: SECQTY value is generated as 131068 instead of -1. IMPACT: Statement generated is incorrect. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 0 Related Problem: OFS 17325 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02122-D200 DESC(OFS IS NOT GENERATING SECQTY AS -1 WHEN PARM VALUE IS Y) . ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU03315 LU03659 LU04413 R096577 R097705 R099554 S001397 S006114 S006864 S012362 S015225 S015440) SUP (LT06278 S014570 ST14570)

Service	Details
LU06284	LU06284 M.C.S. ENTRIES = ++PTF (LU06284) PFU0659E UNLOADING DECIMAL COLUMNS WITH COMMA-DELIMITED PROBLEM DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) fails and issues error message PFU0659E when unloading DECIMAL columns and converting them to a mixed/DBCS encoding with OUTPUT-FORMAT COMMA-DELIMITED. SYMPTOMS: The following error message is issued: PFU0659E - CCSID TRANSLATION ERROR DUE TO EXPANDING CONVERSION, FORMATTED DATA SIZE EXCEEDS ALLOWED MAX: 00032 SELECT FEWER COLUMNS, USE OUTPUT FORMAT LOAD, SELECT INTO COLUMNS OF VARYING LENGTH, OR USE LOAD-CONTROL FASTLOAD AND OUTPUT-FORMAT VARIABLE FOR INPUT TO FASTLOAD IMPACT: Processing fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Fast Unload for Db2 for z/OS Version 20.0 Related Problem: PFU 17391 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02124-D200 DESC(PFU0659E UNLOADING DECIMAL COLUMNS WITH COMMA-DELIMITED) . ++VER (Z038) FMID (CPFUK00) PRE (LU04418 LU05397 R099558 S001818 S004460 S016195) SUP (LT06284)

Service	Details
LU06285	LU06285 M.C.S. ENTRIES = ++PTF (LU06285) The following items are included in this solution: 1. INVALID TIMESTAMP PLACEHOLDER FOR MISSING VALUE 2. INVALID PRECOMPILE TIMESTAMP IN IFCID 145 AUDIT-LOG ===== INVALID TIMESTAMP PLACEHOLDER FOR MISSING VALUE PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS Batch Report Writer outputs an invalid date value with zeros for month and day when the IQL field is contained within a section that is not present in the processed trace record. SYMPTOMS: The OUTFILE produced by the Batch Report Writer contains date values such as: ..00-00-00 1900-00-00 2000-00-00 IMPACT: Invalid date format may cause a problem during a LOAD to a Db2 archive table. Such a record is discarded by the LOAD utility. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17279 ===== INVALID PRECOMPILE TIMESTAMP IN IFCID 145 AUDIT-LOG PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) IQL field PRETIME of the IFCID 145 AUDIT-LOG trace record is documented as containing the package precompilation timestamp. The actual content of the field is the DBRM consistency token. While the consistency token is closely related to the time of precompilation, the bit layout of the value is different from the TOD format that is internally used by the IDB2 Data Collector and Batch Report Writer. IQL request ARCIDMLB incorrectly uses the PRETIME field as a TOD timestamp value. The OUTFILE produced by the ARCIDMLB request thus contains incorrect timestamp values. SYMPTOMS: The AUDIT_DML_BIND_DETAIL archive table column contains obviously incorrect values in the PRECOMP_TIMESTAMP column (e.g. year 1915). IMPACT: Incorrect data in the PRECOMP_TIMESTAMP column of the AUDIT_DML_BIND_DETAIL archive table. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17280 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02125-D200

Service	Details
	DESC(INVALID TIMESTAMP PLACEHOLDER FOR MISSING VALUE) . ++VER (Z038) FMID (CIDBK00) PRE (LU00697 LU01030 LU01175 LU01829 LU02033 LU02118 LU02340 LU02428 LU02516 LU02634 LU02646 LU03091 LU03252 LU03286 LU03348 LU04097 LU04287 LU04374 LU04411 LU04498 LU04803 LU05058 LU05224 LU05271 LU05687 LU05749 LU05999 LU06045 LU06100 LU06166 LU06188 LU06229 R096575 R097703 R099552 S000077 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S009519 S010160 S010405 S010739 S010906 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014754 S014883 S015049 S015070 S015254 S015647 S016270 S016300) SUP (BC13004 LT02031 LT04371 LT05606 LT05767 LT05976 LT06033 LT06142 LT06208 LT06285 LU02031 LU04371 LU05606 LU05767 LU05976 LU06033 S008728 S009743 S014337 S015913 S016046 ST03732 ST08728 ST09743 ST14337 ST15913 ST16046) ++HOLD (LU06285) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (22173) COMMENT (+-----+ SYSVIEW Performance Management Option for Db2 for z/OS +-----+ +-----+ +-----+ SEQUENCE After Apply +-----+ +-----+ +-----+ PURPOSE Enhancement +-----+ +-----+ +-----+ USERS All users of the Archive component AFFECTED +-----+ +-----+ +-----+ KNOWLEDGE Db2 Tools Post Install REQUIRED +-----+ +-----+ +-----+ ACCESS Post Install customization libraries REQUIRED +-----+ +-----+ The customer should plan to upgrade to the new archive tables. +-----+ +-----+ ***** * STEPS TO PERFORM * ***** 1. Re-execute the Db2 Tools Post Install dialog. 2. Modify your archive procedure to use the new ARCIDMLB IQL member if needed.).

Service	Details
LU06289	LU06289 M.C.S. ENTRIES = ++PTF (LU06289) SOC9 ABEND WHEN DISCARDING DATA IN A SIMPLE TABLESPACE PROBLEM DESCRIPTION: Fast Load for Db2 for z/OS (PFL) fails with SOC9 abend when discarding data in a SIMPLE tablespace. SYMPTOMS: SOC9 IN PROGRAM UTA\$MGT. IMPACT: The load fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Fast Load for DB2 for z/OS Version 20.0 Keyword(s): SIMPLE DISCARDS SOC9 LOAD Related Problem: PFL 15924 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02126-D200 DESC(SOC9 ABEND WHEN DISCARDING DATA IN A SIMPLE TABLESPACE). ++VER (Z038) FMID (CPUTK00) PRE (LU00140 LU04427 S000024 S005016 S008879 S011238 S011433 S011999 S012153 S013205 S015486 S015939) SUP (LT06289)

Service	Details
LU06291	LU06291 M.C.S. ENTRIES = ++PTF (LU06291) PDTBATCH JCL PROGRAM SOMETIMES SKIPS UNLOADING SOME RECORDS PROBLEM DESCRIPTION: When using PDTBATCH, sometimes all the records are not getting unloaded. SYMPTOMS: On rare occasions some records are not unloaded when using the PDTBATCH JCL program. IMPACT: The data displayed on the ISPF panels will not match the data unloaded to a dataset. The dataset could be missing a few records. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14971 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02127-D200 DESC(PDTBATCH JCL PROGRAM SOMETIMES SKIPS UNLOADING SOME RECORDS). ++VER (Z038) FMID (CPDTK00) PRE (LU01982 LU03998 LU04416 LU05052 S001400 S008244 S008455) SUP (LT06291)

Service	Details
LU06292	LU06292 M.C.S. ENTRIES = ++PTF (LU06292) DISABLE ARCHIVE DDL IN WRONG PLACE IN THE RECOVERY SCRIPT PROBLEM DESCRIPTION: In RC/Migrator for DB2 for z/OS (RCM), the recovery DDL generated by the SNAPSHOT process to Disable the Archive is generated after the Enable Archive DDL. SYMPTOMS: Disable Archive is generated after Enable Archive. IMPACT: The execution of the recovery script will not restore the archive-enabled table. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 17397 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02128-D200 DESC(DISABLE ARCHIVE DDL IN WRONG PLACE IN THE RECOVERY SCRIPT). ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU03657 LU03856 LU04412 S000016 S004718) SUP (LT06292)

Service	Details
LU06297	LU06297 M.C.S. ENTRIES = ++PTF (LU06297) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. For more details access Security Advisories using the following URL: support.broadcom.com/security-advisory/security-advisories-list.html Broadcom recommends that you subscribe to notifications for Security Advisories for the associated products that you support in your organization. Please use the following URL to register for proactive notifications: https://support.broadcom.com/user/notifications.html SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: INS 17484 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02129-D200 DESC (SECURITY OR INTEGRITY PROBLEM) . ++VER (Z038) FMID (CINSK00) PRE (LU04412 S001396 S007807 S008825 S010061 S012323 S013484) SUP (AL03417 AL03879 AL03952 AL04399 AL05364 LT03417 LT03879 LT03952 LT04399 LT05326 LT05364 LT06297 LU03417 LU03879 LU03952 LU04399 LU05364 S014168 S014491 S015122 ST11667 ST14168 ST14491 ST15122) LINK('.. /PDT/ui/mtc-dbm.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT (PDTAAMKD,PRE) .

Service	Details
LU06298	LU06298 M.C.S. ENTRIES = ++PTF (LU06298) BATCH PROCESSOR UNLOAD WITH TIMESTAMP COLUMN ENDS WITH SOC4 PROBLEM DESCRIPTION: In the Batch Processor (RBP) component of the Database Management Solutions for Db2 for z/OS, the following error is seen when a new timestamp column is specified with a batch processor unload. * The batch processor unload fails with a SOC4 abend. * When using batch processor unload output with the UNICODE keyword, loading data into a table fails with -180 SQL error for a non EBCDIC table. SYMPTOMS: The following problem is seen when using the batch processor unload: * A SOC4 abend occur when executing the batch processor unload as follows: <pre>.CALL UNLOAD .DATA ... SELECT COL1, COL2 FROM <creator>.<tablename> LIMIT(ALL) PAGESIZE(4) COLUMNS(COL1,,,,, ,COL2,,,,, ,,NEW_COL,TIMESTMP,N,,) ... SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 ACTIVE MODULE NAME=BPLUNLD * A -180 SQL error for a non EBCDIC table occurs when using the UNICODE keyword in a batch processor unload card and load utility card to load data. IMPACT: The batch processor unload cannot be used with a new timestamp column. Users cannot load data using batch processor unload output. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Db2 Common Components Related Problem: RBP 17307 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02130-D200 DESC(BATCH PROCESSOR UNLOAD WITH TIMESTAMP COLUMN ENDS WITH SOC4). ++VER (Z038) FMID (CINSK00) PRE (LU04412 S006863) SUP (LT06298)</pre> Version 20.0

Service	Details
LU06299	LU06299 M.C.S. ENTRIES = ++PTF (LU06299) PUT2202E - ERROR COMPRESSING INDEX PAGE ON PBR RPN PROBLEM DESCRIPTION: Fast Load for Db2 for z/OS (PFL) fails with RC 16 and error message PUT2202E when loading a table in a tablespace defined with PAGENUM RELATIVE (PBR RPN) and a compressed index is defined on the table. SYMPTOMS: The following message is printed in PTIMSG and the job terminates. PUT2202E - Error Compressing Index Page 00000003 Return Code 00000010, Reason Code 000000C8 Module: UTAGLIX2_WR3 IMPACT: The load fails. CIRCUMVENTION: Alter the compressed indexes to COMPRESS NO, run PFL, alter the indexes back to COMPRESS YES, and run the REBUILD INDEX utility. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Utilities Common Version 20.0 Related Problem: PUT 17437 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02131-D200 DESC(PUT2202E - ERROR COMPRESSING INDEX PAGE ON PBR RPN). ++VER (Z038) FMID (CPUTK00) PRE (LU00727 LU04427 S000024 S014567) SUP (LT06299)

Service	Details		
LU06300	LU06300 M.C.S. ENTRIES = ++PTF (LU06300) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a future planned enhancement. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 16737 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02132-D200 DESC (INFRASTRUCTURE FOR FUTURE ENHANCEMENT) . ++VER (Z038) FMID (CINSK00) PRE (LU00135 LU00145 LU00254 LU00890 LU01625 LU01978 LU02455 LU03761 LU04121 LU04220 LU04412 LU04988 R096576 R097704 R099553 S000016 S001396 S003843 S004455 S004947 S005011 S007807 S009022 S009761 S010041 S010514 S011234 S011547 S011700 S013682 S014029 S014174 S014731 S015129 S016205) SUP (AC04039 AL02861 AS11234 LT02860 LT02861 LT03961 LT04118 LT05916 LT06199 LT06300 LU02861 LU03961 S003965 S008016 S010639 S013320 S014173 S015770 ST03965 ST08016 ST10639 ST10962 ST11649 ST13320 ST14139 ST14173 ST15099 ST15127 ST15770) ++IF FMID(CPDAK00) REQ(LU06301) . ++IF FMID(CRCQK00) REQ(LU06302) . ++HOLD (LU06300) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22168) COMMENT (<table border="1"> <tr> <td>Db2 Common Components</td><td>Version 20.0</td></tr> </table> SEQUENCE Before Apply PURPOSE Avoidance of module mismatch related errors in an Xmanager USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. ACCESS 1. Product runtime libraries. REQUIRED ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections.	Db2 Common Components	Version 20.0
Db2 Common Components	Version 20.0		

Service	Details
	2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.). CSECT (RAACATP,WH1KYS,WH2KYS,WL1KYS,WL2KYS) . CSECT (RAACATS,CLHKEYS,CLLKEYS,CONV_OUT) . CSECT (RAAMCTL,PDA2GLD,RSNCDCHK,DO#ESTAX,OWNCHECK,SBLDERR,ATTACH1,TASKMSG,MCTLVERC,MCTLEXTI,MCTLEXTM,SLIPTRAP,TABLE1) . CSECT (RAASBLD,SBLDESTA,HKEYS,LKEYS,DERIVEDF) . CSECT (RAASIX2,OPENDB,OPENERR,COLLESTG,IDPKEYDP,IXDIRPAG,INITSTAT,HIGHVALS) . CSECT (RAASTB,SEGTBL04,SEGTBL08,SEGTBL16,SEGTBL32,SETSPM#,INVEDPRC,FSSMPLNG,GETDECOMP,COLLESTG,GETDCTN,SYSP_RTN,HEADRTN,GETSEQ,GETDIRP,OPENFILE,CLOSFIL,OPENDSPR,EXCPERR,EXCPGETB,MAPAUDT,PAGEAUDT,SPMSTATS,SEGROUND,INITSTAT,CHKPMASK,CHKSPMAP,PROCPREC,VREX#CE,RELOC) .

Service	Details
LU06301	LU06301 M.C.S. ENTRIES = ++PTF (LU06301) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a future planned enhancement. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 16737 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02132-D200 DESC (INFRASTRUCTURE FOR FUTURE ENHANCEMENT) . ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00256 LU00314 LU00381 LU00635 LU00891 LU01089 LU01626 LU01860 LU01981 LU02095 LU02456 LU03680 LU03762 LU03814 LU04122 LU04221 LU04415 LU04989 LU06141 R096579 R097706 R099555 S000017 S001399 S004457 S004948 S006115 S007809 S009023 S009300 S009652 S009763 S010042 S011017 S011701 S013683 S014030 S014175 S014732 S015130 S016206) SUP (AL00146 AL00314 AL04221 BL00146 LT00257 LT00475 LT01067 LT01126 LT01338 LT02194 LT02785 LT05085 LT05102 LT05917 LT06200 LT06301 LU00257 LU00475 LU01126 LU01338 LU02785 LU05085 LU05102 S004010 S011931 S013584 ST04010 ST05436 ST05467 ST05510 ST05806 ST05830 ST08903 ST09302 ST09328 ST11931 ST13584 ST13913 TR99434) ++IF FMID(CINSK00) REQ(LU06300) . ++IF FMID(CRCQK00) REQ(LU06302) . CSECT (RAACATB,HIGHKEYS,LOWKEYS,WHIKEYS,WLOWKEYS) . CSECT (RAASMBK,IKSQL,CLSSQL,TBSQL,TSSQL,CDSQL,FQSQL,VLSQL,IXSQL,CSSQL, FC1ASC,FC1ASCOL,FC1DES,FC3ASC,FC3ASCOL,FC3DES,FCDASC,FCDASCOL,FCDDDES, FFQASC,FFQASCOL,FFQDES,FC6ASC,FC6ASCOL,FC6DES) .

Service	Details
LU06302	LU06302 M.C.S. ENTRIES = ++PTF (LU06302) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a future planned enhancement. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 16737 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02132-D200 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CRCQK00) PRE (LU00147 LU02030 LU04430 R099569 S010163) SUP (LT05918 LT06201 LT06302 ST13933 ST13953 ST14015 ST14156 ST14159 ST16284) ++IF FMID(CINSK00) REQ(LU06300). ++IF FMID(CPDAK00) REQ(LU06301).

Service	Details
LU06304	LU06304 M.C.S. ENTRIES = ++PTF (LU06304) TRAILING DECIMAL POINT FOR WHOLE NUMBERS ENHANCEMENT DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) has been enhanced to allow the addition of a trailing decimal point to external DECIMAL numbers with 0 scale and using OUTPUT-FORMAT COMMA-DELIMITED. Specify the new DECIMAL-POINT-ALWAYS keyword with option YES to use this feature. PRODUCT(S) AFFECTED: Fast Unload for Db2 for z/OS Version 20.0 Related Problem: PFU 17337 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02133-D200 DESC(TRAILING DECIMAL POINT FOR WHOLE NUMBERS) . ++VER (Z038) FMID (CPFLK00) PRE (LU01720 LU02243 LU03191 LU03577 LU03846 LU04417 LU05207 LU05225 LU05457 LU05880 R096581 R097708 S000018 S000704 S001656 S004275 S004459 S007170 S007811 S008428 S009024 S010195 S011996 S012128 S012150 S012275 S012526 S013097 S013203 S013765 S014772 S015312 S016089) SUP (LT06304 ST15281 ST15288) ++IF FMID(CPFUK00) REQ(LU06305) .

Service	Details
LU06305	LU06305 M.C.S. ENTRIES = ++PTF (LU06305) TRAILING DECIMAL POINT FOR WHOLE NUMBERS ENHANCEMENT DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) has been enhanced to allow the addition of a trailing decimal point to external DECIMAL numbers with 0 scale and using OUTPUT-FORMAT COMMA-DELIMITED. Specify the new DECIMAL-POINT-ALWAYS keyword with option YES to use this feature. PRODUCT(S) AFFECTED: Fast Unload for Db2 for z/OS Version 20.0 Related Problem: PFU 17337 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02133-D200 DESC(TRAILING DECIMAL POINT FOR WHOLE NUMBERS) . ++VER (Z038) FMID (CPFUK00) PRE (LU00281 LU00302 LU00886 LU01350 LU02727 LU03032 LU03211 LU03265 LU03353 LU03732 LU04418 LU04789 LU04868 LU06078 LU06284 R099558 S000019 S001402 S001657 S001818 S004460 S006118 S006867 S007812 S008860 S011108 S011997 S012151 S012276 S012527 S013151 S013707 S014984 S015236 S016195) SUP (LT02822 LT03039 LT06305 ST13123 ST15158) ++IF FMID(CPFLK00) REQ(LU06304) .

Service	Details																
LU06307	LU06307 M.C.S. ENTRIES = ++PTF (LU06307) RTOS EXCLUDES PARTITIONED OBJECTS WHEN 'PROMOTE TO ALL' USED PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) may incorrectly exclude partitioned objects during Real Time Objects Selection (RTOS) when PTF S014175 is applied and the 'Promote to all (Tbls/Ixs) when any part is selected' auto selection option is set to 'All'. SYMPTOMS: In the PTIMSG output, the following section is missing the list of processed objects: Adjust remaining objects after above criteria is applied to: Promote to all (Tbls/Ixs) when any part is selected ==> A (All/No) RTOS message related abbreviations: DI=DBID, PI=PSID, IN=INSTANCE ---> the list of the processed objects is missing 10 total TS individual partitions processed 5 total unique TSes promoted to ALL TBLs when any part selected The same symptoms can be observed for indexes. The partitioned objects are also missing from the 'Action Processing' part of the PTIMSG output and missing from the generated Action JCL. IMPACT: The maintenance Action JCL for the impacted object is not generated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 17348 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02134-D200 DESC(RTOS EXCLUDES PARTITIONED OBJECTS WHEN 'PROMOTE TO ALL' USED). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00314 LU01626 LU02095 LU02456 LU04415 LU04989 LU06141 LU06301 R099555 S000017 S009652 S010042 S014175) SUP (AS14175 LT01932 LT06307) ++HOLD (LU06307) SYSTEM FMID(CPDAK00) REASON (DB2BIND) DATE (22174) COMMENT (<table border="1"> <tr> <td>Database Analyzer for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Bind Plans and Packages</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>Db2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. Db2 Tools Post Install</td></tr> </table>)	Database Analyzer for Db2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE		REQUIRED	Db2 Tools Post Install Customization.	ACCESS	1. Db2 Tools Post Install
Database Analyzer for Db2 for z/OS	Version 20.0																
SEQUENCE	After Apply																
PURPOSE	Bind Plans and Packages																
USERS																	
AFFECTED	All Users																
KNOWLEDGE																	
REQUIRED	Db2 Tools Post Install Customization.																
ACCESS	1. Db2 Tools Post Install																

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

Service	Details
LU06309	LU06309 M.C.S. ENTRIES = ++PTF (LU06309) SECONDS COMMAND RETURNS ONLY 245 SECONDARY USER IDS PROBLEM DESCRIPTION: The Database Management Solutions for Db2 for z/OS SECONDS command with in Product Authorizations only supports 245 secondary userids. This value has been increased to support up to 1012 secondary userids. SYMPTOMS: The Seconds commands in Product Authorization panel shows a maximum of 245 ids for a given Primary ID. If the primary userid has more than 245 secondary ids, the first 245 ids will appear on the screen and the remaining ids will not be displayed. IMPACT: The SECONDS command does not list all secondary ids. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Database Management Solutions for Db2 for z/OS Version 20.0 Related Problem: GEN 17284 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02135-D200 DESC(SECONDS COMMAND RETURNS ONLY 245 SECONDARY USER IDS). ++VER (Z038) FMID (CINSK00) PRE (LU01934 LU01978 LU04412 R099553 S006113) SUP (LT06268 LT06309) ++IF FMID(CRCUK00) REQ(LU06310). ++IF FMID(CTGRK00) REQ(LU06311).

Service	Details
LU06310	LU06310 M.C.S. ENTRIES = ++PTF (LU06310) SECONDS COMMAND RETURNS ONLY 245 SECONDARY USER IDS PROBLEM DESCRIPTION: The Database Management Solutions for Db2 for z/OS SECONDS command with in Product Authorizations only supports 245 secondary userids. This value has been increased to support up to 1012 secondary userids. SYMPTOMS: The Seconds commands in Product Authorization panel shows a maximum of 245 ids for a given Primary ID. If the primary userid has more than 245 secondary ids, the first 245 ids will appear on the screen and the remaining ids will not be displayed. IMPACT: The SECONDS command does not list all secondary ids. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Database Management Solutions for Db2 for z/OS Version 20.0 Related Problem: GEN 17284 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02135-D200 DESC(SECONDS COMMAND RETURNS ONLY 245 SECONDARY USER IDS). ++VER (Z038) FMID (CRCUK00) PRE (LU04432) SUP (LT06269 LT06310) ++IF FMID(CINSK00) REQ(LU06309). ++IF FMID(CTGRK00) REQ(LU06311).

Service	Details
LU06311	LU06311 M.C.S. ENTRIES = ++PTF (LU06311) SECONDS COMMAND RETURNS ONLY 245 SECONDARY USER IDS PROBLEM DESCRIPTION: The Database Management Solutions for Db2 for z/OS SECONDS command with in Product Authorizations only supports 245 secondary userids. This value has been increased to support up to 1012 secondary userids. SYMPTOMS: The Seconds commands in Product Authorization panel shows a maximum of 245 ids for a given Primary ID. If the primary userid has more than 245 secondary ids, the first 245 ids will appear on the screen and the remaining ids will not be displayed. IMPACT: The SECONDS command does not list all secondary ids. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Database Management Solutions for Db2 for z/OS Version 20.0 Related Problem: GEN 17284 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02135-D200 DESC(SECONDS COMMAND RETURNS ONLY 245 SECONDARY USER IDS). ++VER (Z038) FMID (CTGRK00) PRE (LU04434 S003676) SUP (LT06311) ++IF FMID(CINSK00) REQ(LU06309). ++IF FMID(CRCUK00) REQ(LU06310).

Service	Details
LU06321	LU06321 M.C.S. ENTRIES = ++PTF (LU06321) RC00013E ISSUED WHEN THE FOREIGN KEY IS SELF REFERENTIAL PROBLEM DESCRIPTION: RC/Migrator for DB2 for z/OS (RCM) will issue message RC00013E without generating the create table DDL if the following conditions are true: 1) The DB2 version for the target subsystem is >= 'V12R1M502'. 2) The table is defined with a self referential foreign key. 3) One of the foreign key column name matches the parent key Column name. SYMPTOMS: RC00013E: Internal Error service(ZOMPDCNV) RC=16 ;20 ,12 IMPACT: The create table DDL is not generated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 17510 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02136-D200 DESC(RC00013E ISSUED WHEN THE FOREIGN KEY IS SELF REFERENTIAL). ++VER (Z038) FMID (CINSK00) PRE (LU03314 LU03657 LU03923 LU04412 LU05886 R099553 S001396 S004455 S007379 S011966 S012933 S014125 S015804) SUP (LT00613 LT06321 LU00613 S009602 S015449 ST09565 ST09602 ST15449)

Service	Details		
LU06348	LU06348 M.C.S. ENTRIES = ++PTF (LU06348) DETECT AND RECOVER FROM CONDITION CAUSING OC4 IN PXMMSL PROBLEM DESCRIPTION: Db2 Common Components (Xmanager) of z/OS is being changed to detect and recover from a condition which is causing an OC4 in PXMMSL. SYMPTOMS: Xmanager may take an SOC4 in PXMMSL and terminate. IMPACT: The Xmanager started task must be re-started. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PXM 17426 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02140-D200 DESC(DETECT AND RECOVER FROM CONDITION CAUSING OC4 IN PXMMSL). ++VER (Z038) FMID (CINSK00) PRE (LU04412 R099979 S011674) SUP (LT06348) ++HOLD (LU06348) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22174) 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. 3. Update the runtime library. 4. Restart the Xmanager task.	Db2 Common Components	Version 20.0
Db2 Common Components	Version 20.0		

Service	Details
	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
LU06357	LU06357 M.C.S. ENTRIES = ++PTF (LU06357) SQL238 SQL PARSING ERROR IN OUTER JOINS W/TEMPORAL PERIOD PROBLEM DESCRIPTION: In Common SQL Services for Db2 for z/OS (SQ2), the SQL Parser service may have difficulty processing SQL statements that use an outer join with temporal period specification parameter "FROM value1 TO value2". SYMPTOMS: In SQL-Ease for Db2 for z/OS (SQE), a user attempted to do an Enhanced Explain with an SQL statement that included a left outer join with a temporal period specification: <pre>SELECT A.EMP_NO FROM QAPPA.V10TEMPORAL_SYSTEM A LEFT JOIN QAPPA.V10_BITEMPORAL FOR SYSTEM_TIME FROM TIMESTAMP('2010-01-01 01:01:00') TO TIMESTAMP('2012-12-31 01:01:00') B ON A.EMP_NO = B.EMP_NO</pre> The Explain failed to complete and the following error message was issued: SQL238: LEXICAL Analysis has detected an invalid TOKEN. Expecting a WITH token or <end-of-statement>. IMPACT: Varies across Broadcom products. In SQL-Ease, the Enhanced Explain could not explain the SQL statement. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Common SQL Services for Db2 for z/OS Version 1.0 Related Problem: SQ2 17521 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R00038-SQ2010 DESC(SQL238 SQL PARSING ERROR IN OUTER JOINS W/TEMPORAL PERIOD). ++VER (Z038) FMID (CSQ2100) PRE (LU00565 LU04462 LU05110 R096102 R096495 R097090 R098041 R099899 S000849 S005308 S006494 S008576 S012501 S013982) SUP (LT01432 LT03760 LT04561 LT06357 LU01432 LU03760 LU04561 S008799 S015184 ST08799 ST15184)

Service	Details
LU06361	LU06361 M.C.S. ENTRIES = ++PTF (LU06361) INCORRECTLY REPORTED BUFFER POOL STATISTICS PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) may incorrectly report buffer pool statistics: - History Buffer Pool reports may show incorrect data when BP was inactive in the first selected history interval. - Real-time Buffer Pool reports and their associated trace record STATS-BUFFER-SIZES (IFCID 1026) may show incorrect values in the fields related to BP in the first delta interval. SYMPTOMS: Historical buffer pool statistics reports have higher values for all buffer pool statistics. Real-time buffer pool statistics are invalid in the first delta interval. IMPACT: The buffer pool reports show unreliable data. CIRCUMVENTION: For history reporting, change the selected history range to start with the interval when buffer pool was active. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17116 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02141-D200 DESC (INCORRECTLY REPORTED BUFFER POOL STATISTICS). ++VER (Z038) FMID (CIDBK00) PRE (LU01175 LU03091 LU03286 LU04374 LU04411 LU04498 LU04803 LU05687 LU05749 LU06045 LU06100 LU06188 LU06285 R096575 R099552 S004454 S006112 S008846 S010160 S011780 S012769 S013557 S013891 S014099 S015070 S015647 S016300) SUP (LT06361)

Service	Details
LU06379	LU06379 M.C.S. ENTRIES = ++PTF (LU06379) SUPPORT FOR CICS/TS 6.1 ENHANCEMENT DESCRIPTION: SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) provides support for CICS Transaction Server version 6.1 PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17498 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02143-D200 DESC(SUPPORT FOR CICS/TS 6.1). ++VER (Z038) FMID (CIDBK00) PRE (LU00697 LU01030 LU01175 LU01829 LU02033 LU02340 LU02516 LU02634 LU02646 LU03091 LU03252 LU03286 LU03348 LU04097 LU04287 LU04374 LU04411 LU04498 LU04803 LU05058 LU05224 LU05271 LU05687 LU05749 LU05976 LU05999 LU06045 LU06100 LU06188 LU06229 LU06285 R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010405 S010739 S010906 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014754 S014883 S015049 S015070 S015254 S015647 S016270 S016300) SUP (BC13004 LT04371 LT05606 LT06033 LT06361 LT06379 LU04371 LU05606 LU06033 LU06361 S008728 S009743 S012196 S014337 S014864 S015913 S016046 ST03732 ST08728 ST09743 ST12196 ST14337 ST14864 ST15913 ST16046)

Service	Details
LU06407	LU06407 M.C.S. ENTRIES = ++PTF (LU06407) TABLE DDL MISSING IN ICL ANALYSIS IF LIMIT KEY ALTERED/ADDED PROBLEM DESCRIPTION: When using RC/Migrator for Db2 for z/OS (RCM) to add more than one partitions and alter the existing last partition, the ICL incorrectly drops the table and the ICL-DDL analysis does not generate DDL for the altered table. SYMPTOMS: Create or Alter table DDL is not generated when the ICL is analyzed. IMPACT: The altered table will be lost when the script is executed. CIRCUMVENTION: Analyze the strategy instead of analyzing the ICL. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 17550 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02147-D200 DESC(TABLE DDL MISSING IN ICL ANALYSIS IF LIMIT KEY ALTERED/ADDED) . ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 LU03142 LU03657 LU04149 LU04412 LU04813 LU05886 S004455 S004718 S007379 S011691 S011966 S012361 S012933 S015804) SUP (LT06052 LT06407 LU06052)

Service	Details
LU06415	LU06415 M.C.S. ENTRIES = ++PTF (LU06415) ABORT COLUMN SHOWS INCORRECT VALUES PROBLEM DESCRIPTION: Broadcom Detector for Db2 for z/OS shows a incorrect value for the ABORT column when the gvalue is greater than 999,999. SYMPTOMS: The ABORT columns shows a non-sensical value. IMPACT: The ABORT column value is incorrect. The internal count and unload value is correct. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 17446 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02149-D200 DESC (ABORT COLUMN SHOWS INCORRECT VALUES). ++VER (Z038) FMID (CPDTK00) PRE (LU01982 LU02132 LU02271 LU04231 LU04416 LU06048 R099556 S014860) SUP (LT06415) ++HOLD (LU06415) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22180) 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. </pre>

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

Service	Details
LU06419	LU06419 M.C.S. ENTRIES = ++PTF (LU06419) SUPPORT FOR NEW DB2 12 AND 13 FIELDS IN IFCIDS 106 AND 1006 ENHANCEMENT DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) supports new Db2 system parameters added to the following DB2 trace records: - DSNZPARM (IFCID 106) - CURR-PARMS (IFCID 1006) The following Db2 V12 system parameters were added: ALLOW_UPD_DEL_INS_WITH_UR (ALLOW-UPDDELINS-WITH-UR) - Specifies whether Db2 allows the preparation of UPDATE, DELETE, or INSERT statements with the WITH UR isolation level attribute. SUBSTR_COMPATIBILITY (SUBSTR-COMPATIBILITY) - Specifies whether SUBSTR allows incorrect validation of input parameters. LOAD_RO_OBJECTS (LOAD-RO-OBJECTS) - Specifies whether Db2 utilities allow LOAD into read-only objects. UTILS_USE_ZSORT (UTILS-USE-ZSORT) - Specifies whether Db2 utilities try to use the IBM Integrated Accelerator for Z Sort in DFSORT calls. REORG_INDEX_NOSYSUT1 (REORG-INDEX-NOSYSUT1) - Specifies whether REORG INDEX runs with the NOSYSUT1 option by default. LOAD_DEL_IMPLICIT_SCALE (LOAD-DEL-IMPLICIT-SCALE) - Specifies how the Db2 LOAD utility handles decimal values with a missing decimal point when executed with FORMAT DELIMITED. MFA_AUTHCACHE_UNUSED_TIME (MFA-AUTHCACHE-UNUSED-TIM) - Specifies the number of seconds that Db2 keeps multi-factor authentication (MFA) credentials from a distributed client in the Db2 global authentication cache. REORG_IC_LIMIT_DASD (REORG-IC-LIMIT-DASD) - Specifies the maximum number of sequential image copies on DASD that Db2 REORG TABLESPACE can allocate. REORG_IC_LIMIT_TAPE (REORG-IC-LIMIT-TAPE) - Specifies the maximum number of sequential image copies on tape that Db2 REORG TABLESPACE can allocate. FTB_NON_UNIQUE_INDEX (FTB-NON-UNIQUE-INDEX) - Specifies whether non-unique indexes are eligible for fast traversal processing. The following Db2 V13 system parameters were added: SPREG_LOCK_TIMEOUT_MAX (SPREG-LOCK-TIMEOUT-MAX) - Specifies the maximum value that you can use in a SET CURRENT LOCK TIMEOUT statement. TABLE_COL_NAME_EXPANSION (TABLE-COL-NAME-EXPANSION) - Specifies whether Db2 allows column names longer than 30 EBCDIC characters. UTILITY_HISTORY (UTILITY-HISTORY) - Specifies whether Db2 writes information about the Db2 utility execution history to the SYSIBM1.SYSUTILITIES catalog table. The following reports were updated: BTSYSPRM, DSQPARMS, SYSPARMS, HSPARMS. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17366 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02151-D200 DESC(SUPPORT FOR NEW DB2 12 AND 13 FIELDS IN IFCIDS 106 AND 1006). ++VER (Z038) FMID (CIDBK00) PRE (LU00697 LU01030 LU01100 LU01175 LU02033 LU02096 LU02303 LU02428 LU02634 LU02646 LU03091 LU03286 LU03348 LU04097

Service	Details					
	LU04287 LU04374 LU04411 LU04803 LU05058 LU05224 LU05687					
	LU05976 LU06045 LU06100 LU06188 LU06229 LU06285 LU06379					
	R096575 R097703 R099552 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 LT06419 LU05606 S015913 ST15913)					
	MCS	LU05871		STARTS ON PAGE	0003	
	MCS	LU05989		STARTS ON PAGE	0004	
	MCS	LU06051		STARTS ON PAGE	0005	
	MCS	LU06052		STARTS ON PAGE	0008	
	MCS	LU06076		STARTS ON PAGE	0009	
	MCS	LU06109		STARTS ON PAGE	0010	
	MCS	LU06112		STARTS ON PAGE	0011	
	MCS	LU06115		STARTS ON PAGE	0013	
	MCS	LU06117		STARTS ON PAGE	0014	
	MCS	LU06120		STARTS ON PAGE	0015	
	MCS	LU06136		STARTS ON PAGE	0016	
	MCS	LU06137		STARTS ON PAGE	0018	
	MCS	LU06140		STARTS ON PAGE	0019	
	MCS	LU06141		STARTS ON PAGE	0021	
	MCS	LU06148		STARTS ON PAGE	0022	
	MCS	LU06152		STARTS ON PAGE	0023	
	MCS	LU06154		STARTS ON PAGE	0025	
	MCS	LU06161		STARTS ON PAGE	0027	
	MCS	LU06163		STARTS ON PAGE	0028	
	MCS	LU06166		STARTS ON PAGE	0029	
	MCS	LU06172		STARTS ON PAGE	0030	
	MCS	LU06188		STARTS ON PAGE	0031	
	MCS	LU06206		STARTS ON PAGE	0033	
	MCS	LU06213		STARTS ON PAGE	0034	
	MCS	LU06216		STARTS ON PAGE	0035	
	MCS	LU06217		STARTS ON PAGE	0037	
	MCS	LU06218		STARTS ON PAGE	0054	
	MCS	LU06229		STARTS ON PAGE	0055	
	MCS	LU06230		STARTS ON PAGE	0056	
	MCS	LU06257		STARTS ON PAGE	0057	
	MCS	LU06261		STARTS ON PAGE	0058	
	MCS	LU06264		STARTS ON PAGE	0059	
	MCS	LU06265		STARTS ON PAGE	0060	
	MCS	LU06278		STARTS ON PAGE	0062	
	MCS	LU06284		STARTS ON PAGE	0062	
	MCS	LU06285		STARTS ON PAGE	0063	
	MCS	LU06289		STARTS ON PAGE	0066	
	MCS	LU06291		STARTS ON PAGE	0067	
	MCS	LU06292		STARTS ON PAGE	0068	
	MCS	LU06297		STARTS ON PAGE	0069	
	MCS	LU06298		STARTS ON PAGE	0070	
	MCS	LU06299		STARTS ON PAGE	0071	
	MCS	LU06300		STARTS ON PAGE	0072	
	MCS	LU06301		STARTS ON PAGE	0074	
	MCS	LU06302		STARTS ON PAGE	0079	
	MCS	LU06304		STARTS ON PAGE	0080	
	MCS	LU06305		STARTS ON PAGE	0080	

Service	Details		
	MCS	LU06307	STARTS ON PAGE 0081
	MCS	LU06309	STARTS ON PAGE 0083
	MCS	LU06310	STARTS ON PAGE 0084
	MCS	LU06311	STARTS ON PAGE 0085
	MCS	LU06321	STARTS ON PAGE 0086
	MCS	LU06348	STARTS ON PAGE 0087
	MCS	LU06357	STARTS ON PAGE 0088
	MCS	LU06361	STARTS ON PAGE 0089
	MCS	LU06379	STARTS ON PAGE 0090
	MCS	LU06407	STARTS ON PAGE 0092
	MCS	LU06415	STARTS ON PAGE 0092
	MCS	LU06419	STARTS ON PAGE 0094

DB2 Tools 20.0
CA RS 2207 Product/Component Listing

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

The CA RS 2207 Product/Component Count for this release is 27

CA RS Level	Service	FMID
CAR2207	LU06419	CIDBK00
	LU06415	CPDTK00
	LU06407	CINSK00
	LU06379	CIDBK00
	LU06361	CIDBK00
	LU06357	CSQ2100
	LU06348	CINSK00
	LU06321	CINSK00
	LU06311	CTGRK00
	LU06310	CRCUK00
	LU06309	CINSK00
	LU06307	CPDAK00
	LU06305	CPFUK00
	LU06304	CPFLK00
	LU06302	CRCQK00
	LU06301	CPDAK00
	LU06300	CINSK00
	LU06299	CPUTK00
	LU06298	CINSK00
	LU06297	CINSK00
	LU06292	CINSK00
	LU06291	CPDTK00
	LU06289	CPUTK00
	LU06285	CIDBK00
	LU06284	CPFUK00
	LU06278	COFSK00
	LU06265	CIDBK00
	LU06264	CPDTK00
	LU06261	CINSK00
	LU06257	COFSK00
	LU06230	COFSK00
	LU06229	CIDBK00
	LU06218	CIDBK00
	LU06217	CPLAK00
	LU06216	CINSK00
	LU06213	CUGRK00
	LU06206	CPUTK00
	LU06188	CIDBK00
	LU06172	CINSK00
	LU06166	CIDBK00
	LU06163	CPFLK00
	LU06161	CIDBK00
	LU06154	CPDTK00
	LU06152	CRCQK00
	LU06148	CINSK00
	LU06141	CPDAK00
	LU06140	CIDBK00

CA RS Level	Service	FMID
	LU06137	CPSAK00
	LU06136	CRCQK00
	LU06120	CINSK00
	LU06117	CINSK00
	LU06115	CINSK00
	LU06112	CPDTK00
	LU06109	CIDBK00
	LU06076	CPFLK00
	LU06052	CINSK00
	LU06051	CINSK00
	LU05989	CINSK00
	LU05871	CINSK00
CAR2206	LU06107	CINSK00
	LU06100	CIDBK00
	LU06087	CUGRK00
	LU06086	CPUTK00
	LU06085	CPRFK00
	LU06084	CPLAK00
	LU06083	CPFUK00
	LU06082	CPDAK00
	LU06081	CINSK00
	LU06080	CPUTK00
	LU06079	CPRRK00
	LU06078	CPFUK00
	LU06077	CPFLK00
	LU06074	CPSAK00
	LU06073	CINSK00
	LU06050	CPUTK00
	LU06049	CPSAK00
	LU06048	CPDTK00
	LU06047	COFSK00
	LU06046	CINSK00
	LU06045	CIDBK00
	LU06034	CUGRK00
	LU06033	CIDBK00
	LU06000	CUGRK00
	LU05999	CIDBK00
	LU05998	CPDTK00
	LU05997	CINSK00
	LU05995	CINSK00
	LU05994	CIDBK00
	LU05993	CINSK00
	LU05987	CRCXK00
	LU05984	CPPAK00
	LU05976	CIDBK00
	LU05973	CPLAK00
	LU05971	CINSK00

CA RS Level	Service	FMID
	LU05967	CINSK00
	LU05954	CPLAK00
	LU05931	CINSK00
	LU05913	CUGRK00
	LU05900	CUGRK00
	LU05889	CRCXK00
	LU05888	CRCUK00
	LU05887	CPFUK00
	LU05886	CINSK00
	LU05884	CPUTK00
	LU05883	CPFLK00
	LU05881	CPFUK00
	LU05880	CPFLK00
	LU05879	CIDBK00
	LU05876	CINSK00
	LU05875	CPDTK00
	LU05873	CPDTK00
	LU05869	CUGRK00
	LU05868	CPUTK00
	LU05867	CPRRK00
	LU05866	CPFLK00
	LU05865	CINSK00
	LU05857	CUGRK00
	LU05851	CIDBK00
	LU05850	CUGRK00
	LU05836	CRCSK00
	LU05823	CPDTK00
	LU05816	CUGRK00
	LU05806	COFSK00
	LU05798	CINSK00
	LU05797	CRCQK00
	LU05796	CPDTK00
	LU05794	CINSK00
	LU05790	CINSK00
	LU05788	CIDBK00
	LU05775	CINSK00
	LU05767	CIDBK00
	LU05764	CINSK00
	LU05761	CPSAK00
	LU05749	CIDBK00
	LU05747	CPFUK00
	LU05739	CINSK00
	LU05734	CPLAK00
	LU05732	CPRAK00
	LU05717	CINSK00
	LU05701	CINSK00
	LU05685	CIDBK00

CA RS Level	Service	FMID
	LU05635	CRCXK00
	LU05634	CRCUK00
	LU05633	CRCSK00
	LU05632	CRCQK00
	LU05631	CRCMK00
	LU05630	CPFUK00
	LU05629	CINSK00
	LU05628	CAHOK00
	LU05597	CPPAK00
	LU05596	CINSK00
	LU05577	CPLAK00
	LU05562	CPDTK00
	LU05444	CINSK00
CAR2205	LU05695	CUGRK00
	LU05687	CIDBK00
	LU05684	CUGRK00
	LU05681	CPRFK00
	LU05663	CPDAK00
	LU05647	CIDBK00
	LU05606	CIDBK00
	LU05600	CIDBK00
	LU05590	CINSK00
	LU05564	CIDBK00
	LU05555	CRCQK00
	LU05547	CINSK00
	LU05545	CPDTK00
	LU05535	CPUTK00
	LU05534	CPFLK00
	LU05530	CPDTK00
	LU05528	COFSK00
	LU05520	CINSK00
	LU05515	CPSAK00
	LU05511	CINSK00
	LU05505	CRCQK00
	LU05503	CPDTK00
	LU05497	CIDBK00
	LU05496	CPLAK00
	LU05495	CPDAK00
	LU05464	CIDBK00
	LU05461	CPSAK00
	LU05457	CPFLK00
	LU05423	CPUTK00
	LU05422	CUGRK00
	LU05408	CRCQK00
	LU05407	CINSK00
	LU05401	CINSK00
	LU05397	CPFUK00

CA RS Level	Service	FMID
	LU05396	CINSK00
	LU05387	CUGRK00
	LU05382	CINSK00
	LU05377	CAHOK00
	LU05367	CINSK00
	LU05366	CINSK00
	LU05364	CINSK00
	LU05361	CINSK00
	LU05359	CINSK00
	LU05352	CPLAK00
	LU05350	CUGRK00
	LU05349	CPUTK00
	LU05348	CPFLK00
	LU05347	CINSK00
	LU05335	COFSK00
	LU05331	CINSK00
	LU05313	CPPAK00
	LU05312	CINSK00
	LU05305	CPUTK00
	LU05304	CPFUK00
	LU05296	CINSK00
	LU05292	CPUTK00
	LU05271	CIDBK00
	LU05225	CPFLK00
	LU05162	CINSK00
	LU05161	CINSK00
	LU05155	CPLAK00
CAR2204	LU05278	CINSK00
	LU05277	CRCQK00
	LU05276	CINSK00
	LU05265	CPDTK00
	LU05243	CINSK00
	LU05242	CINSK00
	LU05224	CIDBK00
	LU05211	CIDBK00
	LU05210	CUGRK00
	LU05209	CPUTK00
	LU05208	CPRRK00
	LU05207	CPFLK00
	LU05206	CINSK00
	LU05177	CRCUK00
	LU05176	CRCQK00
	LU05175	CINSK00
	LU05169	CPRFK00
	LU05156	CINSK00
	LU05152	CPDTK00
	LU05142	CINSK00

CA RS Level	Service	FMID
	LU05140	CPRAK00
	LU05127	CPDTK00
	LU05118	CRCUK00
	LU05117	CPUTK00
	LU05116	CPPAK00
	LU05115	CPLAK00
	LU05114	CPFUK00
	LU05113	CPDTK00
	LU05112	CPDAK00
	LU05111	CINSK00
	LU05110	CSQ2100
	LU05109	CINSK00
	LU05103	CIDBK00
	LU05102	CPDAK00
	LU05098	CIDBK00
	LU05091	CRCCK00
	LU05090	CRCMK00
	LU05089	CINSK00
	LU05085	CPDAK00
	LU05080	CINSK00
	LU05060	CPDTK00
	LU05059	CINSK00
	LU05058	CIDBK00
	LU05052	CPDTK00
	LU05036	CRCQK00
	LU05035	COFSK00
	LU05032	CIDBK00
	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

CA RS Level	Service	FMID
	LU04945	CINSK00
	LU04932	CRCUK00
	LU04931	CRCMK00
	LU04930	CINSK00
	LU04919	CIDBK00
	LU04908	CINSK00
	LU04896	CINSK00
	LU04875	CRCMK00
	LU04874	CINSK00
	LU04813	CINSK00
	LU04797	CPPAK00
	LU04103	CUGRK00
	LU04102	CPLAK00
CAR2203	LU04880	CPRAK00
	LU04870	CUGRK00
	LU04869	CPUTK00
	LU04868	CPFUK00
	LU04857	CINSK00
	LU04855	CPXNK00
	LU04842	CPLAK00
	LU04834	CRCQK00
	LU04818	CIDBK00
	LU04803	CIDBK00
	LU04795	CPDTK00
	LU04789	CPFUK00
	LU04788	CPLAK00
	LU04746	CINSK00
	LU04733	CPSAK00
	LU04732	CUGRK00
	LU04675	CPFUK00
	LU04657	CRCQK00
	LU04656	CINSK00
	LU04654	CINSK00
	LU04653	CPSAK00
	LU04637	CPRRK00
	LU04636	CUGRK00
	LU04621	CINSK00
	LU04619	CUGRK00
	LU04618	CPUTK00
	LU04616	CPFLK00
	LU04586	CPDTK00
	LU04573	CINSK00
	LU04566	CIDBK00
	LU04562	CPLAK00
	LU04561	CSQ2100
	LU04530	CRCQK00
	LU04529	CINSK00

CA RS Level	Service	FMID
	LU04498	CIDBK00
	LU04493	CINSK00
	LU04490	CPDTK00
	LU04489	CRCMK00
	LU04488	CINSK00
	LU04486	CPPAK00
	LU04485	CPBAK00
	LU04484	CINSK00
	LU04483	CINSK00
	LU04464	CRCMK00
	LU04463	CINSK00
	LU04459	CINSK00
	LU04458	CINSK00
	LU04452	CINSK00
	LU04444	COFSK00
	LU04370	CUGRK00
	LU04369	CINSK00
CAR2202	LU04462	CSQ2100
	LU04443	CINSK00
	LU04436	CUTSK00
	LU04435	CUGRK00
	LU04434	CTGRK00
	LU04433	CRCXK00
	LU04432	CRCUK00
	LU04431	CRC SK00
	LU04430	CRCQK00
	LU04429	CRCMK00
	LU04428	CPXNK00
	LU04427	CPUTK00
	LU04426	CPSAK00
	LU04425	CPRRK00
	LU04422	CPRFK00
	LU04421	CPRAK00
	LU04420	CPPAK00
	LU04419	CPLAK00
	LU04418	CPFUK00
	LU04417	CPFLK00
	LU04416	CPDTK00
	LU04415	CPDAK00
	LU04414	CPBAK00
	LU04413	COFSK00
	LU04412	CINSK00
	LU04411	CIDBK00
	LU04409	CAHOK00
	LU04405	CINSK00
	LU04400	CINSK00
	LU04399	CINSK00

CA RS Level	Service	FMID
	LU04376	CINSK00
	LU04374	CIDBK00
	LU04371	CIDBK00
	LU04358	CTGRK00
	LU04357	CPSAK00
	LU04356	CPDTK00
	LU04355	CINSK00
	LU04354	CIDBK00
	LU04339	CPDTK00
	LU04287	CIDBK00
	LU04282	CIDBK00
	LU04264	CINSK00
	LU04263	CPDTK00
	LU04262	CINSK00
	LU04244	CRCQK00
	LU04243	CINSK00
	LU04232	CPSAK00
	LU04231	CPDTK00
	LU04230	CINSK00
	LU04229	CIDBK00
	LU04222	CIDBK00
	LU04221	CPDAK00
	LU04220	CINSK00
	LU04217	CIDBK00
	LU04202	COFSK00
	LU04167	CINSK00
	LU04161	CPUTK00
	LU04160	CPFUK00
	LU04159	CPFLK00
	LU04151	CRCXK00
	LU04150	CRCUK00
	LU04149	CINSK00
	LU04146	CINSK00
	LU04136	CINSK00
	LU04123	CPUTK00
	LU04122	CPDAK00
	LU04121	CINSK00
	LU04100	CIDBK00
	LU04097	CIDBK00
	LU04085	COFSK00
	LU04084	CINSK00
	LU04082	CINSK00
	LU04006	CINSK00
	LU04004	CPLAK00
	LU03822	CPPAK00
	LU02151	CINSK00
CAR2201	LU04094	CINSK00

CA RS Level	Service	FMID
	LU04027	CIDBK00
	LU04026	CIDBK00
	LU04015	CPDTK00
	LU03998	CPDTK00
	LU03997	CINSK00
	LU03961	CINSK00
	LU03955	CINSK00
	LU03954	CIDBK00
	LU03953	CINSK00
	LU03952	CINSK00
	LU03935	CRCQK00
	LU03929	CIDBK00
	LU03926	CRCXK00
	LU03925	CPLAK00
	LU03924	COFSK00
	LU03923	CINSK00
	LU03918	CPSAK00
	LU03917	CPDTK00
	LU03907	CINSK00
	LU03879	CINSK00
	LU03878	CINSK00
	LU03869	CINSK00
	LU03859	CUGRK00
	LU03856	CINSK00
	LU03847	CPUTK00
	LU03846	CPFLK00
	LU03838	CINSK00
	LU03827	CPFUK00
	LU03814	CPDAK00
	LU03813	CINSK00
	LU03809	CPDTK00
	LU03808	CINSK00
	LU03789	CINSK00
	LU03788	CINSK00
	LU03762	CPDAK00
	LU03761	CINSK00
	LU03760	CSQ2100
	LU03759	CUGRK00
	LU03749	CPLAK00
	LU03742	CPFLK00
	LU03735	CUGRK00
	LU03734	CPUTK00
	LU03733	CPRRK00
	LU03732	CPFUK00
	LU03731	CPLAK00
	LU03712	CINSK00
	LU03710	CPDTK00

CA RS Level	Service	FMID
	LU03709	CINSK00
	LU03706	CPRAK00
	LU03703	CINSK00
	LU03691	CINSK00
	LU03686	CPUTK00
	LU03685	CPRRK00
	LU03684	CPFLK00
	LU03664	CRCXK00
	LU03663	CRCUK00
	LU03662	CRCQK00
	LU03661	CRCMK00
	LU03660	CPLAK00
	LU03659	COFSK00
	LU03657	CINSK00
	LU03499	CINSK00
CAR2112	LU03680	CPDAK00
	LU03673	CIDBK00
	LU03667	CRCUK00
	LU03666	CINSK00
	LU03629	CINSK00
	LU03601	CPSAK00
	LU03580	CUGRK00
	LU03579	CPUTK00
	LU03578	CPFUK00
	LU03577	CPFLK00
	LU03520	CINSK00
	LU03519	CPUTK00
	LU03500	CPLAK00
	LU03492	CPLAK00
	LU03463	CINSK00
	LU03461	CPDTK00
	LU03455	CIDBK00
	LU03453	CIDBK00
	LU03443	CUGRK00
	LU03437	CRCUK00
	LU03435	CIDBK00
	LU03417	CINSK00
	LU03406	CPDTK00
	LU03401	CPUTK00
	LU03400	CPRRK00
	LU03399	CPFLK00
	LU03391	CINSK00
	LU03386	CPDTK00
	LU03384	CPFUK00
	LU03367	CINSK00
	LU03353	CPFUK00
	LU03348	CIDBK00

CA RS Level	Service	FMID
	LU03344	CUGRK00
	LU03338	CPPAK00
	LU03337	CINSK00
	LU03326	CUGRK00
	LU03324	CUGRK00
	LU03323	CPUTK00
	LU03318	CRCXK00
	LU03317	CRCQK00
	LU03316	CPLAK00
	LU03315	COFSK00
	LU03314	CINSK00
	LU03309	CINSK00
	LU03308	CRCQK00
	LU03291	CINSK00
	LU03286	CIDBK00
	LU03282	CPLAK00
	LU03265	CPFUK00
	LU03252	CIDBK00
	LU02861	CINSK00
CAR2111	LU03261	CPDTK00
	LU03259	CINSK00
	LU03256	CIDBK00
	LU03250	CPLAK00
	LU03235	CUGRK00
	LU03234	CPUTK00
	LU03233	CPRRK00
	LU03232	CPFUK00
	LU03231	CPFLK00
	LU03228	CPLAK00
	LU03221	CINSK00
	LU03220	CRCQK00
	LU03214	CUGRK00
	LU03213	CPUTK00
	LU03212	CPRRK00
	LU03211	CPFUK00
	LU03210	CPFLK00
	LU03209	CINSK00
	LU03195	CIDBK00
	LU03192	CPUTK00
	LU03191	CPFLK00
	LU03190	CINSK00
	LU03187	CPUTK00
	LU03186	CUGRK00
	LU03162	CIDBK00
	LU03152	CPDAK00
	LU03146	CIDBK00
	LU03142	CINSK00

CA RS Level	Service	FMID
	LU03116	CPSAK00
	LU03101	CPBAK00
	LU03093	CPDTK00
	LU03091	CIDBK00
	LU03073	CUGRK00
	LU03035	CPDAK00
	LU03034	CPRRK00
	LU03033	CPUTK00
	LU03032	CPFUK00
	LU03023	CIDBK00
	LU03018	CPDTK00
	LU02985	CIDBK00
	LU02979	CPLAK00
	LU02945	CINSK00
	LU02886	CIDBK00
	LU02816	CPLAK00
	LU02728	CPUTK00
	LU02727	CPFUK00
	LU02726	CINSK00
	LU02712	CUGRK00
CAR2110	SO14389	CIDBK00
	LU02944	CPDTK00
	LU02894	CRCQK00
	LU02866	COFSK00
	LU02841	CIDBK00
	LU02829	CIDBK00
	LU02813	CINSK00
	LU02808	CINSK00
	LU02800	CIDBK00
	LU02796	CPDTK00
	LU02785	CPDAK00
	LU02767	CPLAK00
	LU02762	CUGRK00
	LU02708	CIDBK00
	LU02706	CPDTK00
	LU02665	CRCQK00
	LU02661	CINSK00
	LU02646	CIDBK00
	LU02642	CIDBK00
	LU02641	CPFLK00
	LU02634	CIDBK00
	LU02633	COFSK00
	LU02614	CINSK00
	LU02609	CINSK00
	LU02597	CRCQK00
	LU02577	CPBAK00
	LU02516	CIDBK00

CA RS Level	Service	FMID
	LU02489	CINSK00
	LU02472	CINSK00
	LU02471	CINSK00
	LU02280	COFSK00
	LU02279	CINSK00
CAR2109	LU02564	CRCQK00
	LU02554	CPDTK00
	LU02529	CUGRK00
	LU02524	CPDTK00
	LU02493	CPPAK00
	LU02492	CINSK00
	LU02485	CPFLK00
	LU02470	CPFUK00
	LU02456	CPDAK00
	LU02455	CINSK00
	LU02440	CPFUK00
	LU02439	CIDBK00
	LU02437	COFSK00
	LU02436	CPPAK00
	LU02428	CIDBK00
	LU02420	CINSK00
	LU02387	COFSK00
	LU02385	CUGRK00
	LU02383	CINSK00
	LU02381	CPLAK00
	LU02363	CINSK00
	LU02345	CINSK00
	LU02340	CIDBK00
	LU02335	CPFUK00
	LU02325	CIDBK00
	LU02307	CUGRK00
	LU02303	CIDBK00
	LU02290	CPDTK00
	LU02286	CPDTK00
	LU02271	CPDTK00
	LU02258	CPFLK00
	LU02243	CPFLK00
	LU02242	CINSK00
	LU02231	CPUTK00
	LU02230	CPLAK00
	LU02229	CINSK00
	LU02212	CINSK00
	LU02166	CINSK00
	LU02119	CTGRK00
	LU02118	CIDBK00
	LU02116	CINSK00
	LU02095	CPDAK00

CA RS Level	Service	FMID
CAR2108	LU02220	CPDTK00
	LU02213	CPLAK00
	LU02211	CRCUK00
	LU02197	CINSK00
	LU02164	CINSK00
	LU02143	CUTSK00
	LU02142	CIDBK00
	LU02133	CPSAK00
	LU02132	CPDTK00
	LU02131	CINSK00
	LU02124	CINSK00
	LU02117	CINSK00
	LU02108	CPDTK00
	LU02096	CIDBK00
	LU02093	CIDBK00
	LU02062	CPLAK00
	LU02061	CINSK00
	LU02053	CINSK00
	LU02048	CUGRK00
	LU02033	CIDBK00
	LU02031	CIDBK00
	LU02030	CRCQK00
	LU02029	CINSK00
	LU02008	CPFLK00
	LU02007	CPUTK00
	LU02006	CPFUK00
	LU02005	CINSK00
	LU01999	CINSK00
	LU01998	CUGRK00
	LU01997	CTGRK00
	LU01996	CRCXK00
	LU01995	CRCUK00
	LU01994	CRCSK00
	LU01993	CRCQK00
	LU01992	CPXNK00
	LU01991	CPUTK00
	LU01990	CPSAK00
	LU01989	CPRRK00
	LU01988	CPRFK00
	LU01987	CPRAK00
	LU01986	CPPAK00
	LU01985	CPLAK00
	LU01984	CPFUK00
	LU01983	CPFLK00
	LU01982	CPDTK00
	LU01981	CPDAK00
	LU01980	CPBAK00

CA RS Level	Service	FMID
	LU01979	COFSK00
	LU01978	CINSK00
	LU01977	CIDBK00
	LU01975	CAHOK00
	LU01958	CINSK00
	LU01950	CPLAK00
	LU01949	CINSK00
	LU01944	CRCXK00
	LU01939	CPFUK00
	LU01937	COFSK00
	LU01936	CUGRK00
	LU01934	CINSK00
	LU01933	CPDTK00
	LU01930	CPUTK00
	LU01927	CINSK00
	LU01922	CINSK00
	LU01845	CIDBK00
	LU01832	COFSK00
	LU01784	CINSK00
	LU01290	CINSK00
CAR2107	LU01893	CUGRK00
	LU01892	CPPAK00
	LU01891	CINSK00
	LU01869	CPLAK00
	LU01860	CPDAK00
	LU01841	CPDTK00
	LU01837	CINSK00
	LU01829	CIDBK00
	LU01799	CPDTK00
	LU01760	CINSK00
	LU01757	CINSK00
	LU01750	CIDBK00
	LU01732	CPSAK00
	LU01727	CPFUK00
	LU01720	CPFLK00
	LU01717	CUGRK00
	LU01706	CRCQK00
	LU01705	CINSK00
	LU01696	CINSK00
	LU01695	CPRAK00
	LU01694	CINSK00
	LU01683	CINSK00
	LU01673	CINSK00
	LU01666	CIDBK00
	LU01648	CINSK00
	LU01626	CPDAK00
	LU01625	CINSK00

CA RS Level	Service	FMID
	LU01610	CINSK00
	LU01581	CIDBK00
	LU01575	CINSK00
	LU01556	CIDBK00
	LU01551	CPPAK00
	LU01550	CINSK00
	LU01543	CPSAK00
	LU01542	CPDTK00
	LU01541	CIDBK00
	LU01538	CPLAK00
	LU01534	CUGRK00
	LU01526	CINSK00
	LU01525	CIDBK00
	LU01513	CIDBK00
	LU01508	CINSK00
	LU01405	CINSK00
	LU01362	CINSK00
	LU01357	CINSK00
CAR2106	LU01494	CINSK00
	LU01467	CPDTK00
	LU01432	CSQ2100
	LU01415	CPLAK00
	LU01410	CRCQK00
	LU01396	CPDTK00
	LU01393	CPDTK00
	LU01385	CPLAK00
	LU01384	CINSK00
	LU01380	CPUTK00
	LU01379	CPFLK00
	LU01378	CINSK00
	LU01376	CINSK00
	LU01367	CINSK00
	LU01352	CPUTK00
	LU01351	CPRRK00
	LU01350	CPFUK00
	LU01349	CPFLK00
	LU01338	CPDAK00
	LU01330	CRCQK00
	LU01321	CPRFK00
	LU01311	CPFUK00
	LU01293	CIDBK00
	LU01292	CUGRK00
	LU01291	CPUTK00
	LU01286	CINSK00
	LU01275	CINSK00
	LU01265	CINSK00
	LU01222	COFSK00

CA RS Level	Service	FMID
	LU01215	CPDTK00
	LU01208	CRCQK00
	LU01182	CUGRK00
	LU01181	CPRAK00
	LU01180	CPLAK00
	LU01179	COFSK00
	LU01178	CINSK00
	LU01175	CIDBK00
	LU01166	CIDBK00
	LU01165	CPFUK00
	LU01164	CIDBK00
	LU01151	CINSK00
	LU01135	CUGRK00
	LU01127	CUGRK00
	LU01122	COFSK00
	LU01121	CINSK00
	LU01118	CINSK00
	LU01107	COFSK00
	LU01106	CINSK00
	LU01102	CPRFK00
	LU01089	CPDAK00
	LU01043	CPLAK00
	LU00983	CPFLK00
CAR2105	LU01126	CPDAK00
	LU01100	CIDBK00
	LU01068	CPPAK00
	LU01056	CINSK00
	LU01053	COFSK00
	LU01042	CIDBK00
	LU01041	CIDBK00
	LU01040	CPLAK00
	LU01039	CINSK00
	LU01035	CIDBK00
	LU01030	CIDBK00
	LU01002	CPDTK00
	LU00989	CINSK00
	LU00982	CIDBK00
	LU00973	CUGRK00
	LU00968	CINSK00
	LU00964	CIDBK00
	LU00940	CPLAK00
	LU00938	CPDTK00
	LU00937	CINSK00
	LU00925	CINSK00
	LU00923	CPUTK00
	LU00921	CINSK00
	LU00914	CINSK00

CA RS Level	Service	FMID
	LU00903	CPLAK00
	LU00891	CPDAK00
	LU00890	CINSK00
	LU00887	CPUTK00
	LU00886	CPFUK00
	LU00882	CPLAK00
	LU00881	CIDBK00
	LU00863	CPFUK00
	LU00859	CPSAK00
	LU00858	CPDTK00
	LU00847	CINSK00
	LU00839	CINSK00
	LU00795	CUGRK00
	LU00794	CINSK00
	LU00769	CRCXK00
	LU00768	CPDTK00
	LU00759	CPLAK00
	LU00698	CINSK00
	LU00697	CIDBK00
	LU00678	CINSK00
	LU00592	CINSK00
	LU00581	CPRFK00
CAR2104	LU00728	CUGRK00
	LU00727	CPUTK00
	LU00726	CPRRK00
	LU00725	CPLAK00
	LU00724	CPFLK00
	LU00723	CINSK00
	LU00689	CUGRK00
	LU00684	CPDTK00
	LU00672	CPLAK00
	LU00659	CSQ2100
	LU00646	CPPAK00
	LU00645	CPBAK00
	LU00644	COFSK00
	LU00643	CINSK00
	LU00639	CINSK00
	LU00635	CPDAK00
	LU00613	CINSK00
	LU00597	CPLAK00
	LU00576	CPSAK00
	LU00568	CINSK00
	LU00565	CSQ2100
	LU00549	CPDTK00
	LU00545	CIDBK00
	LU00532	CRCQK00
	LU00531	COFSK00

CA RS Level	Service	FMID
	LU00530	CINSK00
	LU00524	CPDTK00
	LU00523	CINSK00
	LU00511	CRCUK00
	LU00510	CINSK00
	LU00509	CINSK00
	LU00508	CINSK00
	LU00500	CPSAK00
	LU00480	CPLAK00
	LU00475	CPDAK00
	LU00452	CPRRK00
	LU00450	CRCXK00
	LU00449	CRCUK00
	LU00448	CRCMK00
	LU00447	CPFUK00
	LU00446	CINSK00
	LU00440	CPPAK00
	LU00439	CPBAK00
	LU00438	CINSK00
	LU00437	CPUTK00
	LU00436	CPFLK00
	LU00435	CINSK00
	LU00434	CIDBK00
	LU00433	CRCUK00
	LU00432	CINSK00
	LU00427	CIDBK00
	LU00426	CINSK00
	LU00413	CRCQK00
	LU00412	CINSK00
	LU00411	CRCXK00
	LU00402	CPDTK00
	LU00400	CPRFK00
	LU00399	CINSK00
	LU00381	CPDAK00
	LU00368	CINSK00
	LU00359	CINSK00
	LU00342	CRCXK00
	LU00341	CRCUK00
	LU00340	CRC SK00
	LU00339	CRCQK00
	LU00338	CRCMK00
	LU00337	CPUTK00
	LU00336	CPRAK00
	LU00335	CPLAK00
	LU00334	CPDTK00
	LU00333	CPDAK00
	LU00332	CINSK00

CA RS Level	Service	FMID
	LU00331	CIDBK00
	LU00330	CAHOK00
	LU00314	CPDAK00
	LU00304	CPUTK00
	LU00303	CPRRK00
	LU00302	CPFUK00
	LU00301	CPFLK00
	LU00299	CIDBK00
	LU00283	CINSK00
	LU00277	CINSK00
	LU00275	CUGRK00
	LU00177	CPUTK00
CAR2103	SO16295	CIDBK00
	SO15817	CUGRK00
	SO14357	CIDBK00
	SO13729	CRCQK00
	LU00356	CPLAK00
	LU00329	CPDTK00
	LU00282	CIDBK00
	LU00281	CPFUK00
	LU00257	CPDAK00
	LU00256	CPDAK00
	LU00254	CINSK00
	LU00253	CIDBK00
	LU00250	CPRFK00
	LU00248	CPUTK00
	LU00247	CPFLK00
	LU00246	CIDBK00
	LU00242	CINSK00
	LU00240	CPDTK00
	LU00238	CPLAK00
	LU00237	CINSK00
	LU00227	CINSK00
	LU00217	CPFUK00
	LU00216	CINSK00
	LU00207	CPRFK00
	LU00194	CPUTK00
	LU00178	CPFLK00
	LU00176	CPDTK00
	LU00165	CPLAK00
	LU00162	CINSK00
	LU00159	CIDBK00
	LU00152	CUGRK00
	LU00147	CRCQK00
	LU00146	CPDAK00
	LU00145	CINSK00
	LU00141	CUGRK00

CA RS Level	Service	FMID
	LU00140	CPUTK00
	LU00139	CPRRK00
	LU00138	CPLAK00
	LU00137	CPFUK00
	LU00136	CPFLK00
	LU00135	CINSK00
	LU00134	CIDBK00
	LU00133	CPUTK00
	LU00132	CPLAK00
	LU00131	CINSK00
	LU00127	CINSK00
	LU00124	CPDTK00
	LU00123	CINSK00
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	S016217	CPUTK00
	S016206	CPDAK00
	S016205	CINSK00
	S016200	CIDBK00
	S016195	CPFUK00
	S016194	CINSK00
	S016183	CINSK00
	S016181	CUGRK00
	S016176	CINSK00
	S016175	CPSAK00
	S016174	CPDTK00
	S016173	CINSK00
	S016165	CPRFK00
	S016160	CPRRK00
	S016149	CPRFK00
	S016133	COFSK00
	S016132	CINSK00
	S016116	CIDBK00
	S016113	CPDTK00
	S016107	CIDBK00
	S016090	CPUTK00
	S016089	CPFLK00
	S016088	CINSK00
	S016075	CPLAK00
	S016071	CRCQK00
	S016067	CINSK00
	S016057	CIDBK00

CA RS Level	Service	FMID
	S016053	CINSK00
	S016046	CIDBK00
	S016045	CINSK00
	S015980	CINSK00
	S015952	CIDBK00
	S015864	CINSK00
CAR2101	S016040	CINSK00
	S016032	CINSK00
	S016031	CINSK00
	S016024	CINSK00
	S016001	CINSK00
	S015998	CINSK00
	S015939	CPUTK00
	S015938	CPFLK00
	S015937	CINSK00
	S015935	CPSAK00
	S015931	CIDBK00
	S015927	CPDTK00
	S015913	CIDBK00
	S015908	CINSK00
	S015895	CPLAK00
	S015868	CINSK00
	S015867	CINSK00
	S015863	CINSK00
	S015843	CPDTK00
	S015816	CRCQK00
	S015807	CRCXK00
	S015806	CRCUK00
	S015805	CPFUK00
	S015804	CINSK00
	S015789	CINSK00
	S015775	CPRFK00
	S015774	CPRFK00
	S015770	CINSK00
	S015761	CIDBK00
	S015760	CINSK00
	S015711	CUGRK00
	S015710	CPUTK00
	S015709	CINSK00
CAR2012	S015771	CPFLK00
	S015767	CPFUK00
	S015740	CPUTK00
	S015739	CPRRK00
	S015738	CPFLK00
	S015723	CPDTK00
	S015697	CRCQK00
	S015691	CPPAK00

CA RS Level	Service	FMID
	S015690	CINSK00
	S015652	CPUTK00
	S015650	COFSK00
	S015647	CIDBK00
	S015613	CINSK00
	S015609	CUGRK00
	S015585	CPRRK00
	S015573	CPDTK00
	S015541	CPUTK00
	S015531	CPLAK00
	S015506	CINSK00
	S015499	CPDTK00
	S015487	CUGRK00
	S015486	CPUTK00
	S015485	CPRRK00
	S015484	CPFLK00
	S015483	CPDAK00
	S015482	CINSK00
	S015480	CUTSK00
	S015457	CPUTK00
	S015456	CPLAK00
	S015455	CINSK00
	S015450	CRCQK00
	S015449	CINSK00
	S015444	CINSK00
	S015440	COFSK00
	S015395	CPDTK00
	S015394	CINSK00
	S015193	CINSK00
CAR2011	S015314	CPUTK00
	S015313	CPRRK00
	S015312	CPFLK00
	S015311	CINSK00
	S015308	CUGRK00
	S015271	CPUTK00
	S015255	CPRFK00
	S015254	CIDBK00
	S015238	CPUTK00
	S015237	CPRRK00
	S015236	CPFUK00
	S015235	CPFLK00
	S015225	COFSK00
	S015220	CPLAK00
	S015215	CINSK00
	S015205	CINSK00
	S015199	CPDTK00
	S015191	CRCMK00

CA RS Level	Service	FMID
	S015184	CSQ2100
	S015174	CPUTK00
	S015132	CINSK00
	S015130	CPDAK00
	S015129	CINSK00
	S015124	CPRRK00
	S015122	CINSK00
	S015094	CPSAK00
	S015086	CPFUK00
	S015075	CINSK00
	S015074	CPUTK00
	S015073	CPDTK00
	S015072	CINSK00
	S015070	CIDBK00
	S015064	CPLAK00
	S015062	COFSK00
	S015061	CINSK00
	S015049	CIDBK00
	S015045	CINSK00
	S015031	CINSK00
	S015015	CPFLK00
	S015004	CINSK00
CAR2010	S014984	CPFUK00
	S014949	CPLAK00
	S014923	CIDBK00
	S014902	CPPAK00
	S014901	CINSK00
	S014899	CINSK00
	S014883	CIDBK00
	S014876	CINSK00
	S014874	CINSK00
	S014866	CPLAK00
	S014865	CINSK00
	S014864	CIDBK00
	S014863	CUGRK00
	S014861	CPSAK00
	S014860	CPDTK00
	S014859	CINSK00
	S014853	CIDBK00
	S014843	CIDBK00
	S014842	CPRFK00
	S014836	CPBAK00
	S014835	CINSK00
	S014833	CRCUK00
	S014832	CINSK00
	S014827	CINSK00
	S014782	CPDTK00

CA RS Level	Service	FMID
	S014773	CPUTK00
	S014772	CPFLK00
	S014771	CINSK00
	S014756	CINSK00
	S014754	CIDBK00
	S014732	CPDAK00
	S014731	CINSK00
	S014721	CINSK00
	S014716	CINSK00
	S014694	CPFLK00
	S014681	CPSAK00
	S014680	CPDTK00
	S014675	CPRFK00
	S014655	COFSK00
	S014642	CIDBK00
CAR2009	S014641	CUGRK00
	S014640	CPRRK00
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	S014623	CINSK00
	S014615	CINSK00
	S014613	CPLAK00
	S014583	CINSK00
	S014570	COFSK00
	S014568	CUGRK00
	S014567	CPUTK00
	S014566	CINSK00
	S014565	CPDAK00
	S014531	CIDBK00
	S014502	CPUTK00
	S014501	CPFUK00
	S014500	CINSK00
	S014491	CINSK00
	S014483	CUGRK00
	S014452	CPLAK00
	S014433	CPFLK00
	S014428	CPUTK00
	S014427	CPFLK00
	S014426	CRCQK00
	S014404	CPRFK00
	S014401	CINSK00
	S014400	CPPAK00
	S014397	CPDTK00
	S014383	CPUTK00
	S014382	CPFUK00
	S014381	CINSK00

CA RS Level	Service	FMID
	S014338	CPDTK00
	S014335	CRCQK00
	S014310	CUTSK00
	S014307	CRCQK00
	S014299	CPDTK00
	S014298	CINSK00
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	S014254	CIDBK00
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	S013888	CINSK00
CAR2008	S014252	CPFLK00
	S014235	CPDTK00
	S014173	CINSK00
	S014168	CINSK00
	S014164	CIDBK00
	S014142	CPLAK00
	S014137	CPLAK00
	S014101	CRCQK00
	S014099	CIDBK00
	S014093	CIDBK00
	S014054	CPUTK00
	S014053	CPFUK00
	S014052	CINSK00
	S014036	CUGRK00
	S014035	CPUTK00
	S014034	CPRRK00
	S014033	CPLAK00
	S014032	CPFUK00
	S014031	CPFLK00
	S014030	CPDAK00
	S014029	CINSK00
	S014025	CPFLK00
	S014016	CIDBK00
	S013990	COFSK00
	S013988	CPPAK00
	S013987	CPDTK00

CA RS Level	Service	FMID
	S013986	CPDAK00
	S013985	CINSK00
	S013982	CSQ2100
	S013974	CINSK00
	S013973	CINSK00
	S013961	CPUTK00
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	S013887	CPDTK00
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	S013825	CIDBK00
	S013814	CINSK00
	S013807	CINSK00
	S013794	CINSK00
	S013781	COFSK00
	S013768	CUGRK00
	S013767	CPUTK00
	S013766	CPFUK00
	S013765	CPFLK00
	S013764	CINSK00
	S013758	COFSK00
	S013726	CINSK00
	S013711	CINSK00
	S013709	CPUTK00
	S013708	CPRRK00
	S013707	CPFUK00
	S013706	CPFLK00
	S013574	CINSK00
CAR2007	S013761	CPDTK00
	S013730	CPRFK00
	S013718	CPLAK00
	S013717	CINSK00
	S013686	CUGRK00
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	S013682	CINSK00

CA RS Level	Service	FMID
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	S013453	CINSK00
	S013450	CPDTK00
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00
	S013340	CINSK00
	S013273	CINSK00
	S012794	CINSK00
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00
	S013234	CPLAK00
	S013230	CINSK00
	S013229	CINSK00
	S013224	CPLAK00
	S013213	CINSK00
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	S013203	CPFLK00

CA RS Level	Service	FMID
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	S012937	CRCXK00
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00

CA RS Level	Service	FMID
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCSK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00

CA RS Level	Service	FMID
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00

CA RS Level	Service	FMID
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00

CA RS Level	Service	FMID
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	S011693	CIDBK00
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00

CA RS Level	Service	FMID
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	S011323	CUGRK00
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00

CA RS Level	Service	FMID
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00

CA RS Level	Service	FMID
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00

CA RS Level	Service	FMID
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00

CA RS Level	Service	FMID
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCCK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00

CA RS Level	Service	FMID
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCSK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00

CA RS Level	Service	FMID
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00
	S009125	CINSK00
	S009110	CRCXK00
	S009109	CRCUK00
	S009108	CPLAK00
	S009107	CPFUK00
	S009106	COFSK00
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	S009083	CPLAK00
	S009068	CIDBK00
	S009065	CPDTK00
	S009055	CIDBK00
	S009054	CIDBK00
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	S008766	CINSK00

CA RS Level	Service	FMID
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	S008750	CINSK00
	S008728	CIDBK00
	S008684	CINSK00
	S008668	CUGRK00
	S008667	CPUTK00
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	S008644	CINSK00

CA RS Level	Service	FMID
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00

CA RS Level	Service	FMID
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00
	S007856	CINSK00
CAR1904	S007826	CUGRK00
	S007825	CTGRK00
	S007824	CRCUK00
	S007823	CRCCK00
	S007822	CRCQK00
	S007821	CRCMK00
	S007820	CPUTK00
	S007819	CPSAK00

CA RS Level	Service	FMID
	S007818	CPRRK00
	S007815	CPRFK00
	S007814	CPPAK00
	S007813	CPLAK00
	S007812	CPFUK00
	S007811	CPFLK00
	S007810	CPDTK00
	S007809	CPDAK00
	S007808	COFSK00
	S007807	CINSK00
	S007806	CIDBK00
	S007804	CAHOK00
	S007774	CINSK00
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00
	S007169	CINSK00
CAR1903	S007412	CINSK00
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00
	S007323	CINSK00
	S007204	CPSAK00
CAR1902	S007167	CINSK00
	S006978	CINSK00
	S006977	CIDBK00
	S006879	CUGRK00
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCSK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00

CA RS Level	Service	FMID
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00

CA RS Level	Service	FMID
CAR1810	S005700	CPUTK00
	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
	S005237	CINSK00
CAR1809	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00
	S004756	CINSK00
	S004720	CRCUK00
	S004719	CRCMK00
	S004718	CINSK00
	S004475	CUGRK00
	S004474	CTGRK00
	S004473	CRCXK00
	S004472	CRCUK00
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	S004468	CPSAK00

CA RS Level	Service	FMID
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCSK00

CA RS Level	Service	FMID
CAR1805	S001641	CPLAK00
	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00
	S000977	CSQ2100
	S000975	CPLAK00
	S000894	CUGRK00
	S000893	CPUTK00
	S000871	CPSAK00
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	S000846	CPRRK00

CA RS Level	Service	FMID
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100
CAR1801	R099853	CRCXK00
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRCSK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00

CA RS Level	Service	FMID
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRCSK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00

CA RS Level	Service	FMID
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	R096579	CPDAK00
	R096578	CPBAK00
	R096577	COFSK00
	R096576	CINSK00
	R096575	CIDBK00
CAR1707	R096495	CSQ2100
	R096401	CUTSK00
CAR1706	R096169	CPSAK00
	R096168	CPDTK00
	R096167	CINSK00
	R096162	CPDAK00
	R096102	CSQ2100
	R096005	CUTSK00
	R096002	CUGRK00
	R095972	CUTSK00
	R095918	CUTSK00