

Service	Description	Type
LU08885	MSG PP217W IS NOT APPLICABLE FOR EXPLAIN OR CATLG REPORTING	PTF
LU09206	REVOKE IMPACT ANALYSIS JOB LOOPS WHEN SECURITY REMOVED	PTF
LU09262	IDB2 - ABEND U0170 IN BATCH REPORT WRITER	PTF
LU09296	NO MESSAGE ISSUED WHEN AN USER DOES NOT HAVE ACCESS TO OMVS	PTF
LU09299	INCORRECT REPORT OF USERRI VIOLATION FOR MULTIPLE SORT TASKS	PTF
LU09302	MISSING DICTIONARY PAGES AT THE BEGINNING OF IIC	PTF
LU09317	ABEND SOC6 NSIGHTRW PROCESSING COMMAND IFCID 90	PTF
LU09322	RECOVERY ESTIMATOR INCORRECTLY SELECTS COPIES WITH SAME RBA	PTF
LU09323	CONVERT LRSN TO TIMESTAMP OR TIMESTAMP TO LRSN	PTF
LU09324	CONVERT LRSN TO TIMESTAMP OR TIMESTAMP TO LRSN	PTF
LU09325	SDC2-38 WITH NATIVE ACCESS, ORDER BY AND MOWRK	PTF
LU09346	OFS ROUTINES BLOB DATATYPE FIXES	PTF
LU09348	ABEND OC1 FOLLOWING COMMIT PROCESSING IN ANSP	PTF
LU09351	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU09352	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU09368	PRR ABENDS WITH SOC4 IN RRL\$UL9 FOR CLASSIC SEGMENTED TS	PTF
LU09369	FLLUIX2 SOC4 LOAD RESUME WITH BUSINESS TIME PERIOD	PTF
LU09378	MISSING SEGMENTED (NON-UTS) DATA SETS AFTER LOAD	*HIP/PRP*
LU09392	UPDATE CONTROL BLOCK FIELD NAME IN HELP PANEL DESCRIPTION.	PTF
LU09401	ERROR PFR0402E FOR SIMULATE WITH REBUILD INDEX(ALL) DATABASE	PTF
LU09402	PFR UNNECESSARILY CALLS IBM WHEN PIT INSIDE A LOG RANGE	PTF
LU09409	PFL DOES NOT UPDATE CATALOG STATISTICS CORRECTLY ON DB2 12	PTF
LU09411	PFR ISSUES SOC4 AND HANG FOR SIMULATE WITH SORTLOG YES	PTF
LU09412	SUPPORT FOR NEW DB2 13 QDST DISTRIBUTED PROCESSING STATS	PTF
LU09413	PLANNAME IN DATASHARING HAS NAME SUFFIXED WITH 'D'	PTF
LU09421	REBUILD INDEX UTILITY GENERATED WHEN NOT NEEDED	PTF
LU09432	ROUTINES MISCELLANEOUS FIXES	PTF
LU09433	ALTER TB PRIMARY/UNIQUE/FOREIGN KEY FAILS	PTF
LU09434	AUTONOMOUS NATIVE SQL STORED PROCEDURE(ANSP) STATS INCORRECT	** PRP **
LU09437	COLLECT METRICS FOR ARCHIVE LOG MODE(QUIESCE)	PTF
LU09439	ONLINE REORG NOT GENERATED WHEN A COLUMN IS DROPPED	PTF
LU09442	REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS	PTF
LU09443	REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS	PTF
LU09444	REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS	PTF
LU09445	REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS	PTF
LU09449	HELP PANEL UPDATE FOR VERTICAL DW THRESHOLD	PTF
LU09452	ADD LEVELSET STRING TO PRODUCT REGISTRATION FOR SCRT REPORTS	PTF
LU09472	PRE_ALLOCATE PARMLIB OPTION VALUE DISPLAYED INCORRECTLY	PTF
LU09477	S878 WITH MULTIPLE PFL EXECUTIONS IN A SINGLE STEP	PTF
LU09478	S878 WITH MULTIPLE PFL EXECUTIONS IN A SINGLE STEP	PTF
LU09483	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU09484	UPDATE PRODUCT VERSION FOR ISV SCRT REPORTING	PTF
LU09492	DETECTOR DATASHARING GROUP INTERVAL VIEW OPTION INCURS SOC4	PTF
LU09493	RC/MIGRATOR SYNTAX CHECKER INCORRECT FOR CREATE STOGROUP	PTF
LU09506	BROWSING A TABLE WITH A VARBINARY COLUMN FAILS WITH A SOC7	PTF
LU09542	OFS IS GENERATING INCORRECT DDL FOR REMOTE SUBSYSTEM	PTF
LU09567	NEW CHANGES TO CORRECT THE PTF LU09346	PTF

Database Management Solutions for Db2 for z/OS 20.0
CA RS 2304 Service List

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Service	Description	Type
LU09573	DB2 13 QXST/QTST FIELDS SUPPORT	PTF
LU09591	ADD AGENT FUNCTION TO REGISTER A PRODUCT FEATURE	PTF
LU09594	BP-LOOKUP PFU0146E FOLLOWED BY SA03/S0C4 ABEND	PTF
LU09614	PRA GENERATES INCOMPLETE STRATEGY WITH MISSING REBUILD INDEX	PTF
LU09641	DETECTOR DSG KEY MEMBER SUMMARY SCREEN HAS DATA SHIFTED LEFT	PTF
The CA RS 2304 service count for this release is 52		

Database Management Solutions for Db2 for z/OS
CA RS 2304 Service List for CIDBK00

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FMID	Service	Description	Type
CIDBK00	LU09262	IDB2 - ABEND U0170 IN BATCH REPORT WRITER	PTF
	LU09317	ABEND SOC6 NSIGHTRW PROCESSING COMMAND IFCID 90	PTF
	LU09412	SUPPORT FOR NEW DB2 13 QDST DISTRIBUTED PROCESSING STATS	PTF
	LU09452	ADD LEVELSET STRING TO PRODUCT REGISTRATION FOR SCRT REPORTS	PTF
	LU09573	DB2 13 QXST/QTST FIELDS SUPPORT	PTF
The CA RS 2304 service count for this FMID is 5			

Database Management Solutions for Db2 for z/OS
CA RS 2304 Service List for CINSK00

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FMID	Service	Description	Type
CINSK00	LU09296	NO MESSAGE ISSUED WHEN AN USER DOES NOT HAVE ACCESS TO OMVS	PTF
	LU09322	RECOVERY ESTIMATOR INCORRECTLY SELECTS COPIES WITH SAME RBA	PTF
	LU09324	CONVERT LRSN TO TIMESTAMP OR TIMESTAMP TO LRSN	PTF
	LU09351	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	LU09421	REBUILD INDEX UTILITY GENERATED WHEN NOT NEEDED	PTF
	LU09439	ONLINE REORG NOT GENERATED WHEN A COLUMN IS DROPPED	PTF
	LU09483	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU09484	UPDATE PRODUCT VERSION FOR ISV SCRT REPORTING	PTF
	LU09492	DETECTOR DATASHARING GROUP INTERVAL VIEW OPTION INCURS SOC4	PTF
	LU09493	RC/MIGRATOR SYNTAX CHECKER INCORRECT FOR CREATE STOGROUP	PTF
The CA RS 2304 service count for this FMID is 10			

FMID	Service	Description	Type
COFSK00	LU09346	OFS ROUTINES BLOB DATATYPE FIXES	PTF
	LU09432	ROUTINES MISCELLANEOUS FIXES	PTF
	LU09433	ALTER TB PRIMARY/UNIQUE/FOREIGN KEY FAILS	PTF
	LU09542	OFS IS GENERATING INCORRECT DDL FOR REMOTE SUBSYSTEM	PTF
	LU09567	NEW CHANGES TO CORRECT THE PTF LU09346	PTF
The CA RS 2304 service count for this FMID is 5			

Database Management Solutions for Db2 for z/OS
CA RS 2304 Service List for CPDAK00

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FMID	Service	Description	Type
CPDAK00	LU09352	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
The CA RS 2304 service count for this FMID is 1			

Database Management Solutions for Db2 for z/OS
CA RS 2304 Service List for CPDTK00

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FMID	Service	Description	Type
CPDTK00	LU09348	ABEND OC1 FOLLOWING COMMIT PROCESSING IN ANSP	PTF
	LU09392	UPDATE CONTROL BLOCK FIELD NAME IN HELP PANEL DESCRIPTION.	PTF
	LU09413	PLANNAME IN DATASHARING HAS NAME SUFFIXED WITH 'D'	PTF
	LU09434	AUTONOMOUS NATIVE SQL STORED PROCEDURE (ANSP) STATS INCORRECT	** PRP **
	LU09437	COLLECT METRICS FOR ARCHIVE LOG MODE (QUIESCE)	PTF
	LU09641	DETECTOR DSG KEY MEMBER SUMMARY SCREEN HAS DATA SHIFTED LEFT	PTF
The CA RS 2304 service count for this FMID is 6			

Database Management Solutions for Db2 for z/OS
CA RS 2304 Service List for CPFLK00

FMID	Service	Description	Type
CPFLK00	LU09369	FLLUIX2 S0C4 LOAD RESUME WITH BUSINESS TIME PERIOD	PTF
	LU09378	MISSING SEGMENTED (NON-UTS) DATA SETS AFTER LOAD	*HIP/PRP*
	LU09442	REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS	PTF
	LU09477	S878 WITH MULTIPLE PFL EXECUTIONS IN A SINGLE STEP	PTF
The CA RS 2304 service count for this FMID is 4			

Database Management Solutions for Db2 for z/OS
CA RS 2304 Service List for CPFUK00

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FMID	Service	Description	Type
CPFUK00	LU09325	SDC2-38 WITH NATIVE ACCESS, ORDER BY AND MOWRK	PTF
	LU09443	REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS	PTF
	LU09594	BP-LOOKUP PFU0146E FOLLOWED BY SA03/S0C4 ABEND	PTF
The CA RS 2304 service count for this FMID is 3			

FMID	Service	Description	Type
CPLAK00	LU09323	CONVERT LRSN TO TIMESTAMP OR TIMESTAMP TO LRSN	PTF
	LU09472	PRE_ALLOCATE PARMLIB OPTION VALUE DISPLAYED INCORRECTLY	PTF
The CA RS 2304 service count for this FMID is 2			

FMID	Service	Description	Type
CPPAK00	LU08885	MSG PP217W IS NOT APPLICABLE FOR EXPLAIN OR CATLG REPORTING	PTF
The CA RS 2304 service count for this FMID is 1			

FMID	Service	Description	Type
CPRAK00	LU09614	PRA GENERATES INCOMPLETE STRATEGY WITH MISSING REBUILD INDEX	PTF
The CA RS 2304 service count for this FMID is 1			

FMID	Service	Description	Type
CPRRK00	LU09368	PRR ABENDS WITH SOC4 IN RRL\$UL9 FOR CLASSIC SEGMENTED TS	PTF
	LU09444	REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS	PTF
The CA RS 2304 service count for this FMID is 2			

Database Management Solutions for Db2 for z/OS
CA RS 2304 Service List for CPSAK00

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FMID	Service	Description	Type
CPSAK00	LU09449	HELP PANEL UPDATE FOR VERTICAL DW THRESHOLD	PTF
The CA RS 2304 service count for this FMID is 1			

FMID	Service	Description	Type
CPUTK00	LU09409	PFL DOES NOT UPDATE CATALOG STATISTICS CORRECTLY ON DB2 12	PTF
	LU09445	REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS	PTF
	LU09478	S878 WITH MULTIPLE PFL EXECUTIONS IN A SINGLE STEP	PTF
The CA RS 2304 service count for this FMID is 3			

FMID	Service	Description	Type
CPXNK00	LU09591	ADD AGENT FUNCTION TO REGISTER A PRODUCT FEATURE	PTF
The CA RS 2304 service count for this FMID is 1			

FMID	Service	Description	Type
CRC SK00	LU09206	REVOKE IMPACT ANALYSIS JOB LOOPS WHEN SECURITY REMOVED	PTF
The CA RS 2304 service count for this FMID is 1			

FMID	Service	Description	Type
CRCUK00	LU09506	BROWSING A TABLE WITH A VARBINARY COLUMN FAILS WITH A SOC7	PTF
The CA RS 2304 service count for this FMID is 1			

FMID	Service	Description	Type
CUGRK00	LU09299	INCORRECT REPORT OF USERRI VIOLATION FOR MULTIPLE SORT TASKS	PTF
	LU09302	MISSING DICTIONARY PAGES AT THE BEGINNING OF IIC	PTF
	LU09401	ERROR PFR0402E FOR SIMULATE WITH REBUILD INDEX(ALL) DATABASE	PTF
	LU09402	PFR UNNECESSARILY CALLS IBM WHEN PIT INSIDE A LOG RANGE	PTF
	LU09411	PFR ISSUES SOC4 AND HANG FOR SIMULATE WITH SORTLOG YES	PTF
The CA RS 2304 service count for this FMID is 5			

Service	Details
LU08885	LU08885 M.C.S. ENTRIES = ++PTF (LU08885) REWORK(2023079) MSG PP217W IS NOT APPLICABLE FOR EXPLAIN OR CATLG REPORTING PROBLEM DESCRIPTION: In Plan Analyzer for Db2 for z/OS (PPA), when a VSAM card is present in either the explain services or batch catalog reporting, warning message PP217W is issued. The message recommends creating a Db2 catalog index for better product performance. However, the recommended catalog index is redundant because Db2 10+ includes the index with the Db2 catalog. SYMPTOMS: When the VSAM explain card is present in a batch explain, the following message is present in the explain output: PP217W: VSAM HAS BEEN REPLACED WITH RECOMMENDATION TO CREATE AN INDEX. VSAM HAS BEEN REPLACED WITH A RECOMMENDATION TO CREATE AN INDEX FOR DB2 CATALOG SYSTEM TABLE. ONCE THE INDEX HAS BEEN CREATED, RUNSTATS SHOULD BE EXECUTED AGAINST THE NEW INDEX FOLLOWED BY BINDS OF THE PPA/SQE PLAN AND PACKAGES TO UTILIZE THE NEW ACCESS PATHS. SYSFIELDS (TBCREATOR, TBNAME, NAME) THIS NEW CATALOG INDEX WILL IMPROVE PERFORMANCE IN THESE PRODUCT AREAS: - QUICK EXPLAIN - EXPLAIN STRATEGY SERVICES - STATEMENT REPORTING IMPACT: Plan Analyzer recommends an index that has already been created by the Db2 catalog. CIRCUMVENTION: Remove the deprecated VSAM explain card to avoid encountering warning message PP217W. PRODUCT(S) AFFECTED: Plan Analyzer for Db2 for z/OS Version 20.0 Related Problem: PPADB2 19492 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02433-D200 DESC(MSG PP217W IS NOT APPLICABLE FOR EXPLAIN OR CATLG REPORTING). ++VER (Z038) FMID (CPPAK00) PRE (LU00440 LU00646 LU01068 LU01551 LU01892 LU02493 LU04420 LU04486 LU05116 LU08036 R096584 R099560 S001404 S006120 S006869 S008581 S010000 S012068 S012267 S012655 S015691) SUP (LT08885) CSECT(PPA@PRMP,CRDPLIST,PPA@@001,PPA@TBL,EXTURN,PPA@PRM9) .

Service	Details
LU09206	LU09206 M.C.S. ENTRIES = ++PTF (LU09206) REWORK(2023066) REVOKE IMPACT ANALYSIS JOB LOOPS WHEN SECURITY REMOVED PROBLEM DESCRIPTION: In RC/Secure for Db2 for z/OS (RCS), generating revoke impact analysis job results in a loop condition for a userid no longer defined within RACF. SYMPTOMS: REVOKE impact analysis report with cascade option results a loop condtion. IMPACT: User cannot generate REVOKE impact analysis report. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Secure for Db2 for z/OS Version 20.0 Related Problem: RCSDDB2 19723 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02471-D200 DESC(REVOKE IMPACT ANALYSIS JOB LOOPS WHEN SECURITY REMOVED). ++VER (Z038) FMID (CRCSK00) PRE (LU04431) SUP (LT09206)

Service	Details
LU09262	LU09262 M.C.S. ENTRIES = ++PTF (LU09262) REWORK(2023062) IDB2 - ABEND U0170 IN BATCH REPORT WRITER PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) batch report writer may terminate with an ABEND U0170 reason code 8. In an IQL report, a varchar field output whose length is greater than 256 bytes causes a memory overlay when processing more than one field list containing varchar fields. SYMPTOMS: The batch report writer job abends with this code: CCSR067I COMPLETION CODE U0170 REASON CODE 00000008 IMPACT: The batch report writer job abends and no report is generated. CIRCUMVENTION: Make sure the IQL report has only one field list when processing varchar fields. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 15241 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02475-D200 DESC(IDB2 - ABEND U0170 IN BATCH REPORT WRITER). ++VER (Z038) FMID (CIDBK00) PRE (LU01030 LU02118 LU03286 LU03348 LU04411 LU05999 LU06045 LU06100 LU06166 LU06285 LU06866 LU06965 LU08232 R096575 R099552 S000077 S001395 S004454 S006112 S006862 S008846 S009519 S010160 S010906 S011977 S012769 S013508 S015254) SUP (LT02031 LT03455 LT05211 LT09026 LT09158 LT09262 LU02031 LU03455 LU05211)

Service	Details
LU09296	LU09296 M.C.S. ENTRIES = ++PTF (LU09296) REWORK(2023069) NO MESSAGE ISSUED WHEN AN USER DOES NOT HAVE ACCESS TO OMVS PROBLEM DESCRIPTION: When users without OMVS access generate DDL using RC/Migrator for Db2 for z/OS (RCM) or RC/Compare for Db2 for z/OS (RCC) or use the syntax checker feature in RC/Migrator or RC/Update for Db2 for z/OS (RCU) the generated DDL is not complete. The generated error message is not self-explanatory. SYMPTOMS: When altering a tablespace, users may experience a U0070 abend. User Completion Code = 0070 The following error is issued when CREATE DDL is generated by Object Framework Services (OFS) during RC/Migrator analysis or through RC/Update: RCO0013E: Internal Error service(ZOMPDCNV) RC=12 ;88 ,156 When syntax checking CREATE DDL in batch, the input DDL is not listed on the batch output. IMPACT: Users will not be able to use the product to their satisfaction. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 RC/Compare for Db2 for z/OS Version 20.0 RC/Update for Db2 for z/OS Version 20.0 Related Problem: RCM 19499 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02482-D200 DESC(NO MESSAGE ISSUED WHEN AN USER DOES NOT HAVE ACCESS TO OMVS) . ++VER (Z038) FMID (CINSK00) PRE (LU00426 LU00432 LU00446 LU00989 LU02345 LU03314 LU03657 LU03923 LU04149 LU04412 LU04458 LU04463 LU04573 LU04874 LU04930 LU04950 LU05382 LU05629 LU05739 LU05886 LU06508 LU06576 LU06629 LU07248 LU07268 LU07559 LU07608 LU07836 LU08696 LU09027 LU09136 LU09207 R096576 R097704 R099553 S000016 S001396 S004455 S004718 S004855 S005199 S006113 S006638 S006863 S007323 S007379 S007807 S008128 S008291 S008957 S009105 S009356 S009417 S009860 S011691 S011866 S011966 S012361 S012751 S012817 S012933 S013071 S014125 S014832 S015804) SUP (LT00509 LT00968 LT01958 LT02166 LT04376 LT04529 LT05590 LT07418 LT07569 LT09140 LT09296 LU00509 LU00968 LU01958 LU02166 LU04376 LU04529 LU05590 LU07418 LU07569 LU09140 S011737 ST11737) ++HOLD (LU09296) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (23069) COMMENT (+-----+ Db2 Common Components Version 20.0 +-----+

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

Service	Details																								
LU09299	LU09299 M.C.S. ENTRIES = ++PTF (LU09299) REWORK(2023060) INCORRECT REPORT OF USERRI VIOLATION FOR MULTIPLE SORT TASKS PROBLEM DESCRIPTION: Fast Check for Db2 for z/OS (PFC) may incorrectly report user-defined referential integrity violations defined by the RI manager. This problem can occur when processing a partition-by-range universal tablespace with table-controlled partitioning and SORTTASKS n (where n>1). SYMPTOMS: The following errors are incorrectly reported for objects that have USERRI defined and do not have referential integrity errors: PFC0234E - CHECK DATA ERROR. At least one row has been found violating Referential Integrity or Check Constraint. The row details are found in the following report: <table><tr><th>ROW ID</th><th>CREATOR</th><th>TABLE NAME</th><th>REFERENTIAL / CHECK CONSTRAINT</th></tr><tr><td>-----</td><td>-----</td><td>-----</td><td>-----</td></tr><tr><td><rid></td><td><creat></td><td><tbname></td><td><user ri name></td></tr><tr><td>...</td><td></td><td></td><td></td></tr><tr><td><rid></td><td><creat></td><td><tbname></td><td><user ri name></td></tr></table> IMPACT: Referential integrity errors reported incorrectly. CIRCUMVENTION: Specify SORTTASKS 1. PRODUCT(S) AFFECTED: <table><tr><td>Fast Check for Db2 for z/OS</td><td>Version 20.0</td></tr><tr><td>Utility General Recovery</td><td>Version 20.0</td></tr></table> Related Problem: PFC 19733 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02483-D200 DESC(INCORRECT REPORT OF USERRI VIOLATION FOR MULTIPLE SORT TASKS). ++VER (Z038) FMID (CUGRK00) PRE (LU04435 R099574 S000029 S005018 S012155) SUP (LT09299)	ROW ID	CREATOR	TABLE NAME	REFERENTIAL / CHECK CONSTRAINT	-----	-----	-----	-----	<rid>	<creat>	<tbname>	<user ri name>	...				<rid>	<creat>	<tbname>	<user ri name>	Fast Check for Db2 for z/OS	Version 20.0	Utility General Recovery	Version 20.0
ROW ID	CREATOR	TABLE NAME	REFERENTIAL / CHECK CONSTRAINT																						
-----	-----	-----	-----																						
<rid>	<creat>	<tbname>	<user ri name>																						
...																									
<rid>	<creat>	<tbname>	<user ri name>																						
Fast Check for Db2 for z/OS	Version 20.0																								
Utility General Recovery	Version 20.0																								

Service	Details
LU09302	LU09302 M.C.S. ENTRIES = ++PTF (LU09302) REWORK(2023067) The following items are included in this solution: 1. MISSING DICTIONARY PAGES AT THE BEGINNING OF IIC 2. ERROR PQC0777E WITH PQC-SHRLEVEL-CHANGE-POLICY STRICT OPTION ===== MISSING DICTIONARY PAGES AT THE BEGINNING OF IIC PROBLEM DESCRIPTION: Quick Copy for Db2 for z/OS (PQC) with SYSTEMPAGES YES and for a tablespace defined with the COMPRESS attribute may fail to copy dictionary pages at the beginning of an incremental image copy. Fast Recover for Db2 for z/OS (PFR) with SORTLOG YES and trying to recover such a tablespace using such an incremental image copy may fail with an error below: PFR0748E - NO DICTIONARY PAGES FOUND AT THE BEGINNING OF THE IMAGE COPY NOR IN THE DB2 LOG This Error has Occurred in CSECT - FRA@RSLY SYMPTOMS: PFR job terminates with the error PFR0748E and RC=8. IMPACT: PFR recovery process may terminate without recovering objects. CIRCUMVENTION: Use SORTLOG NO in PFR to recover such a tablespace. PRODUCT(S) AFFECTED: Quick Copy for Db2 for z/OS (PQC) Version 20.0 Related Problem: PQC 19538 ===== ERROR PQC0777E WITH PQC-SHRLEVEL-CHANGE-POLICY STRICT OPTION PROBLEM DESCRIPTION: Quick Copy for Db2 for z/OS (PQC) may issue the PQC0777E error when processing SHRLEVEL REFERENCE incremental image copies and the PQC-SHRLEVEL-CHANGE-POLICY STRICT parmlib option is specified. The parmlib option PQC-SHRLEVEL-CHANGE-POLICY applies to SHRLEVEL CHANGE incremental image copies only. PQC0777E EMPTY SHRLEVEL CHANGE INCREMENTAL COPY. PROCESSING TERMINATED. SYMPTOMS: PQC job fails with the error PQC0777E and RC=8. IMPACT: PQC image copy creation process may terminate. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Quick Copy for Db2 for z/OS (PQC) Version 20.0 Related Problem: PQC 19792 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02484-D200 DESC(MISSING DICTIONARY PAGES AT THE BEGINNING OF IIC). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU03235 LU04435 LU05869 LU06423 R099574 S000029 S000201 S001660 S003816 S004475 S005018 S006069 S006132

Service	Details
	S006879 S007826 S008668 S009132 S009595 S009903 S010044 S010819 S011239 S011605 S011686 S011929 S012279 S012530 S013768 S015487 S015609 S015711) SUP (CC06071 LT01665 LT01667 LT01893 LT01936 LT02307 LT02388 LT02529 LT02762 LT03073 LT05422 LT07311 LT08621 LT08671 LT09302 LU01893 LU01936 LU02307 LU02529 LU02762 LU03073 LU05422 LU07311 LU08621 LU08671 S004048 S015308 S016181 ST04048 ST05104 ST15308 ST16181)

Service	Details
LU09317	LU09317 M.C.S. ENTRIES = ++PTF (LU09317) REWORK(2023061) ABEND SOC6 NSIGHTRW PROCESSING COMMAND IFCID 90 PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) batch report writer may encounter an ABEND SOC6 when processing the COMMAND IFCID 90. SYMPTOMS: CCSR010E NMSPRMVC SOC6 at 6BF3F3F9 LMOD N/A CSECT N/A +N/A JOBNAME CCSR060I BREAKING EVENT ADDRESS: 00000000 3BA65C48 CCSR061I PSW: 07850000 80000000 00000000 6BF3F3F9 CCSR062I ILC: 02 INTERRUPT CODE: 06 CCSR067I COMPLETION CODE SOC6 REASON CODE 00000006 CCSR064I DATA AT PSW 6BF3F3F3 : 00000000 00000000 00000000 CCSR065I HOME = 041D PRIMARY = 041D SECONDARY = 041D CCSR070I GR00 - GR01 6BF3F9F0_6BF3F4F2 6BF4F1F3_6BF3F4F3 CCSR070I GR02 - GR03 6BF4F1F4_6BF3F5F0 6BF4F9F7_6BF3F5F1 CCSR070I GR04 - GR05 6BF4F9F8_6BF3F5F2 6BF4F9F9_6BF3F5F7 CCSR070I GR06 - GR07 5DFFFFFF_6BF3F5F8 FFFFFFFF_6BF3F7F0 CCSR070I GR08 - GR09 FFFFFFFF_6BF3F7F1 FFFFFFFF_6BF3F7F8 CCSR070I GR10 - GR11 FFFFFFFF_6BF3F7F9 FFFFFFFF_6BF3F8F0 CCSR070I GR12 - GR13 FFFFFFFF_6BF3F8F1 00000000_6BF3F2F5 CCSR070I GR14 - GR15 00000000_6BF3F3F7 00000000_6BF3F4F1 IMPACT: The batch report writer abnormally terminates. CIRCUMVENTION: Exclude IFCID 90 from your reports if you are reporting on other records, as well. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 19713 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02485-D200 DESC(ABEND SOC6 NSIGHTRW PROCESSING COMMAND IFCID 90). ++VER (Z038) FMID (CIDBK00) PRE (LU03286 LU04411 LU05224 LU06229 LU06285 LU06553 R096575 R099552 S004454 S006112 S008846 S010160 S011977 S013891 S015254) SUP (LT05767 LT09317 LU05767)

Service	Details
LU09322	LU09322 M.C.S. ENTRIES = ++PTF (LU09322) REWORK(2023061) RECOVERY ESTIMATOR INCORRECTLY SELECTS COPIES WITH SAME RBA PROBLEM DESCRIPTION: Recovery Estimator (RECOVER-TOOL ESTIMATE-RECOVERY) incorrectly identifies copies needed for recovery when more than one copy with same the same RBA/LRSN exists in the SYSIBM.SYSCOPY table, with each copy being on different sites (local vs remote) or (backup vs. primary) i.e. each with different ICBACKUP values. SYMPTOMS: When running Recovery Estimator on objects that have more than one copy having the same start RBA/LRSN each with a different value of ICBACKUP field, the Recovery Estimator incorrectly reports the copies that will be used for recovery. IMPACT: Recovery Estimator may incorrectly report copies used for recovery. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for Db2 for z/OS Base Install Version 20.0 Related Problem: INS 19717 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02486-D200 DESC (RECOVERY ESTIMATOR INCORRECTLY SELECTS COPIES WITH SAME RBA) . ++VER (Z038) FMID (CINSK00) PRE (LU00227 LU01178 LU01405 LU01673 LU02061 LU02117 LU02197 LU02363 LU02609 LU03520 LU04369 LU04412 LU04960 LU06541 LU07235 LU07372 LU09151 S015311 S015864) SUP (AL01405 LT01643 LT01696 LT02060 LT02061 LT08086 LT08930 LT09151 LT09202 LT09322 LU01696 LU08086 LU09202) ++HOLD (LU09322) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (23061) COMMENT (<pre> +-----+ Db2 Common Components Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Bind Plans and Packages. +-----+-----+ USERS AFFECTED All Users. +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. Db2 Tools Post Install. REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * </pre>

Service	Details
	***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for DB2 for z/OS on 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
LU09323	LU09323 M.C.S. ENTRIES = ++PTF (LU09323) REWORK(2023066) CONVERT LRSN TO TIMESTAMP OR TIMESTAMP TO LRSN ENHANCEMENT DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) now enables you to convert an LRSN value to a (UTC or local) timestamp or a timestamp to an LRSN value. Select option 9 - LRSN/Timestamp Conversion on the Log Analyzer Main Menu and enter an LRSN value, UTC timestamp, or Local timestamp to convert the entry to the other corresponding values. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 19346 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02487-D200 DESC(CONVERT LRSN TO TIMESTAMP OR TIMESTAMP TO LRSN). ++VER (Z038) FMID (CPLAK00) PRE (LU00759 LU01040 LU02230 LU03228 LU04004 LU04419 LU06217 LU06661 R099559 S000020 S000975 S001403 S004245 S004461 S008802 S011113 S011669 S015064) SUP (LT09323) ++IF FMID(CINSK00) REQ(LU09324).

Service	Details
LU09324	LU09324 M.C.S. ENTRIES = ++PTF (LU09324) REWORK(2023066) CONVERT LRSN TO TIMESTAMP OR TIMESTAMP TO LRSN ENHANCEMENT DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) now enables you to convert an LRSN value to a (UTC or local) timestamp or a timestamp to an LRSN value. Select option 9 - LRSN/Timestamp Conversion on the Log Analyzer Main Menu and enter an LRSN value, UTC timestamp, or Local timestamp to convert the entry to the other corresponding values. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 19346 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02487-D200 DESC(CONVERT LRSN TO TIMESTAMP OR TIMESTAMP TO LRSN). ++VER (Z038) FMID (CINSK00) PRE (LU00123 LU00131 LU00237 LU00254 LU00723 LU01039 LU01178 LU01978 LU02229 LU03657 LU04006 LU04230 LU04412 LU05059 LU06216 LU07825 LU07836 LU08030 LU09280 R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004250 S004455 S005011 S006113 S006608 S006863 S007379 S007807 S008869 S009761 S009785 S010004 S010200 S010676 S011078 S011084 S011684 S012715 S014566 S014865 S015980) SUP (LT09324) ++IF FMID(CPLAK00) REQ(LU09323). ++HOLD (LU09324) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (23066) COMMENT (<pre> +-----+ Db2 Common Components Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. </pre>

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
LU09325	LU09325 M.C.S. ENTRIES = ++PTF (LU09325) REWORK(2023068) SDC2-38 WITH NATIVE ACCESS, ORDER BY AND MOWRK PROBLEM DESCRIPTION: Fast Unload for DB2 for z/OS (PFU) may abend with system abend code DC2 and reason code 38 in DFSORT when the following conditions are true: - "PUT3524I - No zIIP processors are available" is issued. - Native access is used (SQL-ACCESS NONE or EXTENSION). - ORDER BY is used. - DFSORT's MOWRK option is used (either through the installation default or the parameters DD). SYMPTOMS: - SDC2 abend with reason code 38. - The following messages are issued: IEA995I SYMPTOM DUMP OUTPUT 641 SYSTEM COMPLETION CODE=DC2 REASON CODE=4A003820 TIME=12.57.33 SEQ=24873 CPU=0000 ASID=0042 PSW AT TIME OF ERROR 070C5000 81BABFB2 ILC 2 INTC 0D NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 01BABFAC - 00181610 0A0DB24D 001CE31D GR 0: 84000000 1: 84DC2000 2: 00000000 3: 00000000 4: 00000000 5: 028D5000 6: 0384EB1C 7: 01DD8100 8: 00000000 9: 031AFC30 A: 00000000 B: 00000000 C: 01BAD0E0 D: 031B1178 E: 031B1000 F: 4A003820 END OF SYMPTOM DUMP ICE185A 0 AN SDC2 ABEND WAS ISSUED BY DFSORT, ANOTHER PROGRAM OR AN EXIT PFU0186E - ERRORS UNLOADING. ORDER CLAUSE USED. CHECK ST01MSG/PTIMSG FOR CAUSES. RC: SDC2 IMPACT: Processing fails. CIRCUMVENTION: Specify one of the following: - SQL-ACCESS ONLY. - The following DFSORT parameter: //DFSPARM DD * OPTION NOMOWRK PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Related Problem: PFU 19812 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02488-D200 DESC(SDC2-38 WITH NATIVE ACCESS, ORDER BY AND MOWRK). ++VER (Z038) FMID (CPFUK00) PRE (LU00137 LU00217 LU00886 LU02006 LU02470 LU03353 LU04418 LU05747 LU06918 LU06975 S000019 S001818 S004460 S005013 S006867 S008860 S009025 S011236 S011997 S012151 S014032

Version 20.0

Service	Details
	SO14984 SO16195) SUP (LT07180 LT09325 LU07180)

Service	Details
LU09346	LU09346 M.C.S. ENTRIES = ++PTF (LU09346) REWORK(2023068) OFS ROUTINES BLOB DATATYPE FIXES PROBLEM DESCRIPTION: The Object Framework Services (OFS) component of the Database Management Solutions for Db2 for z/OS is generating an incorrect length for the BLOB, DBCLOB and CLOB data type in the routine DDL when the length is specified as 2G. SYMPTOMS: If the object was created with length 2G, the length appears as 2147483647 In the generated DDL output. IMPACT: Object is created with incorrect data type length. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 RC/Query for Db2 for z/OS Version 20.0 Related Problem: OFS 18291 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02489-D200 DESC(OFS ROUTINES BLOB DATATYPE FIXES) . ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU03315 LU03659 LU04085 LU04413 LU05335 LU07688 LU08241 LU08697 LU09137 R096577 R099554 S001397 S004456 S006114 S006864 S007380 S008663 S012412 S015225 S015440) SUP (LT08853 LT09271 LT09346)

Service	Details
LU09348	LU09348 M.C.S. ENTRIES = ++PTF (LU09348) REWORK(2023065) ABEND OC1 FOLLOWING COMMIT PROCESSING IN ANSP PROBLEM DESCRIPTION: Detector for z/OS for Db2 (PDT) may cause an OC1 due to a Db2-invoked COMMIT following the completion of an Autonomous Native SQL Stored Procedure(ANSP) . SYMPTOMS: Any thread that is processing an ANSP may abend with a SOC1 or S04E. IMPACT: This has low impact on Db2 but may cause an application request to fail. CIRCUMVENTION: This can be circumvented by specifying either of the following settings: - Triggered SQL ==> N on the "Start Collection Display" (second panel) - TRG(N) in the Detector startup command list PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 19650 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02490-D200 DESC(ABEND OC1 FOLLOWING COMMIT PROCESSING IN ANSP) . ++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 LU07488 LU08817 LU08852 LU08863 LU09049 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 (AL01542 AL02554 AL05152 AL08206 AS06334 AS08129 AS13450 AS16113 CL01542 LT00240 LT00307 LT00329 LT00684 LT01214 LT01215 LT01393 LT01467 LT01903 LT01933 LT01956 LT02217 LT02220 LT02290 LT02706 LT02796 LT03093 LT03386 LT03406 LT05265 LT05545 LT06154 LT06738 LT06744 LT07809 LT08206 LT08532 LT09003 LT09348 LU03386 LU03406 LU05265 LU05545 LU06154 LU06744 LU07809 LU08206 LU08532 LU09003 ST00423 ST06838 ST07988 ST08446 ST09828 ST10492 ST10652 ST13450 ST13655 ST14680 ST15843 ST15927 ST16113 TR99946) ++HOLD (LU09348) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (23065) 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
LU09351	LU09351 M.C.S. ENTRIES = ++PTF (LU09351) REWORK(2023083) 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 19755 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02491-D200 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CINSK00) PRE (LU00145 LU00890 LU02455 LU04121 LU04412 LU06300 S000016 SO14174) SUP (LT09351) ++IF FMID(CPDAK00) REQ(LU09352).

Service	Details
LU09352	LU09352 M.C.S. ENTRIES = ++PTF (LU09352) REWORK(2023083) 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 19755 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02491-D200 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT) . ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00256 LU00381 LU00635 LU00891 LU01860 LU01981 LU02456 LU03762 LU04122 LU04415 LU04989 LU06301 LU06307 LU07004 LU08126 R096579 R099555 S000017 S001399 S004457 S004948 S007809 S009023 S009300 S009652 S009763 S011017 S011701 S013683 S014030 S014175 S014732 S015130 S015483) SUP (LT05102 LT09352 LU05102 S009088 S011931 ST08903 ST09088 ST11931 ST13913 ST15344 ST15357) ++IF FMID(CINSK00) REQ(LU09351) .

Service	Details
LU09368	LU09368 M.C.S. ENTRIES = ++PTF (LU09368) REWORK(2023069) PRR ABENDS WITH SOC4 IN RRL\$UL9 FOR CLASSIC SEGMENTED TS PROBLEM DESCRIPTION: Rapid Reorg for Db2 for z/OS (PRR) may abend with SOC4 in RRL\$UL9 at offset 000001C6 during Tablespace reorganization when all of the following conditions are true: - A tablespace type is classic segmented. - The last available Db2 dataset is completely full(Maximum possible page is an active page). SYMPTOMS: PRR issues the following message in PTIMSG: PRR0072E - CSECT: RRA\$UL9 Abended, Code: X'840C4000' - ESTAE Intercepted PRR2257E - SORT abended - Abend Code: X'840C4000' See sort messages for more details. PRR0091E - Tablespace DBNAME.TSNAME Application Abended when UNLOADing the Tablespace Task ECB: X'000C4000' Return Code: X'0000000C' Detected in module RRA\$ULA An SOC4 abend occurs in program RRL\$UL9 at offset 000001C6 with the following symptom dump: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000004 TIME=hh.mm.ss SEQ=nnnnn CPU=cpu ASID=asid PSW AT TIME OF ERROR 078C1000 99EBE1C6 ILC 4 INTC 04 ACTIVE MODULE ADDRESS=00000000_19EBE000 OFFSET=000001C6 NAME=RRL\$UL9 DATA AT PSW 19EBE1C0 - E20C50F0 E1F01FFF A7F40006 AR/GR 0: 000000B6/00000000 1: 00000000/04040000 2: 00000000/0000082C 3: 00000000/19DF70B0 4: 00000000/19F055A8 5: 00000000/00000000 6: 00000000/1B0E3FD8 7: 00000000/1B0E3000 8: 00000000/00000001 9: 00000000/19E01030 A: 00000000/19E015C0 B: 00000000/08BF2490 C: 00000000/99EBE000 D: 00000000/19DF6010 E: 00000000/00000000 F: 00000000/7DA26138 IMPACT: The PRR job fails with an SOC4 abend. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Rapid Reorg for Db2 for z/OS Version 20.0 Related Problem: PRR 19694 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02493-D200 DESC(PRR ABENDS WITH SOC4 IN RRL\$UL9 FOR CLASSIC SEGMENTED TS). ++VER (Z038) FMID (CPRRK00) PRE (LU00139 LU03034 LU04425 LU06079 R096588 R098968 S000023 S000846 S005015 S006609 S009026 S009089 S009599 S009905 S009954 S011080 S011237 S011998 S012152 S013152 S013176 S013339 S013635 S014034 S015124) SUP (LT09368)

Service	Details
	++HOLD (LU09368) SYSTEM FMID(CPRRK00) REASON (MSGSKEL) DATE (23069) COMMENT (<pre> +-----+ Rapid Reorg 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
LU09369	LU09369 M.C.S. ENTRIES = ++PTF (LU09369) REWORK(2023068) FLLUIX2 SOC4 LOAD RESUME WITH BUSINESS TIME PERIOD PROBLEM DESCRIPTION: Fast Load for Db2 for z/OS (PFL) may abend with a SOC4-10 abend code in module FLLUIX2. The problem can occur when performing a RESUME YES load on a table that has a business time period defined. SYMPTOMS: Abend SOC4-10 with the following or similar symptom dump. The offset in FLLUIX2 may differ based on the installed maintenance. SYSTEM COMPLETION CODE=0C4 REASON CODE=00000010 TIME=04.31.51 SEQ=03330 CPU=4008 ASID=025A PSW AT TIME OF ERROR 078C2001 BB71EED6 ILC 6 INTC 10 ACTIVE MODULE ADDRESS=00000000_3B71E000 OFFSET=00000ED6 NAME=FLLUIX2 DATA AT PSW 3B71EED0 - E300B078 0024E3E0 F0000017 AR/GR 0: FFFFFFFF/00000000_00000001 1: FFFFFFFF/00000000_3B808004 2: FFFFFFFF/00000050_00100025 3: FFFFFFFF/00000000_00000003 4: FFFFFFFF/00000000_3B72BF2C 5: FFFFFFFF/00000000_3B827328 6: FFFFFFFF/00000000_3B827430 7: FFFFFFFF/00000000_000F3354 8: FFFFFFFF/00000000_00000069 9: FFFFFFFF/00000000_3B6B2000 A: FFFFFFFF/00000000_3B72B6D0 B: FFFFFFFF/00000000_3B8058C0 C: FFFFFFFF/00000000_3B71EE60 D: FFFFFFFF/00000000_3B805138 E: 00000000/00000000_3B803A15 F: FFFFFFFF/00000050_3B8039F8 IMPACT: The job abends. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 19848 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02494-D200 DESC(FLLUIX2 SOC4 LOAD RESUME WITH BUSINESS TIME PERIOD). ++VER (Z038) FMID (CPFLK00) PRE (LU00724 LU01379 LU04417 LU04616 LU06076 LU07264 LU07483 LU07714 S000018 S007170 S008071 S008378 S009977 S011235 S011846 S011996 S012150 S013203 S014772 S015015 S015484 S015738 S016089) SUP (LT09369)

Service	Details
LU09378	LU09378 M.C.S. ENTRIES = ++PTF (LU09378) REWORK(2023068) MISSING SEGMENTED (NON-UTS) DATA SETS AFTER LOAD PROBLEM DESCRIPTION: Fast Load for Db2 for z/OS (PFL) incorrectly loads segmented (non-UTS) tablespaces leaving only the first tablespace data set after the load. The issue happens for segmented (non-UTS) tablespaces under either of the following conditions: - PTF LU09132 applied and OUTPUT-CONTROL BUILD is used. - OUTPUT-CONTROL ALL is used with multiple SYSREC data sets. SYMPTOMS: - Missing segmented (non-UTS) tablespace data sets after the load, starting with the second one. - "RESOURCE NOT AVAILABLE, REASON=X'00C20110'" is displayed. IMPACT: PFL doesn't load the tablespace correctly. CIRCUMVENTION: OUTPUT-CONTROL BUILD case: Specify PFL-TS-PIPES (0) in CDBAPARM(ENABLEXX) member. OUTPUT-CONTROL ALL case: Specify a single SYSREC data set. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 19826 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02496-D200 DESC(MISSING SEGMENTED (NON-UTS) DATA SETS AFTER LOAD). ++VER (Z038) FMID (CPFLK00) PRE (LU00136 LU00724 LU03191 LU04417 LU05880 LU06163 LU06365 LU08550 LU09132 R096581 R097708 S000018 S000081 S001656 S004459 S005012 S006117 S006866 S007811 S008071 S009900 S009977 S011235 S011325 S011601 S011946 S011996 S012150 S012275 S012526 S012984 S013066 S013175 S013203 S014031 S014772 S015015 S015484 S015938 S016089) SUP (AL09132 AS09180 AS13203 AS14433 LT08386 LT09378 S009180 S009378 S014025 S014433 S014694 S016246 ST05071 ST09180 ST09378 ST14018 ST14025 ST14433 ST14694 ST16246)

Service	Details
LU09392	LU09392 M.C.S. ENTRIES = ++PTF (LU09392) REWORK(2023067) UPDATE CONTROL BLOCK FIELD NAME IN HELP PANEL DESCRIPTION. PROBLEM DESCRIPTION: Some help panel description text is referencing an old control block field. SYMPTOMS: The help panel description text will be incorrect for some of the metrics. An old control block field will be included in the description text. IMPACT: There is no impact to the rest of the product. Some help panel descriptions will be misleading. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 19820 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02497-D200 DESC(UPDATE CONTROL BLOCK FIELD NAME IN HELP PANEL DESCRIPTION.). ++VER (Z038) FMID (CPDTK00) PRE (LU04416) SUP (LT09392)

Service	Details
LU09401	LU09401 M.C.S. ENTRIES = ++PTF (LU09401) REWORK(2023069) ERROR PFR0402E FOR SIMULATE WITH REBUILD INDEX(ALL) DATABASE PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) fail with PFR0402E error when performing PREVIEW SIMULATE with REBUILD INDEX(ALL) DATABASE and SORTLOG YES keyword specified in SYSIN. SYMPTOMS: PFR job fails with the error PFR0402E and RC=8. The Following message displayed: PFR0402E - ALTERNATE OPTIONS ARE NOT COMPATIBLE FOR THE TABLESPACE 'DDDDDD.DTTTTTTT' AND THE INDEX 'DDDDDD.DXXXXXXXX' This Error has Occurred in CSECT - FRA@TSIX IMPACT: PFR process PREVIEW SIMULATE with REBUILD INDEX(ALL) DATABASE may terminate. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS (PFR) Version 20.0.06 Related Problem: PFR 19777 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02498-D200 DESC(ERROR PFR0402E FOR SIMULATE WITH REBUILD INDEX(ALL) DATABASE). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU04435 LU09168 R096595 R099574 S000029 S000788 S001660 S006132 S008280 S008466 S012155) SUP (LT09401)

Service	Details
LU09402	LU09402 M.C.S. ENTRIES = ++PTF (LU09402) REWORK(2023069) PFR UNNECESSARILY CALLS IBM WHEN PIT INSIDE A LOG RANGE PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS(PFR) unnecessarily calls IBM for PREVIEW YES option for point in time recovery when the recovery point is in the inside of a log range. SYMPTOMS: PFR job calls IBM. IMPACT: The PFR JOB may calls IBM for consistency check. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS(PFR) Version 20.0 Related Problem: PFR 19778 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02499-D200 DESC(PFR UNNECESSARILY CALLS IBM WHEN PIT INSIDE A LOG RANGE). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU03859 LU04103 LU04435 LU05850 LU07265 LU09088 LU09168 R096595 R099574 S000029 S000788 S001660 S001855 S004251 S004475 S006132 S006879 S008280 S009903 S012155 S012352 S013130 S014568) SUP (LT02385 LT08618 LT09402 LU02385 LU08618)

Service	Details
LU09409	LU09409 M.C.S. ENTRIES = ++PTF (LU09409) REWORK(2023074) PFL DOES NOT UPDATE CATALOG STATISTICS CORRECTLY ON DB2 12 PROBLEM DESCRIPTION: Fast Load for Db2 for z/OS (PFL) does not reset the values in the GETPAGES column of the SYSIBM.SYSTABLESPACESTATS and SYSIBM.SYSINDEXSPACESTATS catalog tables. The GETPAGES column was added to these tables in Db2 12. GETPAGES in SYSIBM.SYSTABLESPACESTATS needs to be updated to zero after a LOAD REPLACE. GETPAGES in SYSIBM.SYSINDEXSPACESTATS needs to be updated to zero after a LOAD REPLACE or REBUILD INDEX, which can be part of LOAD RESUME. SYMPTOMS: The value of the GETPAGES column is not reset to zero after PFL execution. IMPACT: Inaccurate statistics in the catalog. CIRCUMVENTION: Update the values manually after PFL execution. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 19859 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02500-D200 DESC(PFL DOES NOT UPDATE CATALOG STATISTICS CORRECTLY ON DB2 12). ++VER (Z038) FMID (CPUTK00) PRE (LU04427 LU08061 S000024 S011999 S012153) SUP (LT09409) ++HOLD (LU09409) SYSTEM FMID(CPUTK00) REASON (DB2BIND) DATE (23074) COMMENT (<pre> +-----+ Utilities Common Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management </pre>

Service	Details
	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
LU09411	LU09411 M.C.S. ENTRIES = ++PTF (LU09411) REWORK(2023069) PFR ISSUES SOC4 AND HANG FOR SIMULATE WITH SORTLOG YES PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) issues a SOC4 ABEND and hangs when the object recovery PREVIEW SIMULATE and REBUILD INDEX(ALL) involves with the usage of SORTLOG YES keyword in SYSIN. SYMPTOMS: PFR job with SORTLOG YES keyword issues SOC4 ABEND and hang in FRA@REL. IMPACT: PFR PREVIEW SIMULATE and REBUILD INDEX(ALL) with SORTLOG YES may not work. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS (PFR) Version 20.0 Related Problem: PFR 19780 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02501-D200 DESC(PFR ISSUES SOC4 AND HANG FOR SIMULATE WITH SORTLOG YES). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU02712 LU04435 LU05850 LU07265 LU09088 LU09168 R096595 R099574 S000029 S000788 S001660 S004251 S005018 S008280 S010818 S011605 S014568) SUP (LT09411)

Service	Details
LU09412	LU09412 M.C.S. ENTRIES = ++PTF (LU09412) REWORK(2023069) SUPPORT FOR NEW DB2 13 QDST DISTRIBUTED PROCESSING STATS ENHANCEMENT DESCRIPTION: SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) provides support for new Db2 13 metrics in the QDST Distributed Processing Statistics section. The following IQL reports were modified. SYSRMOTE - Remote Location Activity IQLRLOCS - Remote Location List HSRMOTE - Remote Location Activity History HSURMOTE - Remote Location List History Summary DSAISTD - DSA SUBSYSTEM_DETAIL DSQSTATS - DSQ Subsystem Statistics DSQHIST - DSQ Subsystem Statistics History BTSTASM1 - System Services Address Space Statistics report BTSTATR1 - Statistics Data Trace report PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17500 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02502-D200 DESC(SUPPORT FOR NEW DB2 13 QDST DISTRIBUTED PROCESSING STATS). ++VER (Z038) FMID (CIDBK00) PRE (LU00246 LU00299 LU00545 LU00697 LU00881 LU01030 LU01100 LU01166 LU01175 LU01977 LU02033 LU02303 LU02325 LU02340 LU02428 LU02634 LU02646 LU02800 LU03023 LU03091 LU03195 LU03256 LU03286 LU03348 LU03435 LU03929 LU04097 LU04287 LU04374 LU04411 LU04498 LU04566 LU04803 LU05058 LU05224 LU05497 LU05687 LU05749 LU05976 LU06045 LU06100 LU06188 LU06229 LU06265 LU06285 LU06379 LU06419 LU06511 LU06611 LU08075 LU08274 LU08523 LU08986 LU09090 LU09092 R096575 R097703 R099552 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S010160 S010405 S010739 S010906 S011465 S011616 S011780 S011977 S012536 S012769 S013508 S013557 S013891 S014016 S014099 S014642 S014754 S014843 S014923 S015049 S015070 S015254 S015647 S015931 S016200 S016270 S016300) SUP (AL02340 AL04803 AS16200 LT00159 LT00282 LT01513 LT01845 LT02439 LT02708 LT03146 LT04818 LT04919 LT05564 LT05600 LT05606 LT05974 LT06109 LT06361 LT06960 LT08544 LT09412 LU00159 LU00282 LU01513 LU01845 LU02439 LU02708 LU03146 LU04818 LU04919 LU05564 LU05600 LU05606 LU06109 LU06361 LU06960 R097683 S015761 S015913 ST04950 ST15761 ST15913 TR97683) CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) .

Service	Details
LU09413	LU09413 M.C.S. ENTRIES = ++PTF (LU09413) REWORK(2023068) PLANNAME IN DATASHARING HAS NAME SUFFIXED WITH 'D' PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) has a PLANNAME column with a length of 9 characters on two data sharing panels, causing the plan name to be appended with the first character of the SSID column. There are also 2 panels with incorrect column separators. SYMPTOMS: The PLANNAME column is 9 characters wide and shows an invalid name on the following panels: PDTG0512, DETECTOR DS Group Planname Member Summary PDTF0012, DETECTOR DSG Key Member Summary Invalid column separators are on the following panels: PDTF0022, DETECTOR DSG Key Plan Summary Display PDTV0012, DETECTOR Key Planname Display IMPACT: The incorrect plan name only appears on the panels. Report output is not affected. The column separators are misaligned. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 19769 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02503-D200 DESC(PLANNAME IN DATASHARING HAS NAME SUFFIXED WITH 'D'). ++VER (Z038) FMID (CPDTK00) PRE (LU01982 LU02132 LU02271 LU04416 LU06415 LU08839 LU09119 R099556 S014860) SUP (LT08369 LT09273 LT09413 LU08369)

Service	Details
LU09421	LU09421 M.C.S. ENTRIES = ++PTF (LU09421) REWORK(2023074) REBUILD INDEX UTILITY GENERATED WHEN NOT NEEDED PROBLEM DESCRIPTION: RC/Migrator for Db2 for z/OS (RCM) generates an index rebuild during analysis when a tablespace reorg is also generated, which clears the RBD/PSRBD status for the index. SYMPTOMS: An extraneous index rebuild utility is generated prior to a tablespace reorg. IMPACT: An unnecessary index rebuild is generated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 19701 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02504-D200 DESC(REBUILD INDEX UTILITY GENERATED WHEN NOT NEEDED) . ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04149 LU04412 LU05142 LU05886 LU06576 LU07268 LU08696 R096576 R097704 S001396 S004718 S007379 S008957 S009105 S011691 S011866 S011966 S012361 S012933 S014832 S015804) SUP (LT01999 LT09421 LU01999)

Service	Details
LU09432	LU09432 M.C.S. ENTRIES = ++PTF (LU09432) REWORK(2023076) ROUTINES MISCELLANEOUS FIXES PROBLEM DESCRIPTION: The Object Framework Services (OFS) component of the Database Management Solutions for Db2 for z/OS is generating an incorrect scale value for the FLOAT data type in the ALTER routines (functions, stored procedures) statements. SYMPTOMS: In the generated ALTER statement output, the scale value for the FLOAT data type scale value is generated as 53 or 8 when no scale value is specified in the input. IMPACT: Object is altered with incorrect float scale length. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 RC/Query for Db2 for z/OS Version 20.0 Related Problem: OFS 19662 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02506-D200 DESC(ROUTINES MISCELLANEOUS FIXES). ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU03315 LU03659 LU04085 LU04413 LU05335 LU07688 LU08241 LU08697 LU09137 LU09346 R096577 R099554 S001397 S004456 S006114 S006864 S012412 S015225 S015440) SUP (LT02866 LT09432 LU02866)

Service	Details
LU09433	LU09433 M.C.S. ENTRIES = ++PTF (LU09433) REWORK(2023075) ALTER TB PRIMARY/UNIQUE/FOREIGN KEY FAILS PROBLEM DESCRIPTION: The Object Framework Services (OFS) component of the Database Management Solutions for Db2 for z/OS is generating a parsing error for PRIMARY, UNIQUE, CHECK and FOREIGN key constraints. SYMPTOMS: No DDL generated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: OFS 19683 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02505-D200 DESC(ALTER TB PRIMARY/UNIQUE/FOREIGN KEY FAILS). ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU01832 LU03315 LU03659 LU04413 LU05528 LU07257 LU07688 LU08241 LU09137 R096577 R097705 R099554 S001397 S004456 S006114 S006864 S008858 S013990 S015225 S015440) SUP (LT09433)

Service	Details
LU09434	LU09434 M.C.S. ENTRIES = ++PTF (LU09434) REWORK(2023073) AUTONOMOUS NATIVE SQL STORED PROCEDURE(ANSP) STATS INCORRECT PROBLEM DESCRIPTION: Detector for z/OS for Db2 (PDT) may report inaccurate statistics for Autonomous Native SQL Stored Procedures (ANSP) following LU09348. SYMPTOMS: Various statistics including fetch counts and getpage counts may be misreported. IMPACT: Statistics for ANSPs may be inaccurate. CIRCUMVENTION: This problem can be circumvented by setting either of the following values: Triggered SQL ==> N or the DETECTOR Start Collection Display TRG(N) in the collection start up parms PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 19888 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02507-D200 DESC(AUTONOMOUS NATIVE SQL STORED PROCEDURE(ANSP) STATS INCORRECT). ++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 LU07488 LU08817 LU08852 LU08863 LU09049 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 (AL01542 AL02554 AL05152 AL08206 AL09348 AS06334 AS08129 AS13450 AS16113 CL01542 LT00240 LT00307 LT00329 LT00684 LT01214 LT01215 LT01393 LT01467 LT01903 LT01933 LT01956 LT02217 LT02220 LT02290 LT02706 LT02796 LT03093 LT03386 LT03406 LT05265 LT05545 LT06154 LT06738 LT06744 LT07809 LT08206 LT08532 LT09003 LT09348 LT09434 LU03386 LU03406 LU05265 LU05545 LU06154 LU06744 LU07809 LU08206 LU08532 LU09003 LU09348 ST00423 ST06838 ST07988 ST08446 ST09828 ST10492 ST10652 ST13450 ST13655 ST14680 ST15843 ST15927 ST16113 TR99946) ++HOLD (LU09434) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (23073) COMMENT (+-----+ Detector for Db2 for z/OS Version 20.0 +-----+

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

Service	Details	
LU09437	LU09437 M.C.S. ENTRIES = ++PTF (LU09437) REWORK(2023079)	
	COLLECT METRICS FOR ARCHIVE LOG MODE(QUIESCE)	
	PROBLEM DESCRIPTION:	
	In Detector for Db2 for z/OS (PDT), the number of suspensions and accumulated wait time metric values due to the processing of ARCHIVE LOG MODE(QUIESCE) are not being collected.	
	SYMPTOMS:	
	The metric values for number of suspensions and accumulated wait time are always zero.	
	IMPACT:	
	There is no impact to the product. Since the metric values are not collected, they are always zero on the display panels.	
	CIRCUMVENTION:	
	None	
	PRODUCT(S) AFFECTED:	
	Detector for Db2 for z/OS	
	Version 20.0	
	Related Problem:	
	PDT 19841	
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	R02508-D200	
	DESC(COLLECT METRICS FOR ARCHIVE LOG MODE(QUIESCE)).	
	++VER (Z038)	
	FMID (CPDTK00)	
	PRE (LU00402 LU00549 LU01002 LU01542 LU02944 LU03461 LU03917	
	LU04015 LU04231 LU04263 LU04416 LU05052 LU05823 LU06048	
	LU06112 LU07488 LU08817 LU08852 LU08863 R096168 R096580	
	R097707 R098429 R099556 S000263 S001400 S003942 S004458	
	S004757 S006334 S007810 S008323 S008789 S009065 S009811	
S010018 S010538 S010908 S011694 S011983 S012429 S012538		
S012921 S015395 S015723)		
SUP (BL01542 LT02108 LT07416 LT09437 LU02108 LU07416 S009239		
S012131 ST09239 ST12131)		
++HOLD (LU09437) SYSTEM FMID(CPDTK00)		
REASON (RESTART) DATE (23079)		
COMMENT (		
+-----		

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

Service	Details
LU09439	LU09439 M.C.S. ENTRIES = ++PTF (LU09439) REWORK(2023076) ONLINE REORG NOT GENERATED WHEN A COLUMN IS DROPPED PROBLEM DESCRIPTION: RC/Migrator for Db2 for z/OS (RCM) and RC/Compare for Db2 for z/OS (RCC) analysis do not generate an online REORG if a column is dropped and another column is altered. SYMPTOMS: Online REORG is missing from the generated script. If a DDL to add a foreign key follows the DDL to drop the column, then the execution of the foreign key DDL will fail with SQLCODE = -20385 IMPACT: The execution of the script places the tablespace in pending status. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 19891 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02509-D200 DESC(ONLINE REORG NOT GENERATED WHEN A COLUMN IS DROPPED). ++VER (Z038) FMID (CINSK00) PRE (LU00426 LU00432 LU00446 LU00914 LU03142 LU03657 LU04149 LU04412 LU04458 LU04463 LU05382 LU05886 LU06576 LU07268 LU07608 LU08696 LU09027 LU09207 LU09296 R096576 R097704 R099553 S000016 S001396 S004455 S004718 S006113 S006638 S006863 S007379 S007807 S008957 S009105 S011691 S011866 S011966 S012361 S012933 S013930 S014125 S014832 S015804) SUP (LT00930 LT00989 LT05590 LT06635 LT07070 LT07315 LT07418 LT08441 LT09439 LU00989 LU05590 LU06635 LU07070 LU07315 LU07418 LU08441 S008051 S008414 S009126 S010046 S010331 S010437 S010631 S010827 S010978 S011737 S012524 ST08051 ST08395 ST08414 ST08916 ST09126 ST10046 ST10331 ST10437 ST10631 ST10827 ST10978 ST11648 ST11737 ST12524)

Service	Details										
LU09442	LU09442 M.C.S. ENTRIES = ++PTF (LU09442) REWORK(2023074) REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS ENHANCEMENT DESCRIPTION: Database Management Solutions for Db2 for z/OS Utilities has removed the need to apply a PTF to unblock new Db2 function and catalog levels. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 19885 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02510-D200 DESC(REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS). ++VER (Z038) FMID (CPFLK00) PRE (LU00301 LU01349 LU02243 LU03191 LU03210 LU03684 LU03742 LU04417 LU05207 LU05225 LU05348 LU05534 LU06077 LU06365 LU06789 LU07618 LU07714 LU09132 S000018 S001656 S006117 S008071 S009024 S011107 S011996 S012107 S012150 S012275 S012526 S013150 S013706 S014031 S015235 S015484) SUP (LT02821 LT03038 LT09442 ST11056 ST13122 ST15157) ++IF FMID(CPFUK00) REQ(LU09443). ++IF FMID(CPRRK00) REQ(LU09444). ++IF FMID(CPUTK00) REQ(LU09445).	Utilities Common	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0
Utilities Common	Version 20.0										
Fast Unload for Db2 for z/OS	Version 20.0										
Fast Load for Db2 for z/OS	Version 20.0										
Fast Index for Db2 for z/OS	Version 20.0										
Rapid Reorg for Db2 for z/OS	Version 20.0										

Service	Details										
LU09443	LU09443 M.C.S. ENTRIES = ++PTF (LU09443) REWORK(2023074) REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS ENHANCEMENT DESCRIPTION: Database Management Solutions for Db2 for z/OS Utilities has removed the need to apply a PTF to unblock new Db2 function and catalog levels. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 19885 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02510-D200 DESC(REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS). ++VER (Z038) FMID (CPFUK00) PRE (LU00302 LU01350 LU02727 LU03032 LU03211 LU03265 LU03353 LU03732 LU04418 LU04789 LU04868 LU06078 LU06305 LU07619 LU08255 LU08872 R099558 S000019 S001402 S001818 S004460 S006118 S006867 S007812 S008860 S011108 S011997 S012151 S013151 S013707 S014984 S015236 S016195) SUP (LT02822 LT03039 LT09443 ST13123 ST15158) ++IF FMID(CPFLK00) REQ(LU09442). ++IF FMID(CPRRK00) REQ(LU09444). ++IF FMID(CPUTK00) REQ(LU09445).	Utilities Common	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0
Utilities Common	Version 20.0										
Fast Unload for Db2 for z/OS	Version 20.0										
Fast Load for Db2 for z/OS	Version 20.0										
Fast Index for Db2 for z/OS	Version 20.0										
Rapid Reorg for Db2 for z/OS	Version 20.0										

Service	Details										
LU09444	LU09444 M.C.S. ENTRIES = ++PTF (LU09444) REWORK(2023074) REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS ENHANCEMENT DESCRIPTION: Database Management Solutions for Db2 for z/OS Utilities has removed the need to apply a PTF to unblock new Db2 function and catalog levels. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 19885 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02510-D200 DESC(REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS). ++VER (Z038) FMID (CPRRK00) PRE (LU00303 LU01351 LU03034 LU03212 LU03233 LU03733 LU04425 LU04637 LU04965 LU05208 LU06079 LU07620 R096588 R097715 R098968 S000023 S001658 S006125 S006582 S006609 S007818 S009026 S009089 S009599 S009905 S011080 S011109 S011200 S011237 S011998 S012109 S012152 S012277 S012528 S012716 S013152 S013204 S013635 S013708 S014640 S015237 S015313) SUP (LT02823 LT03040 LT09444 S015585 ST11058 ST15159 ST15282 ST15289 ST15585) ++IF FMID(CPFLK00) REQ(LU09442). ++IF FMID(CPFUK00) REQ(LU09443). ++IF FMID(CPUTK00) REQ(LU09445).	Utilities Common	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0
Utilities Common	Version 20.0										
Fast Unload for Db2 for z/OS	Version 20.0										
Fast Load for Db2 for z/OS	Version 20.0										
Fast Index for Db2 for z/OS	Version 20.0										
Rapid Reorg for Db2 for z/OS	Version 20.0										

Service	Details										
LU09445	LU09445 M.C.S. ENTRIES = ++PTF (LU09445) REWORK(2023074) REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS ENHANCEMENT DESCRIPTION: Database Management Solutions for Db2 for z/OS Utilities has removed the need to apply a PTF to unblock new Db2 function and catalog levels. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 19885 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02510-D200 DESC(REMOVAL OF DB2 FUNCTION/CATALOG LEVEL CHECKS). ++VER (Z038) FMID (CPUTK00) PRE (LU00304 LU00727 LU01352 LU03213 LU03234 LU03734 LU04427 LU04990 LU05209 LU06080 LU07621 R098969 S000024 S006127 S011110 S011604 S011999 S012153 S013153 S013205 S013709 S015238 S015486) SUP (LT02824 LT03041 LT09445 ST15160) ++IF FMID(CPFLK00) REQ(LU09442). ++IF FMID(CPFUK00) REQ(LU09443). ++IF FMID(CPRRK00) REQ(LU09444).	Utilities Common	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0
Utilities Common	Version 20.0										
Fast Unload for Db2 for z/OS	Version 20.0										
Fast Load for Db2 for z/OS	Version 20.0										
Fast Index for Db2 for z/OS	Version 20.0										
Rapid Reorg for Db2 for z/OS	Version 20.0										

Service	Details
LU09449	LU09449 M.C.S. ENTRIES = ++PTF (LU09449) REWORK(2023072) HELP PANEL UPDATE FOR VERTICAL DW THRESHOLD PROBLEM DESCRIPTION: In Subsystem Analyzer for Db2 for z/OS (PSA), the help panel display for the Vertical DW threshold metric is actually displaying the help panel for the HP Seq Threshold metric. SYMPTOMS: The expected help panel for the Vertical DW threshold metric is not being displayed. IMPACT: Incorrect help panel message is being displayed. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Subsystem Analyzer for Db2 for z/OS Version 20.0 Related Problem: PSA 19914 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02512-D200 DESC(HELP PANEL UPDATE FOR VERTICAL DW THRESHOLD). ++VER (Z038) FMID (CPSAK00) PRE (LU04426) SUP (LT09449)

Service	Details
LU09452	LU09452 M.C.S. ENTRIES = ++PTF (LU09452) REWORK(2023072) ADD LEVELSET STRING TO PRODUCT REGISTRATION FOR SCRT REPORTS PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) LMP KEY and Product Registration now adds the Version String (format VV.RR.MM) for SCRT reporting. SYMPTOMS: Version is shown as 20.00.00 when a more recent level is running. IMPACT: SCRT reporting is not as accurate. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 19852 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02513-D200 DESC(ADD LEVELSET STRING TO PRODUCT REGISTRATION FOR SCRT REPORTS). ++VER (Z038) FMID (CIDBK00) PRE (LU04411) SUP (LT09452)

Service	Details
LU09472	LU09472 M.C.S. ENTRIES = ++PTF (LU09472) REWORK(2023075) PRE_ALLOCATE PARMLIB OPTION VALUE DISPLAYED INCORRECTLY PROBLEM DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) may display garbage characters as part of the value of PRE_ALLOCATE parameter in PLA parmlib member. In the CSV form of output PLA generates incorrect statement type for UNDO part of an update. Instead of 'UB' it generates 'BA'. SYMPTOMS: Garbage characters appear where a value of PRE_ALLOCATE value should be. A value 'BA' appears in the CSV form of output in statement type column. IMPACT: The output contains garbage characters where blanks should be. Incorrect statement type can affect processing of CSV file generated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 19925 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02515-D200 DESC(PRE_ALLOCATE PARMLIB OPTION VALUE DISPLAYED INCORRECTLY) . ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00597 LU01040 LU01538 LU02230 LU02381 LU03250 LU04419 LU06217 LU07824 LU08087 R096583 R097709 R099559 S000020 S000975 S004245 S004461 S007813 S008008 S008802 S009333 S010677 S011583 S011669 S012889 S015456) SUP (LT09472)

Service	Details
LU09477	LU09477 M.C.S. ENTRIES = ++PTF (LU09477) REWORK(2023080) S878 WITH MULTIPLE PFL EXECUTIONS IN A SINGLE STEP PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may abend with S878 under the following conditions: - OUTPUT-CONTROL ALL is used. - There are multiple PFL executions in a single step. 2. PFL abends with SOC1 when there is an index with a name longer than 126 characters. SYMPTOMS: 1. S878 abend. 2. SOC1 abend. IMPACT: Processing fails. CIRCUMVENTION: 1. Split the multiple PFL executions into multiple job steps. 2. None. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 19875 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02516-D200 DESC(S878 WITH MULTIPLE PFL EXECUTIONS IN A SINGLE STEP). ++VER (Z038) FMID (CPFLK00) PRE (LU00178 LU00436 LU00724 LU00983 LU01379 LU01720 LU02243 LU03191 LU03231 LU03684 LU03846 LU04159 LU04417 LU04616 LU04980 LU05225 LU05348 LU05880 LU06365 LU07264 LU07461 LU07483 LU08283 LU09132 LU09378 R097708 S000018 S000704 S004275 S004459 S004857 S005012 S006117 S007170 S007811 S008071 S009024 S009977 S010752 S011235 S011325 S011601 S011846 S011996 S012150 S012526 S012984 S013066 S013097 S013175 S013765 S014031 S014772 S015015 S015484 S015738 S016089) SUP (AL00983 AS14772 LT02258 LT02485 LT02641 LT09477 LU02258 LU02485 LU02641 S015771 ST15771) ++IF FMID(CPUTK00) REQ(LU09478). ++HOLD (LU09477) SYSTEM FMID(CPFLK00) REASON (MSGSKEL) DATE (23080) COMMENT (Fast Load for Db2 for z/OS Version 20.0 SEQUENCE After Apply PURPOSE Relink XMESSAGES USERS AFFECTED All Db2 Tools Users KNOWLEDGE

Service	Details
	<pre> REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems +-----+-----+ +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details. Also NOTE: This PTF will change the following message format from: PFL0501I - Number of INDDN tasks to start: . to: PFL0501I - Task information: Tablespace readers : . Tablespace writers : . Sort tasks : . In addition the following messages will no longer be issued: PFL0503I - Maximum number of INDDN devices req: . DDNAME: ... PFL0504I - Minimum number of UNLDDN devices req: . DDNAME: ... PFL0505I - Maximum number of UNLDDN devices used: . PFL0506I - Minimum number of WORKDDN devices req: . DDNAME: ... PFL0507I - Maximum number of WORKDDN devices used: . If there are any processes which rely on these messages or formats, please amend these accordingly (such as operation based triggering or parsing programmes)).</pre>

Service	Details
LU09478	LU09478 M.C.S. ENTRIES = ++PTF (LU09478) REWORK(2023080) S878 WITH MULTIPLE PFL EXECUTIONS IN A SINGLE STEP PROBLEM DESCRIPTION: 1. Fast Load for Db2 for z/OS (PFL) may abend with S878 under the following conditions: - OUTPUT-CONTROL ALL is used. - There are multiple PFL executions in a single step. 2. PFL abends with S0C1 when there is an index with a name longer than 126 characters. SYMPTOMS: 1. S878 abend. 2. S0C1 abend. IMPACT: Processing fails. CIRCUMVENTION: 1. Split the multiple PFL executions into multiple job steps. 2. None. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 19875 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02516-D200 DESC(S878 WITH MULTIPLE PFL EXECUTIONS IN A SINGLE STEP). ++VER (Z038) FMID (CPUTK00) PRE (LU00248 LU03192 LU03323 LU03847 LU04427 LU04618 LU05305 LU05349 LU05535 LU06206 LU06366 LU06791 LU09133 S008072 S008380 S008429 S008586 S009978 S011521 S012529 S013098 S013767 S014773 S015740) SUP (LT09478 ST08364) ++IF FMID(CPFLK00) REQ(LU09477).

Service	Details
LU09483	LU09483 M.C.S. ENTRIES = ++PTF (LU09483) REWORK(2023080) The following items are included in this solution: 1. SECURITY OR INTEGRITY PROBLEM 2. DBM DS APPLY GLOBAL CHANGES TO ALL OBJECTS 3. DBM DS SECURE JDBC CONNECTIONS ===== 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 19944 ===== DBM DS APPLY GLOBAL CHANGES TO ALL OBJECTS ENHANCEMENT DESCRIPTION: The DEVOPS compare and deploy REST API endpoints have been enhanced to let you either apply global changes (change-sets) to both new and existing Db2 objects in the DDL (new behavior) or to apply global changes to only new objects. The DBM Data Service in the Database Management Solutions for Db2 was updated to include new JCL templates for compare and deploy processing that you can use to apply global changes to all objects through the endpoints or using change-sets in the DBM for Db2 Plugin for Zowe CLI. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: INS 19594 ===== DBM DS SECURE JDBC CONNECTIONS ENHANCEMENT DESCRIPTION: The DBM Data Service REST API component of the Database Management Solutions for Db2 for z/OS has been enhanced to support secure JDBC connections for the devops endpoints by default. To connect to Db2 subsystems using JDBC, you can configure the DBM Data Service to always use a secure connection or to use an unsecure connection when a secure connection is not available. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: INS 19667 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved

Service	Details
	R02517-D200 DESC (SECURITY OR INTEGRITY PROBLEM) . ++VER (Z038) FMID (CINSK00) PRE (LU00839 LU01610 LU02808 LU03703 LU04412 LU05967 LU07078 LU07558 LU08403 LU08743 S001396 S006978 S008825 S010061 S011373 S013484 S014401) SUP (AL02808 AL03629 AL03869 AL03955 AL04400 AL08403 LT03629 LT03869 LT03955 LT04400 LT05299 LT05361 LT09483 LU03629 LU03869 LU03955 LU04400 LU05361 S011679 ST11679) LINK('.. /PXM/ds/dbm-ds.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(PXMDSSMP,PRE) .

Service	Details
LU09484	LU09484 M.C.S. ENTRIES = ++PTF (LU09484) REWORK(2023087) UPDATE PRODUCT VERSION FOR ISV SCRT REPORTING ENHANCEMENT DESCRIPTION: The product version string in the ISV SCRT report now shows the current level set of the product. For example, instead of 20.0.00, the version string contains a value of 20.0.07. PRODUCT(S) AFFECTED: Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 19678 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02518-D200 DESC(UPDATE PRODUCT VERSION FOR ISV SCRT REPORTING). ++VER (Z038) FMID (CINSK00) PRE (LU04412 LU05520 R099553 S001396 S004455) SUP (LT03309 LT09484 LU03309)

Service	Details
LU09492	LU09492 M.C.S. ENTRIES = ++PTF (LU09492) REWORK(2023076) DETECTOR DATASHARING GROUP INTERVAL VIEW OPTION INCURS S0C4 PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) may incur a S0C4 abend when you attempt to view the DS group historical interval data when the view interval option is selected. SYMPTOMS: The following messages may be issued in the TSO address space: PXM0800 ABEND INCURRED/RETRY IN PROGRESS PXM0810 XMANAGER RECOVERY IN PROGRESS PXM0801 ABEND INCURRED/RETRY SUCCESSFUL IMPACT: Selecting the view interval option on the Detector DS Group Datastore Interval Display may result in a S0C4 abend. CIRCUMVENTION: Select member activity on the Detector DS Group Datastore Interval Display to view the interval data. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PXM 19749 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02520-D200 DESC(DETECTOR DATASHARING GROUP INTERVAL VIEW OPTION INCURS S0C4). ++VER (Z038) FMID (CINSK00) PRE (LU04412 LU06459 S012924 S013717 S014583) SUP (LT09492) ++HOLD (LU09492) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (23076) COMMENT (<pre> +-----+ Db2 Common Components Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** </pre> *****

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

Service	Details
LU09493	LU09493 M.C.S. ENTRIES = ++PTF (LU09493) REWORK(2023090) RC/MIGRATOR SYNTAX CHECKER INCORRECT FOR CREATE STOGROUP PROBLEM DESCRIPTION: The RC/Migrator for Db2 for z/OS (RCM) Syntax Checker may incorrectly check some CREATE STOGROUP SQL statements. SYMPTOMS: Some CREATE STOGROUP statements may check correctly, but when executed, Db2 throws some type of syntax error. For example: CREATE STOGROUP STGPEX VCAT ABC VOLUMES('*'); The correct syntax requires VOLUMES before VCAT. IMPACT: Results of the Syntax Checking are confusing to the customer. CIRCUMVENTION: None PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 19726 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02521-D200 DESC(RC/MIGRATOR SYNTAX CHECKER INCORRECT FOR CREATE STOGROUP). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04412 LU07268 LU08696 S007379 S009105 S012933 S014125 S014832 S015804) SUP (LT09493)

Service	Details
LU09506	LU09506 M.C.S. ENTRIES = ++PTF (LU09506) REWORK(2023079) BROWSING A TABLE WITH A VARBINARY COLUMN FAILS WITH A SOC7 PROBLEM DESCRIPTION: In CA RC/Update for DB2 for z/OS (RCU), browsing a table using distincttype for a varbinary column type ends with a SOC7 abend. SYMPTOMS: Table browse having VARBINARY column type fails with a following abend: IRX0250E System abend code 0C7, reason code 00000000. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. IMPACT: Table with VARBINARY column cannot be browsed using CA RC/Update. CIRCUMVENTION: None PRODUCT(S) AFFECTED: RC/Update for Db2 for z/OS Version 20.0 Related Problem: RCU 19819 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02522-D200 DESC(BROWSING A TABLE WITH A VARBINARY COLUMN FAILS WITH A SOC7). ++VER (Z038) FMID (CRCUK00) PRE (LU04432) SUP (LT09506)

Service	Details
LU09542	LU09542 M.C.S. ENTRIES = ++PTF (LU09542) REWORK(2023082) OFS IS GENERATING INCORRECT DDL FOR REMOTE SUBSYSTEM PROBLEM DESCRIPTION: The Object Framework Services (OFS) component of the Database Management Solutions for Db2 for z/OS is not generating valid DDL in RC/Query for Db2 for z/OS for the objects that are defined on a remote location. SYMPTOMS: The generated DDL does not contain any clauses that are supported in that remote location function level. For example, " NO KEY LABEL " is missing in the CREATE table DDL where it is expected to be. <pre>CREATE TABLE SAMVA02.NONTSTB (COL1 INTEGER WITH DEFAULT NULL) IN DSNDB04.NONTS APPEND NO NOT VOLATILE CARDINALITY DATA CAPTURE NONE AUDIT NONE CCSID EBCDIC; IMPACT: DDL generated is incorrect. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Related Problem: OFS 19796 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02524-D200</pre> DESC(OFS IS GENERATING INCORRECT DDL FOR REMOTE SUBSYSTEM) . ++VER (Z038) FMID (COFSK00) PRE (LU02280 LU03659 LU04085 LU04413 LU07688 R096577 R099554) SUP (LT09542 S008427 ST08427)

Version 20.0

Service	Details
LU09567	LU09567 M.C.S. ENTRIES = ++PTF (LU09567) REWORK(2023082) NEW CHANGES TO CORRECT THE PTF LU09346 PROBLEM DESCRIPTION: In the Database Managements Solutions for Db2 for z/OS, SMP/E install of the PTF LU09137 together with PTF LU09346 is failing because of the OFAFQ091 module was not included. SYMPTOMS: SMP/E install fails with the below error. <pre>>>GIM23911E ** LINK-EDIT PROCESSING FOR SYSMOD LU09137 FAILED FOR MODULE >> OFAFQ091 IN LMOD OFAFQ091 IN THE CDBALOAD >> >> LIBRARY. THE RETURN CODE (08) EXCEEDED THE ALLOWABLE >> VALUE. DATE 23.076 - TIME 11:58:43 - SEQUENCE NUMBER >> >> 000020 - SYSPRINT FILE SMP00030. >> And on SMP00030 this is the error I see for module OFAFQ091: >> >> IEW2456E 9207 SYMBOL >> largeIntegerObject__EI310FPARcParserDigraphFunSQLScalarFP19sOFPARDi >> OFOBJ_P170FOFScEnvironmentP150FOFScObjectSet UNRESOLVED. >> MEMBER COULD NOT BE INCLUDED FROM THE DESIGNATED >> CALL LIBRARY.</pre> IMPACT: PTF installation is not successful. CIRCUMVENTION: Install the PTF's independently. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: OFS 20000 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02526-D200 DESC(NEW CHANGES TO CORRECT THE PTF LU09346). ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU03315 LU03659 LU04085 LU04413 LU07688 LU08241 LU08697 LU09137 LU09346 LU09432 R096577 R099554 S001397 S004456 S006114 S006864 S012412 S015225 S015440) SUP (AL09346 LT08853 LT09567)

Service	Details
LU09573	LU09573 M.C.S. ENTRIES = ++PTF (LU09573) REWORK(2023082) DB2 13 QXST/QTST FIELDS SUPPORT PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) adds support for new Db2 13 fields to the STATS2/CURR-STATS2 (IFCID 2/1002) and ACCT/THREAD-STATS (IFCID 3/148) Db2 trace records. The following new Db2 13 fields were added to (002) STATS2 and (1002) CURR-STATS2: UNSUCC-AUTH-CHKS-PLNCACHE (QTAUCNOT) - Number of checks for the plan EXECUTE privilege that were unsuccessful because an applicable entry was not found in the plan authorization cache. OVWRT-AUTH-PLNCACHE (QTAUCOW1) - Number of times that DB2 overwrote an authorization ID in the plan authorization cache. The following new Db2 13 fields were added to (002) STATS2, (1002) CURR-STATS2, (003) ACCT and (148) THREAD-STATS: CURR-LOCK-TIMEOUT-APPL (QXSTTIMEOUTFROMAPPL) - Number of SQL SET CURRENT LOCK TIMEOUT statements executed. CURR-LOCK-TIMEOUT-PROFTAB (QXSTTIMEOUTFROMPROF) - Number of times that the CURRENT LOCK TIMEOUT special register was set from DSN_PROFILE_TABLE. The following reports were updated: BTACTSML, BTACTTRL, BTSTASM2, BTSTATR1, DSAISTD, DSQHIST, DSQSTATS, DSQTHD, HSBIND, HSSQL, HSUBIND, HSUSQL, HTSQL, HTUSQL, SQLCOUNT, SQLTOTAL and SYSBIND. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 18988 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02528-D200 DESC(DB2 13 QXST/QTST FIELDS SUPPORT). ++VER (Z038) FMID (CIDBK00) PRE (LU00282 LU00545 LU00697 LU01030 LU01166 LU01175 LU02033 LU02428 LU02516 LU02634 LU02646 LU03091 LU03286 LU03348 LU04097 LU04287 LU04374 LU04411 LU04498 LU04566 LU04803 LU05224 LU05497 LU05687 LU05749 LU05976 LU06045 LU06100 LU06188 LU06229 LU06285 LU06379 LU06419 LU06611 LU06687 LU08075 LU08274 LU08523 LU08986 LU09090 LU09412 R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010739 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014754 S015049 S015070 S015254 S015647 S016270 S016300) SUP (LT04818 LT06361 LT09573 LU04818 LU06361 S014357 ST14357)

Service	Details																														
LU09591	LU09591 M.C.S. ENTRIES = ++PTF (LU09591) REWORK(2023083) ADD AGENT FUNCTION TO REGISTER A PRODUCT FEATURE ENHANCEMENT DESCRIPTION: The Execution Manager Networking (Xnet) component of the Database Management Solutions for Db2 for z/OS has been enhanced to support feature registration for associated Xnet based services. PRODUCT(S) AFFECTED: XNET COMMUNICATIONS SERVER Version 20.0 Related Problem: PXN 19806 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02529-D200 DESC(ADD AGENT FUNCTION TO REGISTER A PRODUCT FEATURE). ++VER (Z038) FMID (CPXNK00) PRE (LU01992 LU04428 LU04855) SUP (LT09591) ++HOLD (LU09591) SYSTEM FMID(CPXNK00) REASON (DEP) DATE (23083) COMMENT (<table><tr><td colspan="2">XNET COMMUNICATIONS SERVER</td><td>Version 20.0</td></tr><tr><td>SEQUENCE</td><td colspan="2">Before Restart</td></tr><tr><td>PURPOSE</td><td colspan="2">Apply the required CCS fixes to support the Feature</td></tr><tr><td></td><td colspan="2">Registration Service</td></tr><tr><td>USERS</td><td colspan="2">All users</td></tr><tr><td>AFFECTED</td><td colspan="2"></td></tr><tr><td>KNOWLEDGE</td><td colspan="2">SMP/E</td></tr><tr><td>REQUIRED</td><td colspan="2"></td></tr><tr><td>ACCESS</td><td colspan="2">1. Access to CCS SMP/E environment</td></tr><tr><td>REQUIRED</td><td colspan="2">2. Ability to apply and deploy fixes</td></tr></table> ***** * STEPS TO PERFORM * ***** Review and implement the latest CCS PTFs that are listed in the following UPGRAD solution. This solution identifies the latest Feature Registration Service enhancements: https://support.broadcom.com/download-center/solution-detail.html?aparNo=LU04487&os=z%2FOS).	XNET COMMUNICATIONS SERVER		Version 20.0	SEQUENCE	Before Restart		PURPOSE	Apply the required CCS fixes to support the Feature			Registration Service		USERS	All users		AFFECTED			KNOWLEDGE	SMP/E		REQUIRED			ACCESS	1. Access to CCS SMP/E environment		REQUIRED	2. Ability to apply and deploy fixes	
XNET COMMUNICATIONS SERVER		Version 20.0																													
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REQUIRED																															
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REQUIRED	2. Ability to apply and deploy fixes																														

Service	Details										
LU09594	LU09594 M.C.S. ENTRIES = ++PTF (LU09594) REWORK(2023086) BP-LOOKUP PFU0146E FOLLOWED BY SA03/SOC4 ABEND PROBLEM DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) may abend with the SA03 or SOC4 abend code after message PFU0146E is printed. This problem can occur under the following conditions: - PFU runs with SHRLEVEL CHANGE,BP-LOOKUP - A very specific Db2 log contents caused by DML activity followed by a not logged utility (either LOAD REPLACE or REORG). After this PTF is applied, PFU prints the following message and ends with return code 4: PFU0416W - BP-LOOKUP PAGE NOT FOUND SYMPTOMS: The following message is printed in PTIMSGnn: PFU0146E - INTERNAL PROCESSING ERROR - PAGE NOT IN BUFFER-POOLS This is followed by either SA03 or SOC4 abends. IMPACT: The unload fails. CIRCUMVENTION: 1. Do not use the BP-LOOKUP option. 2. Create a system checkpoint on the SSID, or on all members in case of a data-sharing group. Then restart the PFU job. PFU will start reading the Db2 log after the problematic contents. PRODUCT(S) AFFECTED: Fast Unload for Db2 for z/OS Version 20.0 Related Problem: PFU 19988 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02530-D200 DESC(BP-LOOKUP PFU0146E FOLLOWED BY SA03/SOC4 ABEND). ++VER (Z038) FMID (CPFUK00) PRE (LU00137 LU00217 LU00281 LU00886 LU01939 LU02006 LU02470 LU02727 LU03265 LU03353 LU04418 LU04789 LU04868 LU05747 LU06397 LU06918 LU06975 LU08872 R099558 S000019 S001402 S001818 S004460 S005013 S006118 S006867 S008068 S008112 S008860 S009025 S010043 S011108 S011236 S011997 S012108 S012151 S013766 S013960 S014032 S014382 S014501 S014984 S016195) SUP (LT07180 LT07510 LT09325 LT09594 LU07180 LU09325) ++HOLD (LU09594) SYSTEM FMID(CPFUK00) REASON (MSGSKEL) DATE (23086) COMMENT (<table> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Relink XMESSAGES</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Db2 Tools Users</td></tr> </table>)	Fast Unload for Db2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Relink XMESSAGES	USERS		AFFECTED	All Db2 Tools Users
Fast Unload for Db2 for z/OS	Version 20.0										
SEQUENCE	After Apply										
PURPOSE	Relink XMESSAGES										
USERS											
AFFECTED	All Db2 Tools Users										

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

Service	Details
LU09614	LU09614 M.C.S. ENTRIES = ++PTF (LU09614) REWORK(2023088) PRA GENERATES INCOMPLETE STRATEGY WITH MISSING REBUILD INDEX PROBLEM DESCRIPTION: Recovery Analyzer for Db2 for z/OS(PRA) may generate incomplete strategy with missing REBUILD INDEX statements when the multi-job option is used. SYMPTOMS: One or more PRA-generated jobs will have no RECOVER or REBUILD statements. IMPACT: The generated recovery strategy is incomplete. CIRCUMVENTION: Use the single-job option. PRODUCT(S) AFFECTED: Recovery Analyzer for Db2 for z/OS Version 20.0 Related Problem: PRA 19953 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02532-D200 DESC(PRA GENERATES INCOMPLETE STRATEGY WITH MISSING REBUILD INDEX) . ++VER (Z038) FMID (CPRAK00) PRE (LU01181 LU03706 LU04421 LU06569 LU08037 R099561 S004463 S008922 S009714) SUP (LT09614)

Service	Details
LU09641	LU09641 M.C.S. ENTRIES = ++PTF (LU09641) REWORK(2023087) DETECTOR DSG KEY MEMBER SUMMARY SCREEN HAS DATA SHIFTED LEFT PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) screen, PDTF0512,DSG Key Member Summary has its data shifted 8 characters to the left. SYMPTOMS: After displaying screen PDTG0015 ---- DETECTOR DS Group Package/DBRM Summary Display, the PDTF0512 screen has its data shifted 8 characters. PDTF0512 ----- DETECTOR DSG Key Member Summary ----- COMMAND ==> SCROLL LINE OF 1 Group name ==> DSNDTGP Members ==> 3 Selected ==> 1 Userid ==> SYSVDEV Total/Avg ==> T Interval Date => 23/03/27 Interval Time => 10:37:45 Elapsed Time => ----- S -Plans, G -Programs, Q -Dynamic SQL, D -Detail, H -History SSID KEY COMMIT ABORT SQL TIMEPCT CPUPCT INDB2_TIME ----- VDEV < < 76 100.00% 100.00% 00:00.0 0572 > ***** BOTTOM OF DATA IMPACT: Screen display is garbled. CIRCUMVENTION: Go back to the interval summary screen and view PDTF0512 before PDTG0015. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 20057 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R02537-D200 DESC(DETECTOR DSG KEY MEMBER SUMMARY SCREEN HAS DATA SHIFTED LEFT). ++VER (Z038) FMID (CPDTK00) PRE (LU01982 LU02132 LU02271 LU04416 LU06415 LU08839 LU09119 R099556 S014860) SUP (LT09641) MCS LU08885 STARTS ON PAGE 0002 MCS LU09206 STARTS ON PAGE 0003 MCS LU09262 STARTS ON PAGE 0003 MCS LU09296 STARTS ON PAGE 0004 MCS LU09299 STARTS ON PAGE 0007 MCS LU09302 STARTS ON PAGE 0008 MCS LU09317 STARTS ON PAGE 0010 MCS LU09322 STARTS ON PAGE 0011 MCS LU09323 STARTS ON PAGE 0013 MCS LU09324 STARTS ON PAGE 0015 MCS LU09325 STARTS ON PAGE 0017 MCS LU09346 STARTS ON PAGE 0018 MCS LU09348 STARTS ON PAGE 0019 MCS LU09351 STARTS ON PAGE 0022 MCS LU09352 STARTS ON PAGE 0022

Service	Details		
	MCS	LU09368	STARTS ON PAGE 0027
	MCS	LU09369	STARTS ON PAGE 0029
	MCS	LU09378	STARTS ON PAGE 0030
	MCS	LU09392	STARTS ON PAGE 0031
	MCS	LU09401	STARTS ON PAGE 0032
	MCS	LU09402	STARTS ON PAGE 0033
	MCS	LU09409	STARTS ON PAGE 0034
	MCS	LU09411	STARTS ON PAGE 0035
	MCS	LU09412	STARTS ON PAGE 0036
	MCS	LU09413	STARTS ON PAGE 0039
	MCS	LU09421	STARTS ON PAGE 0040
	MCS	LU09432	STARTS ON PAGE 0041
	MCS	LU09433	STARTS ON PAGE 0042
	MCS	LU09434	STARTS ON PAGE 0043
	MCS	LU09437	STARTS ON PAGE 0045
	MCS	LU09439	STARTS ON PAGE 0047
	MCS	LU09442	STARTS ON PAGE 0049
	MCS	LU09443	STARTS ON PAGE 0050
	MCS	LU09444	STARTS ON PAGE 0050
	MCS	LU09445	STARTS ON PAGE 0051
	MCS	LU09449	STARTS ON PAGE 0052
	MCS	LU09452	STARTS ON PAGE 0053
	MCS	LU09472	STARTS ON PAGE 0053
	MCS	LU09477	STARTS ON PAGE 0054
	MCS	LU09478	STARTS ON PAGE 0057
	MCS	LU09483	STARTS ON PAGE 0057
	MCS	LU09484	STARTS ON PAGE 0060
	MCS	LU09492	STARTS ON PAGE 0060
	MCS	LU09493	STARTS ON PAGE 0062
	MCS	LU09506	STARTS ON PAGE 0063
	MCS	LU09542	STARTS ON PAGE 0063
	MCS	LU09567	STARTS ON PAGE 0064
	MCS	LU09573	STARTS ON PAGE 0066
	MCS	LU09591	STARTS ON PAGE 0067
	MCS	LU09594	STARTS ON PAGE 0069
	MCS	LU09614	STARTS ON PAGE 0070
	MCS	LU09641	STARTS ON PAGE 0071

Database Management Solutions for Db2 for z/OS 20.0
CA RS 2304 Product/Component Listing

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

The CA RS 2304 Product/Component Count for this release is 26

CA RS Level	Service	FMID
CAR2304	LU09641	CPDTK00
	LU09614	CPRAK00
	LU09594	CPFUK00
	LU09591	CPXNK00
	LU09573	CIDBK00
	LU09567	COFSK00
	LU09542	COFSK00
	LU09506	CRCUK00
	LU09493	CINSK00
	LU09492	CINSK00
	LU09484	CINSK00
	LU09483	CINSK00
	LU09478	CPUTK00
	LU09477	CPFLK00
	LU09472	CPLAK00
	LU09452	CIDBK00
	LU09449	CPSAK00
	LU09445	CPUTK00
	LU09444	CPRRK00
	LU09443	CPFUK00
	LU09442	CPFLK00
	LU09439	CINSK00
	LU09437	CPDTK00
	LU09434	CPDTK00
	LU09433	COFSK00
	LU09432	COFSK00
	LU09421	CINSK00
	LU09413	CPDTK00
	LU09412	CIDBK00
	LU09411	CUGRK00
	LU09409	CPUTK00
	LU09402	CUGRK00
	LU09401	CUGRK00
	LU09392	CPDTK00
	LU09378	CPFLK00
	LU09369	CPFLK00
	LU09368	CPRRK00
	LU09352	CPDAK00
	LU09351	CINSK00
	LU09348	CPDTK00
	LU09346	COFSK00
	LU09325	CPFUK00
	LU09324	CINSK00
	LU09323	CPLAK00
	LU09322	CINSK00
	LU09317	CIDBK00
	LU09302	CUGRK00

CA RS Level	Service	FMID
	LU09299	CUGRK00
	LU09296	CINSK00
	LU09262	CIDBK00
	LU09206	CRCCK00
	LU08885	CPPAK00
CAR2303	LU09280	CINSK00
	LU09279	CPLAK00
	LU09276	CSQ2100
	LU09264	CINSK00
	LU09222	CINSK00
	LU09208	CRCUK00
	LU09207	CINSK00
	LU09205	CINSK00
	LU09202	CINSK00
	LU09178	CINSK00
	LU09171	CPDAK00
	LU09170	CINSK00
	LU09168	CUGRK00
	LU09167	CPRFK02
	LU09166	CPRFK01
	LU09165	CPRFK00
	LU09159	CIDBK00
	LU09153	CINSK00
	LU09151	CINSK00
	LU09140	CINSK00
	LU09139	CRCXK00
	LU09138	CPLAK00
	LU09137	COFSK00
	LU09136	CINSK00
	LU09133	CPUTK00
	LU09132	CPFLK00
	LU09127	CINSK00
	LU09120	CPSAK00
	LU09119	CPDTK00
	LU09118	CINSK00
	LU09092	CIDBK00
	LU09090	CIDBK00
	LU09088	CUGRK00
	LU09087	CPUTK00
	LU09086	CINSK00
	LU09049	CPDTK00
	LU09043	CINSK00
	LU09027	CINSK00
	LU09010	CPLAK00
	LU09009	CINSK00
	LU09003	CPDTK00
	LU08986	CIDBK00

CA RS Level	Service	FMID
	LU08981	CINSK00
	LU08976	CINSK00
	LU08964	CINSK00
	LU08956	CINSK00
	LU08873	CPUTK00
	LU08872	CPFUK00
CAR2302	LU08864	CPSAK00
	LU08863	CPDTK00
	LU08862	CINSK00
	LU08861	CIDBK00
	LU08852	CPDTK00
	LU08848	CPLAK00
	LU08840	CPSAK00
	LU08839	CPDTK00
	LU08838	CINSK00
	LU08828	CPFLK00
	LU08822	CINSK00
	LU08820	CPSAK00
	LU08819	CINSK00
	LU08817	CPDTK00
	LU08816	CINSK00
	LU08797	CPFLK00
	LU08796	CINSK00
	LU08791	CUGRK00
	LU08749	CPRFK02
	LU08746	CUGRK00
	LU08743	CINSK00
	LU08739	CPUTK00
	LU08738	CPDAK00
	LU08737	CINSK00
	LU08726	CPLAK00
	LU08722	CINSK00
	LU08699	CRCUK00
	LU08698	CRCMK00
	LU08697	COFSK00
	LU08696	CINSK00
	LU08694	CINSK00
	LU08675	CPUTK00
	LU08674	CPDAK00
	LU08673	CINSK00
	LU08671	CUGRK00
	LU08637	CPLAK00
	LU08636	COFSK00
	LU08621	CUGRK00
	LU08618	CUGRK00
	LU08600	CPSAK00
	LU08599	CINSK00

CA RS Level	Service	FMID
	LU08556	CPUTK00
	LU08555	CPDAK00
	LU08554	CINSK00
	LU08535	CINSK00
	LU08408	CINSK00
	LU08289	CPDAK00
	LU08288	CINSK00
	LU08285	CUGRK00
	LU08284	CPUTK00
	LU08283	CPFLK00
CAR2301	LU08613	CPLAK00
	LU08583	CPLAK00
	LU08575	CINSK00
	LU08567	CPLAK00
	LU08553	CUGRK00
	LU08552	CPUTK00
	LU08551	CPRRK00
	LU08550	CPFLK00
	LU08549	CINSK00
	LU08532	CPDTK00
	LU08523	CIDBK00
	LU08509	CINSK00
	LU08508	CRCMK00
	LU08507	CINSK00
	LU08471	CINSK00
	LU08444	CIDBK00
	LU08441	CINSK00
	LU08410	CPFUK00
	LU08409	CUGRK00
	LU08403	CINSK00
	LU08392	CINSK00
	LU08383	CPFUK00
	LU08369	CPDTK00
	LU08328	CIDBK00
	LU08320	CIDBK00
	LU08318	CIDBK00
	LU08297	CPDAK00
	LU08293	CUGRK00
	LU08238	CINSK00
CAR2212	LU08311	CINSK00
	LU08296	CPFLK00
	LU08274	CIDBK00
	LU08255	CPFUK00
	LU08254	CPFUK00
	LU08242	CPUTK00
	LU08241	COFSK00
	LU08232	CIDBK00

CA RS Level	Service	FMID
	LU08211	CUGRK00
	LU08206	CPDTK00
	LU08184	CINSK00
	LU08183	CAHOK00
	LU08126	CPDAK00
	LU08125	CINSK00
	LU08108	CRCXK00
	LU08107	CPFUK00
	LU08106	CINSK00
	LU08101	CINSK00
	LU08097	COFSK00
	LU08087	CPLAK00
	LU08086	CINSK00
	LU08084	CINSK00
	LU08077	CINSK00
	LU08075	CIDBK00
	LU08064	CRCXK00
	LU08063	CRCUK00
	LU08062	CRCSK00
	LU08061	CPUTK00
	LU08060	CPSAK00
	LU08059	CPRFK00
	LU08058	CPRAK00
	LU08057	CPPAK00
	LU08056	CPLAK00
	LU08055	CPFUK00
	LU08054	CPDTK00
	LU08053	CPDAK00
	LU08052	CPBAK00
	LU08051	CINSK00
	LU08050	CIDBK00
	LU08049	CAHOK00
	LU08045	CUGRK00
	LU08044	CRCXK00
	LU08043	CRCUK00
	LU08042	CRCSK00
	LU08041	CRCQK00
	LU08039	CPUTK00
	LU08037	CPRAK00
	LU08036	CPPAK00
	LU08035	CPLAK00
	LU08032	CPDAK00
	LU08031	COFSK00
	LU08030	CINSK00
	LU07996	CPDAK00
	LU07976	CPUTK00
	LU07975	CPFLK00

CA RS Level	Service	FMID
	LU07954	CINSK00
	LU07931	COFSK00
	LU07878	CPDTK00
	LU07844	CPFUK00
	LU07836	CINSK00
	LU07835	CIDBK00
	LU07826	CPUTK00
	LU07825	CINSK00
	LU07824	CPLAK00
	LU07816	CIDBK00
	LU07815	CIDBK00
	LU07810	CINSK00
	LU07771	CUGRK00
CAR2211	LU07855	CINSK00
	LU07809	CPDTK00
	LU07797	CINSK00
	LU07779	CRCQK00
	LU07753	CIDBK00
	LU07744	CINSK00
	LU07743	CINSK00
	LU07734	CUGRK00
	LU07723	CPSAK00
	LU07722	CPDTK00
	LU07721	CINSK00
	LU07716	CIDBK00
	LU07714	CPFLK00
	LU07697	CIDBK00
	LU07688	COFSK00
	LU07687	CINSK00
	LU07679	CINSK00
	LU07668	CPLAK00
	LU07662	CINSK00
	LU07657	CPRFK02
	LU07654	CPRRK00
	LU07636	CIDBK00
	LU07635	CRCUK00
	LU07629	CINSK00
	LU07621	CPUTK00
	LU07620	CPRRK00
	LU07619	CPFUK00
	LU07618	CPFLK00
	LU07608	CINSK00
	LU07604	CINSK00
	LU07569	CINSK00
	LU07565	CPDAK00
	LU07564	CINSK00
	LU07563	CUGRK00

CA RS Level	Service	FMID
	LU07561	CPLAK00
	LU07559	CINSK00
	LU07558	CINSK00
	LU07544	CINSK00
	LU07524	CPDTK00
	LU07523	CINSK00
	LU07515	CPFUK00
	LU07504	CINSK00
	LU07499	CRCQK00
	LU07498	CINSK00
	LU07493	CINSK00
	LU07462	CPUTK00
	LU07461	CPFLK00
	LU07460	CINSK00
	LU07407	CINSK00
	LU07406	CIDBK00
	LU07329	CIDBK00
CAR2210	LU07488	CPDTK00
	LU07486	CPDAK00
	LU07484	CPUTK00
	LU07483	CPFLK00
	LU07459	COFSK00
	LU07436	CINSK00
	LU07418	CINSK00
	LU07416	CPDTK00
	LU07415	CPRFK02
	LU07388	CUGRK00
	LU07375	CPLAK00
	LU07373	CUGRK00
	LU07372	CINSK00
	LU07359	CINSK00
	LU07346	CINSK00
	LU07315	CINSK00
	LU07311	CUGRK00
	LU07278	CRCQK00
	LU07272	CRCXK00
	LU07271	CRCUK00
	LU07270	CRCMK00
	LU07269	CPFUK00
	LU07268	CINSK00
	LU07265	CUGRK00
	LU07264	CPFLK00
	LU07262	CIDBK00
	LU07257	COFSK00
	LU07254	CINSK00
	LU07248	CINSK00
	LU07235	CINSK00

CA RS Level	Service	FMID
	LU07221	CPDAK00
	LU07209	CRCXK00
	LU07208	CRCUK00
	LU07207	CRC SK00
	LU07206	CRCQK00
	LU07205	CRCMK00
	LU07204	CINSK00
	LU07203	CAHOK00
	LU07187	CINSK00
	LU07183	CPLAK00
	LU07181	CIDBK00
	LU07180	CPFUK00
	LU07168	CUGRK00
	LU07149	CIDBK00
	LU07146	CIDBK00
	LU07096	COFSK00
	LU07078	CINSK00
	LU07065	CPLAK00
	LU07004	CPDAK00
	LU06826	CPUTK00
CAR2209	S016260	CPRFK02
	S016259	CPRFK01
	S016167	CPRFK02
	S016166	CPRFK01
	S016151	CPRFK02
	S016150	CPRFK01
	S015777	CPRFK02
	S015776	CPRFK01
	S014406	CPRFK02
	S014405	CPRFK01
	S014337	CIDBK00
	S013732	CPRFK02
	S013731	CPRFK01
	LU07110	CIDBK00
	LU07100	CPDTK00
	LU07094	CPRFK02
	LU07093	CPRFK01
	LU07092	CPRFK00
	LU07077	CINSK00
	LU07070	CINSK00
	LU07067	CRCXK00
	LU07047	CIDBK00
	LU07005	CIDBK00
	LU06991	CPRFK02
	LU06990	CPRFK01
	LU06989	CPRFK00
	LU06976	CPUTK00

CA RS Level	Service	FMID
	LU06975	CPFUK00
	LU06965	CIDBK00
	LU06960	CIDBK00
	LU06936	CINSK00
	LU06928	CPDTK00
	LU06921	CINSK00
	LU06920	CRCUK00
	LU06919	CRCQK00
	LU06918	CPFUK00
	LU06914	COFSK00
	LU06913	CINSK00
	LU06910	CINSK00
	LU06887	CINSK00
	LU06866	CIDBK00
	LU06863	CPRAK00
	LU06862	CUGRK00
	LU06858	CUGRK00
	LU06854	CPDAK00
	LU06842	CIDBK00
	LU06839	CPRFK00
	LU06836	CPLAK00
	LU06792	CINSK00
	LU06791	CPUTK00
	LU06790	CPFUK00
	LU06789	CPFLK00
	LU06753	CRCXK00
	LU06752	CRCUK00
	LU06751	CRCSK00
	LU06750	CRCQK00
	LU06747	CRCMK00
	LU06746	CAHOK00
	LU06744	CPDTK00
	LU06709	CPRFK02
	LU06708	CPRFK01
	LU06688	CINSK00
	LU06687	CIDBK00
	LU06649	CTGRK00
	LU06503	CIDBK00
	LU05683	CPRFK02
	LU05682	CPRFK01
	LU05171	CPRFK02
	LU05170	CPRFK01
	LU04424	CPRFK02
	LU04423	CPRFK01
	LU04410	CEU9K00
	LU04379	CPRFK02
	LU04353	CEU9K00

CA RS Level	Service	FMID
	LU01976	CEU9K00
	LU01323	CPRFK02
	LU01322	CPRFK01
	LU01104	CPRFK02
	LU01103	CPRFK01
	LU00583	CPRFK02
	LU00582	CPRFK01
	LU00252	CPRFK02
	LU00251	CPRFK01
CAR2208	LU06761	CPDAK00
	LU06755	CINSK00
	LU06707	CPRFK00
	LU06699	CPFUK00
	LU06694	CPDTK00
	LU06684	CPPAK00
	LU06683	CPSAK00
	LU06680	CINSK00
	LU06662	CPFUK00
	LU06661	CPLAK00
	LU06635	CINSK00
	LU06632	CRCXK00
	LU06631	CPLAK00
	LU06630	COFSK00
	LU06629	CINSK00
	LU06625	CINSK00
	LU06611	CIDBK00
	LU06606	CINSK00
	LU06601	CINSK00
	LU06596	CPDTK00
	LU06591	CPUTK00
	LU06590	CPFLK00
	LU06584	CPDAK00
	LU06577	CRCUK00
	LU06576	CINSK00
	LU06570	CUGRK00
	LU06569	CPRAK00
	LU06568	CINSK00
	LU06553	CIDBK00
	LU06547	CIDBK00
	LU06546	CPLAK00
	LU06541	CINSK00
	LU06526	CUGRK00
	LU06525	CPRAK00
	LU06524	CPLAK00
	LU06515	CUGRK00
	LU06511	CIDBK00
	LU06508	CINSK00

CA RS Level	Service	FMID
	LU06505	CPDTK00
	LU06460	CPDTK00
	LU06459	CINSK00
	LU06433	CPLAK00
	LU06432	CPRAK00
	LU06430	CINSK00
	LU06423	CUGRK00
	LU06418	CPFUK00
	LU06414	CRCUK00
	LU06413	CRCQK00
	LU06412	CINSK00
	LU06401	CUGRK00
	LU06400	CPRAK00
	LU06399	CPLAK00
	LU06398	CINSK00
	LU06397	CPFUK00
	LU06394	CPDAK00
	LU06366	CPUTK00
	LU06365	CPFLK00
	LU06364	CINSK00
	LU06280	CPLAK00
CAR2207	LU06419	CIDBK00
	LU06415	CPDTK00
	LU06407	CINSK00
	LU06379	CIDBK00
	LU06361	CIDBK00
	LU06357	CSQ2100
	LU06348	CINSK00
	LU06321	CINSK00
	LU06311	CTGRK00
	LU06310	CRCUK00
	LU06309	CINSK00
	LU06307	CPDAK00
	LU06305	CPFUK00
	LU06304	CPFLK00
	LU06302	CRCQK00
	LU06301	CPDAK00
	LU06300	CINSK00
	LU06299	CPUTK00
	LU06298	CINSK00
	LU06297	CINSK00
	LU06292	CINSK00
	LU06291	CPDTK00
	LU06289	CPUTK00
	LU06285	CIDBK00
	LU06284	CPFUK00
	LU06278	COFSK00

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	LU06073	CINSK00
	LU06050	CPUTK00
	LU06049	CPSAK00
	LU06048	CPDTK00
	LU06047	COFSK00
	LU06046	CINSK00
	LU06045	CIDBK00
	LU06034	CUGRK00
	LU06033	CIDBK00
	LU06000	CUGRK00
	LU05999	CIDBK00
	LU05998	CPDTK00
	LU05997	CINSK00
	LU05995	CINSK00
	LU05994	CIDBK00
	LU05993	CINSK00
	LU05987	CRCXK00
	LU05984	CPPAK00
	LU05976	CIDBK00
	LU05973	CPLAK00
	LU05971	CINSK00
	LU05967	CINSK00
	LU05954	CPLAK00
	LU05931	CINSK00
	LU05913	CUGRK00
	LU05900	CUGRK00
	LU05889	CRCXK00
	LU05888	CRCUK00
	LU05887	CPFUK00
	LU05886	CINSK00
	LU05884	CPUTK00
	LU05883	CPFLK00
	LU05881	CPFUK00
	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	CRCISK00

CA RS Level	Service	FMID
	LU05823	CPDTK00
	LU05816	CUGRK00
	LU05806	COFSK00
	LU05798	CINSK00
	LU05797	CRCQK00
	LU05796	CPDTK00
	LU05794	CINSK00
	LU05790	CINSK00
	LU05788	CIDBK00
	LU05775	CINSK00
	LU05767	CIDBK00
	LU05764	CINSK00
	LU05761	CPSAK00
	LU05749	CIDBK00
	LU05747	CPFUK00
	LU05739	CINSK00
	LU05734	CPLAK00
	LU05732	CPRAK00
	LU05717	CINSK00
	LU05701	CINSK00
	LU05685	CIDBK00
	LU05635	CRCXK00
	LU05634	CRCUK00
	LU05633	CRC SK00
	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

CA RS Level	Service	FMID
	LU05535	CPUTK00
	LU05534	CPFLK00
	LU05530	CPDTK00
	LU05528	COFSK00
	LU05520	CINSK00
	LU05515	CPSAK00
	LU05511	CINSK00
	LU05505	CRCQK00
	LU05503	CPDTK00
	LU05497	CIDBK00
	LU05496	CPLAK00
	LU05495	CPDAK00
	LU05464	CIDBK00
	LU05461	CPSAK00
	LU05457	CPFLK00
	LU05423	CPUTK00
	LU05422	CUGRK00
	LU05408	CRCQK00
	LU05407	CINSK00
	LU05401	CINSK00
	LU05397	CPFUK00
	LU05396	CINSK00
	LU05387	CUGRK00
	LU05382	CINSK00
	LU05377	CAHOK00
	LU05367	CINSK00
	LU05366	CINSK00
	LU05364	CINSK00
	LU05361	CINSK00
	LU05359	CINSK00
	LU05352	CPLAK00
	LU05350	CUGRK00
	LU05349	CPUTK00
	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

CA RS Level	Service	FMID
	LU05155	CPLAK00
CAR2204	LU05278	CINSK00
	LU05277	CRCQK00
	LU05276	CINSK00
	LU05265	CPDTK00
	LU05243	CINSK00
	LU05242	CINSK00
	LU05224	CIDBK00
	LU05211	CIDBK00
	LU05210	CUGRK00
	LU05209	CPUTK00
	LU05208	CPRRK00
	LU05207	CPFLK00
	LU05206	CINSK00
	LU05177	CRCUK00
	LU05176	CRCQK00
	LU05175	CINSK00
	LU05169	CPRFK00
	LU05156	CINSK00
	LU05152	CPDTK00
	LU05142	CINSK00
	LU05140	CPRAK00
	LU05127	CPDTK00
	LU05118	CRCUK00
	LU05117	CPUTK00
	LU05116	CPPAK00
	LU05115	CPLAK00
	LU05114	CPFUK00
	LU05113	CPDTK00
	LU05112	CPDAK00
	LU05111	CINSK00
	LU05110	CSQ2100
	LU05109	CINSK00
	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

CA RS Level	Service	FMID
	LU05032	CIDBK00
	LU05031	CINSK00
	LU05025	CPDTK00
	LU05019	CPLAK00
	LU05006	CIDBK00
	LU04990	CPUTK00
	LU04989	CPDAK00
	LU04988	CINSK00
	LU04982	CPUTK00
	LU04981	CPFUK00
	LU04980	CPFLK00
	LU04966	CUGRK00
	LU04965	CPRRK00
	LU04962	CUGRK00
	LU04961	CUGRK00
	LU04960	CINSK00
	LU04953	CRCSK00
	LU04952	CRCQK00
	LU04951	CRCMK00
	LU04950	CINSK00
	LU04949	CAHOK00
	LU04945	CINSK00
	LU04932	CRCUK00
	LU04931	CRCMK00
	LU04930	CINSK00
	LU04919	CIDBK00
	LU04908	CINSK00
	LU04896	CINSK00
	LU04875	CRCMK00
	LU04874	CINSK00
	LU04813	CINSK00
	LU04797	CPPAK00
	LU04103	CUGRK00
	LU04102	CPLAK00
CAR2203	LU04880	CPRAK00
	LU04870	CUGRK00
	LU04869	CPUTK00
	LU04868	CPFUK00
	LU04857	CINSK00
	LU04855	CPXNK00
	LU04842	CPLAK00
	LU04834	CRCQK00
	LU04818	CIDBK00
	LU04803	CIDBK00
	LU04795	CPDTK00
	LU04789	CPFUK00
	LU04788	CPLAK00

CA RS Level	Service	FMID
	LU04746	CINSK00
	LU04733	CPSAK00
	LU04732	CUGRK00
	LU04675	CPFUK00
	LU04657	CRCQK00
	LU04656	CINSK00
	LU04654	CINSK00
	LU04653	CPSAK00
	LU04637	CPRRK00
	LU04636	CUGRK00
	LU04621	CINSK00
	LU04619	CUGRK00
	LU04618	CPUTK00
	LU04616	CPFLK00
	LU04586	CPDTK00
	LU04573	CINSK00
	LU04566	CIDBK00
	LU04562	CPLAK00
	LU04561	CSQ2100
	LU04530	CRCQK00
	LU04529	CINSK00
	LU04498	CIDBK00
	LU04493	CINSK00
	LU04490	CPDTK00
	LU04489	CRCMK00
	LU04488	CINSK00
	LU04486	CPPAK00
	LU04485	CPBAK00
	LU04484	CINSK00
	LU04483	CINSK00
	LU04464	CRCMK00
	LU04463	CINSK00
	LU04459	CINSK00
	LU04458	CINSK00
	LU04452	CINSK00
	LU04444	COFSK00
	LU04370	CUGRK00
	LU04369	CINSK00
CAR2202	LU04462	CSQ2100
	LU04443	CINSK00
	LU04436	CUTSK00
	LU04435	CUGRK00
	LU04434	CTGRK00
	LU04433	CRCXK00
	LU04432	CRCUK00
	LU04431	CRCSK00
	LU04430	CRCQK00

CA RS Level	Service	FMID
	LU04429	CRCMK00
	LU04428	CPXNK00
	LU04427	CPUTK00
	LU04426	CPSAK00
	LU04425	CPRRK00
	LU04422	CPRFK00
	LU04421	CPRAK00
	LU04420	CPPAK00
	LU04419	CPLAK00
	LU04418	CPFUK00
	LU04417	CPFLK00
	LU04416	CPDTK00
	LU04415	CPDAK00
	LU04414	CPBAK00
	LU04413	COFSK00
	LU04412	CINSK00
	LU04411	CIDBK00
	LU04409	CAHOK00
	LU04405	CINSK00
	LU04400	CINSK00
	LU04399	CINSK00
	LU04376	CINSK00
	LU04374	CIDBK00
	LU04371	CIDBK00
	LU04358	CTGRK00
	LU04357	CPSAK00
	LU04356	CPDTK00
	LU04355	CINSK00
	LU04354	CIDBK00
	LU04339	CPDTK00
	LU04287	CIDBK00
	LU04282	CIDBK00
	LU04264	CINSK00
	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

CA RS Level	Service	FMID
	LU04161	CPUTK00
	LU04160	CPFUK00
	LU04159	CPFLK00
	LU04151	CRCXK00
	LU04150	CRCUK00
	LU04149	CINSK00
	LU04146	CINSK00
	LU04136	CINSK00
	LU04123	CPUTK00
	LU04122	CPDAK00
	LU04121	CINSK00
	LU04100	CIDBK00
	LU04097	CIDBK00
	LU04085	COFSK00
	LU04084	CINSK00
	LU04082	CINSK00
	LU04006	CINSK00
	LU04004	CPLAK00
	LU03822	CPPAK00
	LU02151	CINSK00
CAR2201	LU04094	CINSK00
	LU04027	CIDBK00
	LU04026	CIDBK00
	LU04015	CPDTK00
	LU03998	CPDTK00
	LU03997	CINSK00
	LU03961	CINSK00
	LU03955	CINSK00
	LU03954	CIDBK00
	LU03953	CINSK00
	LU03952	CINSK00
	LU03935	CRCQK00
	LU03929	CIDBK00
	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

CA RS Level	Service	FMID
	LU03838	CINSK00
	LU03827	CPFUK00
	LU03814	CPDAK00
	LU03813	CINSK00
	LU03809	CPDTK00
	LU03808	CINSK00
	LU03789	CINSK00
	LU03788	CINSK00
	LU03762	CPDAK00
	LU03761	CINSK00
	LU03760	CSQ2100
	LU03759	CUGRK00
	LU03749	CPLAK00
	LU03742	CPFLK00
	LU03735	CUGRK00
	LU03734	CPUTK00
	LU03733	CPRRK00
	LU03732	CPFUK00
	LU03731	CPLAK00
	LU03712	CINSK00
	LU03710	CPDTK00
	LU03709	CINSK00
	LU03706	CPRAK00
	LU03703	CINSK00
	LU03691	CINSK00
	LU03686	CPUTK00
	LU03685	CPRRK00
	LU03684	CPFLK00
	LU03664	CRCXK00
	LU03663	CRCUK00
	LU03662	CRCQK00
	LU03661	CRCMK00
	LU03660	CPLAK00
	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

CA RS Level	Service	FMID
	LU03519	CPUTK00
	LU03500	CPLAK00
	LU03492	CPLAK00
	LU03463	CINSK00
	LU03461	CPDTK00
	LU03455	CIDBK00
	LU03453	CIDBK00
	LU03443	CUGRK00
	LU03437	CRCUK00
	LU03435	CIDBK00
	LU03417	CINSK00
	LU03406	CPDTK00
	LU03401	CPUTK00
	LU03400	CPRRK00
	LU03399	CPFLK00
	LU03391	CINSK00
	LU03386	CPDTK00
	LU03384	CPFUK00
	LU03367	CINSK00
	LU03353	CPFUK00
	LU03348	CIDBK00
	LU03344	CUGRK00
	LU03338	CPPAK00
	LU03337	CINSK00
	LU03326	CUGRK00
	LU03324	CUGRK00
	LU03323	CPUTK00
	LU03318	CRCXK00
	LU03317	CRCQK00
	LU03316	CPLAK00
	LU03315	COFSK00
	LU03314	CINSK00
	LU03309	CINSK00
	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

CA RS Level	Service	FMID
	LU03232	CPFUK00
	LU03231	CPFLK00
	LU03228	CPLAK00
	LU03221	CINSK00
	LU03220	CRCQK00
	LU03214	CUGRK00
	LU03213	CPUTK00
	LU03212	CPRRK00
	LU03211	CPFUK00
	LU03210	CPFLK00
	LU03209	CINSK00
	LU03195	CIDBK00
	LU03192	CPUTK00
	LU03191	CPFLK00
	LU03190	CINSK00
	LU03187	CPUTK00
	LU03186	CUGRK00
	LU03162	CIDBK00
	LU03152	CPDAK00
	LU03146	CIDBK00
	LU03142	CINSK00
	LU03116	CPSAK00
	LU03101	CPBAK00
	LU03093	CPDTK00
	LU03091	CIDBK00
	LU03073	CUGRK00
	LU03035	CPDAK00
	LU03034	CPRRK00
	LU03033	CPUTK00
	LU03032	CPFUK00
	LU03023	CIDBK00
	LU03018	CPDTK00
	LU02985	CIDBK00
	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

CA RS Level	Service	FMID
	LU02813	CINSK00
	LU02808	CINSK00
	LU02800	CIDBK00
	LU02796	CPDTK00
	LU02785	CPDAK00
	LU02767	CPLAK00
	LU02762	CUGRK00
	LU02708	CIDBK00
	LU02706	CPDTK00
	LU02665	CRCQK00
	LU02661	CINSK00
	LU02646	CIDBK00
	LU02642	CIDBK00
	LU02641	CPFLK00
	LU02634	CIDBK00
	LU02633	COFSK00
	LU02614	CINSK00
	LU02609	CINSK00
	LU02597	CRCQK00
	LU02577	CPBAK00
	LU02516	CIDBK00
	LU02489	CINSK00
	LU02472	CINSK00
	LU02471	CINSK00
	LU02280	COFSK00
	LU02279	CINSK00
CAR2109	LU02564	CRCQK00
	LU02554	CPDTK00
	LU02529	CUGRK00
	LU02524	CPDTK00
	LU02493	CPPAK00
	LU02492	CINSK00
	LU02485	CPFLK00
	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

CA RS Level	Service	FMID
	LU02345	CINSK00
	LU02340	CIDBK00
	LU02335	CPFUK00
	LU02325	CIDBK00
	LU02307	CUGRK00
	LU02303	CIDBK00
	LU02290	CPDTK00
	LU02286	CPDTK00
	LU02271	CPDTK00
	LU02258	CPFLK00
	LU02243	CPFLK00
	LU02242	CINSK00
	LU02231	CPUTK00
	LU02230	CPLAK00
	LU02229	CINSK00
	LU02212	CINSK00
	LU02166	CINSK00
	LU02119	CTGRK00
	LU02118	CIDBK00
	LU02116	CINSK00
	LU02095	CPDAK00
CAR2108	LU02220	CPDTK00
	LU02213	CPLAK00
	LU02211	CRCUK00
	LU02197	CINSK00
	LU02164	CINSK00
	LU02143	CUTSK00
	LU02142	CIDBK00
	LU02133	CPSAK00
	LU02132	CPDTK00
	LU02131	CINSK00
	LU02124	CINSK00
	LU02117	CINSK00
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	LU01837	CINSK00
	LU01829	CIDBK00
	LU01799	CPDTK00
	LU01760	CINSK00
	LU01757	CINSK00
	LU01750	CIDBK00
	LU01732	CPSAK00
	LU01727	CPFUK00
	LU01720	CPFLK00
	LU01717	CUGRK00
	LU01706	CRCQK00
	LU01705	CINSK00
	LU01696	CINSK00
	LU01695	CPRAK00
	LU01694	CINSK00
	LU01683	CINSK00
	LU01673	CINSK00
	LU01666	CIDBK00
	LU01648	CINSK00
	LU01626	CPDAK00
	LU01625	CINSK00
	LU01610	CINSK00
	LU01581	CIDBK00
	LU01575	CINSK00
	LU01556	CIDBK00
	LU01551	CPPAK00
	LU01550	CINSK00
	LU01543	CPSAK00
	LU01542	CPDTK00
	LU01541	CIDBK00
	LU01538	CPLAK00
	LU01534	CUGRK00
	LU01526	CINSK00
	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

CA RS Level	Service	FMID
	LU01384	CINSK00
	LU01380	CPUTK00
	LU01379	CPFLK00
	LU01378	CINSK00
	LU01376	CINSK00
	LU01367	CINSK00
	LU01352	CPUTK00
	LU01351	CPRRK00
	LU01350	CPFUK00
	LU01349	CPFLK00
	LU01338	CPDAK00
	LU01330	CRCQK00
	LU01321	CPRFK00
	LU01311	CPFUK00
	LU01293	CIDBK00
	LU01292	CUGRK00
	LU01291	CPUTK00
	LU01286	CINSK00
	LU01275	CINSK00
	LU01265	CINSK00
	LU01222	COFSK00
	LU01215	CPDTK00
	LU01208	CRCQK00
	LU01182	CUGRK00
	LU01181	CPRAK00
	LU01180	CPLAK00
	LU01179	COFSK00
	LU01178	CINSK00
	LU01175	CIDBK00
	LU01166	CIDBK00
	LU01165	CPFUK00
	LU01164	CIDBK00
	LU01151	CINSK00
	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

CA RS Level	Service	FMID
	LU01056	CINSK00
	LU01053	COFSK00
	LU01042	CIDBK00
	LU01041	CIDBK00
	LU01040	CPLAK00
	LU01039	CINSK00
	LU01035	CIDBK00
	LU01030	CIDBK00
	LU01002	CPDTK00
	LU00989	CINSK00
	LU00982	CIDBK00
	LU00973	CUGRK00
	LU00968	CINSK00
	LU00964	CIDBK00
	LU00940	CPLAK00
	LU00938	CPDTK00
	LU00937	CINSK00
	LU00925	CINSK00
	LU00923	CPUTK00
	LU00921	CINSK00
	LU00914	CINSK00
	LU00903	CPLAK00
	LU00891	CPDAK00
	LU00890	CINSK00
	LU00887	CPUTK00
	LU00886	CPFUK00
	LU00882	CPLAK00
	LU00881	CIDBK00
	LU00863	CPFUK00
	LU00859	CPSAK00
	LU00858	CPDTK00
	LU00847	CINSK00
	LU00839	CINSK00
	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

CA RS Level	Service	FMID
	LU00724	CPFLK00
	LU00723	CINSK00
	LU00689	CUGRK00
	LU00684	CPDTK00
	LU00672	CPLAK00
	LU00659	CSQ2100
	LU00646	CPPAK00
	LU00645	CPBAK00
	LU00644	COFSK00
	LU00643	CINSK00
	LU00639	CINSK00
	LU00635	CPDAK00
	LU00613	CINSK00
	LU00597	CPLAK00
	LU00576	CPSAK00
	LU00568	CINSK00
	LU00565	CSQ2100
	LU00549	CPDTK00
	LU00545	CIDBK00
	LU00532	CRCQK00
	LU00531	COFSK00
	LU00530	CINSK00
	LU00524	CPDTK00
	LU00523	CINSK00
	LU00511	CRCUK00
	LU00510	CINSK00
	LU00509	CINSK00
	LU00508	CINSK00
	LU00500	CPSAK00
	LU00480	CPLAK00
	LU00475	CPDAK00
	LU00452	CPRRK00
	LU00450	CRCXK00
	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

CA RS Level	Service	FMID
	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	CRCSK00
	LU00339	CRCQK00
	LU00338	CRCMK00
	LU00337	CPUTK00
	LU00336	CPRAK00
	LU00335	CPLAK00
	LU00334	CPDTK00
	LU00333	CPDAK00
	LU00332	CINSK00
	LU00331	CIDBK00
	LU00330	CAHOK00
	LU00314	CPDAK00
	LU00304	CPUTK00
	LU00303	CPRRK00
	LU00302	CPFUK00
	LU00301	CPFLK00
	LU00299	CIDBK00
	LU00283	CINSK00
	LU00277	CINSK00
	LU00275	CUGRK00
	LU00177	CPUTK00
CAR2103	S016295	CIDBK00
	S015817	CUGRK00
	S014357	CIDBK00
	S013729	CRCQK00
	LU00356	CPLAK00
	LU00329	CPDTK00
	LU00282	CIDBK00
	LU00281	CPFUK00
	LU00257	CPDAK00
	LU00256	CPDAK00
	LU00254	CINSK00
	LU00253	CIDBK00
	LU00250	CPRFK00
	LU00248	CPUTK00

CA RS Level	Service	FMID
	LU00247	CPFLK00
	LU00246	CIDBK00
	LU00242	CINSK00
	LU00240	CPDTK00
	LU00238	CPLAK00
	LU00237	CINSK00
	LU00227	CINSK00
	LU00217	CPFUK00
	LU00216	CINSK00
	LU00207	CPRFK00
	LU00194	CPUTK00
	LU00178	CPFLK00
	LU00176	CPDTK00
	LU00165	CPLAK00
	LU00162	CINSK00
	LU00159	CIDBK00
	LU00152	CUGRK00
	LU00147	CRCQK00
	LU00146	CPDAK00
	LU00145	CINSK00
	LU00141	CUGRK00
	LU00140	CPUTK00
	LU00139	CPRRK00
	LU00138	CPLAK00
	LU00137	CPFUK00
	LU00136	CPFLK00
	LU00135	CINSK00
	LU00134	CIDBK00
	LU00133	CPUTK00
	LU00132	CPLAK00
	LU00131	CINSK00
	LU00127	CINSK00
	LU00124	CPDTK00
	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

CA RS Level	Service	FMID
	S016183	CINSK00
	S016181	CUGRK00
	S016176	CINSK00
	S016175	CPSAK00
	S016174	CPDTK00
	S016173	CINSK00
	S016165	CPRFK00
	S016160	CPRRK00
	S016149	CPRFK00
	S016133	COFSK00
	S016132	CINSK00
	S016116	CIDBK00
	S016113	CPDTK00
	S016107	CIDBK00
	S016090	CPUTK00
	S016089	CPFLK00
	S016088	CINSK00
	S016075	CPLAK00
	S016071	CRCQK00
	S016067	CINSK00
	S016057	CIDBK00
	S016053	CINSK00
	S016046	CIDBK00
	S016045	CINSK00
	S015980	CINSK00
	S015952	CIDBK00
	S015864	CINSK00
CAR2101	S016040	CINSK00
	S016032	CINSK00
	S016031	CINSK00
	S016024	CINSK00
	S016001	CINSK00
	S015998	CINSK00
	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

CA RS Level	Service	FMID
	S015807	CRCXK00
	S015806	CRCUK00
	S015805	CPFUK00
	S015804	CINSK00
	S015789	CINSK00
	S015775	CPRFK00
	S015774	CPRFK00
	S015770	CINSK00
	S015761	CIDBK00
	S015760	CINSK00
	S015711	CUGRK00
	S015710	CPUTK00
	S015709	CINSK00
CAR2012	S015771	CPFLK00
	S015767	CPFUK00
	S015740	CPUTK00
	S015739	CPRRK00
	S015738	CPFLK00
	S015723	CPDTK00
	S015697	CRCQK00
	S015691	CPPAK00
	S015690	CINSK00
	S015652	CPUTK00
	S015650	COFSK00
	S015647	CIDBK00
	S015613	CINSK00
	S015609	CUGRK00
	S015585	CPRRK00
	S015573	CPDTK00
	S015541	CPUTK00
	S015531	CPLAK00
	S015506	CINSK00
	S015499	CPDTK00
	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

CA RS Level	Service	FMID
	S015395	CPDTK00
	S015394	CINSK00
	S015193	CINSK00
CAR2011	S015314	CPUTK00
	S015313	CPRRK00
	S015312	CPFLK00
	S015311	CINSK00
	S015308	CUGRK00
	S015271	CPUTK00
	S015255	CPRFK00
	S015254	CIDBK00
	S015238	CPUTK00
	S015237	CPRRK00
	S015236	CPFUK00
	S015235	CPFLK00
	S015225	COFSK00
	S015220	CPLAK00
	S015215	CINSK00
	S015205	CINSK00
	S015199	CPDTK00
	S015191	CRCMK00
	S015184	CSQ2100
	S015174	CPUTK00
	S015132	CINSK00
	S015130	CPDAK00
	S015129	CINSK00
	S015124	CPRRK00
	S015122	CINSK00
	S015094	CPSAK00
	S015086	CPFUK00
	S015075	CINSK00
	S015074	CPUTK00
	S015073	CPDTK00
	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

CA RS Level	Service	FMID
	S014901	CINSK00
	S014899	CINSK00
	S014883	CIDBK00
	S014876	CINSK00
	S014874	CINSK00
	S014866	CPLAK00
	S014865	CINSK00
	S014864	CIDBK00
	S014863	CUGRK00
	S014861	CPSAK00
	S014860	CPDTK00
	S014859	CINSK00
	S014853	CIDBK00
	S014843	CIDBK00
	S014842	CPRFK00
	S014836	CPBAK00
	S014835	CINSK00
	S014833	CRCUK00
	S014832	CINSK00
	S014827	CINSK00
	S014782	CPDTK00
	S014773	CPUTK00
	S014772	CPFLK00
	S014771	CINSK00
	S014756	CINSK00
	S014754	CIDBK00
	S014732	CPDAK00
	S014731	CINSK00
	S014721	CINSK00
	S014716	CINSK00
	S014694	CPFLK00
	S014681	CPSAK00
	S014680	CPDTK00
	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

CA RS Level	Service	FMID
	S014567	CPUTK00
	S014566	CINSK00
	S014565	CPDAK00
	S014531	CIDBK00
	S014502	CPUTK00
	S014501	CPFUK00
	S014500	CINSK00
	S014491	CINSK00
	S014483	CUGRK00
	S014452	CPLAK00
	S014433	CPFLK00
	S014428	CPUTK00
	S014427	CPFLK00
	S014426	CRCQK00
	S014404	CPRFK00
	S014401	CINSK00
	S014400	CPPAK00
	S014397	CPDTK00
	S014383	CPUTK00
	S014382	CPFUK00
	S014381	CINSK00
	S014338	CPDTK00
	S014335	CRCQK00
	S014310	CUTSK00
	S014307	CRCQK00
	S014299	CPDTK00
	S014298	CINSK00
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	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

CA RS Level	Service	FMID
	S014142	CPLAK00
	S014137	CPLAK00
	S014101	CRCQK00
	S014099	CIDBK00
	S014093	CIDBK00
	S014054	CPUTK00
	S014053	CPFUK00
	S014052	CINSK00
	S014036	CUGRK00
	S014035	CPUTK00
	S014034	CPRRK00
	S014033	CPLAK00
	S014032	CPFUK00
	S014031	CPFLK00
	S014030	CPDAK00
	S014029	CINSK00
	S014025	CPFLK00
	S014016	CIDBK00
	S013990	COFSK00
	S013988	CPPAK00
	S013987	CPDTK00
	S013986	CPDAK00
	S013985	CINSK00
	S013982	CSQ2100
	S013974	CINSK00
	S013973	CINSK00
	S013961	CPUTK00
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	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

CA RS Level	Service	FMID
	S013767	CPUTK00
	S013766	CPFUK00
	S013765	CPFLK00
	S013764	CINSK00
	S013758	COFSK00
	S013726	CINSK00
	S013711	CINSK00
	S013709	CPUTK00
	S013708	CPRRK00
	S013707	CPFUK00
	S013706	CPFLK00
	S013574	CINSK00
CAR2007	S013761	CPDTK00
	S013730	CPRFK00
	S013718	CPLAK00
	S013717	CINSK00
	S013686	CUGRK00
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	S013682	CINSK00
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	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

CA RS Level	Service	FMID
	S013340	CINSK00
	S013273	CINSK00
	S012794	CINSK00
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00
	S013234	CPLAK00
	S013230	CINSK00
	S013229	CINSK00
	S013224	CPLAK00
	S013213	CINSK00
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	S013203	CPFLK00
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	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

CA RS Level	Service	FMID
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	S012937	CRCXK00
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	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

CA RS Level	Service	FMID
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCCK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00

CA RS Level	Service	FMID
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	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

CA RS Level	Service	FMID
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	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

CA RS Level	Service	FMID
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	S011693	CIDBK00
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	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

CA RS Level	Service	FMID
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	S011323	CUGRK00
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	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

CA RS Level	Service	FMID
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	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

CA RS Level	Service	FMID
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	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

CA RS Level	Service	FMID
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	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

CA RS Level	Service	FMID
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCSK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	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

CA RS Level	Service	FMID
	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	CRCCK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00

CA RS Level	Service	FMID
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00
	S009125	CINSK00
	S009110	CRCXK00
	S009109	CRCUK00
	S009108	CPLAK00
	S009107	CPFUK00
	S009106	COFSK00
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	S009083	CPLAK00
	S009068	CIDBK00
	S009065	CPDTK00
	S009055	CIDBK00
	S009054	CIDBK00
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	S008766	CINSK00
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	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

CA RS Level	Service	FMID
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	S008750	CINSK00
	S008728	CIDBK00
	S008684	CINSK00
	S008668	CUGRK00
	S008667	CPUTK00
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	S008644	CINSK00
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	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

CA RS Level	Service	FMID
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	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

CA RS Level	Service	FMID
	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	CRCSK00
	S007822	CRCQK00
	S007821	CRCKM00
	S007820	CPUTK00
	S007819	CPSAK00
	S007818	CPRRK00
	S007815	CPRFK00
	S007814	CPPAK00
	S007813	CPLAK00
	S007812	CPFUK00
	S007811	CPFLK00
	S007810	CPDTK00
	S007809	CPDAK00
	S007808	COFSK00
	S007807	CINSK00
	S007806	CIDBK00
	S007804	CAHOK00
	S007774	CINSK00
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00
	S007169	CINSK00
CAR1903	S007412	CINSK00
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00

CA RS Level	Service	FMID
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00
	S007323	CINSK00
	S007204	CPSAK00
CAR1902	S007167	CINSK00
	S006978	CINSK00
	S006977	CIDBK00
	S006879	CUGRK00
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCSK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	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

CA RS Level	Service	FMID
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	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

CA RS Level	Service	FMID
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00
	S004756	CINSK00
CAR1808	S004720	CRCUK00
	S004719	CRCMK00
	S004718	CINSK00
	S004475	CUGRK00
	S004474	CTGRK00
	S004473	CRCXK00
	S004472	CRCUK00
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	S004468	CPSAK00
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	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

CA RS Level	Service	FMID
	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	CRCCK00
	S001641	CPLAK00
CAR1805	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00

CA RS Level	Service	FMID
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00
	S000977	CSQ2100
	S000975	CPLAK00
	S000894	CUGRK00
	S000893	CPUTK00
	S000871	CPSAK00
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	S000846	CPRRK00
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	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

CA RS Level	Service	FMID
	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	CRC SK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100

CA RS Level	Service	FMID
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRC SK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	R096579	CPDAK00
	R096578	CPBAK00
	R096577	COFSK00
	R096576	CINSK00
	R096575	CIDBK00
CAR1707	R096495	CSQ2100

CA RS Level	Service	FMID
	R096401	CUTSK00
CAR1706	R096169	CPSAK00
	R096168	CPDTK00
	R096167	CINSK00
	R096162	CPDAK00
	R096102	CSQ2100
	R096005	CUTSK00
	R096002	CUGRK00
	R095972	CUTSK00
	R095918	CUTSK00