

DB2 Tools 20.0
CA RS 2203 Service List

1

Service	Description	Type
LU04369	DISPLAY NEW PRODUCT VERSION STRING IN PFR, PMM AND PQC	PTF
LU04370	DISPLAY NEW PRODUCT VERSION STRING IN PFR, PMM AND PQC	PTF
LU04444	IN THE CREATE PROCEDURE DDL SOME CLAUSES ARE REPEATED	PTF
LU04452	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU04458	SOC4 ABEND WHEN SYNTAX CHECKING RENAME INDEX	PTF
LU04459	MONITOR WAKEUP INTERVAL OF 0 MINUTES MAY CAUSE HIGH XMAN CPU	PTF
LU04463	SYNTAX CHECKING SUPPORT FOR ALTER TABLESPACE MOVE TABLE	PTF
LU04464	SYNTAX CHECKING SUPPORT FOR ALTER TABLESPACE MOVE TABLE	PTF
LU04483	CHECK DATA UTILITY GENERATED WHEN IT IS NOT REQUESTED	PTF
LU04484	DB2 11 BIND/REBIND/FREE SUPPORT FOR REST SERVICE PACKAGES	PTF
LU04485	DB2 11 BIND/REBIND/FREE SUPPORT FOR REST SERVICE PACKAGES	PTF
LU04486	DB2 11 BIND/REBIND/FREE SUPPORT FOR REST SERVICE PACKAGES	PTF
LU04488	IMPLode/EXPLODE SERVICES ALL COMMAND NOT FUNCTIONING	PTF
LU04489	IMPLode/EXPLODE SERVICES ALL COMMAND NOT FUNCTIONING	PTF
LU04490	DATASHARING GROUP KEY PROGRAM DISPLAY MAY NOT RETURN RESULTS	PTF
LU04493	SQLCODE -313 AND -104 ARE ISSUED DURING ANALYSIS	PTF
LU04498	DELTA VALUE IS NOT PROVIDED FOR SEVERAL FIELDS IN IFCID 148	PTF
LU04529	RC/MERGER ANALYSIS EXECUTION FAILS WITH ABEND SOC4	PTF
LU04530	REPORT SHOWS INCORRECT DATA FOR FLOAT COLUMN TYPE	** PRP **
LU04561	SQL PARSER SYNTAX ENHANCEMENTS FOR A FUTURE DB2 VERSION.	PTF
LU04562	DDL REDO FAILS ON ALTER TRIGGER ADD VERSION	PTF
LU04566	DBD RELATED EXCEPTIONS MAY TRIGGER WHEN QISEDDBG ROLLS OVER	PTF
LU04573	ADD QM DATABASE W/O CRTR ,DROP ONLY, AND RCC READGCS SUPPORT	PTF
LU04586	UNLOAD AND REPORT DB2 DATA SHARING GROUP MEMBERS BY SSID	PTF
LU04616	HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS	PTF
LU04618	HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS	PTF
LU04619	HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS	PTF
LU04621	HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS	PTF
LU04636	PQC - PRODUCT LICENSE PROCESSING	PTF
LU04637	INCORRECT LISTDEF STATEMENT GENERATED WHEN IBM REORG CALLED	PTF
LU04653	VIEW CONTENTS FOR BUFFER POOL ACTIVITY DISPLAY FIX	PTF
LU04654	SYMBOL %DSNQUAL3 RESOLVES TO TID WITHOUT OBJECT IDENTIFIER	PTF
LU04656	NEW AOT (ACCELERATOR ONLY TABLE) IN RCQ T-AC REPORT	PTF
LU04657	NEW AOT (ACCELERATOR ONLY TABLE) IN RCQ T-AC REPORT	PTF
LU04675	DATA FORMAT TYPE CONVERSIONS ENHANCEMENT	PTF
LU04732	PFR ERROR PFR0447E WHILE READING PAGES FROM LOB TABLESPACE	PTF
LU04733	DATABASE ACTIVITY DETAIL DISPLAYS INCORRECT VALUES	PTF
LU04746	DDL00002 ISSUED IF ICL INCLUDES NO CACHE FOR COLUMNS	PTF
LU04788	DML REPORT ALTER TABLESPACE MOVE TABLE OPTION SUPPORT	PTF
LU04789	IN FILE SUMMARY MESSAGES	PTF
LU04795	STORAGE LEAK IN XMANAGER ADDRESS SPACE FOLLOWING LU03710	** PRP **
LU04803	SUPPORT FOR NEW DB2 12 RDS SORT AND DB2ZAI FIELDS	PTF
LU04818	GENERIC GBP**** SUBSYSTEM EXCEPTIONS ARE NEVER TRIGGERED	PTF
LU04834	TS-D REPORT SHOWS INCORRECT VALUES FOR MAXPARTITIONS	PTF
LU04842	DML REPORT ABENDS WITH MESSAGE LAE0071W AND RETURN CODE 20	PTF
LU04855	ENHANCE XNET INTERNAL AGENT - JDBC, DB2 LIB, & DSNAME DATA	PTF
LU04857	USER ABEND 0070 RESULTS WHEN USING DATA COPY OPTION	PTF

DB2 Tools 20.0
CA RS 2203 Service List

Service	Description	Type
LU04868	CONSISTENT UNLOAD SUPPORT	PTF
LU04869	CONSISTENT UNLOAD SUPPORT	PTF
LU04870	CONSISTENT UNLOAD SUPPORT	PTF
LU04880	PRA - PRODUCT LICENSE PROCESSING	PTF
The CA RS 2203 service count for this release is 51		

DB2 Tools
CA RS 2203 Service List for CIDBK00

FMID	Service	Description	Type
CIDBK00	LU04498	DELTA VALUE IS NOT PROVIDED FOR SEVERAL FIELDS IN IFCID 148	PTF
	LU04566	DBD RELATED EXCEPTIONS MAY TRIGGER WHEN QISEDDBG ROLLS OVER	PTF
	LU04803	SUPPORT FOR NEW DB2 12 RDS SORT AND DB2ZAI FIELDS	PTF
	LU04818	GENERIC GBP**** SUBSYSTEM EXCEPTIONS ARE NEVER TRIGGERED	PTF
The CA RS 2203 service count for this FMID is 4			

DB2 Tools
CA RS 2203 Service List for CINSK00

4

FMID	Service	Description	Type
CINSK00	LU04369	DISPLAY NEW PRODUCT VERSION STRING IN PFR, PMM AND PQC	PTF
	LU04452	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	LU04458	SOC4 ABEND WHEN SYNTAX CHECKING RENAME INDEX	PTF
	LU04459	MONITOR WAKEUP INTERVAL OF 0 MINUTES MAY CAUSE HIGH XMAN CPU	PTF
	LU04463	SYNTAX CHECKING SUPPORT FOR ALTER TABLESPACE MOVE TABLE	PTF
	LU04483	CHECK DATA UTILITY GENERATED WHEN IT IS NOT REQUESTED	PTF
	LU04484	DB2 11 BIND/REBIND/FREE SUPPORT FOR REST SERVICE PACKAGES	PTF
	LU04488	IMplode/EXplode SERVICES ALL COMMAND NOT FUNCTIONING	PTF
	LU04493	SQLCODE -313 AND -104 ARE ISSUED DURING ANALYSIS	PTF
	LU04529	RC/MERGER ANALYSIS EXECUTION FAILS WITH ABEND SOC4	PTF
	LU04573	ADD QM DATABASE W/O CRTR ,DROP ONLY, AND RCC READGCS SUPPORT	PTF
	LU04621	HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS	PTF
	LU04654	SYMBOL %DSNQUAL3 RESOLVES TO TID WITHOUT OBJECT IDENTIFIER	PTF
	LU04656	NEW AOT (ACCELERATOR ONLY TABLE) IN RCQ T-AC REPORT	PTF
	LU04746	DDL00002 ISSUED IF ICL INCLUDES NO CACHE FOR COLUMNS	PTF
	LU04857	USER ABEND 0070 RESULTS WHEN USING DATA COPY OPTION	PTF
The CA RS 2203 service count for this FMID is 16			

DB2 Tools
CA RS 2203 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	LU04444	IN THE CREATE PROCEDURE DDL SOME CLAUSES ARE REPEATED	PTF
The CA RS 2203 service count for this FMID is 1			

DB2 Tools
CA RS 2203 Service List for CPBAK00

FMID	Service	Description	Type
CPBAK00	LU04485	DB2 11 BIND/REBIND/FREE SUPPORT FOR REST SERVICE PACKAGES	PTF
The CA RS 2203 service count for this FMID is 1			

DB2 Tools
CA RS 2203 Service List for CPDTK00

7

FMID	Service	Description	Type
CPDTK00	LU04490	DATASHARING GROUP KEY PROGRAM DISPLAY MAY NOT RETURN RESULTS	PTF
	LU04586	UNLOAD AND REPORT DB2 DATA SHARING GROUP MEMBERS BY SSID	PTF
	LU04795	STORAGE LEAK IN XMANAGER ADDRESS SPACE FOLLOWING LU03710	** PRP **
The CA RS 2203 service count for this FMID is 3			

DB2 Tools
CA RS 2203 Service List for CPFLK00

FMID	Service	Description	Type
CPFLK00	LU04616	HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS	PTF
The CA RS 2203 service count for this FMID is 1			

DB2 Tools
CA RS 2203 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	LU04675	DATA FORMAT TYPE CONVERSIONS ENHANCEMENT	PTF
	LU04789	IN FILE SUMMARY MESSAGES	PTF
	LU04868	CONSISTENT UNLOAD SUPPORT	PTF
The CA RS 2203 service count for this FMID is 3			

DB2 Tools
CA RS 2203 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	LU04562	DDL REDO FAILS ON ALTER TRIGGER ADD VERSION	PTF
	LU04788	DML REPORT ALTER TABLESPACE MOVE TABLE OPTION SUPPORT	PTF
	LU04842	DML REPORT ABENDS WITH MESSAGE LAE0071W AND RETURN CODE 20	PTF
The CA RS 2203 service count for this FMID is 3			

DB2 Tools
CA RS 2203 Service List for CPPAK00

11

FMID	Service	Description	Type
CPPAK00	LU04486	DB2 11 BIND/REBIND/FREE SUPPORT FOR REST SERVICE PACKAGES	PTF
The CA RS 2203 service count for this FMID is 1			

DB2 Tools
CA RS 2203 Service List for CPRAK00

12

FMID	Service	Description	Type
CPRAK00	LU04880	PRA - PRODUCT LICENSE PROCESSING	PTF
The CA RS 2203 service count for this FMID is 1			

DB2 Tools
CA RS 2203 Service List for CPRRK00

FMID	Service	Description	Type
CPRRK00	LU04637	INCORRECT LISTDEF STATEMENT GENERATED WHEN IBM REORG CALLED	PTF
The CA RS 2203 service count for this FMID is 1			

DB2 Tools
CA RS 2203 Service List for CPSAK00

FMID	Service	Description	Type
CPSAK00	LU04653	VIEW CONTENTS FOR BUFFER POOL ACTIVITY DISPLAY FIX	PTF
	LU04733	DATABASE ACTIVITY DETAIL DISPLAYS INCORRECT VALUES	PTF
The CA RS 2203 service count for this FMID is 2			

DB2 Tools
CA RS 2203 Service List for CPUTK00

FMID	Service	Description	Type
CPUTK00	LU04618	HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS	PTF
	LU04869	CONSISTENT UNLOAD SUPPORT	PTF
The CA RS 2203 service count for this FMID is 2			

DB2 Tools
CA RS 2203 Service List for CPXNK00

FMID	Service	Description	Type
CPXNK00	LU04855	ENHANCE XNET INTERNAL AGENT - JDBC, DB2 LIB, & DSNAME DATA	PTF
The CA RS 2203 service count for this FMID is 1			

FMID	Service	Description	Type
CRCMK00	LU04464	SYNTAX CHECKING SUPPORT FOR ALTER TABLESPACE MOVE TABLE	PTF
	LU04489	IMplode/EXplode SERVICES ALL COMMAND NOT FUNCTIONING	PTF
The CA RS 2203 service count for this FMID is 2			

DB2 Tools
CA RS 2203 Service List for CRCQK00

FMID	Service	Description	Type
CRCQK00	LU04530	REPORT SHOWS INCORRECT DATA FOR FLOAT COLUMN TYPE	** PRP **
	LU04657	NEW AOT (ACCELERATOR ONLY TABLE) IN RCQ T-AC REPORT	PTF
	LU04834	TS-D REPORT SHOWS INCORRECT VALUES FOR MAXPARTITIONS	PTF
The CA RS 2203 service count for this FMID is 3			

DB2 Tools
CA RS 2203 Service List for CSQ2100

FMID	Service	Description	Type
CSQ2100	LU04561	SQL PARSER SYNTAX ENHANCEMENTS FOR A FUTURE DB2 VERSION.	PTF
The CA RS 2203 service count for this FMID is 1			

DB2 Tools
CA RS 2203 Service List for CUGRK00

FMID	Service	Description	Type
CUGRK00	LU04370	DISPLAY NEW PRODUCT VERSION STRING IN PFR, PMM AND PQC	PTF
	LU04619	HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS	PTF
	LU04636	PQC - PRODUCT LICENSE PROCESSING	PTF
	LU04732	PFR ERROR PFR0447E WHILE READING PAGES FROM LOB TABLESPACE	PTF
	LU04870	CONSISTENT UNLOAD SUPPORT	PTF
The CA RS 2203 service count for this FMID is 5			

Service	Details										
LU04369	LU04369 M.C.S. ENTRIES = ++PTF (LU04369) The following items are included in this solution: 1. DISPLAY NEW PRODUCT VERSION STRING IN PFR, PMM AND PQC 2. DISPLAY NEW PRODUCT VERSION STRING IN THE RECOVERY ESTIMATOR ===== DISPLAY NEW PRODUCT VERSION STRING IN PFR, PMM AND PQC ENHANCEMENT DESCRIPTION: Fast Recover for Db2 for z/OS (PFR), Merge/Modify for Db2 for z/OS (PMM) and Quick Copy (PQC) for DB2 for z/OS have been updated to display the Level Set value as the modification level (mm) in the new product version string (vv.rr.mm). Previously, the version string included only the product version and release number (vv.r). Now, the addition of the Level Set value helps you to better understand what maintenance level has been applied at your site. PRODUCT(S) AFFECTED: <table> <tr> <td>Utility General Recovery</td><td>Version 20.0</td></tr> <tr> <td>Fast Recover for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Merge/Modify for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Quick Copy for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: UGR 15625 ===== DISPLAY NEW PRODUCT VERSION STRING IN THE RECOVERY ESTIMATOR ENHANCEMENT DESCRIPTION: The Recovery Estimator has been updated to display the Level Set value as the modification level (mm) in the new product version string (vv.rr.mm). Previously, the version string included only the product version. Now, the addition of the Level Set value helps you to better understand what maintenance level has been applied at your site. PRODUCT(S) AFFECTED: <table> <tr> <td>DB2 Common Components</td><td>Version 20.0</td></tr> </table> Related Problem: INS 15785 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DISPLAY NEW PRODUCT VERSION STRING IN PFR, PMM AND PQC). ++VER (Z038) FMID (CINSK00) PRE (LU00227 LU01178 LU01405 LU01673 LU02061 LU02197 LU02363 LU03520 LU04412 R096576 R099553 S015311 S015864) SUP (AL01405 LT00559 LT01643 LT01696 LT02117 LT02609 LT04362 LT04366 LT04369 LU01696 LU02117 LU02609 ST09745) ++IF FMID(CUGRK00) REQ(LU04370) .	Utility General Recovery	Version 20.0	Fast Recover for Db2 for z/OS	Version 20.0	Merge/Modify for Db2 for z/OS	Version 20.0	Quick Copy for DB2 for z/OS	Version 20.0	DB2 Common Components	Version 20.0
Utility General Recovery	Version 20.0										
Fast Recover for Db2 for z/OS	Version 20.0										
Merge/Modify for Db2 for z/OS	Version 20.0										
Quick Copy for DB2 for z/OS	Version 20.0										
DB2 Common Components	Version 20.0										

Service	Details										
LU04370	LU04370 M.C.S. ENTRIES = ++PTF (LU04370) The following items are included in this solution: 1. DISPLAY NEW PRODUCT VERSION STRING IN PFR, PMM AND PQC 2. DISPLAY NEW PRODUCT VERSION STRING IN THE RECOVERY ESTIMATOR ===== DISPLAY NEW PRODUCT VERSION STRING IN PFR, PMM AND PQC ENHANCEMENT DESCRIPTION: Fast Recover for Db2 for z/OS (PFR), Merge/Modify for Db2 for z/OS (PMM) and Quick Copy (PQC) for DB2 for z/OS have been updated to display the Level Set value as the modification level (mm) in the new product version string (vv.rr.mm). Previously, the version string included only the product version and release number (vv.r). Now, the addition of the Level Set value helps you to better understand what maintenance level has been applied at your site. PRODUCT(S) AFFECTED: <table> <tr> <td>Utility General Recovery</td><td>Version 20.0</td></tr> <tr> <td>Fast Recover for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Merge/Modify for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Quick Copy for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: UGR 15625 ===== DISPLAY NEW PRODUCT VERSION STRING IN THE RECOVERY ESTIMATOR ENHANCEMENT DESCRIPTION: The Recovery Estimator has been updated to display the Level Set value as the modification level (mm) in the new product version string (vv.rr.mm). Previously, the version string included only the product version. Now, the addition of the Level Set value helps you to better understand what maintenance level has been applied at your site. PRODUCT(S) AFFECTED: <table> <tr> <td>DB2 Common Components</td><td>Version 20.0</td></tr> </table> Related Problem: INS 15785 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DISPLAY NEW PRODUCT VERSION STRING IN PFR, PMM AND PQC). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU04435 S000029 S000201 S001660 S006069 S006132 S006879 S009748 S009903 S011605 S012155 S012279 S012530 S013768 S015609 S015711) SUP (LT04370 S009974 ST09825 ST09907 ST09974) ++IF FMID(CINSK00) REQ(LU04369) .	Utility General Recovery	Version 20.0	Fast Recover for Db2 for z/OS	Version 20.0	Merge/Modify for Db2 for z/OS	Version 20.0	Quick Copy for DB2 for z/OS	Version 20.0	DB2 Common Components	Version 20.0
Utility General Recovery	Version 20.0										
Fast Recover for Db2 for z/OS	Version 20.0										
Merge/Modify for Db2 for z/OS	Version 20.0										
Quick Copy for DB2 for z/OS	Version 20.0										
DB2 Common Components	Version 20.0										

Service	Details
LU04444	LU04444 M.C.S. ENTRIES = ++PTF (LU04444) IN THE CREATE PROCEDURE DDL SOME CLAUSES ARE REPEATED PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), the DDL and HDDL commands generate duplicate DDL clauses for Native Stored Procedures. SYMPTOMS: Some DDL clauses are repeated. For example : WITH EXPLAIN, WITH KEEP DYNAMIC, ISOLATION LEVEL CS. IMPACT: The generated DDL is invalid. CIRCUMVENTION: None PRODUCTS EFFECTED: RC/Query for Db2 for z/OS 20.0 Related Problem: OFS 15870 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(IN THE CREATE PROCEDURE DDL SOME CLAUSES ARE REPEATED). ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU03315 LU03659 LU03924 LU04085 LU04413 RO96577 RO99554 SO01397 SO06114 SO06864 SO08663 SO15225 SO15440) SUP (LT01273 LT04444)

Service	Details
LU04452	LU04452 M.C.S. ENTRIES = ++PTF (LU04452) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. When the architectural enhancement is ready for release, additional information will be provided. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PXM 14683 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CINSK00) PRE (LU00123 LU00523 LU01648 LU01978 LU02124 LU02242 LU04230 LU04412 R099979 S001665 S004455 S006863 S007552 S009796 S010907 S011674 S012159 S013717 S014295 S014298 S014756) SUP (LT03953 LT04283 LT04452 LU03953 ST07332 ST10808 ST10861 ST10903 ST14233 ST14237 ST14239) ++HOLD (LU04452) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22033) COMMENT (<pre> +-----+ DB2 Common Components Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with </pre>

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

Service	Details
LU04458	LU04458 M.C.S. ENTRIES = ++PTF (LU04458) SOC4 ABEND WHEN SYNTAX CHECKING RENAME INDEX PROBLEM DESCRIPTION: In CA RC/Migrator for Db2 for z/OS (RCM), the syntax checking may abend with a SOC4 with a reason code 10 when checking RENAME INDEX DDL. SYMPTOMS: The following message issue when checking online: RM220E: The Syntax Checker has abended. Please contact CA-DB2 Support When checking using Batch: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000010 TIME=16.24.27 SEQ=05756 CPU=0000 ASID=02FF PSW AT TIME OF ERROR 078D2000 BB487AAA ILC 6 INTC 10 ACTIVE MODULE ADDRESS=00000000_3B47D000 OFFSET=0000AAAA NAME=RML#SFRM DATA AT PSW 3B487AA4 - D201503C BBE4D201 52E5402C IMPACT: The users will not be able to syntax check 'RENAME INDEX ...' DDL CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 15799 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(SOC4 ABEND WHEN SYNTAX CHECKING RENAME INDEX). ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 LU03657 LU04149 LU04412 R096576 R099553 S001396 S004455 S004718 S006863 S007379 S009105 S011691 S011866 S011966 S012361 S012933 S014125 S014832 S015804) SUP (LT00968 LT04154 LT04458 LU00968 S008414 S009033 ST08395 ST08414 ST08760 ST08780 ST08965 ST09031 ST09033)

Service	Details
LU04459	LU04459 M.C.S. ENTRIES = ++PTF (LU04459) MONITOR WAKEUP INTERVAL OF 0 MINUTES MAY CAUSE HIGH XMAN CPU PROBLEM DESCRIPTION: When the Thread Termination/Dynamic DSNZPARM for Db2 for z/OS (PTT) thread monitor is started with a thread monitor profile containing a monitor wakeup interval of 0 hours and 0 minutes, the Xmanager may consume a large amount of CPU time. SYMPTOMS: While the problem is occurring, the CPU time that is consumed by the Xmanager increases by approximately one second for each second that the Xmanager runs. IMPACT: In the worst cases, the thread monitor will be running on a single CPU core nearly constantly. CIRCUMVENTION: To circumvent the problem, never set the monitor wakeup interval to a value lower than 1 minute. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PTT 15968 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(MONITOR WAKEUP INTERVAL OF 0 MINUTES MAY CAUSE HIGH XMAN CPU). ++VER (Z038) FMID (CINSK00) PRE (LU01362 LU01978 LU04230 LU04355 LU04412 S014874) SUP (LT04459) ++HOLD (LU04459) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22036) 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: </pre>

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

Service	Details
LU04463	LU04463 M.C.S. ENTRIES = ++PTF (LU04463) SYNTAX CHECKING SUPPORT FOR ALTER TABLESPACE MOVE TABLE ENHANCEMENT DESCRIPTION: RC/Migrator for Db2 for z/OS supports syntax checking of ALTER TABLESPACE MOVE TABLE statements for Db2 function level 508 and above. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 15705 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(SYNTAX CHECKING SUPPORT FOR ALTER TABLESPACE MOVE TABLE). ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 LU01039 LU02345 LU03314 LU03657 LU03923 LU04006 LU04149 LU04412 LU04458 R096576 R099553 S000016 S001396 S004455 S004718 S005199 S006113 S006638 S006863 S007379 S007807 S008128 S009105 S009183 S009356 S009417 S009860 S011078 S011691 S011866 S011966 S012361 S012817 S012933 S013071 S014125 S014832 S015804) SUP (LT00968 LT01508 LT02053 LT04167 LT04463 LU00968 LU01508 LU02053 LU04167 S008198 S008414 S010021 S012042 S012249 S014623 S015506 S016001 S016088 S016176 ST08198 ST08395 ST08414 ST09530 ST10021 ST12042 ST12249 ST14623 ST15506 ST16001 ST16088 ST16176) ++IF FMID(CRCMK00) REQ(LU04464) . ++HOLD (LU04463) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (22033) COMMENT (<pre> +-----+ DB2 Common Components Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All Db2 Tools Users +-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems +-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. </pre>

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

Service	Details
LU04464	LU04464 M.C.S. ENTRIES = ++PTF (LU04464) SYNTAX CHECKING SUPPORT FOR ALTER TABLESPACE MOVE TABLE ENHANCEMENT DESCRIPTION: RC/Migrator for Db2 for z/OS supports syntax checking of ALTER TABLESPACE MOVE TABLE statements for Db2 function level 508 and above. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 15705 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(SYNTAX CHECKING SUPPORT FOR ALTER TABLESPACE MOVE TABLE). ++VER (Z038) FMID (CRCMK00) PRE (LU04429) SUP (LT04464) ++IF FMID(CINSK00) REQ(LU04463) .

Service	Details
LU04483	LU04483 M.C.S. ENTRIES = ++PTF (LU04483) CHECK DATA UTILITY GENERATED WHEN IT IS NOT REQUESTED PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), when analyzing a migration strategy, the analysis generates CHECK DATA utility when the utility analysis option 'CHECK DATA' is set to 'N'. SYMPTOMS: The CHECK DATA utility statements are included in the generated script. IMPACT: CHECK DATA utility is generated when it is not requested. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 16010 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(CHECK DATA UTILITY GENERATED WHEN IT IS NOT REQUESTED). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU00914 LU03657 LU04412 R097704 R099553 S004718 S006863 S007379 S009105 S011691 S011966 S012361 S012933 S015804) SUP (LT04483)

Service	Details
LU04484	LU04484 M.C.S. ENTRIES = ++PTF (LU04484) DB2 11 BIND/REBIND/FREE SUPPORT FOR REST SERVICE PACKAGES ENHANCEMENT DESCRIPTION: Added support for native REST services to Plan Analyzer for Db2 11 and 12. Users can use Plan Analyzer to create REST API packages, copy them to other subsystems, rebind them, and free them. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 14509 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DB2 11 BIND/REBIND/FREE SUPPORT FOR REST SERVICE PACKAGES). ++VER (Z038) FMID (CINSK00) PRE (LU00438 LU01891 LU04412 S008578 S010712 S011129 S011807 S012067 S012367) SUP (LT04484) ++IF FMID(CPBAK00) REQ(LU04485) . ++IF FMID(CPPAK00) REQ(LU04486) . ++HOLD (LU04484) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (22039) COMMENT (DB2 Common Components Version 20.0 SEQUENCE After Apply PURPOSE Bind Plans and Packages USERS AFFECTED All Users KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with

Service	Details
	the plans being used by the data collectors.).

Service	Details
LU04485	LU04485 M.C.S. ENTRIES = ++PTF (LU04485) DB2 11 BIND/REBIND/FREE SUPPORT FOR REST SERVICE PACKAGES ENHANCEMENT DESCRIPTION: Added support for native REST services to Plan Analyzer for Db2 11 and 12. Users can use Plan Analyzer to create REST API packages, copy them to other subsystems, rebind them, and free them. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 14509 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DB2 11 BIND/REBIND/FREE SUPPORT FOR REST SERVICE PACKAGES). ++VER (Z038) FMID (CPBAK00) PRE (LU00645 LU04414 R096578 S008450 S009786 S010713 S011130 S011767 S011808) SUP (LT04485 ST10707 ST11712) ++IF FMID(CPPAK00) REQ(LU04486) . ++IF FMID(CINSK00) REQ(LU04484) .

Service	Details																		
LU04486	LU04486 M.C.S. ENTRIES = ++PTF (LU04486) DB2 11 BIND/REBIND/FREE SUPPORT FOR REST SERVICE PACKAGES ENHANCEMENT DESCRIPTION: Added support for native REST services to Plan Analyzer for Db2 11 and 12. Users can use Plan Analyzer to create REST API packages, copy them to other subsystems, rebind them, and free them. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 14509 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DB2 11 BIND/REBIND/FREE SUPPORT FOR REST SERVICE PACKAGES). ++VER (Z038) FMID (CPPAK00) PRE (LU00440 LU00646 LU01068 LU01551 LU01892 LU02493 LU03822 LU04420 RO96584 S000021 S001404 S004462 S006120 S006869 S007814 S008581 S010000 S010714 S011131 S011768 S011810 S012068 S012267 S012368 S012655 S012943 S015691) SUP (LT04486) ++IF FMID(CPPAK00) REQ(LU04485) . ++IF FMID(CINSK00) REQ(LU04484) . ++HOLD (LU04486) SYSTEM FMID(CPPAK00) REASON (MSGSKEL) DATE (22039) COMMENT (<table border="1"> <tr> <td>Plan Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Relink XMESSAGES</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Db2 Tools Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>Db2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. Db2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND Authority on Db2 subsystems</td></tr> </table> ***** * 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.).	Plan Analyzer for DB2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Relink XMESSAGES	USERS		AFFECTED	All Db2 Tools Users	KNOWLEDGE		REQUIRED	Db2 Tools Post Install Customization.	ACCESS	1. Db2 Tools Post Install	REQUIRED	2. BIND Authority on Db2 subsystems
Plan Analyzer for DB2 for z/OS	Version 20.0																		
SEQUENCE	After Apply																		
PURPOSE	Relink XMESSAGES																		
USERS																			
AFFECTED	All Db2 Tools Users																		
KNOWLEDGE																			
REQUIRED	Db2 Tools Post Install Customization.																		
ACCESS	1. Db2 Tools Post Install																		
REQUIRED	2. BIND Authority on Db2 subsystems																		

Service	Details
LU04488	LU04488 M.C.S. ENTRIES = ++PTF (LU04488) IMplode/EXplode SERVICES ALL COMMAND NOT FUNCTIONING PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM) the ALL X, ALL A, and ALL R primary commands from the Implode/Explode Services screen do not function. SYMPTOMS: The commands do not work, and no messages are issued. IMPACT: Multiple selections need to be used rather than a single command. CIRCUMVENTION: Use relevant line commands to enter selections for individual objects. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS (RCM) Version 20.0 Related Problem: RCM 14745 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(IMPLode/EXPLode SERVICES ALL COMMAND NOT FUNCTIONING). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04149 LU04412 R097704 R099553 S004718 S010549 S011866 S011966 S012361 S014125 S014832) SUP (LT04488) ++IF FMID(CRCMK00) REQ(LU04489) .

Service	Details
LU04489	LU04489 M.C.S. ENTRIES = ++PTF (LU04489) IMplode/EXplode SERVICES ALL COMMAND NOT FUNCTIONING PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM) the ALL X, ALL A, and ALL R primary commands from the Implode/Explode Services screen do not function. SYMPTOMS: The commands do not work, and no messages are issued. IMPACT: Multiple selections need to be used rather than a single command. CIRCUMVENTION: Use relevant line commands to enter selections for individual objects. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS (RCM) Version 20.0 Related Problem: RCM 14745 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(IMPLode/EXPLode SERVICES ALL COMMAND NOT FUNCTIONING). ++VER (Z038) FMID (CRCMK00) PRE (LU04429) SUP (LT04489) ++IF FMID(CINSK00) REQ(LU04488) .

Service	Details
LU04490	LU04490 M.C.S. ENTRIES = ++PTF (LU04490) DATASHARING GROUP KEY PROGRAM DISPLAY MAY NOT RETURN RESULTS PROBLEM DESCRIPTION: The Detector for Db2 for z/OS (PDT) DSG Key Member Summary does not provide a result set when the G -Programs line command is issued. SYMPTOMS: The ISPF panel stays on the DSG Key Member Summary display instead of the DETECTOR Key Package/DBRM Display. IMPACT: The result set cannot be viewed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 15816 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DATASHARING GROUP KEY PROGRAM DISPLAY MAY NOT RETURN RESULTS). ++VER (Z038) FMID (CPDTK00) PRE (LU01982 LU02132 LU02271 LU04416 S001400 S014860) SUP (LT04490)

Service	Details
LU04493	LU04493 M.C.S. ENTRIES = ++PTF (LU04493) SQLCODE -313 AND -104 ARE ISSUED DURING ANALYSIS PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), an SQLCODE -313 occurs when analyzing the strategy where the location is REMOTE or the analysis is done using ACM. SYMPTOMS: RMA199E PROGRAM RMA'TGP RECEIVED THE FOLLOWING SQL ERROR: DSNT408I SQLCODE = -104, ERROR: ILLEGAL SYMBOL "***". SOME SYMBOLS THAT MIGHT BE LEGAL ARE: ROW NEXTVAL PREVVAL NEXT PREVIOUS (<INTEGER> <DECIMAL> <FLOAT> DSNT418I SQLSTATE = 42601 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNHPARS SQL PROCEDURE DETECTING ERROR DSNT416I SQLERRD = 3 0 0 -1 59 502 SQL DIAGNOSTIC INFORMATION DSNT416I SQLERRD = X'00000003' X'00000000' X'00000000' X'FFFFFFF' X'0000003B' X'000001F6' SQL DIAGNOSTIC INFORMATION RMA199E PROGRAM RMA@UFP RECEIVED THE FOLLOWING SQL ERROR: DSNT408I SQLCODE = -313, ERROR: THE NUMBER OF HOST VARIABLES SPECIFIED IS NOT EQUAL TO THE NUMBER OF PARAMETER MARKERS DSNT418I SQLSTATE = 07001 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXRIHB SQL PROCEDURE DETECTING ERROR DSNT416I SQLERRD = -116 0 0 -1 0 0 SQL DIAGNOSTIC INFORMATION DSNT416I SQLERRD = X'FFFFFFF8C' X'00000000' X'00000000' X'FFFFFFF' X'00000000' X'00000000' SQL DIAGNOSTIC INFORMATION IMPACT: The analysis does not complete. CIRCUMVENTION: Analyze the strategy without using ACM. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16029 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(SQLCODE -313 AND -104 ARE ISSUED DURING ANALYSIS). ++VER (Z038) FMID (CINSK00) PRE (LU03657 LU03878 LU04412 S004455 S004718 S007379 S012933) SUP (LT04493) ++HOLD (LU04493) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (22035) COMMENT (+-----+-----+-----+ DB2 Common Components

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

Service	Details
LU04498	LU04498 M.C.S. ENTRIES = ++PTF (LU04498) DELTA VALUE IS NOT PROVIDED FOR SEVERAL FIELDS IN IFCID 148 PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) does not support interval delta processing for several fields in IFCID 148 (THREAD-STATS). The THRDEXCP (based on IFCID 148 DELTA processing) IQL request is updated to use EVENT-DUR field instead of a hard coded value. SYMPTOMS: Delta values are not calculated for the fields in the IFCID 148: - DISK-CACHE-IO-WAIT (QWACAWTD) - DISK-CACHE-IO-COUNT (QWACAWCD) - TCB-CPU-TOT (QWACIJST) - SRB-CPU-TOT (QWACISRB) - I-O-CNT (QWACICNT) - UNACC-DB2-TIME (QWACUACC) - TOTAL-TIME-DB2 (QWACDB2T) - EVENT-DUR The EVENT-DUR field now contains a delta interval value. IMPACT: It is not possible to analyze how selected IFCID 148 are changing over time intervals. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 15922 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DELTA VALUE IS NOT PROVIDED FOR SEVERAL FIELDS IN IFCID 148). ++VER (Z038) FMID (CIDBK00) PRE (LU01175 LU02428 LU03091 LU03286 LU04374 LU04411 R096575 R099552 S004454 S006112 S007806 S008846 S010160 S011780 S012769 S013557 S013891 S014099 S014883 S015070 S015647 S016300) SUP (LT04498) CSECT (NDDELTAC,NDDELTA) .

Service	Details
LU04529	LU04529 M.C.S. ENTRIES = ++PTF (LU04529) RC/MERGER ANALYSIS EXECUTION FAILS WITH ABEND SOC4 PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), the RC/Merger (RMM) analysis execution fails with a SOC4 abend. SYMPTOMS: The following abend occurs when executing RMM analysis. SYSTEM COMPLETION CODE=0C4 REASON CODE=00000010 ACTIVE MODULE OFFSET=00000236 NAME=RML#SYNT IMPACT: Customer is not be able to execute RMM analysis. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: RMM 16023 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(RC/MERGER ANALYSIS EXECUTION FAILS WITH ABEND SOC4). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU02345 LU03657 LU04412 LU04463 S001396 S007379 S009105 S011966 S012361 S012933 S014125 S014832 S015804) SUP (LT04529)

Service	Details
LU04530	LU04530 M.C.S. ENTRIES = ++PTF (LU04530) REPORT SHOWS INCORRECT DATA FOR FLOAT COLUMN TYPE PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), the following reports display incorrect data for the FLOAT column type. * Tablespace List (TS-L) * Table List (T-L) * Index List (I-L) SYMPTOMS: RCQ reports TS-L, T-L, and I-L do not display the correct FLOAT data. IMPACT: The user cannot view FLOAT data in the TS-L, T-L, or I-L reports. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 16009 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(REPORT SHOWS INCORRECT DATA FOR FLOAT COLUMN TYPE). ++VER (Z038) FMID (CRCQK00) PRE (LU04430 R096593 R099569 S001414 S006128 S010163 S013083) SUP (AS13083 LT04530) CSECT(RQAM,RQAMWS@,RQAMLADR,LOWCSECT,USEREXIT,RQAM4,XTRACT) .

Service	Details
LU04561	LU04561 M.C.S. ENTRIES = ++PTF (LU04561) SQL PARSER SYNTAX ENHANCEMENTS FOR A FUTURE DB2 VERSION. ENHANCEMENT DESCRIPTION: In CA Common SQL Services for DB2 for z/OS(SQ2), the common SQL services SQL Parser has been enhanced to support new syntax elements in a future Db2 version. PRODUCT(S) AFFECTED: Common SQL Services for Db2 for z/OS Version 1.0 Related Problem: SQ2 16061 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(SQL PARSER SYNTAX ENHANCEMENTS FOR A FUTURE DB2 VERSION.). ++VER (Z038) FMID (CSQ2100) PRE (LU00565 LU04462 R096102 R096495 R097090 R098041 R099899 S000849 S005308 S006494 S008576 S012501 S013982) SUP (LT01432 LT03760 LT04561 LU01432 LU03760 S008799 S015184 ST08799 ST15184)

Service	Details
LU04562	LU04562 M.C.S. ENTRIES = ++PTF (LU04562) DDL REDO FAILS ON ALTER TRIGGER ADD VERSION PROBLEM DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) fails with return code 16 when running a REDO DDL report over activity containing an ALTER TRIGGER ADD/REPLACE VERSION statement. SYMPTOMS: PLA execution ends with return code 16. Output contains LAE0364E error message: LAE0364E An error occurred in LAA@DOFS RETURN CODE : X'0000000C' REASON CODE1: X'00C0XXXXXXXXXXXXXXXXXXXX' Where the series of Xs represents the RBA/LRSN of the log record causing the error. IMPACT: REDO DDL report cannot be used over URs that contain the ALTER TRIGGER ADD/REPLACE VERSION statement. CIRCUMVENTION: Split reporting range or use exclude filtering to exclude any URs containing mentioned ALTER TRIGGER statement from the report. PRODUCT(S) AFFECTED: Log Analyzer for DB2 for z/OS Release 20.0 Related Problem: PLA 15890 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DDL REDO FAILS ON ALTER TRIGGER ADD VERSION). ++VER (Z038) FMID (CPLAK00) PRE (LU00672 LU01043 LU02230 LU02381 LU03250 LU03282 LU03316 LU03660 LU03925 LU04419 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S008802 S009083 S009133 S010677 S011113 S011419 S011669 S012797 S012889 S012900 S013009 S013625 S013879 S014137 S014613 S014866 S015220) SUP (LT02213 LT04562 LU02213 S014142 S014949 ST14142 ST14924 ST14949) CSECT(LAA@DOFS,#@XFCALR) .

Service	Details
LU04566	LU04566 M.C.S. ENTRIES = ++PTF (LU04566) DBD RELATED EXCEPTIONS MAY TRIGGER WHEN QISEDBDG ROLLS OVER PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS Subsystem exceptions, which use the field QISEDBDG, may falsely trip if a large amount of DBD requests takes place on the Db2 subsystem and the QISEDBDG field rolls over to zero. This fix prevents the exception from tripping in such cases. The field QISEDBDG remains at its original 4-byte length when used in an IQL request. SYMPTOMS: A Subsystem exception that uses the field QISEDBDG falsely trips at the time the QISEDBDG rolls over from approximately 4 billion to zero. IMPACT: An exception falsely trips. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 16039 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DBD RELATED EXCEPTIONS MAY TRIGGER WHEN QISEDBDG ROLLS OVER) . ++VER (Z038) FMID (CIDBK00) PRE (LU00282 LU00545 LU00697 LU01175 LU01556 LU01977 LU02033 LU02118 LU02340 LU02634 LU02646 LU02708 LU03091 LU03435 LU03929 LU04287 LU04374 LU04411 R096575 R097703 R099552 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S009556 S010160 S010906 S011616 S012536 S012769 S013557 S013891 S014099 S014754 S015070 S015647 S016300) SUP (LT01513 LT02439 LT04566 LU01513 LU02439) CSECT(AMXSSXC,AMXSSX) . CSECT(AMXSSXC,AMXSSX) . CSECT(AMXSSXC,AMXSSX) . CSECT(AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) .

Service	Details
LU04573	LU04573 M.C.S. ENTRIES = ++PTF (LU04573) ADD QM DATABASE W/O CRTR ,DROP ONLY, AND RCC READGCS SUPPORT ENHANCEMENT DESCRIPTION: The following features have been added to RC/Migrator for Db2 for z/OS (RCM) and RC/Compare for Db2 for z/OS (RCC): - Update Quick Migrate to support database object specifications without requiring a creator specification. - Update RCM and RCC batch analysis to add DROPONLY capability. - Update RCM and RCC batch analysis to add the ability to read global changes from a global change set. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCM 14210 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(ADD QM DATABASE W/O CRTR ,DROP ONLY, AND RCC READGCS SUPPORT). ++VER (Z038) FMID (CINSK00) PRE (LU00426 LU00446 LU03657 LU04149 LU04412 R097704 R099553 S001396 S004455 S004718 S006863 S007379 S008859 S008957 S009105 S010549 S011691 S011866 S011966 S012361 S012904 S012933 S013071 S014125 S014832 S015804) SUP (LT00639 LT04573 LU00639 S013878 ST13878)

Service	Details
LU04586	LU04586 M.C.S. ENTRIES = ++PTF (LU04586) UNLOAD AND REPORT DB2 DATA SHARING GROUP MEMBERS BY SSID ENHANCEMENT DESCRIPTION: This enhancement adds a new batch report parameter, DSG_MEMBER, in Detector for Db2 for z/OS (PDT). This parameter affects REPORTs and DATATYPE unloads only when the DSGROUP parameter is specified. When DSGROUP is specified with DSG_MEMBER=Y, the REPORT or DATATYPE unload produces separate metrics for each member of the data sharing group. When DSGROUP is specified with DSG_MEMBER=N (the default), the data for each member is aggregated as it was prior to this enhancement. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 15899 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC (UNLOAD AND REPORT DB2 DATA SHARING GROUP MEMBERS BY SSID). ++VER (Z038) FMID (CPDTK00) PRE (LU01982 LU02271 LU03998 LU04416 R096168 R099556 S001400 S004458 S006116 S012652 S013987 S014299 S014860 S016174) SUP (LT02286 LT04586 LU02286 S006237 ST06237)

Service	Details	
LU04616	LU04616 M.C.S. ENTRIES = ++PTF (LU04616)	
	HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS	
	PROBLEM DESCRIPTION:	
	Fast Load for Db2 for z/OS (PFL) has been enhanced to support multi-threaded VSAM DELETE/DEFINE operations for Db2 data sets when multiple Db2 data sets are defined. The number of parallel tasks is determined automatically.	
	SYMPTOMS:	
	Slow DELETE/DEFINE process when there are many PBR partitions.	
	IMPACT:	
	Slow DELETE/DEFINE process when there are many PBR partitions.	
	CIRCUMVENTION:	
	None.	
	PRODUCT(S) AFFECTED:	
	Fast Load for DB2 for z/OS	Version 20.0
	Related Problem:	
	PFL 15749	
	(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved	
	DESC(HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS).	
	++VER (Z038)	
	FMID (CPFLK00)	
	PRE (LU00178 LU00247 LU00436 LU00724 LU00983 LU01379	
	LU01720 LU02243 LU03191 LU03231 LU03684 LU04159	
	LU04417 R096581 R097708 R099557 S000018 S000704	
	S001401 S004857 S005012 S005502 S006117 S007170	
	S007811 S008071 S008378 S008428 S008584 S009977	
	S010752 S011235 S011325 S011431 S011520 S011601	
	S011846 S011946 S011996 S012128 S012150 S012275	
	S012526 S013066 S013097 S013175 S013203 S013765	
	S014031 S014772 S015015 S015484 S015738 S016089)	
	SUP (AS14772 LT02008 LT02258 LT02485 LT04616 LU02008	
	LU02258 LU02485 S015771 ST15771 TR99436)	
	++IF FMID(CPUTK00) REQ(LU04618) .	
	++IF FMID(CUGRK00) REQ(LU04619) .	
	++IF FMID(CINSK00) REQ(LU04621) .	
	++HOLD (LU04616) SYSTEM FMID(CPFLK00)	
	REASON (MSGSKEL) DATE (22048)	
	COMMENT (	
	+-----+	
	Fast Load for DB2 for z/OS	Version 20.0
	+-----+	
	SEQUENCE After Apply	
	+-----+	
	PURPOSE Relink XMESSAGES	
	+-----+	
	USERS	
	AFFECTED All Db2 Tools Users	
	+-----+	
	KNOWLEDGE	
	REQUIRED Db2 Tools Post Install Customization.	
	+-----+	
	ACCESS 1. Db2 Tools Post Install	

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

Service	Details
LU04618	LU04618 M.C.S. ENTRIES = ++PTF (LU04618) HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS PROBLEM DESCRIPTION: Fast Load for Db2 for z/OS (PFL) has been enhanced to support multi-threaded VSAM DELETE/DEFINE operations for Db2 data sets when multiple Db2 data sets are defined. The number of parallel tasks is determined automatically. SYMPTOMS: Slow DELETE/DEFINE process when there are many PBR partitions. IMPACT: Slow DELETE/DEFINE process when there are many PBR partitions. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 15749 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS). ++VER (Z038) FMID (CPUTK00) PRE (LU00140 LU00248 LU00727 LU01291 LU02007 LU02728 LU03192 LU03323 LU03847 LU04161 LU04427 R097717 R099566 S000024 S005016 S006127 S007172 S007820 S008072 S008380 S008429 S008586 S009978 S011085 S011521 S011999 S012153 S012529 S013098 S013205 S013767 S013961 S014502 S014567 S014773 S015486 S015740 S015939) SUP (BS07820 LT01868 LT01910 LT01930 LT04618 LU01930 S010495 ST08364 ST10495) ++IF FMID(CUGRK00) REQ(LU04619) . ++IF FMID(CINSK00) REQ(LU04621) . ++IF FMID(CPFLK00) REQ(LU04616) .

Service	Details
LU04619	LU04619 M.C.S. ENTRIES = ++PTF (LU04619) HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS PROBLEM DESCRIPTION: Fast Load for Db2 for z/OS (PFL) has been enhanced to support multi-threaded VSAM DELETE/DEFINE operations for Db2 data sets when multiple Db2 data sets are defined. The number of parallel tasks is determined automatically. SYMPTOMS: Slow DELETE/DEFINE process when there are many PBR partitions. IMPACT: Slow DELETE/DEFINE process when there are many PBR partitions. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 15749 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU04435 S000029 S005018 S013206) SUP (LT04619) ++IF FMID(CPUTK00) REQ(LU04618) . ++IF FMID(CINSK00) REQ(LU04621) . ++IF FMID(CPFLK00) REQ(LU04616) .

Service	Details
LU04621	LU04621 M.C.S. ENTRIES = ++PTF (LU04621) HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS PROBLEM DESCRIPTION: Fast Load for Db2 for z/OS (PFL) has been enhanced to support multi-threaded VSAM DELETE/DEFINE operations for Db2 data sets when multiple Db2 data sets are defined. The number of parallel tasks is determined automatically. SYMPTOMS: Slow DELETE/DEFINE process when there are many PBR partitions. IMPACT: Slow DELETE/DEFINE process when there are many PBR partitions. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 15749 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(HIGH ELAPSED TIME WITH LARGE NUMBER OF PARTITIONS). ++VER (Z038) FMID (CINSK00) PRE (LU00131 LU00254 LU00438 LU00723 LU01039 LU01405 LU02229 LU02726 LU03190 LU03657 LU04006 LU04412 R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004455 S006113 S007379 S007807 S008869 S009761 S010004 S010173 S011078 S011084 S012715 S012904 S014174 S014381 S014566 S015311 S015709 S015980) SUP (LT04621 ST12171) ++IF FMID(CPUTK00) REQ(LU04618) . ++IF FMID(CUGRK00) REQ(LU04619) . ++IF FMID(CPFLK00) REQ(LU04616) .

Service	Details
LU04636	LU04636 M.C.S. ENTRIES = ++PTF (LU04636) PQC - PRODUCT LICENSE PROCESSING ENHANCEMENT DESCRIPTION: We have updated our product license processing. PRODUCT(S) AFFECTED: Quick Copy for Db2 for z/OS VERSION 20.00 Related Problem: PQC 16031 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PQC - PRODUCT LICENSE PROCESSING). ++VER (Z038) FMID (CUGRK00) PRE (LU04370 LU04435 S000029 S000201 S001660 S006069 S006132 S006879 S009748 S009766 S009903 S011605 S012279 S012530 S013686 S013768 S015609 S015711) SUP (LT04636 S009974 ST09825 ST09907 ST09974)

Service	Details
LU04637	LU04637 M.C.S. ENTRIES = ++PTF (LU04637) INCORRECT LISTDEF STATEMENT GENERATED WHEN IBM REORG CALLED PROBLEM DESCRIPTION: Rapid Reorg for Db2 for z/OS (PRR) generates an incorrect LISTDEF statement when a tablespace name is enclosed in quotes in the SYSIN statement when IBM REORG is called for processing. For example, the problem occurs when one of the following SYSIN statements is specified: <pre>REORG TABLESPACE "DBNAME"."TSNAME" REORG TABLESPACE "DBNAME".TSNAME REORG TABLESPACE 'DBNAME'.'TSNAME'</pre> SYMPTOMS: The following error message is reported in the PTIMSG data set: <pre>"DSNUGTIS - INVALID CHARACTER OPERAND - "DBNAME"."TSNAME" REORG TABLESPACE</pre> IMPACT: The PRR job fails with Return Code 8. CIRCUMVENTION: Specify the tablespace name without quotes. PRODUCT(S) AFFECTED: Rapid Reorg for Db2 for z/OS Version 20.0 Related Problem: PRR 15464 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(INCORRECT LISTDEF STATEMENT GENERATED WHEN IBM REORG CALLED). ++VER (Z038) FMID (CPRRK00) PRE (LU00303 LU01351 LU03034 LU03212 LU03233 LU03733 LU04425 R096588 R097715 R098968 S000023 S001658 S004467 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 LT04637 S015585 ST11058 ST15159 ST15282 ST15289 ST15585)

Service	Details		
LU04653	LU04653 M.C.S. ENTRIES = ++PTF (LU04653) VIEW CONTENTS FOR BUFFER POOL ACTIVITY DISPLAY FIX PROBLEM DESCRIPTION: There is an issue with the data that should be displayed on the SS Analyzer Buffer Pool Contents Summary panel. SYMPTOMS: In certain circumstances an infinite loop can occur preventing any additional navigation. IMPACT: The user is froozen and thus prevented from performing any further actions on the LPAR. The user must be logged off the LPAR. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Subsystem Analyzer for Db2 for z/OS Version 20.0 Related Problem: PSA 16054 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(VIEW CONTENTS FOR BUFFER POOL ACTIVITY DISPLAY FIX). ++VER (Z038) FMID (CPSAK00) PRE (LU03116 LU04232 LU04426 S008393 S012539 S012926) SUP (LT04653) ++HOLD (LU04653) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (22040) COMMENT (<table border="1"> <tr> <td>Subsystem Analyzer for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> SEQUENCE Before Apply PURPOSE Avoidance of module mismatch related errors in an Xmanager USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. ACCESS 1. Product runtime libraries. REQUIRED ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task.	Subsystem Analyzer for Db2 for z/OS	Version 20.0
Subsystem Analyzer for Db2 for z/OS	Version 20.0		

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

Service	Details
LU04654	LU04654 M.C.S. ENTRIES = ++PTF (LU04654) SYMBOL %DSNQUAL3 RESOLVES TO TID WITHOUT OBJECT IDENTIFIER PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM) and the DB2 Tools Post-Install compare Db2 Objects customization task, the symbolic parameter %DSNQUAL3 is not resolved correctly for the Online Reorg utility, when the Recovery option is requested. This may result in duplicate dataset names. SYMPTOMS: %DSNQUAL3 is resolved to 'TID' and is missing the object identifier of the table being altered. File allocations using %DSNQUAL3 as a qualifier may not be unique. For example: ALLOC FI (PTIUNLD) DA('USERID.DBNAME.TID.D%DATE.UNLD') <== OBID missing after 'TID' MOD CATALOG UNIT(SYSALLDA) SPACE(1,1) CYL The execution may fail with the following message: IGD17101I DATA SET DB2WADM.PTDB.TID.D1220107.UNLD NOT DEFINED BECAUSE DUPLICATE NAME EXISTS IN CATALOG RETURN CODE IS 8 REASON CODE IS 38 IGGOCLEH RETCODE = 8 IMPACT: The execution of the DDL script is incomplete. CIRCUMVENTION: Analyze the strategy without using the Recovery analysis option. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16095 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC (SYMBOL %DSNQUAL3 RESOLVES TO TID WITHOUT OBJECT IDENTIFIER). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03142 LU03657 LU03856 LU04149 LU04412 RO97704 RO99553 S001396 S004455 S004718 S006113 S006638 S006863 S007379 S008957 S009105 S010974 S011691 S011866 S011966 S012361 S012933 S013154 S014832 S015804) SUP (LT03391 LT04654 LU03391 S009790 S010815 ST09790 ST10815)

Service	Details
LU04656	LU04656 M.C.S. ENTRIES = ++PTF (LU04656) NEW AOT (ACCELERATOR ONLY TABLE) IN RCQ T-AC REPORT ENHANCEMENT DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), a new AOT (accelerator-only table) column has been added to the Table Accelerator (T-AC) report. This column will display YES if the table is an AOT. Otherwise, the column will display NO. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 15845 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(NEW AOT (ACCELERATOR ONLY TABLE) IN RCQ T-AC REPORT). ++VER (Z038) FMID (CINSK00) PRE (LU01705 LU02029 LU03314 LU04412 R097704 R099553 S001396 S004455 S006113 S010162) SUP (LT04656) ++IF FMID(CRCQK00) REQ(LU04657) . ++HOLD (LU04656) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (22040) COMMENT (<pre> +-----+ DB2 Common Components Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with </pre>

Service	Details
	the plans being used by the data collectors.).

Service	Details
LU04657	LU04657 M.C.S. ENTRIES = ++PTF (LU04657) NEW AOT (ACCELERATOR ONLY TABLE) IN RCQ T-AC REPORT ENHANCEMENT DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), a new AOT (accelerator-only table) column has been added to the Table Accelerator (T-AC) report. This column will display YES if the table is an AOT. Otherwise, the column will display NO. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 15845 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(NEW AOT (ACCELERATOR ONLY TABLE) IN RCQ T-AC REPORT). ++VER (Z038) FMID (CRCQK00) PRE (LU01208 LU01410 LU01706 LU02030 LU02665 LU03220 LU04430 R096593 R097719 R099569 S001414 S004437 S004471 S006128 S006875 S007822 S008232 S010321 S010468 S013083 S014101 S014307) SUP (LT04657) ++IF FMID(CINSK00) REQ(LU04656) . ++HOLD (LU04657) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (22040) COMMENT (<pre> +-----+ RC/Query for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors </pre>

Service	Details
	first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). CSECT (RQAAL,RPTSVCST) . CSECT (RQABT,RPTSVCST) . CSECT (RQADBT,RPTSVCST) . CSECT (RQAOD,RPTSVCST) . CSECT (RQASGT,RPTSVCST) . CSECT (RQATA,RPTSVCST) . CSECT (RQATAC,RPTSVCST) . CSECT (RQATC,RPTSVCST) . CSECT (RQATDI,RPTSVCST) . CSECT (RQATL,RPTSVCST) . CSECT (RQATST,RPTSVCST) . CSECT (RQATUA,RPTSVCST) . CSECT (RQATV,RPTSVCST) . CSECT (RQAVCT,RPTSVCST) .

Service	Details
LU04675	LU04675 M.C.S. ENTRIES = ++PTF (LU04675) DATA FORMAT TYPE CONVERSIONS ENHANCEMENT ENHANCEMENT DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) allows you to convert various data formats using INTO field specifications. The following data format conversion options have been added: DECIMAL to SMALLINT EXTERNAL DECIMAL to BIGINT EXTERNAL CHARACTER to SMALLINT EXTERNAL CHARACTER to BIGINT EXTERNAL VARCHAR to SMALLINT EXTERNAL VARCHAR to BIGINT EXTERNAL BIGINT to SMALLINT EXTERNAL SMALLINT to BIGINT EXTERNAL INTEGER to BIGINT EXTERNAL PRODUCT(S) AFFECTED: Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 16158 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DATA FORMAT TYPE CONVERSIONS ENHANCEMENT). ++VER (Z038) FMID (CPFUK00) PRE (LU04418 RO99558 S001402 S001818 S004460 S006118 S011997 S016195) SUP (LT01165 LT04675 LU01165 S011013 ST11013)

Service	Details
LU04732	LU04732 M.C.S. ENTRIES = ++PTF (LU04732) PFR ERROR PFR0447E WHILE READING PAGES FROM LOB TABLESPACE PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) ends with PFR0447E error when recovering a multi-volume LOB tablespace with SORTLOG NO option. This error occurs while reading pages starting from the second Db2 VSAM data set of the concerned multi-volume LOB tablespace. SYMPTOMS: PFR ends with PFR0447E error and the recovery is terminated. PFR0447E - AN ERROR OCCURRED READING PAGE: X'pagenum' OF OBJECT 'dbname.tsname' POSSIBLE REASON: - PGCOMB NOT SYNCHRONIZED WITH PGEND - PGFLAGS INDICATES INCONSISTENT DATA IMPACT: PFR is not able to recover a multi-volume LOB tablespace with SORTLOG NO option. CIRCUMVENTION: Use PFR with SORTLOG YES option to recover a multi-volume LOB tablespace. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 16159 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PFR ERROR PFR0447E WHILE READING PAGES FROM LOB TABLESPACE). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU03214 LU03759 LU04435) SUP (LT01127 LT01534 LT04732 LU01127 LU01534)

Service	Details
LU04733	LU04733 M.C.S. ENTRIES = ++PTF (LU04733) DATABASE ACTIVITY DETAIL DISPLAYS INCORRECT VALUES PROBLEM DESCRIPTION: Subsystem Analyzer displays a value of zero instead of the valid value for the TS_GETPAGE and IS_GETPAGE columns on the Database Activity Display and Database Activity Detail Display panels. This also causes the TS_BUFHIT and IS_BUFHIT columns to display a blank value instead of the correct percentage. SYMPTOMS: Subsystem Analyzer displays incorrect values for these columns on the Database Activity Display and Database Activity Detail Display panels. TS_GETPAGE IS_GETPAGE TS_BUFHIT IS_BUFHIT IMPACT: Invalid statistics are being displayed by Subsystem Analyzer. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Subsystem Analyzer for Db2 for z/OS Version 20.0 Related Problem: PSA 15269 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC (DATABASE ACTIVITY DETAIL DISPLAYS INCORRECT VALUES). ++VER (Z038) FMID (CPSAK00) PRE (LU04426 R098251 S012926 S014681) SUP (LT04733) ++HOLD (LU04733) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (22045) COMMENT (<pre> +-----+ Subsystem Analyzer for Db2 for z/OS Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * </pre>

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

Service	Details
LU04746	LU04746 M.C.S. ENTRIES = ++PTF (LU04746) DDL00002 ISSUED IF ICL INCLUDES NO CACHE FOR COLUMNS PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), an ICL analysis issues a DDL00002 message when the ICL ALTER for an identity column includes 'NO CACHE'. SYMPTOMS: ALTER TABLE <TBCreator>.<TBName> ALTER COLUMN <Colname> #NO# CACHE# DDL00002: Invalid token NO. Valid tokens are: COLNAME PRECEDES FOLLOWS NOT NULLABLE FOR COLCOMMENT COLLABEL <COLUMN-TYPE> FIELDPROC FIELDPARM HIDDEN IMPACT: DDL will not be generated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 16189 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DDL00002 ISSUED IF ICL INCLUDES NO CACHE FOR COLUMNS). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04412 LU04463 R099553 S001396 S004455 S004718 S007379 S009105 S011691 S011966 S012361 S012933 S014125 S014832) SUP (LT01151 LT02053 LT03291 LT04746 LU01151 LU02053 LU03291 S016088 ST16088)

Service	Details
LU04788	LU04788 M.C.S. ENTRIES = ++PTF (LU04788) DML REPORT ALTER TABLESPACE MOVE TABLE OPTION SUPPORT ENHANCEMENT DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) DML reporting allows the user to properly report on tables moved with the ALTER TABLESPACE statement MOVE TABLE option. The DML report shows correctly formatted data of activity before and after the table move when the necessary tablespaces and image copies exist. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 16143 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DML REPORT ALTER TABLESPACE MOVE TABLE OPTION SUPPORT). ++VER (Z038) FMID (CPLAK00) PRE (LU00238 LU00597 LU00940 LU01538 LU01950 LU02381 LU03250 LU04419 R096583 R099559 S000020 S000975 S001403 S004245 S004461 S007813 S008008 S008802 S009333 S011669 S012889 S014033) SUP (LT04788) CSECT(LAA@RDML, #@XFCALN, LAIXMSG) . CSECT(LAA@RDMS, #@XFCALN, LAIXMSG) .

Service	Details																												
LU04789	LU04789 M.C.S. ENTRIES = ++PTF (LU04789) IN FILE SUMMARY MESSAGES ENHANCEMENT DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) has been enhanced to print WHERE clause IN FILE summary messages: PFU0358I - IN FILE SUMMARY: COLUMN NAME : &COLUMN. COLUMN TYPE : &TYPE. DD NAME : &DD. RECORDS READ : &RECORDS. PRODUCT(S) AFFECTED: Fast Unload for Db2 for z/OS Version 20.0 Related Problem: PFU 16162 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(IN FILE SUMMARY MESSAGES). ++VER (Z038) FMID (CPFUK00) PRE (LU00281 LU00302 LU00886 LU01350 LU01939 LU02006 LU02727 LU03032 LU03211 LU03265 LU03353 LU03732 LU04160 LU04418 R099558 S000019 S001402 S001818 S004460 S006118 S006867 S007812 S008860 S009025 S010043 S011108 S011236 S011997 S012151 S013151 S013707 S014984 S015236 S016195) SUP (LT02822 LT03039 LT04789 ST13123 ST15158) ++HOLD (LU04789) SYSTEM FMID(CPFUK00) REASON (MSGSKEL) DATE (22048) COMMENT (<table><tr><td> </td><td>Fast Unload for DB2 for z/OS</td><td>Version 20.0</td><td> </td></tr></table> <table><tr><td> SEQUENCE</td><td> After Apply</td><td> </td></tr></table> <table><tr><td> PURPOSE</td><td> Relink XMESSAGES</td><td> </td></tr></table> <table><tr><td> USERS</td><td> </td><td> </td></tr></table> <table><tr><td> AFFECTED</td><td> All Db2 Tools Users</td><td> </td></tr></table> <table><tr><td> KNOWLEDGE</td><td> </td><td> </td></tr></table> <table><tr><td> REQUIRED</td><td> Db2 Tools Post Install Customization.</td><td> </td></tr></table> <table><tr><td> ACCESS</td><td> 1. Db2 Tools Post Install</td><td> </td></tr><tr><td> REQUIRED</td><td> 2. BIND Authority on Db2 subsystems</td><td> </td></tr></table> ***** * 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.		Fast Unload for DB2 for z/OS	Version 20.0		SEQUENCE	After Apply		PURPOSE	Relink XMESSAGES		USERS			AFFECTED	All Db2 Tools Users		KNOWLEDGE			REQUIRED	Db2 Tools Post Install Customization.		ACCESS	1. Db2 Tools Post Install		REQUIRED	2. BIND Authority on Db2 subsystems	
	Fast Unload for DB2 for z/OS	Version 20.0																											
SEQUENCE	After Apply																												
PURPOSE	Relink XMESSAGES																												
USERS																													
AFFECTED	All Db2 Tools Users																												
KNOWLEDGE																													
REQUIRED	Db2 Tools Post Install Customization.																												
ACCESS	1. Db2 Tools Post Install																												
REQUIRED	2. BIND Authority on Db2 subsystems																												

Service	Details
	Refer to the Post Installation and Customization Guide for details.).

Service	Details
LU04795	LU04795 M.C.S. ENTRIES = ++PTF (LU04795) The following items are included in this solution: 1. STORAGE LEAK IN XMANAGER ADDRESS SPACE FOLLOWING LU03710 2. DETECTOR MAY ABEND WITH S13C DURING COLLECTION STARTUP ===== STORAGE LEAK IN XMANAGER ADDRESS SPACE FOLLOWING LU03710 PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) leaks Xmanager address space storage during interval end processing after PTF LU03710 is applied. SYMPTOMS: Slow growth of storage allocated in subpools 101 and 102. IMPACT: Xmanager will eventually go short on storage and terminate. CIRCUMVENTION: This problem can be circumvented by adding the follow JCL card to the Xmanager JCL: //EXTNOZIP DD DUMMY PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 16203 ===== DETECTOR MAY ABEND WITH S13C DURING COLLECTION STARTUP PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) may incur an S13C abend during collection startup. SYMPTOMS: The following abend information is collected in the Xmanager log: PDT0103 DETECTOR TERM COMPLETE FOR DB2=D11B COUNT=0001 IEA995I SYMPTOM DUMP OUTPUT 295 SYSTEM COMPLETION CODE=13C REASON CODE=00000008 TIME=16.13.20 SEQ=42960 CPU=0000 ASID=XXXX PSW AT TIME OF ERROR 070C0000 8133AE18 ILC 2 INTC 0D NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 0133AE12 - 8413C000 0A0D0133 9BF00000 GR 0: 7FFF86E8 1: 8413C000 2: 7F4C6018 3: 0000BC0B 4: 00001900 5: 00001958 6: 00FD5B88 7: 7F325010 8: 007B4780 9: 00FE2800 A: 007FE798 B: 007B7C80 C: 0133AE18 D: 7FFF86E8 E: 00000000 F: 00000008 END OF SYMPTOM DUMP An SVC dump is generated for the S13C abend. Xmanager may incur an S13E abend as a secondary symptom of the S13C abend. The following messages may appear in the Xmanager log. PDT0102 DETECTOR TERM IN PROGRESS FOR DB2=XXXX USER=CONSOLE PDT0216 DYNAMIC COLLECTION S13E ABEND INCURRED/TERMINATION FORCE IMPACT: Detector encounters an S13C and S13E abends and the collection

Service	Details
	does not start. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 16205 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(STORAGE LEAK IN XMANAGER ADDRESS SPACE FOLLOWING LU03710). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00524 LU00549 LU00768 LU00938 LU01542 LU02944 LU03461 LU03710 LU03809 LU03917 LU04231 LU04356 LU04416 R096580 R097707 R098088 R098429 S001400 S003942 S004458 S004757 S006116 S006334 S007810 S008204 S008244 S010521 S010908 S011694 S013889 S014338 S014397 S014782 S016174) SUP (AL03710 AL03917 LT04339 LT04792 LT04795 LU04339 ST11973) ++HOLD (LU04795) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22055) COMMENT (<pre> +-----+ Detector for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the </pre>

Service	Details
	operating system/Db2 including possible failures.).

Service	Details
LU04803	LU04803 M.C.S. ENTRIES = ++PTF (LU04803) SUPPORT FOR NEW DB2 12 RDS SORT AND DB2ZAI FIELDS ENHANCEMENT DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) adds support for new Db2 12 fields to the STATS2/CURR-STATS2 (IFCID 2/1002) and ACCT/THREAD-STATS (IFCID 3/148) Db2 trace records. The following Db2 12 fields were added: RDS-SORT-PERFORMED (QXSTSRT) - Specifies the number of times that RDS Sort was performed. RDS-SORT-USED-ZSORT (QXSTRTL) - Specifies the number of times that RDS Sort used the IBM Integrate Accelerator for Z Sort (SORTL). ZAI-PREPARE-STABILIZED (QXSTMSFND) - Specifies the number of times that a PREPARE request was satisfied because Db2ZAI stabilized the statement. ZAI-SORT-FEEDBACK (QXSTMSRT) - Specifies the number of times that Db2ZAI sort feedback was used. New RDS Sort fields were added to the following reports: PRLMISC, HSTPRLMS, HSUPRLMS, THRDPRMS, HTHDPRMS, HTUDPRMS, DSQSTATS, DSQTHD, DSQHIST, BTACTSML, BTACTTRL, BTSTATR1, BTSTASM2. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 16035 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(SUPPORT FOR NEW DB2 12 RDS SORT AND DB2ZAI FIELDS). ++VER (Z038) FMID (CIDBK00) PRE (LU00545 LU00697 LU01030 LU01175 LU01977 LU02033 LU02340 LU02428 LU02634 LU02646 LU03091 LU03286 LU03348 LU03435 LU03929 LU04097 LU04287 LU04374 LU04411 LU04498 LU04566 R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010739 S010906 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014754 S015049 S015070 S015254 S015647 S016270 S016300) SUP (AL02340 LT00159 LT00282 LT01581 LT01845 LT02439 LT02708 LT03673 LT04803 LU00159 LU00282 LU01581 LU01845 LU02439 LU02708 LU03673 ST04950) CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXDBOBC,AMXDBOB) . CSECT (AMXSXMM) . CSECT (AMXSXPC,AMXSXPM,ESTAERTN,POSTME) . CSECT (AMXXCDBM) . CSECT (AMXXCSQM) . CSECT (AMXXC3C,AMXXC3) . CSECT (IFCIDSCS) . CSECT (NCCEXCPC,NCCEXCPM) . CSECT (NDDELTA,NDDELTA) . CSECT (NGR1042C,NGR1042) . CSECT (NPLEXDAT,NPLEXSYM,SYMTBLE) .

Service	Details
LU04818	LU04818 M.C.S. ENTRIES = ++PTF (LU04818) GENERIC GBP**** SUBSYSTEM EXCEPTIONS ARE NEVER TRIGGERED PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) subsystem exceptions fields from the section "Group Buffer Pool Stats Generically Applied to Each GBP" are always zero. SYMPTOMS: Subsystem exceptions based on the generic GBP**** fields are never triggered. IMPACT: Unexpected behavior of group buffer pool exceptions. CIRCUMVENTION: Create subsystem exceptions that are based on fields for each explicitly specified group buffer pool (fields from the section "Group Buffer Pool Statistics for Specific GBP (QBGL)"). PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 16208 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC (GENERIC GBP**** SUBSYSTEM EXCEPTIONS ARE NEVER TRIGGERED). ++VER (Z038) FMID (CIDBK00) PRE (LU00545 LU01175 LU02646 LU04374 LU04411 LU04566 LU04803 S004454 S008846 S012769 S013557 S013891 S014099 S015070 S015647) SUP (LT04818)

Service	Details
LU04834	LU04834 M.C.S. ENTRIES = ++PTF (LU04834) TS-D REPORT SHOWS INCORRECT VALUES FOR MAXPARTITIONS PROBLEM DESCRIPTION: In RC/Query for DB2 for z/OS (RCQ), on the Tablespace-Detail(TS-D) report, the MAX PARTS field shows an incorrect value, when MAXPARTITIONS is greater than 99. SYMPTOMS: The MAX PARTS field is truncated to 2 characters on the TS-D report. IMPACT: The maximum number of partitions associated in the Tablespace cannot be determined. CIRCUMVENTION: Use the Tablespace-List (TS-L) report to determine the the correct MAXPARTITIONS value. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 16187 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(TS-D REPORT SHOWS INCORRECT VALUES FOR MAXPARTITIONS). ++VER (Z038) FMID (CRCQK00) PRE (LU00532 LU04430 R099569 S001414 S004471 S006875 S007822 S009129 S010321) SUP (LT04834) CSECT(RQAPPK,RPTSVCSST).

Service	Details
LU04842	LU04842 M.C.S. ENTRIES = ++PTF (LU04842) DML REPORT ABENDS WITH MESSAGE LAE0071W AND RETURN CODE 20 PROBLEM DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) DML reports may fail with message LAE0071W and return code 20. The problem occurs when PLA reports on compressed data for a tablespace that has been migrated from segmented to PBG. The migration is the result of an ALTER TABLESPACE statement and MAXPARTITIONS is specified for the segmented tablespace. SYMPTOMS: A DML report fails with return code 20 and the following message appears in the joblog: LAE0071W Unable to build expansion dictionary for dbname.tsname instance 0001. from Image Copy dsname Reason = 0024. IMPACT: PLA abends and the report output is not provided. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 16057 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DML REPORT ABENDS WITH MESSAGE LAE0071W AND RETURN CODE 20). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00356 LU00597 LU01538 LU01950 LU01985 LU02062 LU02381 LU03250 LU04419 R096583 R099559 S000975 S004245 S004461 S007813 S008008 S008802 S009333 S010677 S011669 S012487 S012889 S014033 S015895) SUP (LT03731 LT04842 LU03731)

Service	Details
LU04855	LU04855 M.C.S. ENTRIES = ++PTF (LU04855) ENHANCE XNET INTERNAL AGENT - JDBC, DB2 LIB, & DSNAMES DATA ENHANCEMENT DESCRIPTION: Add new data request support to: - retrieve JDBC information from Xmanager. - retrieve Db2 library from Xmanager (SETUPxx member) - retrieve DSNAMESxx member data from Xmanager (DSNAMESxx) PRODUCT(S) AFFECTED: XNET COMMUNICATIONS SERVER Version 20.0 Related Problem: PXN 16170 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(ENHANCE XNET INTERNAL AGENT - JDBC, DB2 LIB, & DSNAMES DATA). ++VER (Z038) FMID (CPXNK00) PRE (LU01992 LU04428) SUP (LT04855) ++IF FMID(CINSK00) REQ(LU04452) . ++HOLD (LU04855) SYSTEM FMID(CPXNK00) REASON (DOC) DATE (22054) COMMENT (<pre> +-----+ XNET COMMUNICATIONS SERVER Version 20.0 +-----+ ***** * PUBLICATION * ***** This is an enhancement to an internal Xnet agent XNET-AGENT-WEB. Three new information requests are added to retrieve: - Db2 subsystem JDBC information - a list of DSNs concatenated for DDNAMES of Xmanager DSNAMESxx member - a concatenated list of Db2 libraies for Xmanager SETUPxx member).</pre>

Service	Details
LU04857	LU04857 M.C.S. ENTRIES = ++PTF (LU04857) USER ABEND 0070 RESULTS WHEN USING DATA COPY OPTION PROBLEM DESCRIPTION: RC/Update for Db2 for z/OS (RCU) results in a U0070 abend when using the Table Data Copy option to specify objects. SYMPTOMS: U0070 Abend. IMPACT: Customer cannot use the Table Data Copy feature. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Update for Db2 for z/OS Version 20.0 Related Problem: RCU 16276 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(USER ABEND 0070 RESULTS WHEN USING DATA COPY OPTION). ++VER (Z038) FMID (CINSK00) PRE (LU03657 LU04094 LU04149 LU04412 S011866) SUP (LT04857) CSECT(ROALIST2,ROXLIST2).

Service	Details
LU04868	LU04868 M.C.S. ENTRIES = ++PTF (LU04868) CONSISTENT UNLOAD SUPPORT ENHANCEMENT DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) has been enhanced to perform consistent unloads. PFU will unload data from dynamically created flashcop(ies) that ensures a consistent point in time. Read / write access to the table is permitted during this processing. PRODUCT(S) AFFECTED: Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 14417 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01885-D200 DESC(CONSISTENT UNLOAD SUPPORT). ++VER (Z038) FMID (CPFUK00) PRE (LU00281 LU00302 LU00886 LU01350 LU01939 LU02006 LU02470 LU02727 LU03032 LU03211 LU03265 LU03353 LU03732 LU04418 LU04789 R096582 R099558 S000019 S001402 S001818 S004460 S006118 S006867 S007171 S007812 S008068 S008112 S008860 S009025 S010043 S010175 S011108 S011236 S011997 S012108 S012151 S012197 S013151 S013707 S013766 S013960 S014382 S014501 S014984 S015236 S016195) SUP (AS10023 AS10175 BS12108 LT01727 LT01931 LT02822 LT03039 LT04863 LT04866 LT04868 LU01727 S008352 S009675 S010023 S010107 S010442 S015767 ST08352 ST09675 ST10023 ST10106 ST10107 ST10442 ST13123 ST15158 ST15767) ++IF FMID(CPUTK00) REQ(LU04869) . ++IF FMID(CUGRK00) REQ(LU04870) . ++HOLD (LU04868) SYSTEM FMID(CPFUK00) REASON (MSGSKEL) DATE (22059) COMMENT (Fast Unload for DB2 for z/OS Version 20.0 SEQUENCE After Apply PURPOSE Relink XMESSAGES USERS AFFECTED All Db2 Tools Users KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems ***** * STEPS TO PERFORM *

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

Service	Details
LU04869	LU04869 M.C.S. ENTRIES = ++PTF (LU04869) CONSISTENT UNLOAD SUPPORT ENHANCEMENT DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) has been enhanced to perform consistent unloads. PFU will unload data from dynamically created flashcop(ies) that ensures a consistent point in time. Read / write access to the table is permitted during this processing. PRODUCT(S) AFFECTED: Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 14417 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01885-D200 DESC(CONSISTENT UNLOAD SUPPORT). ++VER (Z038) FMID (CPUTK00) PRE (LU03234 LU04427 S000024 S006127 S011999 S012153 S014567) SUP (LT04869) ++IF FMID(CUGRK00) REQ(LU04870) . ++IF FMID(CPFUK00) REQ(LU04868) .

Service	Details
LU04870	LU04870 M.C.S. ENTRIES = ++PTF (LU04870) CONSISTENT UNLOAD SUPPORT ENHANCEMENT DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) has been enhanced to perform consistent unloads. PFU will unload data from dynamically created flashcop(ies) that ensures a consistent point in time. Read / write access to the table is permitted during this processing. PRODUCT(S) AFFECTED: Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 14417 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R01885-D200 DESC(CONSISTENT UNLOAD SUPPORT). ++VER (Z038) FMID (CUGRK00) PRE (LU04435 S000029 S000201 S001660 S003677 S006879 S009903 S010044 S010819 S011605 S013768) SUP (LT04864 LT04867 LT04870) ++IF FMID(CPUTK00) REQ(LU04869) . ++IF FMID(CPFUK00) REQ(LU04868) .

Service	Details	
LU04880	LU04880 M.C.S. ENTRIES = ++PTF (LU04880)	
	PRA - PRODUCT LICENSE PROCESSING	
	ENHANCEMENT DESCRIPTION:	
	We have updated our product license processing.	
	PRODUCT(S) AFFECTED:	
	Recovery Analyzer for Db2 for z/OS	VERSION 20.0
	Related Problem:	
	PRA 16193	
	(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved	
	DESC(PRA - PRODUCT LICENSE PROCESSING).	
	++VER (Z038)	
	FMID (CPRAK00)	
	PRE (LU01181 LU03706 LU04421 R099561 S000022 S009714)	
	SUP (LT04880)	
	CSECT(PRA\$MAIN,PRA\$CVT) .	
	CSECT(PRA#ARCL,PRA\$CVT,#@XFCALN) .	
	CSECT(PRA#CMDS,PRA\$CVT) .	
	CSECT(PRA#MAIN,PRA\$CVT) .	
	CSECT(PRA#PITR,PRA\$CVT) .	
	MCS LU04369	STARTS ON PAGE 0002
	MCS LU04370	STARTS ON PAGE 0005
	MCS LU04444	STARTS ON PAGE 0006
	MCS LU04452	STARTS ON PAGE 0007
	MCS LU04458	STARTS ON PAGE 0011
	MCS LU04459	STARTS ON PAGE 0012
	MCS LU04463	STARTS ON PAGE 0013
	MCS LU04464	STARTS ON PAGE 0020
	MCS LU04483	STARTS ON PAGE 0020
	MCS LU04484	STARTS ON PAGE 0021
	MCS LU04485	STARTS ON PAGE 0024
	MCS LU04486	STARTS ON PAGE 0025
	MCS LU04488	STARTS ON PAGE 0035
	MCS LU04489	STARTS ON PAGE 0035
	MCS LU04490	STARTS ON PAGE 0036
	MCS LU04493	STARTS ON PAGE 0037
	MCS LU04498	STARTS ON PAGE 0039
	MCS LU04529	STARTS ON PAGE 0040
	MCS LU04530	STARTS ON PAGE 0041
	MCS LU04561	STARTS ON PAGE 0041
	MCS LU04562	STARTS ON PAGE 0042
	MCS LU04566	STARTS ON PAGE 0043
	MCS LU04573	STARTS ON PAGE 0044
	MCS LU04586	STARTS ON PAGE 0046
	MCS LU04616	STARTS ON PAGE 0047
	MCS LU04618	STARTS ON PAGE 0049
	MCS LU04619	STARTS ON PAGE 0051
	MCS LU04621	STARTS ON PAGE 0052
	MCS LU04636	STARTS ON PAGE 0053
	MCS LU04637	STARTS ON PAGE 0053
	MCS LU04653	STARTS ON PAGE 0054
	MCS LU04654	STARTS ON PAGE 0056
	MCS LU04656	STARTS ON PAGE 0057

Service	Details		
	MCS	LU04657	STARTS ON PAGE 0059
	MCS	LU04675	STARTS ON PAGE 0061
	MCS	LU04732	STARTS ON PAGE 0062
	MCS	LU04733	STARTS ON PAGE 0063
	MCS	LU04746	STARTS ON PAGE 0065
	MCS	LU04788	STARTS ON PAGE 0066
	MCS	LU04789	STARTS ON PAGE 0066
	MCS	LU04795	STARTS ON PAGE 0068
	MCS	LU04803	STARTS ON PAGE 0071
	MCS	LU04818	STARTS ON PAGE 0073
	MCS	LU04834	STARTS ON PAGE 0074
	MCS	LU04842	STARTS ON PAGE 0074
	MCS	LU04855	STARTS ON PAGE 0075
	MCS	LU04857	STARTS ON PAGE 0077
	MCS	LU04868	STARTS ON PAGE 0078
	MCS	LU04869	STARTS ON PAGE 0081
	MCS	LU04870	STARTS ON PAGE 0082
	MCS	LU04880	STARTS ON PAGE 0082

DB2 Tools 20.0
CA RS 2203 Product/Component Listing

87

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

The CA RS 2203 Product/Component Count for this release is 27

CA RS Level	Service	FMID
CAR2203	LU04880	CPRAK00
	LU04870	CUGRK00
	LU04869	CPUTK00
	LU04868	CPFUK00
	LU04857	CINSK00
	LU04855	CPXNK00
	LU04842	CPLAK00
	LU04834	CRCQK00
	LU04818	CIDBK00
	LU04803	CIDBK00
	LU04795	CPDTK00
	LU04789	CPFUK00
	LU04788	CPLAK00
	LU04746	CINSK00
	LU04733	CPSAK00
	LU04732	CUGRK00
	LU04675	CPFUK00
	LU04657	CRCQK00
	LU04656	CINSK00
	LU04654	CINSK00
	LU04653	CPSAK00
	LU04637	CPRRK00
	LU04636	CUGRK00
	LU04621	CINSK00
	LU04619	CUGRK00
	LU04618	CPUTK00
	LU04616	CPFLK00
	LU04586	CPDTK00
	LU04573	CINSK00
	LU04566	CIDBK00
	LU04562	CPLAK00
	LU04561	CSQ2100
	LU04530	CRCQK00
	LU04529	CINSK00
	LU04498	CIDBK00
	LU04493	CINSK00
	LU04490	CPDTK00
	LU04489	CRCMK00
	LU04488	CINSK00
	LU04486	CPPAK00
	LU04485	CPBAK00
	LU04484	CINSK00
	LU04483	CINSK00
	LU04464	CRCMK00
	LU04463	CINSK00
	LU04459	CINSK00
	LU04458	CINSK00

CA RS Level	Service	FMID
	LU04452	CINSK00
	LU04444	COFSK00
	LU04370	CUGRK00
	LU04369	CINSK00
CAR2202	LU04462	CSQ2100
	LU04443	CINSK00
	LU04436	CUTSK00
	LU04435	CUGRK00
	LU04434	CTGRK00
	LU04433	CRCXK00
	LU04432	CRCUK00
	LU04431	CRCSK00
	LU04430	CRCQK00
	LU04429	CRCMK00
	LU04428	CPXNK00
	LU04427	CPUTK00
	LU04426	CPSAK00
	LU04425	CPRRK00
	LU04422	CPRFK00
	LU04421	CPRAK00
	LU04420	CPPAK00
	LU04419	CPLAK00
	LU04418	CPFUK00
	LU04417	CPFLK00
	LU04416	CPDTK00
	LU04415	CPDAK00
	LU04414	CPBAK00
	LU04413	COFSK00
	LU04412	CINSK00
	LU04411	CIDBK00
	LU04409	CAHOK00
	LU04405	CINSK00
	LU04400	CINSK00
	LU04399	CINSK00
	LU04376	CINSK00
	LU04374	CIDBK00
	LU04371	CIDBK00
	LU04358	CTGRK00
	LU04357	CPSAK00
	LU04356	CPDTK00
	LU04355	CINSK00
	LU04354	CIDBK00
	LU04339	CPDTK00
	LU04287	CIDBK00
	LU04282	CIDBK00
	LU04264	CINSK00
	LU04263	CPDTK00

CA RS Level	Service	FMID
	LU04262	CINSK00
	LU04244	CRCQK00
	LU04243	CINSK00
	LU04232	CPSAK00
	LU04231	CPDTK00
	LU04230	CINSK00
	LU04229	CIDBK00
	LU04222	CIDBK00
	LU04221	CPDAK00
	LU04220	CINSK00
	LU04217	CIDBK00
	LU04202	COFSK00
	LU04167	CINSK00
	LU04161	CPUTK00
	LU04160	CPFUK00
	LU04159	CPFLK00
	LU04151	CRCXK00
	LU04150	CRCUK00
	LU04149	CINSK00
	LU04146	CINSK00
	LU04136	CINSK00
	LU04123	CPUTK00
	LU04122	CPDAK00
	LU04121	CINSK00
	LU04100	CIDBK00
	LU04097	CIDBK00
	LU04085	COFSK00
	LU04084	CINSK00
	LU04082	CINSK00
	LU04006	CINSK00
	LU04004	CPLAK00
	LU03822	CPPAK00
	LU02151	CINSK00
CAR2201	LU04094	CINSK00
	LU04027	CIDBK00
	LU04026	CIDBK00
	LU04015	CPDTK00
	LU03998	CPDTK00
	LU03997	CINSK00
	LU03961	CINSK00
	LU03955	CINSK00
	LU03954	CIDBK00
	LU03953	CINSK00
	LU03952	CINSK00
	LU03935	CRCQK00
	LU03929	CIDBK00
	LU03926	CRCXK00

CA RS Level	Service	FMID
	LU03925	CPLAK00
	LU03924	COFSK00
	LU03923	CINSK00
	LU03918	CPSAK00
	LU03917	CPDTK00
	LU03907	CINSK00
	LU03879	CINSK00
	LU03878	CINSK00
	LU03869	CINSK00
	LU03859	CUGRK00
	LU03856	CINSK00
	LU03847	CPUTK00
	LU03846	CPFLK00
	LU03838	CINSK00
	LU03827	CPFUK00
	LU03814	CPDAK00
	LU03813	CINSK00
	LU03809	CPDTK00
	LU03808	CINSK00
	LU03789	CINSK00
	LU03788	CINSK00
	LU03762	CPDAK00
	LU03761	CINSK00
	LU03760	CSQ2100
	LU03759	CUGRK00
	LU03749	CPLAK00
	LU03742	CPFLK00
	LU03735	CUGRK00
	LU03734	CPUTK00
	LU03733	CPRRK00
	LU03732	CPFUK00
	LU03731	CPLAK00
	LU03712	CINSK00
	LU03710	CPDTK00
	LU03709	CINSK00
	LU03706	CPRAK00
	LU03703	CINSK00
	LU03691	CINSK00
	LU03686	CPUTK00
	LU03685	CPRRK00
	LU03684	CPFLK00
	LU03664	CRCXK00
	LU03663	CRCUK00
	LU03662	CRCQK00
	LU03661	CRCMK00
	LU03660	CPLAK00
	LU03659	COFSK00

CA RS Level	Service	FMID
	LU03657	CINSK00
	LU03499	CINSK00
CAR2112	LU03680	CPDAK00
	LU03673	CIDBK00
	LU03667	CRCUK00
	LU03666	CINSK00
	LU03629	CINSK00
	LU03601	CPSAK00
	LU03580	CUGRK00
	LU03579	CPUTK00
	LU03578	CPFUK00
	LU03577	CPFLK00
	LU03520	CINSK00
	LU03519	CPUTK00
	LU03500	CPLAK00
	LU03492	CPLAK00
	LU03463	CINSK00
	LU03461	CPDTK00
	LU03455	CIDBK00
	LU03453	CIDBK00
	LU03443	CUGRK00
	LU03437	CRCUK00
	LU03435	CIDBK00
	LU03417	CINSK00
	LU03406	CPDTK00
	LU03401	CPUTK00
	LU03400	CPRRK00
	LU03399	CPFLK00
	LU03391	CINSK00
	LU03386	CPDTK00
	LU03384	CPFUK00
	LU03367	CINSK00
	LU03353	CPFUK00
	LU03348	CIDBK00
	LU03344	CUGRK00
	LU03338	CPPAK00
	LU03337	CINSK00
	LU03326	CUGRK00
	LU03324	CUGRK00
	LU03323	CPUTK00
	LU03318	CRCXK00
	LU03317	CRCQK00
	LU03316	CPLAK00
	LU03315	COFSK00
	LU03314	CINSK00
	LU03309	CINSK00
	LU03308	CRCQK00

CA RS Level	Service	FMID
	LU03291	CINSK00
	LU03286	CIDBK00
	LU03282	CPLAK00
	LU03265	CPFUK00
	LU03252	CIDBK00
	LU02861	CINSK00
CAR2111	LU03261	CPDTK00
	LU03259	CINSK00
	LU03256	CIDBK00
	LU03250	CPLAK00
	LU03235	CUGRK00
	LU03234	CPUTK00
	LU03233	CPRRK00
	LU03232	CPFUK00
	LU03231	CPFLK00
	LU03228	CPLAK00
	LU03221	CINSK00
	LU03220	CRCQK00
	LU03214	CUGRK00
	LU03213	CPUTK00
	LU03212	CPRRK00
	LU03211	CPFUK00
	LU03210	CPFLK00
	LU03209	CINSK00
	LU03195	CIDBK00
	LU03192	CPUTK00
	LU03191	CPFLK00
	LU03190	CINSK00
	LU03187	CPUTK00
	LU03186	CUGRK00
	LU03162	CIDBK00
	LU03152	CPDAK00
	LU03146	CIDBK00
	LU03142	CINSK00
	LU03116	CPSAK00
	LU03101	CPBAK00
	LU03093	CPDTK00
	LU03091	CIDBK00
	LU03073	CUGRK00
	LU03035	CPDAK00
	LU03034	CPRRK00
	LU03033	CPUTK00
	LU03032	CPFUK00
	LU03023	CIDBK00
	LU03018	CPDTK00
	LU02985	CIDBK00
	LU02979	CPLAK00

CA RS Level	Service	FMID
	LU02945	CINSK00
	LU02886	CIDBK00
	LU02816	CPLAK00
	LU02728	CPUTK00
	LU02727	CPFUK00
	LU02726	CINSK00
	LU02712	CUGRK00
CAR2110	S014389	CIDBK00
	LU02944	CPDTK00
	LU02894	CRCQK00
	LU02866	COFSK00
	LU02841	CIDBK00
	LU02829	CIDBK00
	LU02813	CINSK00
	LU02808	CINSK00
	LU02800	CIDBK00
	LU02796	CPDTK00
	LU02785	CPDAK00
	LU02767	CPLAK00
	LU02762	CUGRK00
	LU02708	CIDBK00
	LU02706	CPDTK00
	LU02665	CRCQK00
	LU02661	CINSK00
	LU02646	CIDBK00
	LU02642	CIDBK00
	LU02641	CPFLK00
	LU02634	CIDBK00
	LU02633	COFSK00
	LU02614	CINSK00
	LU02609	CINSK00
	LU02597	CRCQK00
	LU02577	CPBAK00
	LU02516	CIDBK00
	LU02489	CINSK00
	LU02472	CINSK00
	LU02471	CINSK00
	LU02280	COFSK00
	LU02279	CINSK00
CAR2109	LU02564	CRCQK00
	LU02554	CPDTK00
	LU02529	CUGRK00
	LU02524	CPDTK00
	LU02493	CPPAK00
	LU02492	CINSK00
	LU02485	CPFLK00
	LU02470	CPFUK00

CA RS Level	Service	FMID
	LU02456	CPDAK00
	LU02455	CINSK00
	LU02440	CPFUK00
	LU02439	CIDBK00
	LU02437	COFSK00
	LU02436	CPPAK00
	LU02428	CIDBK00
	LU02420	CINSK00
	LU02387	COFSK00
	LU02385	CUGRK00
	LU02383	CINSK00
	LU02381	CPLAK00
	LU02363	CINSK00
	LU02345	CINSK00
	LU02340	CIDBK00
	LU02335	CPFUK00
	LU02325	CIDBK00
	LU02307	CUGRK00
	LU02303	CIDBK00
	LU02290	CPDTK00
	LU02286	CPDTK00
	LU02271	CPDTK00
	LU02258	CPFLK00
	LU02243	CPFLK00
	LU02242	CINSK00
	LU02231	CPUTK00
	LU02230	CPLAK00
	LU02229	CINSK00
	LU02212	CINSK00
	LU02166	CINSK00
	LU02119	CTGRK00
	LU02118	CIDBK00
	LU02116	CINSK00
	LU02095	CPDAK00
CAR2108	LU02220	CPDTK00
	LU02213	CPLAK00
	LU02211	CRCUK00
	LU02197	CINSK00
	LU02164	CINSK00
	LU02143	CUTSK00
	LU02142	CIDBK00
	LU02133	CPSAK00
	LU02132	CPDTK00
	LU02131	CINSK00
	LU02124	CINSK00
	LU02117	CINSK00
	LU02108	CPDTK00

CA RS Level	Service	FMID
	LU02096	CIDBK00
	LU02093	CIDBK00
	LU02062	CPLAK00
	LU02061	CINSK00
	LU02053	CINSK00
	LU02048	CUGRK00
	LU02033	CIDBK00
	LU02031	CIDBK00
	LU02030	CRCQK00
	LU02029	CINSK00
	LU02008	CPFLK00
	LU02007	CPUTK00
	LU02006	CPFUK00
	LU02005	CINSK00
	LU01999	CINSK00
	LU01998	CUGRK00
	LU01997	CTGRK00
	LU01996	CRCXK00
	LU01995	CRCUK00
	LU01994	CRC SK00
	LU01993	CRCQK00
	LU01992	CPXNK00
	LU01991	CPUTK00
	LU01990	CPSAK00
	LU01989	CPRRK00
	LU01988	CPRFK00
	LU01987	CPRAK00
	LU01986	CPPAK00
	LU01985	CPLAK00
	LU01984	CPFUK00
	LU01983	CPFLK00
	LU01982	CPDTK00
	LU01981	CPDAK00
	LU01980	CPBAK00
	LU01979	COFSK00
	LU01978	CINSK00
	LU01977	CIDBK00
	LU01975	CAHOK00
	LU01958	CINSK00
	LU01950	CPLAK00
	LU01949	CINSK00
	LU01944	CRCXK00
	LU01939	CPFUK00
	LU01937	COFSK00
	LU01936	CUGRK00
	LU01934	CINSK00
	LU01933	CPDTK00

CA RS Level	Service	FMID
	LU01930	CPUTK00
	LU01927	CINSK00
	LU01922	CINSK00
	LU01845	CIDBK00
	LU01832	COFSK00
	LU01784	CINSK00
	LU01290	CINSK00
CAR2107	LU01893	CUGRK00
	LU01892	CPPAK00
	LU01891	CINSK00
	LU01869	CPLAK00
	LU01860	CPDAK00
	LU01841	CPDTK00
	LU01837	CINSK00
	LU01829	CIDBK00
	LU01799	CPDTK00
	LU01760	CINSK00
	LU01757	CINSK00
	LU01750	CIDBK00
	LU01732	CPSAK00
	LU01727	CPFUK00
	LU01720	CPFLK00
	LU01717	CUGRK00
	LU01706	CRCQK00
	LU01705	CINSK00
	LU01696	CINSK00
	LU01695	CPRAK00
	LU01694	CINSK00
	LU01683	CINSK00
	LU01673	CINSK00
	LU01666	CIDBK00
	LU01648	CINSK00
	LU01626	CPDAK00
	LU01625	CINSK00
	LU01610	CINSK00
	LU01581	CIDBK00
	LU01575	CINSK00
	LU01556	CIDBK00
	LU01551	CPPAK00
	LU01550	CINSK00
	LU01543	CPSAK00
	LU01542	CPDTK00
	LU01541	CIDBK00
	LU01538	CPLAK00
	LU01534	CUGRK00
	LU01526	CINSK00
	LU01525	CIDBK00

CA RS Level	Service	FMID
	LU01513	CIDBK00
	LU01508	CINSK00
	LU01405	CINSK00
	LU01362	CINSK00
	LU01357	CINSK00
CAR2106	LU01494	CINSK00
	LU01467	CPDTK00
	LU01432	CSQ2100
	LU01415	CPLAK00
	LU01410	CRCQK00
	LU01396	CPDTK00
	LU01393	CPDTK00
	LU01385	CPLAK00
	LU01384	CINSK00
	LU01380	CPUTK00
	LU01379	CPFLK00
	LU01378	CINSK00
	LU01376	CINSK00
	LU01367	CINSK00
	LU01352	CPUTK00
	LU01351	CPRRK00
	LU01350	CPFUK00
	LU01349	CPFLK00
	LU01338	CPDAK00
	LU01330	CRCQK00
	LU01321	CPRFK00
	LU01311	CPFUK00
	LU01293	CIDBK00
	LU01292	CUGRK00
	LU01291	CPUTK00
	LU01286	CINSK00
	LU01275	CINSK00
	LU01265	CINSK00
	LU01222	COFSK00
	LU01215	CPDTK00
	LU01208	CRCQK00
	LU01182	CUGRK00
	LU01181	CPRAK00
	LU01180	CPLAK00
	LU01179	COFSK00
	LU01178	CINSK00
	LU01175	CIDBK00
	LU01166	CIDBK00
	LU01165	CPFUK00
	LU01164	CIDBK00
	LU01151	CINSK00
	LU01135	CUGRK00

CA RS Level	Service	FMID
	LU01127	CUGRK00
	LU01122	COFSK00
	LU01121	CINSK00
	LU01118	CINSK00
	LU01107	COFSK00
	LU01106	CINSK00
	LU01102	CPRFK00
	LU01089	CPDAK00
	LU01043	CPLAK00
	LU00983	CPFLK00
CAR2105	LU01126	CPDAK00
	LU01100	CIDBK00
	LU01068	CPPAK00
	LU01056	CINSK00
	LU01053	COFSK00
	LU01042	CIDBK00
	LU01041	CIDBK00
	LU01040	CPLAK00
	LU01039	CINSK00
	LU01035	CIDBK00
	LU01030	CIDBK00
	LU01002	CPDTK00
	LU00989	CINSK00
	LU00982	CIDBK00
	LU00973	CUGRK00
	LU00968	CINSK00
	LU00964	CIDBK00
	LU00940	CPLAK00
	LU00938	CPDTK00
	LU00937	CINSK00
	LU00925	CINSK00
	LU00923	CPUTK00
	LU00921	CINSK00
	LU00914	CINSK00
	LU00903	CPLAK00
	LU00891	CPDAK00
	LU00890	CINSK00
	LU00887	CPUTK00
	LU00886	CPFUK00
	LU00882	CPLAK00
	LU00881	CIDBK00
	LU00863	CPFUK00
	LU00859	CPSAK00
	LU00858	CPDTK00
	LU00847	CINSK00
	LU00839	CINSK00
	LU00795	CUGRK00

CA RS Level	Service	FMID
	LU00794	CINSK00
	LU00769	CRCXK00
	LU00768	CPDTK00
	LU00759	CPLAK00
	LU00698	CINSK00
	LU00697	CIDBK00
	LU00678	CINSK00
	LU00592	CINSK00
	LU00581	CPRFK00
CAR2104	LU00728	CUGRK00
	LU00727	CPUTK00
	LU00726	CPRRK00
	LU00725	CPLAK00
	LU00724	CPFLK00
	LU00723	CINSK00
	LU00689	CUGRK00
	LU00684	CPDTK00
	LU00672	CPLAK00
	LU00659	CSQ2100
	LU00646	CPPAK00
	LU00645	CPBAK00
	LU00644	COFSK00
	LU00643	CINSK00
	LU00639	CINSK00
	LU00635	CPDAK00
	LU00613	CINSK00
	LU00597	CPLAK00
	LU00576	CPSAK00
	LU00568	CINSK00
	LU00565	CSQ2100
	LU00549	CPDTK00
	LU00545	CIDBK00
	LU00532	CRCQK00
	LU00531	COFSK00
	LU00530	CINSK00
	LU00524	CPDTK00
	LU00523	CINSK00
	LU00511	CRCUK00
	LU00510	CINSK00
	LU00509	CINSK00
	LU00508	CINSK00
	LU00500	CPSAK00
	LU00480	CPLAK00
	LU00475	CPDAK00
	LU00452	CPRRK00
	LU00450	CRCXK00
	LU00449	CRCUK00

CA RS Level	Service	FMID
	LU00448	CRCMK00
	LU00447	CPFUK00
	LU00446	CINSK00
	LU00440	CPPAK00
	LU00439	CPBAK00
	LU00438	CINSK00
	LU00437	CPUTK00
	LU00436	CPFLK00
	LU00435	CINSK00
	LU00434	CIDBK00
	LU00433	CRCUK00
	LU00432	CINSK00
	LU00427	CIDBK00
	LU00426	CINSK00
	LU00413	CRCQK00
	LU00412	CINSK00
	LU00411	CRCXK00
	LU00402	CPDTK00
	LU00400	CPRFK00
	LU00399	CINSK00
	LU00381	CPDAK00
	LU00368	CINSK00
	LU00359	CINSK00
	LU00342	CRCXK00
	LU00341	CRCUK00
	LU00340	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	SO16295	CIDBK00

CA RS Level	Service	FMID
	S015817	CUGRK00
	S014357	CIDBK00
	S013729	CRCQK00
	LU00356	CPLAK00
	LU00329	CPDTK00
	LU00282	CIDBK00
	LU00281	CPFUK00
	LU00257	CPDAK00
	LU00256	CPDAK00
	LU00254	CINSK00
	LU00253	CIDBK00
	LU00250	CPRFK00
	LU00248	CPUTK00
	LU00247	CPFLK00
	LU00246	CIDBK00
	LU00242	CINSK00
	LU00240	CPDTK00
	LU00238	CPLAK00
	LU00237	CINSK00
	LU00227	CINSK00
	LU00217	CPFUK00
	LU00216	CINSK00
	LU00207	CPRFK00
	LU00194	CPUTK00
	LU00178	CPFLK00
	LU00176	CPDTK00
	LU00165	CPLAK00
	LU00162	CINSK00
	LU00159	CIDBK00
	LU00152	CUGRK00
	LU00147	CRCQK00
	LU00146	CPDAK00
	LU00145	CINSK00
	LU00141	CUGRK00
	LU00140	CPUTK00
	LU00139	CPRRK00
	LU00138	CPLAK00
	LU00137	CPFUK00
	LU00136	CPFLK00
	LU00135	CINSK00
	LU00134	CIDBK00
	LU00133	CPUTK00
	LU00132	CPLAK00
	LU00131	CINSK00
	LU00127	CINSK00
	LU00124	CPDTK00
	LU00123	CINSK00

CA RS Level	Service	FMID
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	S016217	CPUTK00
	S016206	CPDAK00
	S016205	CINSK00
	S016200	CIDBK00
	S016195	CPFUK00
	S016194	CINSK00
	S016183	CINSK00
	S016181	CUGRK00
	S016176	CINSK00
	S016175	CPSAK00
	S016174	CPDTK00
	S016173	CINSK00
	S016165	CPRFK00
	S016160	CPRRK00
	S016149	CPRFK00
	S016133	COFSK00
	S016132	CINSK00
	S016116	CIDBK00
	S016113	CPDTK00
	S016107	CIDBK00
	S016090	CPUTK00
	S016089	CPFLK00
	S016088	CINSK00
	S016075	CPLAK00
	S016071	CRCQK00
	S016067	CINSK00
	S016057	CIDBK00
	S016053	CINSK00
	S016046	CIDBK00
	S016045	CINSK00
	S015980	CINSK00
	S015952	CIDBK00
	S015864	CINSK00
CAR2101	S016040	CINSK00
	S016032	CINSK00
	S016031	CINSK00
	S016024	CINSK00
	S016001	CINSK00
	S015998	CINSK00
	S015939	CPUTK00

CA RS Level	Service	FMID
	S015938	CPFLK00
	S015937	CINSK00
	S015935	CPSAK00
	S015931	CIDBK00
	S015927	CPDTK00
	S015913	CIDBK00
	S015908	CINSK00
	S015895	CPLAK00
	S015868	CINSK00
	S015867	CINSK00
	S015863	CINSK00
	S015843	CPDTK00
	S015816	CRCQK00
	S015807	CRCXK00
	S015806	CRCUK00
	S015805	CPFUK00
	S015804	CINSK00
	S015789	CINSK00
	S015775	CPRFK00
	S015774	CPRFK00
	S015770	CINSK00
	S015761	CIDBK00
	S015760	CINSK00
	S015711	CUGRK00
	S015710	CPUTK00
	S015709	CINSK00
CAR2012	S015771	CPFLK00
	S015767	CPFUK00
	S015740	CPUTK00
	S015739	CPRRK00
	S015738	CPFLK00
	S015723	CPDTK00
	S015697	CRCQK00
	S015691	CPPAK00
	S015690	CINSK00
	S015652	CPUTK00
	S015650	COFSK00
	S015647	CIDBK00
	S015613	CINSK00
	S015609	CUGRK00
	S015585	CPRRK00
	S015573	CPDTK00
	S015541	CPUTK00
	S015531	CPLAK00
	S015506	CINSK00
	S015499	CPDTK00
	S015487	CUGRK00

CA RS Level	Service	FMID
	S015486	CPUTK00
	S015485	CPRRK00
	S015484	CPFLK00
	S015483	CPDAK00
	S015482	CINSK00
	S015480	CUTSK00
	S015457	CPUTK00
	S015456	CPLAK00
	S015455	CINSK00
	S015450	CRCQK00
	S015449	CINSK00
	S015444	CINSK00
	S015440	COFSK00
	S015395	CPDTK00
	S015394	CINSK00
	S015193	CINSK00
CAR2011	S015314	CPUTK00
	S015313	CPRRK00
	S015312	CPFLK00
	S015311	CINSK00
	S015308	CUGRK00
	S015271	CPUTK00
	S015255	CPRFK00
	S015254	CIDBK00
	S015238	CPUTK00
	S015237	CPRRK00
	S015236	CPFUK00
	S015235	CPFLK00
	S015225	COFSK00
	S015220	CPLAK00
	S015215	CINSK00
	S015205	CINSK00
	S015199	CPDTK00
	S015191	CRCMK00
	S015184	CSQ2100
	S015174	CPUTK00
	S015132	CINSK00
	S015130	CPDAK00
	S015129	CINSK00
	S015124	CPRRK00
	S015122	CINSK00
	S015094	CPSAK00
	S015086	CPFUK00
	S015075	CINSK00
	S015074	CPUTK00
	S015073	CPDTK00
	S015072	CINSK00

CA RS Level	Service	FMID
	S015070	CIDBK00
	S015064	CPLAK00
	S015062	COFSK00
	S015061	CINSK00
	S015049	CIDBK00
	S015045	CINSK00
	S015031	CINSK00
	S015015	CPFLK00
	S015004	CINSK00
CAR2010	S014984	CPFUK00
	S014949	CPLAK00
	S014923	CIDBK00
	S014902	CPPAK00
	S014901	CINSK00
	S014899	CINSK00
	S014883	CIDBK00
	S014876	CINSK00
	S014874	CINSK00
	S014866	CPLAK00
	S014865	CINSK00
	S014864	CIDBK00
	S014863	CUGRK00
	S014861	CPSAK00
	S014860	CPDTK00
	S014859	CINSK00
	S014853	CIDBK00
	S014843	CIDBK00
	S014842	CPRFK00
	S014836	CPBAK00
	S014835	CINSK00
	S014833	CRCUK00
	S014832	CINSK00
	S014827	CINSK00
	S014782	CPDTK00
	S014773	CPUTK00
	S014772	CPFLK00
	S014771	CINSK00
	S014756	CINSK00
	S014754	CIDBK00
	S014732	CPDAK00
	S014731	CINSK00
	S014721	CINSK00
	S014716	CINSK00
	S014694	CPFLK00
	S014681	CPSAK00
	S014680	CPDTK00
	S014675	CPRFK00

CA RS Level	Service	FMID
	S014655	COFSK00
	S014642	CIDBK00
CAR2009	S014641	CUGRK00
	S014640	CPRRK00
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	S014623	CINSK00
	S014615	CINSK00
	S014613	CPLAK00
	S014583	CINSK00
	S014570	COFSK00
	S014568	CUGRK00
	S014567	CPUTK00
	S014566	CINSK00
	S014565	CPDAK00
	S014531	CIDBK00
	S014502	CPUTK00
	S014501	CPFUK00
	S014500	CINSK00
	S014491	CINSK00
	S014483	CUGRK00
	S014452	CPLAK00
	S014433	CPFLK00
	S014428	CPUTK00
	S014427	CPFLK00
	S014426	CRCQK00
	S014404	CPRFK00
	S014401	CINSK00
	S014400	CPPAK00
	S014397	CPDTK00
	S014383	CPUTK00
	S014382	CPFUK00
	S014381	CINSK00
	S014338	CPDTK00
	S014335	CRCQK00
	S014310	CUTSK00
	S014307	CRCQK00
	S014299	CPDTK00
	S014298	CINSK00
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	S014254	CIDBK00

CA RS Level	Service	FMID
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	S013888	CINSK00
CAR2008	S014252	CPFLK00
	S014235	CPDTK00
	S014173	CINSK00
	S014168	CINSK00
	S014164	CIDBK00
	S014142	CPLAK00
	S014137	CPLAK00
	S014101	CRCQK00
	S014099	CIDBK00
	S014093	CIDBK00
	S014054	CPUTK00
	S014053	CPFUK00
	S014052	CINSK00
	S014036	CUGRK00
	S014035	CPUTK00
	S014034	CPRRK00
	S014033	CPLAK00
	S014032	CPFUK00
	S014031	CPFLK00
	S014030	CPDAK00
	S014029	CINSK00
	S014025	CPFLK00
	S014016	CIDBK00
	S013990	COFSK00
	S013988	CPPAK00
	S013987	CPDTK00
	S013986	CPDAK00
	S013985	CINSK00
	S013982	CSQ2100
	S013974	CINSK00
	S013973	CINSK00
	S013961	CPUTK00
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	S013887	CPDTK00

CA RS Level	Service	FMID
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	S013825	CIDBK00
	S013814	CINSK00
	S013807	CINSK00
	S013794	CINSK00
	S013781	COFSK00
	S013768	CUGRK00
	S013767	CPUTK00
	S013766	CPFUK00
	S013765	CPFLK00
	S013764	CINSK00
	S013758	COFSK00
	S013726	CINSK00
	S013711	CINSK00
	S013709	CPUTK00
	S013708	CPRRK00
	S013707	CPFUK00
	S013706	CPFLK00
	S013574	CINSK00
CAR2007	S013761	CPDTK00
	S013730	CPRFK00
	S013718	CPLAK00
	S013717	CINSK00
	S013686	CUGRK00
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	S013682	CINSK00
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00

CA RS Level	Service	FMID
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	S013453	CINSK00
	S013450	CPDTK00
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00
	S013340	CINSK00
	S013273	CINSK00
	S012794	CINSK00
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00
	S013234	CPLAK00
	S013230	CINSK00
	S013229	CINSK00
	S013224	CPLAK00
	S013213	CINSK00
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	S013203	CPFLK00
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00

CA RS Level	Service	FMID
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	S012937	CRCXK00
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00

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

CA RS Level	Service	FMID
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00

CA RS Level	Service	FMID
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00

CA RS Level	Service	FMID
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	S011693	CIDBK00
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00

CA RS Level	Service	FMID
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	S011323	CUGRK00
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00

CA RS Level	Service	FMID
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00

CA RS Level	Service	FMID
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00

CA RS Level	Service	FMID
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00

CA RS Level	Service	FMID
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCSK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00

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

CA RS Level	Service	FMID
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00
	S009125	CINSK00
	S009110	CRCXK00
	S009109	CRCUK00
	S009108	CPLAK00
	S009107	CPFUK00
	S009106	COFSK00
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	S009083	CPLAK00
	S009068	CIDBK00
	S009065	CPDTK00
	S009055	CIDBK00
	S009054	CIDBK00
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	S008766	CINSK00
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00

CA RS Level	Service	FMID
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	S008750	CINSK00
	S008728	CIDBK00
	S008684	CINSK00
	S008668	CUGRK00
	S008667	CPUTK00
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	S008644	CINSK00
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00

CA RS Level	Service	FMID
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00

CA RS Level	Service	FMID
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00
	S007856	CINSK00
CAR1904	S007826	CUGRK00
	S007825	CTGRK00
	S007824	CRCUK00
	S007823	CRCSK00
	S007822	CRCQK00
	S007821	CRCMK00
	S007820	CPUTK00
	S007819	CPSAK00
	S007818	CPRRK00
	S007815	CPRFK00
	S007814	CPPAK00
	S007813	CPLAK00
	S007812	CPFUK00
	S007811	CPFLK00
	S007810	CPDTK00
	S007809	CPDAK00
	S007808	COFSK00
	S007807	CINSK00
	S007806	CIDBK00
	S007804	CAHOK00
	S007774	CINSK00

CA RS Level	Service	FMID
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00
	S007169	CINSK00
CAR1903	S007412	CINSK00
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00
	S007323	CINSK00
	S007204	CPSAK00
CAR1902	S007167	CINSK00
	S006978	CINSK00
	S006977	CIDBK00
	S006879	CUGRK00
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCSK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00

CA RS Level	Service	FMID
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00

CA RS Level	Service	FMID
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00
	S004756	CINSK00
CAR1808	S004720	CRCUK00
	S004719	CRCMK00
	S004718	CINSK00
	S004475	CUGRK00
	S004474	CTGRK00
	S004473	CRCXK00
	S004472	CRCUK00
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	S004468	CPSAK00
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00

CA RS Level	Service	FMID
CAR1807	S004275	CPFLK00
	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCSK00
	S001641	CPLAK00
	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
CAR1805	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00

CA RS Level	Service	FMID
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00
	S000977	CSQ2100
	S000975	CPLAK00
	S000894	CUGRK00
	S000893	CPUTK00
	S000871	CPSAK00
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	S000846	CPRRK00
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00

CA RS Level	Service	FMID
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100
CAR1801	R099853	CRCXK00
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRCXK00
	R099569	CRCQK00
	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

CA RS Level	Service	FMID
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	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

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