

Service	Description	Type
LU07329	MIGRATION UTILITY SUPPORT FOR MULTI-RECORD SUBREPORTS	PTF
LU07406	POST-INSTALL GLOBAL PARMLIB MEMBER PROCESSING SIMPLIFICATION	PTF
LU07407	POST-INSTALL GLOBAL PARMLIB MEMBER PROCESSING SIMPLIFICATION	PTF
LU07460	S878 WITH MANY OPEN VSAM DATA SETS	PTF
LU07461	S878 WITH MANY OPEN VSAM DATA SETS	PTF
LU07462	S878 WITH MANY OPEN VSAM DATA SETS	PTF
LU07493	REMOVE REFERENCES TO PIR	PTF
LU07498	ADDING A PRIMARY KEY FAILS WITH A SOC4 ABEND	PTF
LU07499	HELP MISSING FOR ASTLOC, ASTCOLLID, ASTNAME IN P-PK REPORT	PTF
LU07504	COMPARE REPORT NOT STATING THE REASON FOR PBG TS DROP/CREATE	PTF
LU07515	ERROR CONVERTING CHARACTER DATA BETWEEN ENCODING SCHEMES	PTF
LU07523	VIEW HISTORY PROBLEMS WHEN MBR SSID SAME AS GRP ATTACH NAME	PTF
LU07524	VIEW HISTORY PROBLEMS WHEN MBR SSID SAME AS GRP ATTACH NAME	PTF
LU07544	THE GENERATED DDL TO ADD/ALTER PARTITION FAILS	PTF
LU07558	DBM DS STARTUP ISSUES AND MISC DEVOPS CHANGES	PTF
LU07559	RC/MERGER EXECUTION IS FAILING WITH A -512 SQLERROR	PTF
LU07561	LUWID IN UR HEADER IN REPORT FORMS	PTF
LU07563	PFR SORTLOG NO/CONCURRENT CORRUPT DATABASE WITH ROWFORMAT	PTF
LU07564	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU07565	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU07569	TS NOT GENERATED WHEN TS AND TB EXPLICITLY SELECTED IN QM	PTF
LU07604	S378-14 AT INTERVAL END	PTF
LU07608	ALTER AND COMPARE STRATEGY ANALYSIS ENDS WITH 878 ABEND	PTF
LU07618	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502	PTF
LU07619	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502	PTF
LU07620	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502	PTF
LU07621	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502	PTF
LU07629	TABLE ONLY MIGRATION GENERATES DROP TABLESPACE DDL	PTF
LU07635	ALTER AND COMPARE STRATEGY ANALYSIS ENDS WITH 878 ABEND	PTF
LU07636	EXPORT FOR SYSVIEW EXCEPTION DEFINITION FAILED WITH DBG179E	PTF
LU07654	PUT0037E DURING THE REORG OF OBJECT WITH HUFFMAN COMPRESSION	PTF
LU07657	ERROR PRF0933E ON ENTERING THE START-UP TRANSACTION CODE	** PRP **
LU07662	SELECT STATEMENT FAILS WITH SOC4 ABEND WITH LARGE DATA	PTF
LU07668	QUIET POINT ANALYSIS COMPLETES WITH LAE0453E IN DATA SHARING	PTF
LU07679	SOC4 ABEND WHEN CREATING AUTOMAP COMPARE USING ALTER TS DDL	PTF
LU07687	SUPPORT TO GENERATE THE CREATE TB STATEMENT FOR IDAA TABLES	PTF
LU07688	SUPPORT TO GENERATE THE CREATE TB STATEMENT FOR IDAA TABLES	PTF
LU07697	GSS SOC4-11 ABEND IN IMOD \$DBM_DXR PROCESSING IRLM MESSAGES	PTF
LU07714	INCORRECT DETECTION OF HUFFMAN COMPRESSION	PTF
LU07716	ADD XNET MESSAGE IDS TO SYSVIEW/DB2 XNET INTERFACE MESSAGES	PTF
LU07721	LMP LICENSE CHECKING CORRECTION	PTF
LU07722	LMP LICENSE CHECKING CORRECTION	PTF
LU07723	LMP LICENSE CHECKING CORRECTION	PTF
LU07734	SOC3 ABEND IN PFR WITH 4K TS PGSIZE AND USE-CHANGE-ACCUM YES	PTF
LU07743	GARBAGE CHARACTERS FOR TABLESPACE IN CREATE TABLE DDL	PTF
LU07744	MTC DBM UNABLE TO FIND VALID CERTIFICATION PATH	** PRP **
LU07753	LONG RESPONSE TIME FOR STATIC SQL TEXT RETRIEVAL	PTF

Database Management Solutions for Db2 for z/OS 20.0
CA RS 2211 Service List

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Service	Description	Type
LU07779	DUPLICATE ENTRIES ARE SHOWN IN VARIOUS PACKAGE REPORTS	PTF
LU07797	COMPARE STRATEGY IN LOOP IF ALIAS IS PRESENT	PTF
LU07809	ADJUST THE INDB2_TIME CALCULATIONS FOR SQL CALL STATEMENTS	PTF
LU07855	CROSS SYSTEM REQUEST TIMEOUT CONDITIONS NOT HANDLED PROPERLY	** PRP **
The CA RS 2211 service count for this release is 51		

Database Management Solutions for Db2 for z/OS
CA RS 2211 Service List for CIDBK00

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FMID	Service	Description	Type
CIDBK00	LU07329	MIGRATION UTILITY SUPPORT FOR MULTI-RECORD SUBREPORTS	PTF
	LU07406	POST-INSTALL GLOBAL PARMLIB MEMBER PROCESSING SIMPLIFICATION	PTF
	LU07636	EXPORT FOR SYSVIEW EXCEPTION DEFINITION FAILED WITH DBG179E	PTF
	LU07697	GSS SOC4-11 ABEND IN IMOD \$DBM_DXR PROCESSING IRLM MESSAGES	PTF
	LU07716	ADD XNET MESSAGE IDS TO SYSVIEW/DB2 XNET INTERFACE MESSAGES	PTF
	LU07753	LONG RESPONSE TIME FOR STATIC SQL TEXT RETRIEVAL	PTF
The CA RS 2211 service count for this FMID is 6			

FMID	Service	Description	Type
CINSK00	LU07407	POST-INSTALL GLOBAL PARMLIB MEMBER PROCESSING SIMPLIFICATION	PTF
	LU07460	S878 WITH MANY OPEN VSAM DATA SETS	PTF
	LU07493	REMOVE REFERENCES TO PIR	PTF
	LU07498	ADDING A PRIMARY KEY FAILS WITH A SOC4 ABEND	PTF
	LU07504	COMPARE REPORT NOT STATING THE REASON FOR PBG TS DROP/CREATE	PTF
	LU07523	VIEW HISTORY PROBLEMS WHEN MBR SSID SAME AS GRP ATTACH NAME	PTF
	LU07544	THE GENERATED DDL TO ADD/ALTER PARTITION FAILS	PTF
	LU07558	DBM DS STARTUP ISSUES AND MISC DEVOPS CHANGES	PTF
	LU07559	RC/MERGER EXECUTION IS FAILING WITH A -512 SQLERROR	PTF
	LU07564	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	LU07569	TS NOT GENERATED WHEN TS AND TB EXPLICITLY SELECTED IN QM	PTF
	LU07604	S378-14 AT INTERVAL END	PTF
	LU07608	ALTER AND COMPARE STRATEGY ANALYSIS ENDS WITH 878 ABEND	PTF
	LU07629	TABLE ONLY MIGRATION GENERATES DROP TABLESPACE DDL	PTF
	LU07662	SELECT STATEMENT FAILS WITH SOC4 ABEND WITH LARGE DATA	PTF
	LU07679	SOC4 ABEND WHEN CREATING AUTOMAP COMPARE USING ALTER TS DDL	PTF
	LU07687	SUPPORT TO GENERATE THE CREATE TB STATEMENT FOR IDAA TABLES	PTF
	LU07721	LMP LICENSE CHECKING CORRECTION	PTF
	LU07743	GARBAGE CHARACTERS FOR TABLESPACE IN CREATE TABLE DDL	PTF
	LU07744	MTC DBM UNABLE TO FIND VALID CERTIFICATION PATH	** PRP **
	LU07797	COMPARE STRATEGY IN LOOP IF ALIAS IS PRESENT	PTF
	LU07855	CROSS SYSTEM REQUEST TIMEOUT CONDITIONS NOT HANDLED PROPERLY	** PRP **
The CA RS 2211 service count for this FMID is 22			

Database Management Solutions for Db2 for z/OS
CA RS 2211 Service List for COFSK00

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FMID	Service	Description	Type
COFSK00	LU07688	SUPPORT TO GENERATE THE CREATE TB STATEMENT FOR IDAA TABLES	PTF
The CA RS 2211 service count for this FMID is 1			

Database Management Solutions for Db2 for z/OS
CA RS 2211 Service List for CPDAK00

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FMID	Service	Description	Type
CPDAK00	LU07565	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
The CA RS 2211 service count for this FMID is 1			

Database Management Solutions for Db2 for z/OS
CA RS 2211 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	LU07524	VIEW HISTORY PROBLEMS WHEN MBR SSID SAME AS GRP ATTACH NAME	PTF
	LU07722	LMP LICENSE CHECKING CORRECTION	PTF
	LU07809	ADJUST THE INDB2_TIME CALCULATIONS FOR SQL CALL STATEMENTS	PTF
The CA RS 2211 service count for this FMID is 3			

Database Management Solutions for Db2 for z/OS
CA RS 2211 Service List for CPFLK00

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FMID	Service	Description	Type
CPFLK00	LU07461	S878 WITH MANY OPEN VSAM DATA SETS	PTF
	LU07618	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502	PTF
	LU07714	INCORRECT DETECTION OF HUFFMAN COMPRESSION	PTF
The CA RS 2211 service count for this FMID is 3			

Database Management Solutions for Db2 for z/OS
CA RS 2211 Service List for CPFUK00

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FMID	Service	Description	Type
CPFUK00	LU07515	ERROR CONVERTING CHARACTER DATA BETWEEN ENCODING SCHEMES	PTF
	LU07619	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502	PTF
The CA RS 2211 service count for this FMID is 2			

Database Management Solutions for Db2 for z/OS
CA RS 2211 Service List for CPLAK00

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FMID	Service	Description	Type
CPLAK00	LU07561	LUWID IN UR HEADER IN REPORT FORMS	PTF
	LU07668	QUIET POINT ANALYSIS COMPLETES WITH LAE0453E IN DATA SHARING	PTF
The CA RS 2211 service count for this FMID is 2			

FMID	Service	Description	Type
CPRFK02	LU07657	ERROR PRF0933E ON ENTERING THE START-UP TRANSACTION CODE	** PRP **
The CA RS 2211 service count for this FMID is 1			

Database Management Solutions for Db2 for z/OS
CA RS 2211 Service List for CPRRK00

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FMID	Service	Description	Type
CPRRK00	LU07620	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502	PTF
	LU07654	PUT0037E DURING THE REORG OF OBJECT WITH HUFFMAN COMPRESSION	PTF
The CA RS 2211 service count for this FMID is 2			

FMID	Service	Description	Type
CPSAK00	LU07723	LMP LICENSE CHECKING CORRECTION	PTF
The CA RS 2211 service count for this FMID is 1			

Database Management Solutions for Db2 for z/OS
CA RS 2211 Service List for CPUTK00

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FMID	Service	Description	Type
CPUTK00	LU07462	S878 WITH MANY OPEN VSAM DATA SETS	PTF
	LU07621	SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502	PTF
The CA RS 2211 service count for this FMID is 2			

FMID	Service	Description	Type
CRCQK00	LU07499	HELP MISSING FOR ASTLOC, ASTCOLLID, ASTNAME IN P-PK REPORT	PTF
	LU07779	DUPLICATE ENTRIES ARE SHOWN IN VARIOUS PACKAGE REPORTS	PTF
The CA RS 2211 service count for this FMID is 2			

FMID	Service	Description	Type
CRCUK00	LU07635	ALTER AND COMPARE STRATEGY ANALYSIS ENDS WITH 878 ABEND	PTF
The CA RS 2211 service count for this FMID is 1			

FMID	Service	Description	Type
CUGRK00	LU07563	PFR SORTLOG NO/CONCURRENT CORRUPT DATABASE WITH ROWFORMAT	PTF
	LU07734	SOC3 ABEND IN PFR WITH 4K TS PGSIZE AND USE-CHANGE-ACCUM YES	PTF
The CA RS 2211 service count for this FMID is 2			

Service	Details
LU07329	LU07329 M.C.S. ENTRIES = ++PTF (LU07329) REWORK(2022286) MIGRATION UTILITY SUPPORT FOR MULTI-RECORD SUBREPORTS PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) Migration Utility (NSIGMIGA) now supports multiple IFCIDs in one IQL request. SYMPTOMS: N/A IMPACT: N/A CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 17894 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02268-D200 DESC(MIGRATION UTILITY SUPPORT FOR MULTI-RECORD SUBREPORTS). ++VER (Z038) FMID (CIDBK00) PRE (LU01030 LU03348 LU04217 LU04411 LU06140 R096575 R099552 S004454 S006112 S006862 S007806 S008846 S011616 S011780 S011977 S014093) SUP (LT07329) ++HOLD (LU07329) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (22286) COMMENT (<pre> +-----+ SYSVIEW Performance Management Option for Db2 for z/OS +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Enhancement +-----+-----+ USERS All users of the Archive component AFFECTED +-----+-----+ KNOWLEDGE Db2 Tools Post Install REQUIRED +-----+-----+ ACCESS Post Install customization libraries REQUIRED +-----+-----+ The customer should plan to upgrade to the new archive tables. ***** * STEPS TO PERFORM * ***** 1. Re-execute the Db2 Tools Post Install dialog. 2. Run the Archive Table Migration Utility (NSIGMIGA). The sample JCL can be found in member ARCMIGUT in the installation SOURCE library. </pre>

Service	Details
	3. Run SQL statements from the ALTEROUT file. 4. Modify your archive procedure to use the new LOAD statements and IQLs stored in the LOADOUT and IQLOUT libraries.).

Service	Details
LU07406	LU07406 M.C.S. ENTRIES = ++PTF (LU07406) POST-INSTALL GLOBAL PARMLIB MEMBER PROCESSING SIMPLIFICATION ENHANCEMENT DESCRIPTION: This PTF simplifies the processing of global parmlib members and adds additional enhancements to post-installs such as: - the main post-install panel now displays the libraries that will be used in the post-install configuration and tailoring - several panels were renamed for consistency and accuracy - new line commands were introduced in Global Parmlib Members Setup PRODUCT(S) AFFECTED: Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: INS 484 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02275-D200 DESC (POST-INSTALL GLOBAL PARMLIB MEMBER PROCESSING SIMPLIFICATION) . ++VER (Z038) FMID (CIDBK00) PRE (LU01977 LU04411 S009859) SUP (LT07086 LT07406) ++IF FMID(CINSK00) REQ(LU07407) . ++HOLD (LU07406) SYSTEM FMID(CIDBK00) REASON (AO) DATE (22277) COMMENT (<pre> +-----+ SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE The following post-install tailoring panel changes may affect any automation you have set up. +-----+ USERS All users of Post Install Tailoring. AFFECTED +-----+ KNOWLEDGE Db2 Tools Post Install Tailoring. REQUIRED +-----+ ACCESS Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** Update any automation tasks you have set up as needed to address the following post-install tailoring panel changes: 1. Panel "Edit Parmlib Dataset Member" (INSEDDSN) has been renamed to "Edit Parmlib DSNAME Member" to mirror the name of the member this panel represents. New primary command "SORT" has been added to sort the entries on this panel. 2. Panel "DB2 Tools Product Setup Execution Environment" (INSSTATS) has </pre>

Service	Details
	been renamed to "Db2 Tools Product Setup Execution Environment". 3. Panel "DBM Products for DB2 for z/OS Post-Install Tailoring (INS)" (INSMMAIN) has been renamed to "DBM Solutions for Db2 for z/OS Post-Install Tailoring". "Post Install Runtime Library Information" has been added. 4. Panel "Create/Edit Parmlib Members" (INSEDPRM) has been renamed to "Manage Parmlib Members" to more precisely represent its function. Column "Entry" has been renamed to "Member". 5. Panel "Create/Edit Parmlib Members Selection" (INSEDP2) has been renamed to "Global Parmlib Members Setup" to more precisely represent its function. New C (create) and T (template) line commands have been added to make it easier to create global parmli members. New column "Lib" represents the member location in the concatenation sequence. 6. Columns on panel "Edit Parmlib PTISYS Member" (INSEDSYS) have been renamed from "Parmlib" to "Parmlib Entry" and from "Entry" to "Entry Suffix" to unify naming conventions. 7. Panel "Set Current INS Libraries" (INSENV1) has been renamed to "Set Current Post-Install Libraries" to more precisely represent its function. 8. New panel "User Dataset Allocation Tailoring" (INSUSERL) has been added. 9. Textual changes on the following panels: "Define Session and Environmental Options" (INSEII) "Product Selection Installation Type" (INSSLPR2) "Set Current Post-Install Libraries" (INSENV1) 10. New field "Suffix" on the following panels specifies the two-character suffix that is assigned to the member name. "Edit Parmlib DSNAME Member" (INSEDDSN) "Edit Parmlib PLANS Member" (INSEDPN) "Edit Parmlib SETUP Member Site Options 1" (INSEDSSET) "Edit Parmlib ISPF Datasets Member" (INSEDSPF) "Edit Parmlib PTISYS Member" (INSEDSYS)).

Service	Details
LU07407	LU07407 M.C.S. ENTRIES = ++PTF (LU07407) POST-INSTALL GLOBAL PARMLIB MEMBER PROCESSING SIMPLIFICATION ENHANCEMENT DESCRIPTION: This PTF simplifies the processing of global parmlib members and adds additional enhancements to post-installs such as: - the main post-install panel now displays the libraries that will be used in the post-install configuration and tailoring - several panels were renamed for consistency and accuracy - new line commands were introduced in Global Parmlib Members Setup PRODUCT(S) AFFECTED: Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: INS 484 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02275-D200 DESC (POST-INSTALL GLOBAL PARMLIB MEMBER PROCESSING SIMPLIFICATION) . ++VER (Z038) FMID (CINSK00) PRE (LU00839 LU00847 LU01526 LU01978 LU02471 LU02472 LU03190 LU04412 LU06755 LU07078 R097704 R099553 S001396 S004455 S006113 S006608 S006863 S007169 S007807 S008755 S009860 S010162 S010173 S011684 S012851 S013484 S014027 S015789 S015980) SUP (LT07407) ++IF FMID(CIDBK00) REQ(LU07406) . ++HOLD (LU07407) SYSTEM FMID(CINSK00) REASON (AO) DATE (22277) COMMENT (<pre> +-----+ Db2 Common Components Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE The following post-install tailoring panel changes may affect any automation you have set up. +-----+-----+ USERS All users of Post Install Tailoring. AFFECTED +-----+-----+ KNOWLEDGE Db2 Tools Post Install Tailoring. REQUIRED +-----+-----+ ACCESS Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** Update any automation tasks you have set up as needed to address the following post-install tailoring panel changes: 1. Panel "Edit Parmlib Dataset Member" (INSEDDSN) has been renamed to "Edit Parmlib DSNAME Member" to mirror the name of the member this </pre>

Service	Details
	panel represents. 2. Panel "DB2 Tools Product Setup Execution Environment" (INSSTATS) has been renamed to "Db2 Tools Product Setup Execution Environment". 3. Panel "DBM Products for DB2 for z/OS Post-Install Tailoring (INS)" (INSMMAIN) has been renamed to "DBM Solutions for Db2 for z/OS Post-Install Tailoring". "Post Install Runtime Library Information" has been added. Textual changes ("Quit" instead of "Terminate"). 4. Panel "Create/Edit Parmlib Members" (INSEDPRM) has been renamed to "Manage Parmlib Members" to more precisely represent its function. Column "Entry" has been renamed to "Member". 5. Panel "Create/Edit Parmlib Members Selection" (INSEDP2) has been renamed to "Global Parmlib Members Setup" to more precisely represent its function. New C (create) and T (template) line commands have been added to make it easier to create global parmli members. New column "Lib" represents the member location in the concatenation sequence. 6. Columns on panel "Edit Parmlib PTISYS Member" (INSEDSYS) have been renamed from "Parmlib" to "Parmlib Entry" and from "Entry" to "Entry Suffix" to unify naming conventions. 7. Panel "Set Current INS Libraries" (INSENV1) has been renamed to "Set Current Post-Install Libraries" to more precisely represent its function. Textual changes on the panel. 8. Textual changes on the following panels: "Define Session and Environmental Options" (INSEII) "Product Selection Installation Type" (INSSLPR2) 9. New field "Suffix" on the following panels specifies the two-character suffix that is assigned to the member name. "Edit Parmlib DSNAME Member" (INSEDDSN) "Edit Parmlib PLANS Member" (INSEDPN) "Edit Parmlib SETUP Member Site Options 1" (INSEDS1) "Edit Parmlib ISPF Datasets Member" (INSEDSPF) "Edit Parmlib PTISYS Member" (INSEDSYS)). ++HOLD (LU07407) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (22277) COMMENT (+-----+ 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 * *****

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.). ++HOLD (LU07407) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22277) 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 Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).</pre>

Service	Details																										
LU07460	LU07460 M.C.S. ENTRIES = ++PTF (LU07460) REWORK(2022284) S878 WITH MANY OPEN VSAM DATA SETS PROBLEM DESCRIPTION: The Database Management Solutions for Db2 for z/OS (Db2 Tools)abend with an S878 or another error message indicating a shortage of storage. The problem occurs when a large number of VSAM data sets are open. The Db2 Common Component (GEN) has now been updated to reduce the above the line storage requirements for the Media Manager Interface. SYMPTOMS: Storage shortage above the line with many open data sets. IMPACT: Processing fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Db2 Common Components</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Check for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Database Analyzer for Db2 for z/OS</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>Recovery Analyzer 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> <tr> <td>Log Analyzer 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>SYSVIEW for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: GEN 18375 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02282-D200 DESC(S878 WITH MANY OPEN VSAM DATA SETS). ++VER (Z038) FMID (CINSK00) PRE (LU00135 LU02726 LU03367 LU04412 LU05367 LU05444 LU05931 S000016 S004250 S004455 S005011 S006863 S008313 S010389 S011234) SUP (LT02383 LT07460 LU02383) ++IF FMID(CPFLK00) REQ(LU07461). ++IF FMID(CPUTK00) REQ(LU07462).	Db2 Common Components	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Fast Check for Db2 for z/OS	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0	Database Analyzer for Db2 for z/OS	Version 20.0	Fast Recover for Db2 for z/OS	Version 20.0	Recovery Analyzer for Db2 for z/OS	Version 20.0	Quick Copy for Db2 for z/OS	Version 20.0	Log Analyzer for Db2 for z/OS	Version 20.0	Merge/Modify for Db2 for z/OS	Version 20.0	SYSVIEW for Db2 for z/OS	Version 20.0
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Rapid Reorg for Db2 for z/OS	Version 20.0																										
Database Analyzer for Db2 for z/OS	Version 20.0																										
Fast Recover for Db2 for z/OS	Version 20.0																										
Recovery Analyzer for Db2 for z/OS	Version 20.0																										
Quick Copy for Db2 for z/OS	Version 20.0																										
Log Analyzer for Db2 for z/OS	Version 20.0																										
Merge/Modify for Db2 for z/OS	Version 20.0																										
SYSVIEW for Db2 for z/OS	Version 20.0																										

Service	Details																										
LU07461	LU07461 M.C.S. ENTRIES = ++PTF (LU07461) REWORK(2022284) S878 WITH MANY OPEN VSAM DATA SETS PROBLEM DESCRIPTION: The Database Management Solutions for Db2 for z/OS (Db2 Tools) abend with an S878 or another error message indicating a shortage of storage. The problem occurs when a large number of VSAM data sets are open. The Db2 Common Component (GEN) has now been updated to reduce the above the line storage requirements for the Media Manager Interface. SYMPTOMS: Storage shortage above the line with many open data sets. IMPACT: Processing fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Db2 Common Components</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Check for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Database Analyzer for Db2 for z/OS</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>Recovery Analyzer 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> <tr> <td>Log Analyzer 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>SYSVIEW for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: GEN 18375 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02282-D200 DESC(S878 WITH MANY OPEN VSAM DATA SETS). ++VER (Z038) FMID (CPFLK00) PRE (LU00136 LU00178 LU00436 LU00724 LU01379 LU01720 LU02243 LU03191 LU03231 LU03684 LU04159 LU04417 LU04616 LU05207 LU05348 LU06163 LU06365 LU07264 R096581 R097708 S000018 S000704 S001401 S003861 S004857 S005012 S005502 S006117 S007170 S007811 S008071 S008378 S008407 S008428 S009977 S010752 S011325 S011431 S011601 S011846 S011946 S011996 S012128 S012150 S012275 S012526 S013066 S013097 S013175 S013203 S013765 S014031 S014772 S015015 S015484 S015738 S015938 S016089) SUP (AS14772 LT02258 LT02485 LT07461 LU02258 LU02485 S015771 ST15771) ++IF FMID(CINSK00) REQ(LU07460). ++IF FMID(CPUTK00) REQ(LU07462).	Db2 Common Components	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Fast Check for Db2 for z/OS	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0	Database Analyzer for Db2 for z/OS	Version 20.0	Fast Recover for Db2 for z/OS	Version 20.0	Recovery Analyzer for Db2 for z/OS	Version 20.0	Quick Copy for Db2 for z/OS	Version 20.0	Log Analyzer for Db2 for z/OS	Version 20.0	Merge/Modify for Db2 for z/OS	Version 20.0	SYSVIEW for Db2 for z/OS	Version 20.0
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SYSVIEW for Db2 for z/OS	Version 20.0																										

Service	Details																										
LU07462	LU07462 M.C.S. ENTRIES = ++PTF (LU07462) REWORK(2022284) S878 WITH MANY OPEN VSAM DATA SETS PROBLEM DESCRIPTION: The Database Management Solutions for Db2 for z/OS (Db2 Tools)abend with an S878 or another error message indicating a shortage of storage. The problem occurs when a large number of VSAM data sets are open. The Db2 Common Component (GEN) has now been updated to reduce the above the line storage requirements for the Media Manager Interface. SYMPTOMS: Storage shortage above the line with many open data sets. IMPACT: Processing fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Db2 Common Components</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Check for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Database Analyzer for Db2 for z/OS</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>Recovery Analyzer 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> <tr> <td>Log Analyzer 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>SYSVIEW for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: GEN 18375 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02282-D200 DESC(S878 WITH MANY OPEN VSAM DATA SETS). ++VER (Z038) FMID (CPUTK00) PRE (LU00140 LU00727 LU04427 LU05868 LU06366 LU07484 R098969 R099566 S000024 S005016 S008879 S011238 S011433 S011999 S012153 S013205 S014773 S015486 S015939) SUP (LT06013 LT06289 LT07462 LU06289 S009973 ST09973) ++IF FMID(CINSK00) REQ(LU07460). ++IF FMID(CPFLK00) REQ(LU07461).	Db2 Common Components	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Fast Check for Db2 for z/OS	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0	Database Analyzer for Db2 for z/OS	Version 20.0	Fast Recover for Db2 for z/OS	Version 20.0	Recovery Analyzer for Db2 for z/OS	Version 20.0	Quick Copy for Db2 for z/OS	Version 20.0	Log Analyzer for Db2 for z/OS	Version 20.0	Merge/Modify for Db2 for z/OS	Version 20.0	SYSVIEW for Db2 for z/OS	Version 20.0
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Merge/Modify for Db2 for z/OS	Version 20.0																										
SYSVIEW for Db2 for z/OS	Version 20.0																										

Service	Details
LU07493	LU07493 M.C.S. ENTRIES = ++PTF (LU07493) REWORK(2022298) REMOVE REFERENCES TO PIR PROBLEM DESCRIPTION: This PTF removes old and obsolete InfoRefiner (PIR) product references from post-install tailoring. This change does not have any impact on post-install functionality. SYMPTOMS: No symptoms. IMPACT: None, no change in behavior should be experienced. CIRCUMVENTION: None needed. PRODUCT(S) AFFECTED: INS Post Install Db2 Common Components Version 20.0 Related Problem: INS 18262 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02287-D200 DESC(REMOVE REFERENCES TO PIR). ++VER (Z038) FMID (CINSK00) PRE (LU04412 LU06081 R099553 S001396 S006863 S009860) SUP (LT07493)

Service	Details
LU07498	LU07498 M.C.S. ENTRIES = ++PTF (LU07498) ADDING A PRIMARY KEY FAILS WITH A SOC4 ABEND PROBLEM DESCRIPTION: In RI/Manager for DB2 for z/OS (PRI), adding a primary key to the table results in a SOC4 abend. SYMPTOMS: Entering line command 'P' to add a primary key against a table fails with a following abend: IRX0250E System abend code 0C4, reason code 00000016. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. Module name . . . :ROLCMAT IMPACT: Addind a primary key does not work. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PRI 18337 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02288-D200 DESC(ADDING A PRIMARY KEY FAILS WITH A SOC4 ABEND). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU04412 LU05629 LU05886 LU07268 S007379 S009105 S011966 S012361 S012933 S015804) SUP (LT07498)

Service	Details
LU07499	LU07499 M.C.S. ENTRIES = ++PTF (LU07499) HELP MISSING FOR ASTLOC, ASTCOLLID, ASTNAME IN P-PK REPORT PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), the field help is missing for A(ASTLOC) A(ASTCOLLID) and A(ASTNAME) in the Plan Package Inquiry (P-PK) report. A) SYMPTOMS: Field help is not available for the following columns: ASTLOC(Displayed as A) ASTCOLLID(Displayed as A) ASTNAME(Displayed as A) IMPACT: User are unable to determine the usage of A(ASTLOC), A(ASTCOLLID) and A(ASTNAME). CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 18381 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02289-D200 DESC(HELP MISSING FOR ASTLOC, ASTCOLLID, ASTNAME IN P-PK REPORT). ++VER (Z038) FMID (CRCQK00) PRE (LU04430) SUP (LT07499)

Service	Details
LU07504	LU07504 M.C.S. ENTRIES = ++PTF (LU07504) COMPARE REPORT NOT STATING THE REASON FOR PBG TS DROP/CREATE PROBLEM DESCRIPTION: In RC/Compare for Db2 for z/OS (RCC), when PBG tablespaces are paired and the number of partitions are different, then the dropped or added partitions are not reported in the 'Change Analysis Report'. SYMPTOMS: The tablespace is dropped and recreated but the reason is missing from the 'Change Analysis Report'. IMPACT: It is not clear why the Tablespace is dropped and recreated. CIRCUMVENTION: None. The generated DDL is correct. PRODUCT(S) AFFECTED: RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 18445 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02290-D200 DESC (COMPARE REPORT NOT STATING THE REASON FOR PBG TS DROP/CREATE). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04149 LU04412 LU05886 LU06576 R099553 S007807 S012361 S014125 S014832 S015804) SUP (LT07504)

Service	Details
LU07515	LU07515 M.C.S. ENTRIES = ++PTF (LU07515) ERROR CONVERTING CHARACTER DATA BETWEEN ENCODING SCHEMES PROBLEM DESCRIPTION: Fast Unload for Db2 for z/OS (PFU) may issue message PFU0315E and end with RC 8 when converting character data between encoding schemes. SYMPTOMS: PFU ends with RC 8 and the following messages are issued: PFU0315E - SELECT#XX: ERROR ENCOUNTERED ATTEMPTING CONVERSION BETWEEN: PFU0324E - CCSIDS, COLUMN: XXXX PFU0318I - ----> ROW# XXXXXXXX WILL BE DISCARDED IMPACT: The unload processing fails. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Fast Unload for Db2 for z/OS Version 20.0 Related Problem: PFU 18258 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02292-D200 DESC(ERROR CONVERTING CHARACTER DATA BETWEEN ENCODING SCHEMES) . ++VER (Z038) FMID (CPFUK00) PRE (LU04418 LU04675 S001818 S006118 S011997 S016195) SUP (LT07515 S011013 ST11013)

Service	Details
LU07523	LU07523 M.C.S. ENTRIES = ++PTF (LU07523) REWORK(2022277) VIEW HISTORY PROBLEMS WHEN MBR SSID SAME AS GRP ATTACH NAME PROBLEM DESCRIPTION: In Detector for Db2 for z/OS (PDT), when trying to view the history for an inactive Db2 Data Sharing (DS) Group member whose SSID is the same as the group attach name, the following problems occur: - If the Db2 member was not active at any time while the Xmanager on the LPAR was active, the history cannot be viewed. - If the inactive Db2 member was active while the Xmanager was active, the "DETECTOR DS Group Member Selection" panel appears multiple times while viewing the member history. SYMPTOMS: When the history cannot be viewed, the following symptoms occur: When the DS Group member SSID/Group attach name is entered in the "DB2 SSID" field on the "Detector Main Menu" and option 2 is selected, the member is not displayed on the "DETECTOR DS Group Member Selection" panel (PDTD0024) for selection. In the following example, DCOG is the member SSID and it is also the group attach name: <pre> 20.0 ----- Detector Main Menu ----- 22/09/ OPTION ==>> 2 DB2 SSID ==> DCOG USERID ==> USER001 DS Group ==> ----- 1 SSID current interval data 9 DS Group current interval 2 SSID historical interval data 10 DS Group historical inter ... Option 2 was selected: 20.0 ----- DETECTOR DS Group Member Selection ----- 22/09 COMMAND ==> SCROLL LI Group name ==> DSNDCOG Members ==> 1 Selected ==> 0 ----- SSID SYSTEM STATUS SEL CSTATUS SDATE STIME INTTM TIMLM D ---- - _ DC1G CA11 ACTIVE N INACTIVE ***** BOTTOM OF DATA ***** DCOG is not on the display for selection. The same problem occurs when using DS Group options 10 and 11 from the Detector Main Menu and the "M -Member list" line command to see the member list for a Data Store or a DS Group repsectively. For option 11, the "DETECTOR DS Group Member Selection" panel is displayed immediately. For option 10, the problem occurs when the member with the DS Group attach name is selected on the "Detector Data Sharing Datastore Member List" panel and then an interval is selected. When the "DETECTOR DS Group Member Selection" (PDTD0024) panel is displayed multiple times, the following symptoms occur: In the preceding example, the inactive Db2 subsystem DCOG will now be displayed on the panel. See the following example: 20.0 ----- DETECTOR DS Group Member Selection ----- 22/09 COMMAND ==> SCROLL LI Group name ==> DSNDCOG Members ==> 1 Selected ==> 0 ----- </pre>

Service	Details									
	SSID	SYSTEM	STATUS	SEL	CSTATUS	SDATE	STIME	INTTM	TIMLM	D

	DC1G	CA11	ACTIVE	N	INACTIVE					
	DC0G	CA11	INACTIVE	N	INACTIVE					
	***** BOTTOM OF DATA *****									
	When DC0G is selected, this panel will be displayed at several points while the history is being viewed.									
	The same problems occur when using DS Group option 10 from the Detector Main Menu and the "M -Member list" line command to see the member list for a Data Store.									
	IMPACT:									
	The history cannot be viewed for a Db2 DS Group member whose SSID is the same as the group attach name.									
	The recurring display of panel "DETECTOR DS Group Member Selection" is a nuisance.									
	CIRCUMVENTION:									
	None									
	PRODUCT(S) AFFECTED:									
	Detector for Db2 for z/OS									
	Version 20.0									
	Related Problem:									
	PDT 18327									
	(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved									
	R02294-D200									
	DESC(VIEW HISTORY PROBLEMS WHEN MBR SSID SAME AS GRP ATTACH NAME).									
	++VER (Z038)									
	FMID (CINSK00)									
	PRE (LU01978 LU02124 LU04230 LU04412 LU04452 LU05717 S001665									
	S009796 S010907 S012159 S014295)									
	SUP (AL05547 LT05547 LT06625 LT07520 LT07523 LU05547 LU06625									
	ST10808 ST10861 ST10903)									
	++IF FMID(CPDTK00) REQ(LU07524).									
	++HOLD (LU07523) SYSTEM FMID(CINSK00)									
	REASON (RESTART) DATE (22277)									
	COMMENT (									
	+-----+									
	Db2 Common Components Version 20.0									
	+-----+									
	SEQUENCE Before Apply									
	+-----+									
	PURPOSE Avoidance of module mismatch related errors in an Xmanager									
	+-----+									
	USERS Collections of Db2 statistics via Detector or Subsystem									
	AFFECTED Analyzer.									
	Db2 subsystems that have active collections.									
	+-----+									
	KNOWLEDGE 1. SMP/E									
	REQUIRED 2. z/OS System Programming									
	3. Db2 Tools Installation and Maintenance procedures.									
	+-----+									
	ACCESS 1. Product runtime libraries.									
	REQUIRED									
	+-----+									

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

Service	Details
LU07524	LU07524 M.C.S. ENTRIES = ++PTF (LU07524) REWORK(2022277) VIEW HISTORY PROBLEMS WHEN MBR SSID SAME AS GRP ATTACH NAME PROBLEM DESCRIPTION: In Detector for Db2 for z/OS (PDT), when trying to view the history for an inactive Db2 Data Sharing (DS) Group member whose SSID is the same as the group attach name, the following problems occur: - If the Db2 member was not active at any time while the Xmanager on the LPAR was active, the history cannot be viewed. - If the inactive Db2 member was active while the Xmanager was active, the "DETECTOR DS Group Member Selection" panel appears multiple times while viewing the member history. SYMPTOMS: When the history cannot be viewed, the following symptoms occur: When the DS Group member SSID/Group attach name is entered in the "DB2 SSID" field on the "Detector Main Menu" and option 2 is selected, the member is not displayed on the "DETECTOR DS Group Member Selection" panel (PDTD0024) for selection. In the following example, DCOG is the member SSID and it is also the group attach name: <pre> 20.0 ----- Detector Main Menu ----- 22/09/ OPTION ==>> 2 DB2 SSID ==> DCOG USERID ==> USER001 DS Group ==> ----- 1 SSID current interval data 9 DS Group current interval 2 SSID historical interval data 10 DS Group historical inter ... Option 2 was selected: 20.0 ----- DETECTOR DS Group Member Selection ----- 22/09 COMMAND ==> SCROLL LI Group name ==> DSNDCOG Members ==> 1 Selected ==> 0 ----- SSID SYSTEM STATUS SEL CSTATUS SDATE STIME INTTM TIMLM D ---- - _ DC1G CA11 ACTIVE N INACTIVE ***** BOTTOM OF DATA ***** DCOG is not on the display for selection. The same problem occurs when using DS Group options 10 and 11 from the Detector Main Menu and the "M -Member list" line command to see the member list for a Data Store or a DS Group repsectively. For option 11, the "DETECTOR DS Group Member Selection" panel is displayed immediately. For option 10, the problem occurs when the member with the DS Group attach name is selected on the "Detector Data Sharing Datastore Member List" panel and then an interval is selected. When the "DETECTOR DS Group Member Selection" (PDTD0024) panel is displayed multiple times, the following symptoms occur: In the preceding example, the inactive Db2 subsystem DCOG will now be displayed on the panel. See the following example: 20.0 ----- DETECTOR DS Group Member Selection ----- 22/09 COMMAND ==> SCROLL LI Group name ==> DSNDCOG Members ==> 1 Selected ==> 0 ----- </pre>

Service	Details
	<pre> SSID SYSTEM STATUS SEL CSTATUS SDATE STIME INTTM TIMLM D ---- - _ DC1G CA11 ACTIVE N INACTIVE _ DCOG CA11 INACTIVE N INACTIVE ***** BOTTOM OF DATA ***** When DCOG is selected, this panel will be displayed at several points while the history is being viewed. The same problems occur when using DS Group option 10 from the Detector Main Menu and the "M -Member list" line command to see the member list for a Data Store. IMPACT: The history cannot be viewed for a Db2 DS Group member whose SSID is the same as the group attach name. The recurring display of panel "DETECTOR DS Group Member Selection" is a nuisance. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 18327 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02294-D200 DESC(VIEW HISTORY PROBLEMS WHEN MBR SSID SAME AS GRP ATTACH NAME). ++VER (Z038) FMID (CPDTK00) PRE (LU01982 LU04231 LU04416) SUP (LT07521 LT07524) ++IF FMID(CINSK00) REQ(LU07523). </pre>

Service	Details
LU07544	LU07544 M.C.S. ENTRIES = ++PTF (LU07544) REWORK(2022285) THE GENERATED DDL TO ADD/ALTER PARTITION FAILS PROBLEM DESCRIPTION: In RC/Migrator for DB2 for z/OS (RCM), altering the limit key value of the existing last partition and adding new partitions, the generated DDL for the alter or add partitions will fail when executed if the following conditions are true: 1) The existing last partition limit key value is not 'MINVALUE/MAXVALUE'. 2) The newly added last partition limit key value is not 'MINVALUE/MAXVALUE' 3) The newly added partitons are ascending/descending order. SYMPTOMS: The Alter table DDL to add a partition with limit key value 'MINVALUE/MAXVALUE' is missing. The execution fails with SQLCODE -669 IMPACT: The user will not be able to alter limit key values. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 18406 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02295-D200 DESC (THE GENERATED DDL TO ADD/ALTER PARTITION FAILS). ++VER (Z038) FMID (CINSK00) PRE (LU04412 LU04813 LU05886 LU07268 R097704 S004455 S006113 S007379 S011691 S011966 S012933) SUP (LT05808 LT07544)

Service	Details
LU07558	LU07558 M.C.S. ENTRIES = ++PTF (LU07558) REWORK(2022278) DBM DS STARTUP ISSUES AND MISC DEVOPS CHANGES PROBLEM DESCRIPTION: The DBM Data Service in the Database Management Solutions for Db2 for z/OS has been updated to resolve the following conditions in the data service. a. DBM DS fails to start when using keyring. b. Log parameters are not initialized when using post install configuration. c. Correct work dataset prefix handling for devops endpoints. d. Replace some characters in default devops templates to resolve internal server errors in DBM DS due to encoding translation issue. SYMPTOMS: a. DBM DS ends with known protocol safkeyrin issue. b. DBM DS ends with logger initializer issue. c. DevOps endpoint requests fail due to error in work dataset prefix. d. DevOps endpoints return internal server error due to translation issues in DBM DS. IMPACT: Workaround Exists. CIRCUMVENTION: a. Keystores used in place of SAF Keyrings in server configuration. b. Enable diagnostics option in DBM DS during post install c. Ensure that work dataset prefix is less than 17 chars. d. Replace symbols with equivalent keywords in devops templates like or. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: INS 18479 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02296-D200 DESC(DBM DS STARTUP ISSUES AND MISC DEVOPS CHANGES). ++VER (Z038) FMID (CINSK00) PRE (LU00839 LU01610 LU02808 LU03703 LU04412 LU05967 LU07078 S001396 S006978 S008825 S010061 S011373 S013484 S014401) SUP (AL02808 AL03629 AL03869 AL03955 AL04400 LT03629 LT03869 LT03955 LT04400 LT05299 LT05361 LT07558 LU03629 LU03869 LU03955 LU04400 LU05361 S011679 ST11679) LINK('.. /PXM/ds/dbm-ds.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT(PXMDSSMP,PRE) .

Service	Details																
LU07559	LU07559 M.C.S. ENTRIES = ++PTF (LU07559) REWORK(2022277) RC/MERGER EXECUTION IS FAILING WITH A -512 SQLERROR PROBLEM DESCRIPTION: In RC/Migrator for DB2 for z/OS (RCM), execution of the RC/Merger (RMM) copy analysis fails with SQL error -512 when the source and target Db2 subsystems reside on a different LPARs. SYMPTOMS: Executing the dataset call of RC/Merger (RMM) copy analysis on the Target Db2 subsystem fails with the following SQL error: DSNT408I SQLCODE = -512, ERROR: STATEMENT REFERENCE TO REMOTE OBJECT IS INVALID DSNT418I SQLSTATE = 56023 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXOTDA SQL PROCEDURE DETECTING ERROR RCM0102I - RC/MERGER COMPLETED WITH ERRORS. RETCODE = 16 IMPACT: The RMM copy cannot be successfully executed. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: RMM 18419 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02297-D200 DESC(RC/MERGER EXECUTION IS FAILING WITH A -512 SQLERROR). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04412 LU04463 LU04950 LU05382 LU05886 LU06576 LU07268 R096576 R099553 S000016 S001396 S004455 S004718 S004855 S005199 S006113 S006638 S007323 S007379 S007807 S007955 S008278 S008330 S009105 S009356 S009417 S009860 S011261 S011966 S012361 S012817 S012933 S013071 S014125 S014832 S015804) SUP (LT07559) ++HOLD (LU07559) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (22277) COMMENT (<table border="1"> <tr> <td>Db2 Common Components</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> </table>	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
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																

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
LU07561	LU07561 M.C.S. ENTRIES = ++PTF (LU07561) LUWID IN UR HEADER IN REPORT FORMS ENHANCEMENT DESCRIPTION: Log Analyzer for Db2 for z/OS (PLA) now allows users to add the logical unit of work ID (LUWID) to the URID header in the DML and DDL Report forms. The LUWID can help to identify activity performed on concurrent threads, from a specific CICS terminal, or on a particular DDF thread. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 18245 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02298-D200 DESC(LUWID IN UR HEADER IN REPORT FORMS). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00238 LU00672 LU00940 LU01040 LU01043 LU01538 LU01869 LU02230 LU02381 LU03250 LU03282 LU03316 LU03660 LU03925 LU04419 LU05734 LU06217 LU06631 LU06836 LU07183 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S007382 S008802 S008870 S009083 S009108 S009133 S010677 S011113 S011419 S011669 S011809 S011969 S012364 S012797 S012889 S012900 S012935 S013009 S013625 S013879 S014137 S014613 S014866 S015064 S015220 S015456) SUP (LT02213 LT04562 LT05496 LT06433 LT07561 LU02213 LU04562 LU05496 LU06433 S014142 S014949 ST14142 ST14924 ST14949) ++HOLD (LU07561) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (22277) COMMENT (<pre> +-----+ Log Analyzer for Db2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All Db2 Tools Users +-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems +-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. </pre>

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

Service	Details
LU07563	LU07563 M.C.S. ENTRIES = ++PTF (LU07563) REWORK(2022280) PFR SORTLOG NO/CONCURRENT CORRUPT DATABASE WITH ROWFORMAT PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) may corrupt the database when OBIDXLAT ROWFORMAT is used for row format conversion with SORTLOG NO and SORTLOG CONCURRENT. SYMPTOMS: Recover ends with RC=0 but SELECT(*) after recovery indicates a corrupt database. BPA00163 Unable to set new packageset default. DSNT408I SQLCODE = -438, ERROR: APPLICATION RAISED ERROR WITH DIAGNOSTIC TEXT: PTABDBS: PTLBDBC subtask has abended: S04E IMPACT: PFR may corrupt the database when OBIDXLAT ROWFORMAT is used with SORTLOG NO and CONCURRENT. CIRCUMVENTION: Use SORTLOG YES. PRODUCT(S) AFFECTED: Utility General Recovery Version 20.0 Related Problem: PFR 18345 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02299-D200 DESC(PFR SORTLOG NO/CONCURRENT CORRUPT DATABASE WITH ROWFORMAT) . ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00728 LU01292 LU01717 LU03186 LU03235 LU03859 LU04435 LU04966 LU05850 LU06034 LU07168 R096595 R099574 S000029 S000788 S001660 S004251 S006132 S006879 S007826 S007905 S008280 S008833 S009742 S009748 S010165 S010818 S012155 S012279 S012530 S013130 S013206 S013768 S014568) SUP (LT04948 LT07563) ++HOLD (LU07563) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (22280) COMMENT (<pre> +-----+ Utility General Recovery 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 +-----+-----+ ***** </pre>

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

Service	Details
LU07564	LU07564 M.C.S. ENTRIES = ++PTF (LU07564) REWORK(2022278) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a future planned enhancement. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 18392 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02300-D200 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CINSK00) PRE (LU02455 LU04412 S010041) SUP (LT07564) ++IF FMID(CPDAK00) REQ(LU07565).

Service	Details
LU07565	LU07565 M.C.S. ENTRIES = ++PTF (LU07565) REWORK(2022278) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a future planned enhancement. PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 18392 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02300-D200 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00256 LU04415 LU06301) SUP (LT07565) ++IF FMID(CINSK00) REQ(LU07564).

Service	Details
LU07569	LU07569 M.C.S. ENTRIES = ++PTF (LU07569) REWORK(2022283) TS NOT GENERATED WHEN TS AND TB EXPLICITLY SELECTED IN QM PROBLEM DESCRIPTION: The CREATE TABLESPACE statement is not generated when the table and its explicitly created tablespace are both individually selected in a Quick Migrate. SYMPTOMS: The CREATE TABLESPACE statement is not generated when the table and its explicitly created tablespace are both individually selected in a Quick Migrate. IMPACT: Execution of the generated script fails when executed. CIRCUMVENTION: Set the implode/explode options for the table or tablespace instead of selecting the objects individually. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 18389 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02301-D200 DESC(TS NOT GENERATED WHEN TS AND TB EXPLICITLY SELECTED IN QM) . ++VER (Z038) FMID (CINSK00) PRE (LU00426 LU00446 LU03657 LU04149 LU04412 LU04573 LU04930 LU05739 LU05886 LU06576 LU07248 LU07268 R097704 R099553 S001396 S004455 S004718 S006863 S007379 S008957 S009105 S011691 S011866 S011966 S012361 S012933 S013071 S014125 S014832 S015804) SUP (LT07569)

Service	Details
LU07604	LU07604 M.C.S. ENTRIES = ++PTF (LU07604) REWORK(2022280) S378-14 AT INTERVAL END PROBLEM DESCRIPTION: An Xmanager task may get an S378-14 at interval end for a Detector for Db2 for z/OS (PDT) collection and the collection will stop. SYMPTOMS: The Xmanager JESMSGGLG will show a message such as: PDT0102 DETECTOR TERM IN PROGRESS FOR DB2=DB5T USER=CONSOLE PDT0216 DYNAMIC COLLECTION S13E ABEND INCURRED/TERMINATION FORCED PDT0730 DETECTOR TERM CLEANUP IN PROGRESS DB2=DB5T and then: IEA705I ERROR DURING FREEMAIN SYS CODE = 378-14 PTXMANB PTXMANB 00 IEA705I 00FB0B80 009B4BF8 009EE1A0 00000300 000000D0 2D613F30 IEA995I SYMPTOM DUMP OUTPUT 061 SYSTEM COMPLETION CODE=378 REASON CODE=00000014 TIME=16.00.02 SEQ=54838 CPU=0000 ASID=0336 PSW AT TIME OF ERROR 470C1000 81292C1E ILC 2 INTC 0D NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 01292C18 - 00181610 0A0D98DC D0088910 AR/GR 0: 00000080/00000000_84000000 1: 00000000/00000000_84378000 2: 00000000/00000000_00000004 3: 00000000/00000050_00000003 4: 00000000/00000000_00000080 5: 00000000/00000000_00000005 6: 00000001/00000000_00000002 7: 00000000/00000000_00000378 8: 00000000/00000000_00000014 9: 00000000/00000000_000000D0 A: 00000000/00000000_2D613F30 B: 00000001/00000000_00000378 C: 00000000/00000000_81292BE6 D: 00000000/00000000_7FF17008 E: 00000000/00000000_AD41C93C F: 00000000/00000000_00000014 END OF SYMPTOM DUMP IMPACT: The Detector collection stops and a small piece of storage is not released. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PXM 18457 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02302-D200 DESC(S378-14 AT INTERVAL END). ++VER (Z038) FMID (CINSK00) PRE (LU04412 LU06348 R099979 S011674) SUP (LT07604) ++HOLD (LU07604) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22280) COMMENT (+-----+ Db2 Common Components Version 20.0 +-----+ SEQUENCE Before Apply

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

Service	Details
LU07608	LU07608 M.C.S. ENTRIES = ++PTF (LU07608) REWORK(2022290) ALTER AND COMPARE STRATEGY ANALYSIS ENDS WITH 878 ABEND PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), analyzing a compare or an alter strategy may end with a 878 abend with a reason code 10, if the following conditions are true: 1) Both Compare and Alter strategies include TCP tables with LOB columns and more parttions. 2) The alter strategy is altering a partition table with LOB columns and more than 100 partitions. SYMPTOMS: SYSTEM COMPLETION CODE=878 REASON CODE=00000010 TIME=09.20.37 SEQ=56754 CPU=0000 ASID=037A PSW AT TIME OF ERROR 070C1000 8147A9E0 ILC 2 INTC 0D NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 0147A9DA - 00181610 0A0D98DC D0088910 IMPACT: Users are not be able to successfully analyze the compare or alter strategy. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 18489 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02303-D200 DESC(ALTER AND COMPARE STRATEGY ANALYSIS ENDS WITH 878 ABEND). ++VER (Z038) FMID (CINSK00) PRE (LU00426 LU00446 LU03657 LU04149 LU04412 LU04573 LU04930 LU05739 LU05886 LU06576 LU07248 LU07268 R097704 R099553 S001396 S004455 S004718 S006113 S006863 S007379 S007807 S008957 S009105 S011691 S011866 S011966 S012361 S012933 S013071 S014125 S014832 S015804) SUP (LT07569 LT07608 LU07569 S008051 S010046 ST08051 ST10046) ++IF FMID(CRCUK00) REQ(LU07635).

Service	Details										
LU07618	LU07618 M.C.S. ENTRIES = ++PTF (LU07618) REWORK(2022284) SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502 PROBLEM DESCRIPTION: Database Management Solutions for Db2 for z/OS Utilities is providing support for Db2 function level V13R1M502. SYMPTOMS: Running a utility on Db2 function level V13R1M502 without this PTF results in the following message: PUT9700E - Unsupported Db2 function level: V13R1M502 Highest supported function level : V13R1M501 The highest supported function level may differ based on the applied maintenance. IMPACT: Unable to run Utilities on Db2 function level V13R1M502. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 18514 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02304-D200 DESC(SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502). ++VER (Z038) FMID (CPFLK00) PRE (LU00301 LU01349 LU02243 LU03191 LU03210 LU03684 LU03742 LU04417 LU05207 LU05225 LU05348 LU05534 LU06077 LU06365 LU06789 S000018 S001656 S006117 S008071 S009024 S011107 S011996 S012107 S012150 S012275 S012526 S013150 S013706 S014031 S015235 S015484) SUP (LT02821 LT03038 LT07618 ST11056 ST13122 ST15157) ++IF FMID(CPFUK00) REQ(LU07619). ++IF FMID(CPRRK00) REQ(LU07620). ++IF FMID(CPUTK00) REQ(LU07621).	Utilities Common	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0
Utilities Common	Version 20.0										
Fast Unload for Db2 for z/OS	Version 20.0										
Fast Load for Db2 for z/OS	Version 20.0										
Fast Index for Db2 for z/OS	Version 20.0										
Rapid Reorg for Db2 for z/OS	Version 20.0										

Service	Details										
LU07619	LU07619 M.C.S. ENTRIES = ++PTF (LU07619) REWORK(2022284) SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502 PROBLEM DESCRIPTION: Database Management Solutions for Db2 for z/OS Utilities is providing support for Db2 function level V13R1M502. SYMPTOMS: Running a utility on Db2 function level V13R1M502 without this PTF results in the following message: PUT9700E - Unsupported Db2 function level: V13R1M502 Highest supported function level : V13R1M501 The highest supported function level may differ based on the applied maintenance. IMPACT: Unable to run Utilities on Db2 function level V13R1M502. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 18514 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02304-D200 DESC(SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502). ++VER (Z038) FMID (CPFUK00) PRE (LU00302 LU01350 LU02727 LU03032 LU03211 LU03265 LU03353 LU03732 LU04418 LU04789 LU04868 LU06078 LU06305 R099558 S000019 S001402 S001818 S004460 S006118 S006867 S007812 S008860 S011108 S011997 S012151 S013151 S013707 S014984 S015236 S016195) SUP (LT02822 LT03039 LT07619 ST13123 ST15158) ++IF FMID(CPFLK00) REQ(LU07618). ++IF FMID(CPRRK00) REQ(LU07620). ++IF FMID(CPUTK00) REQ(LU07621).	Utilities Common	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0
Utilities Common	Version 20.0										
Fast Unload for Db2 for z/OS	Version 20.0										
Fast Load for Db2 for z/OS	Version 20.0										
Fast Index for Db2 for z/OS	Version 20.0										
Rapid Reorg for Db2 for z/OS	Version 20.0										

Service	Details										
LU07620	LU07620 M.C.S. ENTRIES = ++PTF (LU07620) REWORK(2022284) SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502 PROBLEM DESCRIPTION: Database Management Solutions for Db2 for z/OS Utilities is providing support for Db2 function level V13R1M502. SYMPTOMS: Running a utility on Db2 function level V13R1M502 without this PTF results in the following message: PUT9700E - Unsupported Db2 function level: V13R1M502 Highest supported function level : V13R1M501 The highest supported function level may differ based on the applied maintenance. IMPACT: Unable to run Utilities on Db2 function level V13R1M502. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 18514 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02304-D200 DESC(SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502). ++VER (Z038) FMID (CPRRK00) PRE (LU00303 LU01351 LU03034 LU03212 LU03233 LU03733 LU04425 LU04637 LU04965 LU05208 LU06079 R096588 R097715 R098968 S000023 S001658 S006125 S006582 S006609 S007818 S009026 S009089 S009599 S009905 S011080 S011109 S011200 S011237 S011998 S012109 S012152 S012277 S012528 S012716 S013152 S013204 S013635 S013708 S014640 S015237 S015313) SUP (LT02823 LT03040 LT07620 S015585 ST11058 ST15159 ST15282 ST15289 ST15585) ++IF FMID(CPFLK00) REQ(LU07618). ++IF FMID(CPFUK00) REQ(LU07619). ++IF FMID(CPUTK00) REQ(LU07621).	Utilities Common	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0
Utilities Common	Version 20.0										
Fast Unload for Db2 for z/OS	Version 20.0										
Fast Load for Db2 for z/OS	Version 20.0										
Fast Index for Db2 for z/OS	Version 20.0										
Rapid Reorg for Db2 for z/OS	Version 20.0										

Service	Details										
LU07621	LU07621 M.C.S. ENTRIES = ++PTF (LU07621) REWORK(2022284) SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502 PROBLEM DESCRIPTION: Database Management Solutions for Db2 for z/OS Utilities is providing support for Db2 function level V13R1M502. SYMPTOMS: Running a utility on Db2 function level V13R1M502 without this PTF results in the following message: PUT9700E - Unsupported Db2 function level: V13R1M502 Highest supported function level : V13R1M501 The highest supported function level may differ based on the applied maintenance. IMPACT: Unable to run Utilities on Db2 function level V13R1M502. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>Utilities Common</td><td>Version 20.0</td></tr> <tr> <td>Fast Unload for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Load for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Fast Index for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>Rapid Reorg for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PUT 18514 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02304-D200 DESC(SUPPORT FOR DB2 FUNCTION LEVEL V13R1M502). ++VER (Z038) FMID (CPUTK00) PRE (LU00304 LU00727 LU01352 LU03213 LU03234 LU03734 LU04427 LU04990 LU05209 LU06080 R098969 S000024 S006127 S011110 S011604 S011999 S012153 S013153 S013205 S013709 S015238 S015486) SUP (LT02824 LT03041 LT07621 ST15160) ++IF FMID(CPFLK00) REQ(LU07618). ++IF FMID(CPFUK00) REQ(LU07619). ++IF FMID(CPRRK00) REQ(LU07620).	Utilities Common	Version 20.0	Fast Unload for Db2 for z/OS	Version 20.0	Fast Load for Db2 for z/OS	Version 20.0	Fast Index for Db2 for z/OS	Version 20.0	Rapid Reorg for Db2 for z/OS	Version 20.0
Utilities Common	Version 20.0										
Fast Unload for Db2 for z/OS	Version 20.0										
Fast Load for Db2 for z/OS	Version 20.0										
Fast Index for Db2 for z/OS	Version 20.0										
Rapid Reorg for Db2 for z/OS	Version 20.0										

Service	Details
LU07629	LU07629 M.C.S. ENTRIES = ++PTF (LU07629) REWORK(2022285) TABLE ONLY MIGRATION GENERATES DROP TABLESPACE DDL PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), the analysis on a table only migration strategy generates DROP TABLESPACE DDL when the analysis option 'DROP OBJECTS == Y' is used and the table is partitioned. SYMPTOMS: The analysis output will include 'DROP TABLESPACE' DDL. IMPACT: The create table DDL will fail since Tablespace is not recreated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 18511 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02305-D200 DESC(TABLE ONLY MIGRATION GENERATES DROP TABLESPACE DDL) . ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03142 LU03657 LU03856 LU04149 LU04412 LU04654 LU05739 LU05886 LU06576 LU07248 LU07268 R097704 R099553 S001396 S004455 S004718 S006113 S006638 S006863 S007379 S009105 S010974 S011691 S011966 S012361 S012933 S013154 S014832 S015804) SUP (LT03391 LT05278 LT07436 LT07629 LU03391 LU05278 LU07436 S009790 S010815 ST09790 ST10815)

Service	Details
LU07635	LU07635 M.C.S. ENTRIES = ++PTF (LU07635) REWORK(2022290) ALTER AND COMPARE STRATEGY ANALYSIS ENDS WITH 878 ABEND PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), analyzing a compare or an alter strategy may end with a 878 abend with a reason code 10, if the following conditions are true: 1) Both Compare and Alter strategies include TCP tables with LOB columns and more parttions. 2) The alter strategy is altering a partition table with LOB columns and more than 100 partitions. SYMPTOMS: SYSTEM COMPLETION CODE=878 REASON CODE=00000010 TIME=09.20.37 SEQ=56754 CPU=0000 ASID=037A PSW AT TIME OF ERROR 070C1000 8147A9E0 ILC 2 INTC 0D NO ACTIVE MODULE FOUND NAME=UNKNOWN DATA AT PSW 0147A9DA - 00181610 0A0D98DC D0088910 IMPACT: Users are not be able to successfully analyze the compare or alter strategy. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 18489 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02303-D200 DESC(ALTER AND COMPARE STRATEGY ANALYSIS ENDS WITH 878 ABEND). ++VER (Z038) FMID (CRCUK00) PRE (LU00449 LU04150 LU04432 LU05888 LU07271 S007383 S011970 S012365 S012936) SUP (LT07635) ++IF FMID(CINSK00) REQ(LU07608).

Service	Details
LU07636	LU07636 M.C.S. ENTRIES = ++PTF (LU07636) REWORK(2022284) EXPORT FOR SYSVIEW EXCEPTION DEFINITION FAILED WITH DBG179E PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) exception definition export fails with internal serialization error DBG55179E. SYMPTOMS: The JSON export job IUIBATCH fails with the following error: DBG55179E Internal error during exception definition serialization. IMPACT: JSON export fails for Exception definition. CIRCUMVENTION: Update the Exception Message Text panel. Reduce the number of characters in Part 2 of the "Ind./real-time message text for all other on-line screens" to no more than 46. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 18491 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02306-D200 DESC(EXPORT FOR SYSVIEW EXCEPTION DEFINITION FAILED WITH DBG179E). ++VER (Z038) FMID (CIDBK00) PRE (LU02118 LU03286 LU04411 LU05497 R099552 S001395 S004454 S006862 S008846 S010160 S015070) SUP (LT07636)

Service	Details
LU07654	LU07654 M.C.S. ENTRIES = ++PTF (LU07654) REWORK(2022284) PUT0037E DURING THE REORG OF OBJECT WITH HUFFMAN COMPRESSION PROBLEM DESCRIPTION: Rapid Reorg for Db2 for z/OS (PRR) can fail with SQLCODE = 100 and the PUT0037E error message when all of the following conditions are true when reorganizing a tablespace: - DATA-AVAILABLE NORMAL is specified - REBUILD-INDEX NO is specified - SWITCH-TO-IBM is set to YES in the UTIL PARMLIB member - The reorg is run on a tablespace with Huffman compression - The reorg is run on a tablespace with a nonpartitioned index SYMPTOMS: The following or similar messages are in the PTIMSG output: DSNT404I SQLCODE = 100, NOT FOUND: ROW NOT FOUND FOR FETCH, UPDATE, OR DELETE, OR THE RESULT OF A QUERY IS AN EMPTY TABLE DSNT418I SQLSTATE = 02000 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXRFF SQL PROCEDURE DETECTING ERROR DSNT416I SQLERRD = -110 0 0 -1 0 0 SQL DIAGNOSTIC INFORMATION DSNT416I SQLERRD = X'FFFFFFF92' X'00000000' X'00000000' X'FFFFFFF' X'00000000' X'00000000' SQL DIAGNOSTIC INFORMATION PUT0037E - Restart Table access error - SQL Error Code: -100 Internal Function Code: 4U1N IMPACT: The PRR jobs end with errors. CIRCUMVENTION: Specify DATA-AVAILABLE HIGH, DATA-AVAILABLE CRITICAL, or REBUILD-INDEX YES. PRODUCT(S) AFFECTED: Rapid Reorg for Db2 for z/OS Version 20.0 Related Problem: PRR 18422 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02307-D200 DESC(PUT0037E DURING THE REORG OF OBJECT WITH HUFFMAN COMPRESSION). ++VER (Z038) FMID (CPRRK00) PRE (LU04425 LU04965 LU05208 R097715 R098968 S000023 S006609 S011603 S011998 S012152) SUP (LT07654)

Service	Details
LU07657	LU07657 M.C.S. ENTRIES = ++PTF (LU07657) REWORK(2022285) ERROR PRF0933E ON ENTERING THE START-UP TRANSACTION CODE PROBLEM DESCRIPTION: Report Facility (PRF) on IMS may encounter the error PRF0933E when entering the start-up transaction code on the IMS terminal. The error PRF0933E occurs when the user ID translation exit has not been specified in the PRFIPT control card of the Message Processing Region (MPR) job. PRF0933E - PRF application abended. Contact your system administrator. SYMPTOMS: PRF on IMS encounters the error PRF0933E on entering the start-up transaction code on the IMS terminal. IMPACT: PRF users will not be able to start PRF transaction on the IMS terminal. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Report Facility (PRF) for IMS Version 20.0 Related Problem: BIPRF 18476 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02308-D200 DESC(ERROR PRF0933E ON ENTERING THE START-UP TRANSACTION CODE). ++VER (Z038) FMID (CPRFK02) PRE (LU04424 LU07415) SUP (AL07415 LT04379 LT07657 LU04379)

Service	Details
LU07662	LU07662 M.C.S. ENTRIES = ++PTF (LU07662) REWORK(2022292) SELECT STATEMENT FAILS WITH SOC4 ABEND WITH LARGE DATA PROBLEM DESCRIPTION: In the Batch Processor (RBP) component of the Database Management Solutions for Db2 for z/OS, when output is written to the PTISELDD dataset, the SELECT statement execution fails with SOC4 abend due to storage issue. SYMPTOMS: Users see following abend when a SELECT statement results in a large amount of data. SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 ACTIVE MODULE OFFSET=00005FE6 NAME=BPLSQL8 BPA072E JOB <jobname> ABENDED. ABEND CODE SOC4 REASON CODE 0011 BPA072E ABEND OCCURRED IMPACT: SELECT statement storage issues are being incorrectly reported. CIRCUMVENTION: None. SYMPTOMS: IMPACT: CIRCUMVENTION: PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: RBP 18420 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02309-D200 DESC(SELECT STATEMENT FAILS WITH SOC4 ABEND WITH LARGE DATA). ++VER (Z038) FMID (CINSK00) PRE (LU01683 LU04412 LU04896 LU05161 LU05971 S006638) SUP (LT07662)

Service	Details
LU07668	LU07668 M.C.S. ENTRIES = ++PTF (LU07668) REWORK(2022286) QUIET POINT ANALYSIS COMPLETES WITH LAE0453E IN DATA SHARING PROBLEM DESCRIPTION: The Quiet Point Analysis (QPA) service in Log Analyzer for Db2 for z/OS (PLA) may terminate with error message LAE0453E in a Data Sharing environment. There is no other information in the output that assists in determining the source of the problem. SYMPTOMS: The output of the job contains the following error messages: QPA0002I QPA Service processing completed with RC=8 LAE0453E QPA Service terminated with an error. IMPACT: QPA service fails and no report is generated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Version 20.0 Related Problem: PLA 18272 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02311-D200 DESC(QUIET POINT ANALYSIS COMPLETES WITH LAE0453E IN DATA SHARING). ++VER (Z038) FMID (CPLAK00) PRE (LU00725 LU02979 LU04419 S000020 S001403 S004245 S004795 S007813 S010677 S011113 S012900 S013625 S013879) SUP (LT07668)

Service	Details
LU07679	LU07679 M.C.S. ENTRIES = ++PTF (LU07679) REWORK(2022293) SOC4 ABEND WHEN CREATING AUTOMAP COMPARE USING ALTER TS DDL PROBLEM DESCRIPTION: When creating an AUTOMAP compare strategy using RC/Compare for Db2 for z/OS (RCC), a SOC4 abend may occur if the source DDL includes Alter Tablespace DDL. SYMPTOMS: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=10.57.37 SEQ=21803 CPU=0000 ASID=0043 PSW AT TIME OF ERROR 078D3000 800329BE ILC 4 INTC 11 ACTIVE MODULE ADDRESS=00000000_00032000 OFFSET=000009BE NAME=CSLVC31 DATA AT PSW 000329B8 - 41E03016 06104410 C546D503 AR/GR 0: 00AF8440/000A5B58 1: 00000000/FFFFFFFF 2: 00000000/00000000 3: 00000000/000A1000 4: 00000000/00128D1C 5: 00000000/0012394A 6: 00000000/00128F98 7: 00000000/000A5980 8: 00000000/001212F0 9: 00000000/000876C0 A: 00000000/0001D010 B: 00000000/00034068 C: 00000000/00032638 D: 00000000/000A5E78 E: 00000000/000A5F0A F: 00000000/00128FBE IMPACT: Users are not able to create an AUTOMAP compare strategy. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 18559 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02312-D200 DESC(SOC4 ABEND WHEN CREATING AUTOMAP COMPARE USING ALTER TS DDL). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU00530 LU04412 LU05886 R096576 R099553 S012361 S014832 S015804) SUP (LT07679)

Service	Details
LU07687	LU07687 M.C.S. ENTRIES = ++PTF (LU07687) REWORK(2022293) SUPPORT TO GENERATE THE CREATE TB STATEMENT FOR IDAA TABLES ENHANCEMENT DESCRIPTION: The Object Framework Services (OFS) component of the Database Management Solutions for Db2 for z/OS has been enhanced to provide DDL generation support in RC/Query for Db2 for z/OS (RCQ) for accelerator tables and accelerator clauses support in routines. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: OFS 17402 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02313-D200 DESC(SUPPORT TO GENERATE THE CREATE TB STATEMENT FOR IDAA TABLES). ++VER (Z038) FMID (CINSK00) PRE (LU00412 LU00446 LU00925 LU01106 LU01705 LU01978 LU02029 LU03314 LU03657 LU03923 LU04412 LU04656 LU05111 LU05175 LU05407 LU05886 LU06412 LU06576 LU06629 LU07268 R096576 R097704 R099553 S001396 S004455 S004718 S006113 S007379 S007807 S008662 S009105 S010004 S010162 S011691 S011966 S012361 S012650 S012933 S015804 S016132) SUP (LT07687 S013273 ST13273) ++IF FMID(COFSK00) REQ(LU07688).

Service	Details
LU07688	LU07688 M.C.S. ENTRIES = ++PTF (LU07688) REWORK(2022293) SUPPORT TO GENERATE THE CREATE TB STATEMENT FOR IDAA TABLES ENHANCEMENT DESCRIPTION: The Object Framework Services (OFS) component of the Database Management Solutions for Db2 for z/OS has been enhanced to provide DDL generation support in RC/Query for Db2 for z/OS (RCQ) for accelerator tables and accelerator clauses support in routines. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: OFS 17402 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02313-D200 DESC(SUPPORT TO GENERATE THE CREATE TB STATEMENT FOR IDAA TABLES). ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU00644 LU01053 LU01107 LU01122 LU01179 LU01979 LU02280 LU03315 LU03659 LU03924 LU04085 LU04413 LU05035 LU05335 LU05528 LU06047 LU06630 LU07459 R096577 R097705 R099554 S001397 S001666 S004456 S006114 S006864 S007380 S007808 S008435 S008579 S008663 S009106 S009762 S010029 S011967 S012362 S012412 S014126 S015062 S015225 S016133) SUP (AL02437 BL02437 LT00200 LT01176 LT01222 LT01273 LT01516 LT01832 LT01937 LT02387 LT02437 LT02633 LT02866 LT04202 LT04444 LT05806 LT06004 LT06230 LT06250 LT06257 LT06278 LT06624 LT06914 LT07257 LT07688 LU01222 LU01832 LU01937 LU02387 LU02437 LU02633 LU02866 LU04202 LU04444 LU05806 LU06230 LU06257 LU06278 LU06914 LU07257 S008101 S008109 S008403 S008427 S008858 S009128 S009647 S010250 S011921 S013758 S013781 S013990 S014570 S014655 S015440 S015650 ST04320 ST04946 ST08101 ST08109 ST08403 ST08427 ST08858 ST08864 ST08979 ST09008 ST09128 ST09327 ST09467 ST09647 ST10250 ST11770 ST11921 ST12409 ST13745 ST13758 ST13781 ST13860 ST13990 ST14570 ST14655 ST15440 ST15650 ST16272 TR97527) ++IF FMID(CINSK00) REQ(LU07687).

Service	Details
LU07697	LU07697 M.C.S. ENTRIES = ++PTF (LU07697) REWORK(2022292) GSS SOC4-11 ABEND IN IMOD \$DBM_DXR PROCESSING IRLM MESSAGES PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) GSS IMOD \$DBM_DXR may encounter an ABEND SOC4-11 while processing messages from IRLM. SYMPTOMS: SRV259 Module failed with SOC4 (Reason: 00000011) SRV366 PSW: 070C0000 B571A07C - REXMEMRY+0504 SRV101 REXMEMRY EP at: 35719B78 ASM: 05/03/2012 04.11 SRV261 Regs GR00-03 FFFFFFFF 0000000C 000200B3 00000003 SRV261 Regs GR04-07 00000000 363BBFDA 35774340 35770A70 SRV261 Regs GR08-11 35772220 35773220 363B9000 0000F000 SRV261 Regs GR12-15 35719B78 7F304470 00000004 00000000 SRV263 No retry routine available SRV266 ESTAE TERMINATES PROCESSING SRV277 00305631 \$DBM_DXR GRX0114I Execution error found: line 102 User function failed. IMPACT: GSS terminates and must be restarted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 2420 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02314-D200 DESC(GSS SOC4-11 ABEND IN IMOD \$DBM_DXR PROCESSING IRLM MESSAGES). ++VER (Z038) FMID (CIDBK00) PRE (LU04411) SUP (LT07697) ++HOLD (LU07697) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (22292) COMMENT (+-----+ SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Update the GSS IMODs in the ISET VSAM File +-----+ USERS All Sysview/DB2 AFFECTED +-----+ KNOWLEDGE SMP/E and batch jobs. REQUIRED +-----+ ACCESS Update access to the ISET GSS VSAM file REQUIRED

Service	Details
	<pre> +-----+-----+ ***** * STEPS TO PERFORM * ***** After applying this PTF, run the sample JCL GSSIMOD in the SOURCE library to create a new GSS ISET VSAM data set. Replace the existing Sysview/DB2 GSS ISET with the new one, in the GSS SYSPARMS. (You may also modify the GSSIMOD job to simply update the existing file.)).</pre>

Service	Details
LU07714	LU07714 M.C.S. ENTRIES = ++PTF (LU07714) REWORK(2022292) INCORRECT DETECTION OF HUFFMAN COMPRESSION PROBLEM DESCRIPTION: Fast Load for Db2 for z/OS (PFL) incorrectly detects Huffman compression and switches to non-native processing when the following conditions are met: - TS_COMPRESSION_TYPE ZPARM is set to FIXED_LENGTH. - The tablespace contains empty data sets with no pages. SYMPTOMS: One of the following messages may be issued depending on the hlq.CDBAPARM UTIL member SWITCH-TO-IBM setting: PFL0303E - Unsupported object type - New Huffman dictionary needed - Processing bypassed due to UTIL PARMLIB - member having SWITCH-TO-IBM set to NO. PFL0303I - Unsupported object type - New Huffman dictionary needed - Processing passed to IBM due to UTIL PARMLIB - member having SWITCH-TO-IBM set to YES. IMPACT: PFL may end with a condition code 8 or switch to non-native processing. CIRCUMVENTION: One of the following: - Drop and recreate the tablespace if possible and execute PFL. - Configure the PFL job to execute successfully via non-native processing. PRODUCT(S) AFFECTED: Fast Load for Db2 for z/OS Version 20.0 Related Problem: PFL 18580 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02316-D200 DESC(INCORRECT DETECTION OF HUFFMAN COMPRESSION). ++VER (Z038) FMID (CPFLK00) PRE (LU00301 LU00724 LU01349 LU01379 LU02243 LU03191 LU03210 LU03684 LU03742 LU04417 LU04616 LU05207 LU05225 LU05348 LU05534 LU06076 LU06077 LU06365 LU06789 LU07264 LU07483 LU07618 S000018 S001656 S006117 S007170 S008071 S008378 S009024 S009977 S011107 S011235 S011846 S011996 S012107 S012150 S012275 S012526 S013150 S013203 S013706 S014031 S014772 S015015 S015235 S015484 S015738 S016089) SUP (LT02821 LT03038 LT07714 ST11056 ST13122 ST15157)

Service	Details
LU07716	LU07716 M.C.S. ENTRIES = ++PTF (LU07716) REWORK(2022298) ADD XNET MESSAGE IDS TO SYSVIEW/DB2 XNET INTERFACE MESSAGES PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) data collector messages from the Xnet interface do not have standard message ID's. The following new messages are added: DBG83002I - Xnet Agent Up DBG83003I - Xnet Agent Down DBG83004I - Xnet Request DBG83005I - Return/Reason code from failed Xnet Request DBG83006I - Trace of Xnet input parms DBG83010I - Director Up DBG83011I - Director Down DBG83020I - Debugging messages SYMPTOMS: Messages in the data collector job log are without message id. 09/24/22 22:10:09.771 Xnet Agent up id(CA11DT112000PR20) xmgr(2000) IMPACT: Automation cannot be used on these messages. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 18463 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02317-D200 DESC(ADD XNET MESSAGE IDS TO SYSVIEW/DB2 XNET INTERFACE MESSAGES). ++VER (Z038) FMID (CIDBK00) PRE (LU04411 LU05464 LU06687 R096575 S004454 S006862 S006977 S008846) SUP (LT03954 LT07716 LU03954)

Service	Details																																		
LU07721	LU07721 M.C.S. ENTRIES = ++PTF (LU07721) REWORK(2022291) The following items are included in this solution: 1. LMP LICENSE CHECKING CORRECTION 2. LMP LICENSE CHECKING CORRECTION ===== LMP LICENSE CHECKING CORRECTION ENHANCEMENT DESCRIPTION: LMP license checking within Detector for Db2 for z/OS (PDT) has been corrected. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 18312 ===== LMP LICENSE CHECKING CORRECTION ENHANCEMENT DESCRIPTION: LMP license checking within Subsystem Analyzer for Db2 for z/OS (PSA) has been corrected. PRODUCT(S) AFFECTED: Subsystem Analyzer for Db2 for z/OS Version 20.0 Related Problem: PSA 18461 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2318-D200 DESC(LMP LICENSE CHECKING CORRECTION). ++VER (Z038) FMID (CINSK00) PRE (LU00523 LU01978 LU04412 LU05347 LU05717 LU05997 LU06606 LU06887 S004455 S004756 S006113 S011317) SUP (LT07666 LT07721) ++IF FMID(CPDTK00) REQ(LU07722). ++IF FMID(CPSAK00) REQ(LU07723). ++HOLD (LU07721) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22291) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> Db2 Common Components</td> <td>Version 20.0 </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> SEQUENCE</td> <td> Before Apply </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> PURPOSE</td> <td> Avoidance of module mismatch related errors in an Xmanager </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> USERS</td> <td> Collections of Db2 statistics via Detector or Subsystem </td> </tr> <tr> <td> AFFECTED</td> <td> Analyzer. </td> </tr> <tr> <td> </td> <td> Db2 subsystems that have active collections. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> KNOWLEDGE</td> <td> 1. SMP/E </td> </tr> <tr> <td> REQUIRED</td> <td> 2. z/OS System Programming </td> </tr> <tr> <td> </td> <td> 3. Db2 Tools Installation and Maintenance procedures. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> ACCESS</td> <td> 1. Product runtime libraries. </td> </tr> <tr> <td> REQUIRED</td> <td> </td> </tr> </table>	+-----+		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	
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Service	Details
	<pre> +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).</pre>

Service	Details														
LU07722	LU07722 M.C.S. ENTRIES = ++PTF (LU07722) REWORK(2022291) The following items are included in this solution: 1. LMP LICENSE CHECKING CORRECTION 2. LMP LICENSE CHECKING CORRECTION ===== LMP LICENSE CHECKING CORRECTION ENHANCEMENT DESCRIPTION: LMP license checking within Detector for Db2 for z/OS (PDT) has been corrected. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 18312 ===== LMP LICENSE CHECKING CORRECTION ENHANCEMENT DESCRIPTION: LMP license checking within Subsystem Analyzer for Db2 for z/OS (PSA) has been corrected. PRODUCT(S) AFFECTED: Subsystem Analyzer for Db2 for z/OS Version 20.0 Related Problem: PSA 18461 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02318-D200 DESC(LMP LICENSE CHECKING CORRECTION). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00524 LU00549 LU00938 LU01542 LU02944 LU03461 LU03710 LU03809 LU03917 LU04231 LU04356 LU04416 LU04795 LU05127 LU05152 LU06112 R096580 R098429 S001400 S003942 S004458 S004757 S006116 S006334 S007810 S010908 S011694 S013889 S014338 S016174) SUP (AL03917 DC97644 LT00768 LT04339 LT05875 LT06596 LT06928 LT07667 LT07722 LU00768 LU04339 LU05875 LU06596 LU06928 S010521 S014397 S014782 ST10521 ST14397 ST14782) ++IF FMID(CINSK00) REQ(LU07721). ++IF FMID(CPSAK00) REQ(LU07723). ++HOLD (LU07722) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22291) COMMENT (<table border="1"> <tr> <td>Detector for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> -----+----- <table border="1"> <tr> <td>SEQUENCE</td><td>Before Apply</td></tr> </table> -----+----- <table border="1"> <tr> <td>PURPOSE</td><td>Avoidance of module mismatch related errors in an Xmanager</td></tr> </table> -----+----- <table border="1"> <tr> <td>USERS</td><td>Collections of Db2 statistics via Detector or Subsystem</td></tr> <tr> <td>AFFECTED</td><td>Analyzer.</td></tr> <tr> <td></td><td>Db2 subsystems that have active collections.</td></tr> </table> -----+----- <table border="1"> <tr> <td>KNOWLEDGE</td><td>1. SMP/E</td></tr> </table>	Detector for Db2 for z/OS	Version 20.0	SEQUENCE	Before Apply	PURPOSE	Avoidance of module mismatch related errors in an Xmanager	USERS	Collections of Db2 statistics via Detector or Subsystem	AFFECTED	Analyzer.		Db2 subsystems that have active collections.	KNOWLEDGE	1. SMP/E
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Service	Details
	<pre> REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).</pre>

Service	Details																																		
LU07723	LU07723 M.C.S. ENTRIES = ++PTF (LU07723) REWORK(2022291) The following items are included in this solution: 1. LMP LICENSE CHECKING CORRECTION 2. LMP LICENSE CHECKING CORRECTION ===== LMP LICENSE CHECKING CORRECTION ENHANCEMENT DESCRIPTION: LMP license checking within Detector for Db2 for z/OS (PDT) has been corrected. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 18312 ===== LMP LICENSE CHECKING CORRECTION ENHANCEMENT DESCRIPTION: LMP license checking within Subsystem Analyzer for Db2 for z/OS (PSA) has been corrected. PRODUCT(S) AFFECTED: Subsystem Analyzer for Db2 for z/OS Version 20.0 Related Problem: PSA 18461 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved RO2318-D200 DESC(LMP LICENSE CHECKING CORRECTION). ++VER (Z038) FMID (CPSAK00) PRE (LU01990 LU03601 LU04232 LU04426 LU05515 R097716 S000871 S001410 S004468 S009267 S010867 S012926 S014681 S016175) SUP (LT07723 S008190 ST08190) ++IF FMID(CINSK00) REQ(LU07721). ++IF FMID(CPDTK00) REQ(LU07722). ++HOLD (LU07723) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (22291) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> Subsystem Analyzer for Db2 for z/OS</td> <td> Version 20.0 </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> SEQUENCE</td> <td> Before Apply </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> PURPOSE</td> <td> Avoidance of module mismatch related errors in an Xmanager </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> USERS</td> <td> Collections of Db2 statistics via Detector or Subsystem </td> </tr> <tr> <td> AFFECTED</td> <td> Analyzer. </td> </tr> <tr> <td> </td> <td> Db2 subsystems that have active collections. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> KNOWLEDGE</td> <td> 1. SMP/E </td> </tr> <tr> <td> REQUIRED</td> <td> 2. z/OS System Programming </td> </tr> <tr> <td> </td> <td> 3. Db2 Tools Installation and Maintenance procedures. </td> </tr> <tr> <td colspan="2">+-----+</td> </tr> <tr> <td> ACCESS</td> <td> 1. Product runtime libraries. </td> </tr> <tr> <td> REQUIRED</td> <td> </td> </tr> </table>	+-----+		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	
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Service	Details
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Service	Details
LU07734	LU07734 M.C.S. ENTRIES = ++PTF (LU07734) REWORK(2022293) SOC3 ABEND IN PFR WITH 4K TS PGSIZE AND USE-CHANGE-ACCUM YES PROBLEM DESCRIPTION: Fast Recover for Db2 for z/OS (PFR) with USE-CHANGE-ACCUM YES may fail with a SOC3 ABEND in FRL@DRI0 when a tablespace having PG SIZE 4K is recovered along with another tablespace (with separate RECOVER TABLESPACE statement) having PGSIZE greater than 4K. SYMPTOMS: PFR job terminates with a SOC3 ABEND in FRL@DRI0. IMPACT: PFR recovery process may terminate without recovering objects. CIRCUMVENTION: Specify USE-CHANGE-ACCUM NO within the RECOVER TABLESPACE syntax. PRODUCT(S) AFFECTED: Fast Recover for Db2 for z/OS (PFR) Version 20.0 Related Problem: PFR 18545 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02319-D200 DESC(SOC3 ABEND IN PFR WITH 4K TS PGSIZE AND USE-CHANGE-ACCUM YES). ++VER (Z038) FMID (CUGRK00) PRE (LU00728 LU01182 LU04435 LU05850 R096595 R099574 S000029 S000788 S001660 S004249 S004251 S004799 S006132 S007826 S008280 S012155 S014568) SUP (LT07734)

Service	Details
LU07743	LU07743 M.C.S. ENTRIES = ++PTF (LU07743) REWORK(2022300) GARBAGE CHARACTERS FOR TABLESPACE IN CREATE TABLE DDL PROBLEM DESCRIPTION: When using RC/Compare for Db2 for z/OS (RCC) to analyze a compare strategy, the analysis may generate CREATE TABLE DDL with garbage characters for the tablespace name if the following conditions are true: 1) Source tablespace is paired with a target tablespace. 2) The tables of the paired tablespaces are not paired. 3) The source table name matches the target table name which exists in the hierarchy of the target tablespace's database. 4) The compare rule for the table's Tablespace is set to 'Y'. SYMPTOMS: The tablespace name in the 'IN' clause of create table DDL will have garbage characters. The CREATE TABLE DDL statement is not generated and the error message RC00013E is issued RC00013E: Internal Error service(ZOMPDCNV) RC=16 ;12 ,56 IMPACT: The execution of the create table DDL will fail. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 18631 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02321-D200 DESC(GARBAGE CHARACTERS FOR TABLESPACE IN CREATE TABLE DDL). ++VER (Z038) FMID (CINSK00) PRE (LU00127 LU00446 LU03657 LU04412 LU05886 LU06508 LU06576 LU07268 S000016 S001396 S004718 S006113 S006638 S007379 S009105 S011691 S011966 S012361 S012933 S013985 S015804 S016053) SUP (LT07743 S011696 ST11696)

Service	Details																			
LU07744	M.C.S. ENTRIES = ++PTF (LU07744) REWORK(2022298) MTC DBM UNABLE TO FIND VALID CERTIFICATION PATH PROBLEM DESCRIPTION: Mainframe Team Center Database Management for Db2 for z/OS (MTC-DBM) fails to start with keyrings containing self signed certificates after applying PTF LU07078. SYMPTOMS: Users get LOGIN.ERRORS.GENERIC_EXCEPTION error when attempting login to MTC DBM UI. IMPACT: N/A. CIRCUMVENTION: Certificates stored in the keyrings are signed by an external trusted signing authority or signing certificate in the keyring is added to the JDK truststore before starting MTC DBM. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: INS 18637 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02322-D200 DESC(MTC DBM UNABLE TO FIND VALID CERTIFICATION PATH) . ++VER (Z038) FMID (CINSK00) PRE (LU00839 LU03703 LU04412 LU07078 LU07558 S001396 S007807 S008825 S010061 S012323 S013484) SUP (AL03417 AL03879 AL03952 AL04399 AL05364 AL07078 LT03417 LT03879 LT03952 LT04399 LT05326 LT05364 LT06297 LT07744 LU03417 LU03879 LU03952 LU04399 LU05364 LU06297 S014168 S014491 S015122 ST11667 ST14168 ST14491 ST15122) ++HOLD (LU07744) SYSTEM FMID(CINSK00) REASON (ACTION) DATE (22298) COMMENT (<table><tr><td colspan="2">Db2 Common Components</td><td>Version 20.0</td></tr></table> <table><tr><td>SEQUENCE</td><td>Before using MTC DBM</td></tr></table> <table><tr><td>PURPOSE</td><td>CHANGE IN CONFIGURATION VARIABLES FOR MTC DBM</td></tr></table> <table><tr><td>USERS</td><td>MTC DBM and DBM Data Service Users</td></tr></table> <table><tr><td>AFFECTED</td><td></td></tr></table> <table><tr><td>KNOWLEDGE</td><td>SYSTEM ADMINISTRATION</td></tr></table> <table><tr><td>REQUIRED</td><td></td></tr></table> <table><tr><td>ACCESS</td><td>POST INSTALL CONFIGURATION OR ACCESS TO CONFIG DATASETS</td></tr></table> <table><tr><td>REQUIRED</td><td></td></tr></table> ***** * STEPS TO PERFORM * *****	Db2 Common Components		Version 20.0	SEQUENCE	Before using MTC DBM	PURPOSE	CHANGE IN CONFIGURATION VARIABLES FOR MTC DBM	USERS	MTC DBM and DBM Data Service Users	AFFECTED		KNOWLEDGE	SYSTEM ADMINISTRATION	REQUIRED		ACCESS	POST INSTALL CONFIGURATION OR ACCESS TO CONFIG DATASETS	REQUIRED	
Db2 Common Components		Version 20.0																		
SEQUENCE	Before using MTC DBM																			
PURPOSE	CHANGE IN CONFIGURATION VARIABLES FOR MTC DBM																			
USERS	MTC DBM and DBM Data Service Users																			
AFFECTED																				
KNOWLEDGE	SYSTEM ADMINISTRATION																			
REQUIRED																				
ACCESS	POST INSTALL CONFIGURATION OR ACCESS TO CONFIG DATASETS																			
REQUIRED																				

Service	Details
	Resubmit the tasks in the DBM Data Service and MTC-DBM UI Customization: a. Select option 2 (Customize) on the Post-Install tailoring menu, and then select MTC (DBM Data Service and MTC-DBM UI). b. Select option 2 (Customize DBM Data Service and MTC-DBM UI). c. Issue RESTART command to reset the tasks. d. Select option 4 (Tasks) to resubmit the tasks.). LINK('..PDT/ui/mtc-dbm.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT (PDTAAMKD,PRE) .

Service	Details
LU07753	LU07753 M.C.S. ENTRIES = ++PTF (LU07753) REWORK(2022298) LONG RESPONSE TIME FOR STATIC SQL TEXT RETRIEVAL PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) Static SQL Text retrieval function will have poor response time if you do not create an index on column STMT_ID in table SYSPACKSTMT. This PTF adds index criteria to the standard search so that the IBM-defined index can be used when the additional index is not available. SYMPTOMS: Very long response time when using the "T" (Retrieve Static SQL Text) option on the various Sysview/DB2 screens. IMPACT: Poor response time and impact to overall DB2 performance. CIRCUMVENTION: Define an index for column STMT_ID of SYSPACKSTMT. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 18466 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02323-D200 DESC(LONG RESPONSE TIME FOR STATIC SQL TEXT RETRIEVAL). ++VER (Z038) FMID (CIDBK00) PRE (LU04411 R096575 S004454 S007806) SUP (LT07753)

Service	Details
LU07779	LU07779 M.C.S. ENTRIES = ++PTF (LU07779) REWORK(2022299) DUPLICATE ENTRIES ARE SHOWN IN VARIOUS PACKAGE REPORTS PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS (RCQ), when SYSPACKDEP contains more than one package entry with different COPYIDs, the following reports display multiple package entries with identical information. * Table Package Inquiry (T-PK) * Tablespace Package Inquiry (TS-PK) * View Package Inquiry (V-PK) * Alias Package Inquiry (A-PK) * Synonym Package Inquiry (S-PK) * Index Package Inquiry (I-PK) SYMPTOMS: The above package reports (*-PK) show similar entries for the same package. IMPACT: The package dependency is not shown correctly. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for Db2 for z/OS Version 20.0 Related Problem: RCQ 18572 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02325-D200 DESC(DUPLICATE ENTRIES ARE SHOWN IN VARIOUS PACKAGE REPORTS). ++VER (Z038) FMID (CRCQK00) PRE (LU02564 LU04430 LU04834 LU05176 LU05797 LU07499 R096593 R099569 S001414 S006128 S006875 S015697) SUP (LT02597 LT07779 LU02597 S010268 ST10268) ++HOLD (LU07779) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (22299) COMMENT (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 * *****

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

Service	Details
LU07797	LU07797 M.C.S. ENTRIES = ++PTF (LU07797) REWORK(2022300) COMPARE STRATEGY IN LOOP IF ALIAS IS PRESENT PROBLEM DESCRIPTION: When using RC/Compare for Db2 for z/OS (RCC) to analyze a compare strategy the analysis may be in a CPU loop when multiple Aliases for the same parent object are going to be created on the target. SYMPTOMS: The analysis is running forever. IMPACT: The users can not successfully analyze the strategy. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 18652 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02326-D200 DESC(COMPARE STRATEGY IN LOOP IF ALIAS IS PRESENT). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04412 LU05886 LU06576 LU07268 S004455 S004718 S007379 S009105 S011691 S011966 S012361 S012933 S015804) SUP (LT06172 LT07797 LU06172 S010763 ST10763)

Service	Details
LU07809	LU07809 M.C.S. ENTRIES = ++PTF (LU07809) REWORK(2022300) ADJUST THE INDB2_TIME CALCULATIONS FOR SQL CALL STATEMENTS PROBLEM DESCRIPTION: Presently Detector estimates the stats for the SQL call statement because the SQL call statement is not tunable. The current estimates over inflates the INDB2_TIME metric vaule. SYMPTOMS: The INDB2_TIME metric value is inflated for the SQL call statements. IMPACT: When performing analysis on the INDB2_TIME metric field the inflated value is misleading. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 18555 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02327-D200 DESC(ADJUST THE INDB2_TIME CALCULATIONS FOR SQL CALL STATEMENTS). ++VER (Z038) FMID (CPDTK00) PRE (LU00402 LU00549 LU01002 LU01542 LU02554 LU02944 LU03461 LU03917 LU04231 LU04416 LU05127 LU05152 LU05823 LU06048 LU06112 LU07488 R096168 R096580 R097707 R098429 R099556 S000263 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S008129 S008323 S008789 S009065 S010018 S010538 S010908 S011694 S011983 S012538 S012921 S013889 S014338) SUP (AL01542 AL02554 AL05152 AS06334 AS08129 AS13450 AS16113 CL01542 LT00240 LT00307 LT00329 LT00684 LT01214 LT01215 LT01393 LT01467 LT01903 LT01933 LT01956 LT02217 LT02220 LT02290 LT02706 LT02796 LT03093 LT03386 LT03406 LT05265 LT05545 LT06154 LT06738 LT06744 LT07809 LU00240 LU00329 LU00684 LU01215 LU01393 LU01467 LU01933 LU02220 LU02290 LU02706 LU02796 LU03093 LU03386 LU03406 LU05265 LU05545 LU06154 LU06744 R099946 S000423 S006838 S007988 S008446 S009828 S010492 S010652 S013450 S013655 S014680 S015843 S015927 S016113 ST00423 ST06838 ST07988 ST08446 ST09828 ST10492 ST10652 ST13450 ST13655 ST14680 ST15843 ST15927 ST16113 TR99946) ++HOLD (LU07809) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22300) COMMENT (Detector for Db2 for z/OS Version 20.0 SEQUENCE Before Apply PURPOSE Avoidance of module mismatch related errors in an Xmanager USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer.

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

Service	Details
LU07855	LU07855 M.C.S. ENTRIES = ++PTF (LU07855) REWORK(2022301) CROSS SYSTEM REQUEST TIMEOUT CONDITIONS NOT HANDLED PROPERLY PROBLEM DESCRIPTION: Db2 Tools request Db2 subsystem services from their local Xmanager. If the Db2 subsystem is on another LPAR, the local Xmanager sends the request to the Xmanager on that LPAR via the coupling facility. If the remote Xmanager does not respond within the number of seconds that Is specified in the local Xmanager's TIMEOUT parameter, the local Xmanager erroneously sends the Db2 Tools process a good return code instead of a "timeout" return code. This incorrect return code causes the process to take the successful code path instead of the failure code path. The maintenance for PTF LU04452 introduced this problem. SYMPTOMS: Various abends such as a SOC4 can occur. Incorrect results can also occur because the failed request was processed as if it was successful. Example of an incorrect result: In the following example, a DISPLAY command has been issued to the Xmanager on LPAR LP10. A Detector collection is executing on LPAR LP20. PXM0107 MODIFY TEXT = DISPLAY PXM0111 XMANAGER DISPLAY WORKLOAD IN PROGRESS PXM0113 DETECTOR IS ACTIVE FOR DB2=SS99 LPAR=LP10 PXM0109 XMANAGER MODIFY PROCESSING COMPLETE Message PXM0113 erroneously indicates that the collection is executing on LPAR LP10. IMPACT: Processes may fail with an abend or produce incorrect results. Active collections from remote LPARs cannot always be viewed. Processes that are not running on the same LPAR as the Db2 subsystem may fail. CIRCUMVENTION: This PTF is a recommended fix. Please apply this PTF as soon as possible. Until this PTF is applied, the problem can be circumvented as follows: - View collections and execute Db2 Tools processes on the LPAR where the Db2 subsystem executes. - Increase the value of the Xmanager TIMEOUT and SERVERS parameters. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Db Mgmt Solutions for Db2 for z/OS Version 20.0 Related Problem: PXM 18655 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved R02334-D200 DESC(CROSS SYSTEM REQUEST TIMEOUT CONDITIONS NOT HANDLED PROPERLY). ++VER (Z038) FMID (CINSK00) PRE (LU01648 LU01978 LU04412 LU04452 LU05717 LU06459 LU06625 LU07523 S004455 S006863 S007552 S013717) SUP (AL07523 LT02242 LT07855 LU02242 ST07332) ++HOLD (LU07855) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22301) COMMENT (+-----+ Db2 Common Components Version 20.0

Service	Details	
	<pre> +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.).</pre>	
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Database Management Solutions for Db2 for z/OS 20.0
CA RS 2211 Product/Component Listing

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

The CA RS 2211 Product/Component Count for this release is 26

CA RS Level	Service	FMID
CAR2211	LU07855	CINSK00
	LU07809	CPDTK00
	LU07797	CINSK00
	LU07779	CRCQK00
	LU07753	CIDBK00
	LU07744	CINSK00
	LU07743	CINSK00
	LU07734	CUGRK00
	LU07723	CPSAK00
	LU07722	CPDTK00
	LU07721	CINSK00
	LU07716	CIDBK00
	LU07714	CPFLK00
	LU07697	CIDBK00
	LU07688	COFSK00
	LU07687	CINSK00
	LU07679	CINSK00
	LU07668	CPLAK00
	LU07662	CINSK00
	LU07657	CPRFK02
	LU07654	CPRRK00
	LU07636	CIDBK00
	LU07635	CRCUK00
	LU07629	CINSK00
	LU07621	CPUTK00
	LU07620	CPRRK00
	LU07619	CPFUK00
	LU07618	CPFLK00
	LU07608	CINSK00
	LU07604	CINSK00
	LU07569	CINSK00
	LU07565	CPDAK00
	LU07564	CINSK00
	LU07563	CUGRK00
	LU07561	CPLAK00
	LU07559	CINSK00
	LU07558	CINSK00
	LU07544	CINSK00
	LU07524	CPDTK00
	LU07523	CINSK00
	LU07515	CPFUK00
	LU07504	CINSK00
	LU07499	CRCQK00
	LU07498	CINSK00
	LU07493	CINSK00
	LU07462	CPUTK00
	LU07461	CPFLK00

CA RS Level	Service	FMID
	LU07460	CINSK00
	LU07407	CINSK00
	LU07406	CIDBK00
	LU07329	CIDBK00
CAR2210	LU07488	CPDTK00
	LU07486	CPDAK00
	LU07484	CPUTK00
	LU07483	CPFLK00
	LU07459	COFSK00
	LU07436	CINSK00
	LU07418	CINSK00
	LU07416	CPDTK00
	LU07415	CPRFK02
	LU07388	CUGRK00
	LU07375	CPLAK00
	LU07373	CUGRK00
	LU07372	CINSK00
	LU07359	CINSK00
	LU07346	CINSK00
	LU07315	CINSK00
	LU07311	CUGRK00
	LU07278	CRCQK00
	LU07272	CRCXK00
	LU07271	CRCUK00
	LU07270	CRCMK00
	LU07269	CPFUK00
	LU07268	CINSK00
	LU07265	CUGRK00
	LU07264	CPFLK00
	LU07262	CIDBK00
	LU07257	COFSK00
	LU07254	CINSK00
	LU07248	CINSK00
	LU07235	CINSK00
	LU07221	CPDAK00
	LU07209	CRCXK00
	LU07208	CRCUK00
	LU07207	CRCCK00
	LU07206	CRCQK00
	LU07205	CRCMK00
	LU07204	CINSK00
	LU07203	CAHOK00
	LU07187	CINSK00
	LU07183	CPLAK00
	LU07181	CIDBK00
	LU07180	CPFUK00
	LU07168	CUGRK00

CA RS Level	Service	FMID
	LU07149	CIDBK00
	LU07146	CIDBK00
	LU07096	COFSK00
	LU07078	CINSK00
	LU07065	CPLAK00
	LU07004	CPDAK00
	LU06826	CPUTK00
CAR2209	S016260	CPRFK02
	S016259	CPRFK01
	S016167	CPRFK02
	S016166	CPRFK01
	S016151	CPRFK02
	S016150	CPRFK01
	S015777	CPRFK02
	S015776	CPRFK01
	S014406	CPRFK02
	S014405	CPRFK01
	S014337	CIDBK00
	S013732	CPRFK02
	S013731	CPRFK01
	LU07110	CIDBK00
	LU07100	CPDTK00
	LU07094	CPRFK02
	LU07093	CPRFK01
	LU07092	CPRFK00
	LU07077	CINSK00
	LU07070	CINSK00
	LU07067	CRCXK00
	LU07047	CIDBK00
	LU07005	CIDBK00
	LU06991	CPRFK02
	LU06990	CPRFK01
	LU06989	CPRFK00
	LU06976	CPUTK00
	LU06975	CPFUK00
	LU06965	CIDBK00
	LU06960	CIDBK00
	LU06936	CINSK00
	LU06928	CPDTK00
	LU06921	CINSK00
	LU06920	CRCUK00
	LU06919	CRCQK00
	LU06918	CPFUK00
	LU06914	COFSK00
	LU06913	CINSK00
	LU06910	CINSK00
	LU06887	CINSK00

CA RS Level	Service	FMID
	LU06866	CIDBK00
	LU06863	CPRAK00
	LU06862	CUGRK00
	LU06858	CUGRK00
	LU06854	CPDAK00
	LU06842	CIDBK00
	LU06839	CPRFK00
	LU06836	CPLAK00
	LU06792	CINSK00
	LU06791	CPUTK00
	LU06790	CPFUK00
	LU06789	CPFLK00
	LU06753	CRCXK00
	LU06752	CRCUK00
	LU06751	CRC SK00
	LU06750	CRCQK00
	LU06747	CRCMK00
	LU06746	CAHOK00
	LU06744	CPDTK00
	LU06709	CPRFK02
	LU06708	CPRFK01
	LU06688	CINSK00
	LU06687	CIDBK00
	LU06649	CTGRK00
	LU06503	CIDBK00
	LU05683	CPRFK02
	LU05682	CPRFK01
	LU05171	CPRFK02
	LU05170	CPRFK01
	LU04424	CPRFK02
	LU04423	CPRFK01
	LU04410	CEU9K00
	LU04379	CPRFK02
	LU04353	CEU9K00
	LU01976	CEU9K00
	LU01323	CPRFK02
	LU01322	CPRFK01
	LU01104	CPRFK02
	LU01103	CPRFK01
	LU00583	CPRFK02
	LU00582	CPRFK01
	LU00252	CPRFK02
	LU00251	CPRFK01
CAR2208	LU06761	CPDAK00
	LU06755	CINSK00
	LU06707	CPRFK00
	LU06699	CPFUK00

CA RS Level	Service	FMID
	LU06694	CPDTK00
	LU06684	CPPAK00
	LU06683	CPSAK00
	LU06680	CINSK00
	LU06662	CPFUK00
	LU06661	CPLAK00
	LU06635	CINSK00
	LU06632	CRCXK00
	LU06631	CPLAK00
	LU06630	COFSK00
	LU06629	CINSK00
	LU06625	CINSK00
	LU06611	CIDBK00
	LU06606	CINSK00
	LU06601	CINSK00
	LU06596	CPDTK00
	LU06591	CPUTK00
	LU06590	CPFLK00
	LU06584	CPDAK00
	LU06577	CRCUK00
	LU06576	CINSK00
	LU06570	CUGRK00
	LU06569	CPRAK00
	LU06568	CINSK00
	LU06553	CIDBK00
	LU06547	CIDBK00
	LU06546	CPLAK00
	LU06541	CINSK00
	LU06526	CUGRK00
	LU06525	CPRAK00
	LU06524	CPLAK00
	LU06515	CUGRK00
	LU06511	CIDBK00
	LU06508	CINSK00
	LU06505	CPDTK00
	LU06460	CPDTK00
	LU06459	CINSK00
	LU06433	CPLAK00
	LU06432	CPRAK00
	LU06430	CINSK00
	LU06423	CUGRK00
	LU06418	CPFUK00
	LU06414	CRCUK00
	LU06413	CRCQK00
	LU06412	CINSK00
	LU06401	CUGRK00
	LU06400	CPRAK00

CA RS Level	Service	FMID
	LU06399	CPLAK00
	LU06398	CINSK00
	LU06397	CPFUK00
	LU06394	CPDAK00
	LU06366	CPUTK00
	LU06365	CPFLK00
	LU06364	CINSK00
	LU06280	CPLAK00
CAR2207	LU06419	CIDBK00
	LU06415	CPDTK00
	LU06407	CINSK00
	LU06379	CIDBK00
	LU06361	CIDBK00
	LU06357	CSQ2100
	LU06348	CINSK00
	LU06321	CINSK00
	LU06311	CTGRK00
	LU06310	CRCUK00
	LU06309	CINSK00
	LU06307	CPDAK00
	LU06305	CPFUK00
	LU06304	CPFLK00
	LU06302	CRCQK00
	LU06301	CPDAK00
	LU06300	CINSK00
	LU06299	CPUTK00
	LU06298	CINSK00
	LU06297	CINSK00
	LU06292	CINSK00
	LU06291	CPDTK00
	LU06289	CPUTK00
	LU06285	CIDBK00
	LU06284	CPFUK00
	LU06278	COFSK00
	LU06265	CIDBK00
	LU06264	CPDTK00
	LU06261	CINSK00
	LU06257	COFSK00
	LU06230	COFSK00
	LU06229	CIDBK00
	LU06218	CIDBK00
	LU06217	CPLAK00
	LU06216	CINSK00
	LU06213	CUGRK00
	LU06206	CPUTK00
	LU06188	CIDBK00
	LU06172	CINSK00

CA RS Level	Service	FMID
	LU06166	CIDBK00
	LU06163	CPFLK00
	LU06161	CIDBK00
	LU06154	CPDTK00
	LU06152	CRCQK00
	LU06148	CINSK00
	LU06141	CPDAK00
	LU06140	CIDBK00
	LU06137	CPSAK00
	LU06136	CRCQK00
	LU06120	CINSK00
	LU06117	CINSK00
	LU06115	CINSK00
	LU06112	CPDTK00
	LU06109	CIDBK00
	LU06076	CPFLK00
	LU06052	CINSK00
	LU06051	CINSK00
	LU05989	CINSK00
	LU05871	CINSK00
CAR2206	LU06107	CINSK00
	LU06100	CIDBK00
	LU06087	CUGRK00
	LU06086	CPUTK00
	LU06085	CPRFK00
	LU06084	CPLAK00
	LU06083	CPFUK00
	LU06082	CPDAK00
	LU06081	CINSK00
	LU06080	CPUTK00
	LU06079	CPRRK00
	LU06078	CPFUK00
	LU06077	CPFLK00
	LU06074	CPSAK00
	LU06073	CINSK00
	LU06050	CPUTK00
	LU06049	CPSAK00
	LU06048	CPDTK00
	LU06047	COFSK00
	LU06046	CINSK00
	LU06045	CIDBK00
	LU06034	CUGRK00
	LU06033	CIDBK00
	LU06000	CUGRK00
	LU05999	CIDBK00
	LU05998	CPDTK00
	LU05997	CINSK00

CA RS Level	Service	FMID
	LU05995	CINSK00
	LU05994	CIDBK00
	LU05993	CINSK00
	LU05987	CRCXK00
	LU05984	CPPAK00
	LU05976	CIDBK00
	LU05973	CPLAK00
	LU05971	CINSK00
	LU05967	CINSK00
	LU05954	CPLAK00
	LU05931	CINSK00
	LU05913	CUGRK00
	LU05900	CUGRK00
	LU05889	CRCXK00
	LU05888	CRCUK00
	LU05887	CPFUK00
	LU05886	CINSK00
	LU05884	CPUTK00
	LU05883	CPFLK00
	LU05881	CPFUK00
	LU05880	CPFLK00
	LU05879	CIDBK00
	LU05876	CINSK00
	LU05875	CPDTK00
	LU05873	CPDTK00
	LU05869	CUGRK00
	LU05868	CPUTK00
	LU05867	CPRRK00
	LU05866	CPFLK00
	LU05865	CINSK00
	LU05857	CUGRK00
	LU05851	CIDBK00
	LU05850	CUGRK00
	LU05836	CRCSK00
	LU05823	CPDTK00
	LU05816	CUGRK00
	LU05806	COFSK00
	LU05798	CINSK00
	LU05797	CRCQK00
	LU05796	CPDTK00
	LU05794	CINSK00
	LU05790	CINSK00
	LU05788	CIDBK00
	LU05775	CINSK00
	LU05767	CIDBK00
	LU05764	CINSK00
	LU05761	CPSAK00

CA RS Level	Service	FMID
	LU05749	CIDBK00
	LU05747	CPFUK00
	LU05739	CINSK00
	LU05734	CPLAK00
	LU05732	CPRAK00
	LU05717	CINSK00
	LU05701	CINSK00
	LU05685	CIDBK00
	LU05635	CRCXK00
	LU05634	CRCUK00
	LU05633	CRCCK00
	LU05632	CRCQK00
	LU05631	CRCMK00
	LU05630	CPFUK00
	LU05629	CINSK00
	LU05628	CAHOK00
	LU05597	CPPAK00
	LU05596	CINSK00
	LU05577	CPLAK00
	LU05562	CPDTK00
	LU05444	CINSK00
CAR2205	LU05695	CUGRK00
	LU05687	CIDBK00
	LU05684	CUGRK00
	LU05681	CPRFK00
	LU05663	CPDAK00
	LU05647	CIDBK00
	LU05606	CIDBK00
	LU05600	CIDBK00
	LU05590	CINSK00
	LU05564	CIDBK00
	LU05555	CRCQK00
	LU05547	CINSK00
	LU05545	CPDTK00
	LU05535	CPUTK00
	LU05534	CPFLK00
	LU05530	CPDTK00
	LU05528	COFSK00
	LU05520	CINSK00
	LU05515	CPSAK00
	LU05511	CINSK00
	LU05505	CRCQK00
	LU05503	CPDTK00
	LU05497	CIDBK00
	LU05496	CPLAK00
	LU05495	CPDAK00
	LU05464	CIDBK00

CA RS Level	Service	FMID
	LU05461	CPSAK00
	LU05457	CPFLK00
	LU05423	CPUTK00
	LU05422	CUGRK00
	LU05408	CRCQK00
	LU05407	CINSK00
	LU05401	CINSK00
	LU05397	CPFUK00
	LU05396	CINSK00
	LU05387	CUGRK00
	LU05382	CINSK00
	LU05377	CAHOK00
	LU05367	CINSK00
	LU05366	CINSK00
	LU05364	CINSK00
	LU05361	CINSK00
	LU05359	CINSK00
	LU05352	CPLAK00
	LU05350	CUGRK00
	LU05349	CPUTK00
	LU05348	CPFLK00
	LU05347	CINSK00
	LU05335	COFSK00
	LU05331	CINSK00
	LU05313	CPPAK00
	LU05312	CINSK00
	LU05305	CPUTK00
	LU05304	CPFUK00
	LU05296	CINSK00
	LU05292	CPUTK00
	LU05271	CIDBK00
	LU05225	CPFLK00
	LU05162	CINSK00
	LU05161	CINSK00
	LU05155	CPLAK00
CAR2204	LU05278	CINSK00
	LU05277	CRCQK00
	LU05276	CINSK00
	LU05265	CPDTK00
	LU05243	CINSK00
	LU05242	CINSK00
	LU05224	CIDBK00
	LU05211	CIDBK00
	LU05210	CUGRK00
	LU05209	CPUTK00
	LU05208	CPRRK00
	LU05207	CPFLK00

CA RS Level	Service	FMID
	LU05206	CINSK00
	LU05177	CRCUK00
	LU05176	CRCQK00
	LU05175	CINSK00
	LU05169	CPRFK00
	LU05156	CINSK00
	LU05152	CPDTK00
	LU05142	CINSK00
	LU05140	CPRAK00
	LU05127	CPDTK00
	LU05118	CRCUK00
	LU05117	CPUTK00
	LU05116	CPPAK00
	LU05115	CPLAK00
	LU05114	CPFUK00
	LU05113	CPDTK00
	LU05112	CPDAK00
	LU05111	CINSK00
	LU05110	CSQ2100
	LU05109	CINSK00
	LU05103	CIDBK00
	LU05102	CPDAK00
	LU05098	CIDBK00
	LU05091	CRC SK00
	LU05090	CRCMK00
	LU05089	CINSK00
	LU05085	CPDAK00
	LU05080	CINSK00
	LU05060	CPDTK00
	LU05059	CINSK00
	LU05058	CIDBK00
	LU05052	CPDTK00
	LU05036	CRCQK00
	LU05035	COFSK00
	LU05032	CIDBK00
	LU05031	CINSK00
	LU05025	CPDTK00
	LU05019	CPLAK00
	LU05006	CIDBK00
	LU04990	CPUTK00
	LU04989	CPDAK00
	LU04988	CINSK00
	LU04982	CPUTK00
	LU04981	CPFUK00
	LU04980	CPFLK00
	LU04966	CUGRK00
	LU04965	CPRRK00

CA RS Level	Service	FMID
	LU04962	CUGRK00
	LU04961	CUGRK00
	LU04960	CINSK00
	LU04953	CRCCK00
	LU04952	CRCQK00
	LU04951	CRCMK00
	LU04950	CINSK00
	LU04949	CAHOK00
	LU04945	CINSK00
	LU04932	CRCUK00
	LU04931	CRCMK00
	LU04930	CINSK00
	LU04919	CIDBK00
	LU04908	CINSK00
	LU04896	CINSK00
	LU04875	CRCMK00
	LU04874	CINSK00
	LU04813	CINSK00
	LU04797	CPPAK00
	LU04103	CUGRK00
	LU04102	CPLAK00
CAR2203	LU04880	CPRAK00
	LU04870	CUGRK00
	LU04869	CPUTK00
	LU04868	CPFUK00
	LU04857	CINSK00
	LU04855	CPXNK00
	LU04842	CPLAK00
	LU04834	CRCQK00
	LU04818	CIDBK00
	LU04803	CIDBK00
	LU04795	CPDTK00
	LU04789	CPFUK00
	LU04788	CPLAK00
	LU04746	CINSK00
	LU04733	CPSAK00
	LU04732	CUGRK00
	LU04675	CPFUK00
	LU04657	CRCQK00
	LU04656	CINSK00
	LU04654	CINSK00
	LU04653	CPSAK00
	LU04637	CPRRK00
	LU04636	CUGRK00
	LU04621	CINSK00
	LU04619	CUGRK00
	LU04618	CPUTK00

CA RS Level	Service	FMID
	LU04616	CPFLK00
	LU04586	CPDTK00
	LU04573	CINSK00
	LU04566	CIDBK00
	LU04562	CPLAK00
	LU04561	CSQ2100
	LU04530	CRCQK00
	LU04529	CINSK00
	LU04498	CIDBK00
	LU04493	CINSK00
	LU04490	CPDTK00
	LU04489	CRCMK00
	LU04488	CINSK00
	LU04486	CPPAK00
	LU04485	CPBAK00
	LU04484	CINSK00
	LU04483	CINSK00
	LU04464	CRCMK00
	LU04463	CINSK00
	LU04459	CINSK00
	LU04458	CINSK00
	LU04452	CINSK00
	LU04444	COFSK00
	LU04370	CUGRK00
	LU04369	CINSK00
CAR2202	LU04462	CSQ2100
	LU04443	CINSK00
	LU04436	CUTSK00
	LU04435	CUGRK00
	LU04434	CTGRK00
	LU04433	CRCXK00
	LU04432	CRCUK00
	LU04431	CRC SK00
	LU04430	CRCQK00
	LU04429	CRCMK00
	LU04428	CPXNK00
	LU04427	CPUTK00
	LU04426	CPSAK00
	LU04425	CPRRK00
	LU04422	CPRFK00
	LU04421	CPRAK00
	LU04420	CPPAK00
	LU04419	CPLAK00
	LU04418	CPFUK00
	LU04417	CPFLK00
	LU04416	CPDTK00
	LU04415	CPDAK00

CA RS Level	Service	FMID
	LU04414	CPBAK00
	LU04413	COFSK00
	LU04412	CINSK00
	LU04411	CIDBK00
	LU04409	CAHOK00
	LU04405	CINSK00
	LU04400	CINSK00
	LU04399	CINSK00
	LU04376	CINSK00
	LU04374	CIDBK00
	LU04371	CIDBK00
	LU04358	CTGRK00
	LU04357	CPSAK00
	LU04356	CPDTK00
	LU04355	CINSK00
	LU04354	CIDBK00
	LU04339	CPDTK00
	LU04287	CIDBK00
	LU04282	CIDBK00
	LU04264	CINSK00
	LU04263	CPDTK00
	LU04262	CINSK00
	LU04244	CRCQK00
	LU04243	CINSK00
	LU04232	CPSAK00
	LU04231	CPDTK00
	LU04230	CINSK00
	LU04229	CIDBK00
	LU04222	CIDBK00
	LU04221	CPDAK00
	LU04220	CINSK00
	LU04217	CIDBK00
	LU04202	COFSK00
	LU04167	CINSK00
	LU04161	CPUTK00
	LU04160	CPFUK00
	LU04159	CPFLK00
	LU04151	CRCXK00
	LU04150	CRCUK00
	LU04149	CINSK00
	LU04146	CINSK00
	LU04136	CINSK00
	LU04123	CPUTK00
	LU04122	CPDAK00
	LU04121	CINSK00
	LU04100	CIDBK00
	LU04097	CIDBK00

CA RS Level	Service	FMID
	LU04085	COFSK00
	LU04084	CINSK00
	LU04082	CINSK00
	LU04006	CINSK00
	LU04004	CPLAK00
	LU03822	CPPAK00
	LU02151	CINSK00
CAR2201	LU04094	CINSK00
	LU04027	CIDBK00
	LU04026	CIDBK00
	LU04015	CPDTK00
	LU03998	CPDTK00
	LU03997	CINSK00
	LU03961	CINSK00
	LU03955	CINSK00
	LU03954	CIDBK00
	LU03953	CINSK00
	LU03952	CINSK00
	LU03935	CRCQK00
	LU03929	CIDBK00
	LU03926	CRCXK00
	LU03925	CPLAK00
	LU03924	COFSK00
	LU03923	CINSK00
	LU03918	CPSAK00
	LU03917	CPDTK00
	LU03907	CINSK00
	LU03879	CINSK00
	LU03878	CINSK00
	LU03869	CINSK00
	LU03859	CUGRK00
	LU03856	CINSK00
	LU03847	CPUTK00
	LU03846	CPFLK00
	LU03838	CINSK00
	LU03827	CPFUK00
	LU03814	CPDAK00
	LU03813	CINSK00
	LU03809	CPDTK00
	LU03808	CINSK00
	LU03789	CINSK00
	LU03788	CINSK00
	LU03762	CPDAK00
	LU03761	CINSK00
	LU03760	CSQ2100
	LU03759	CUGRK00
	LU03749	CPLAK00

CA RS Level	Service	FMID
	LU03742	CPFLK00
	LU03735	CUGRK00
	LU03734	CPUTK00
	LU03733	CPRRK00
	LU03732	CPFUK00
	LU03731	CPLAK00
	LU03712	CINSK00
	LU03710	CPDTK00
	LU03709	CINSK00
	LU03706	CPRAK00
	LU03703	CINSK00
	LU03691	CINSK00
	LU03686	CPUTK00
	LU03685	CPRRK00
	LU03684	CPFLK00
	LU03664	CRCXK00
	LU03663	CRCUK00
	LU03662	CRCQK00
	LU03661	CRCMK00
	LU03660	CPLAK00
	LU03659	COFSK00
	LU03657	CINSK00
	LU03499	CINSK00
CAR2112	LU03680	CPDAK00
	LU03673	CIDBK00
	LU03667	CRCUK00
	LU03666	CINSK00
	LU03629	CINSK00
	LU03601	CPSAK00
	LU03580	CUGRK00
	LU03579	CPUTK00
	LU03578	CPFUK00
	LU03577	CPFLK00
	LU03520	CINSK00
	LU03519	CPUTK00
	LU03500	CPLAK00
	LU03492	CPLAK00
	LU03463	CINSK00
	LU03461	CPDTK00
	LU03455	CIDBK00
	LU03453	CIDBK00
	LU03443	CUGRK00
	LU03437	CRCUK00
	LU03435	CIDBK00
	LU03417	CINSK00
	LU03406	CPDTK00
	LU03401	CPUTK00

CA RS Level	Service	FMID
	LU03400	CPRRK00
	LU03399	CPFLK00
	LU03391	CINSK00
	LU03386	CPDTK00
	LU03384	CPFUK00
	LU03367	CINSK00
	LU03353	CPFUK00
	LU03348	CIDBK00
	LU03344	CUGRK00
	LU03338	CPPAK00
	LU03337	CINSK00
	LU03326	CUGRK00
	LU03324	CUGRK00
	LU03323	CPUTK00
	LU03318	CRCXK00
	LU03317	CRCQK00
	LU03316	CPLAK00
	LU03315	COFSK00
	LU03314	CINSK00
	LU03309	CINSK00
	LU03308	CRCQK00
	LU03291	CINSK00
	LU03286	CIDBK00
	LU03282	CPLAK00
	LU03265	CPFUK00
	LU03252	CIDBK00
	LU02861	CINSK00
CAR2111	LU03261	CPDTK00
	LU03259	CINSK00
	LU03256	CIDBK00
	LU03250	CPLAK00
	LU03235	CUGRK00
	LU03234	CPUTK00
	LU03233	CPRRK00
	LU03232	CPFUK00
	LU03231	CPFLK00
	LU03228	CPLAK00
	LU03221	CINSK00
	LU03220	CRCQK00
	LU03214	CUGRK00
	LU03213	CPUTK00
	LU03212	CPRRK00
	LU03211	CPFUK00
	LU03210	CPFLK00
	LU03209	CINSK00
	LU03195	CIDBK00
	LU03192	CPUTK00

CA RS Level	Service	FMID
	LU03191	CPFLK00
	LU03190	CINSK00
	LU03187	CPUTK00
	LU03186	CUGRK00
	LU03162	CIDBK00
	LU03152	CPDAK00
	LU03146	CIDBK00
	LU03142	CINSK00
	LU03116	CPSAK00
	LU03101	CPBAK00
	LU03093	CPDTK00
	LU03091	CIDBK00
	LU03073	CUGRK00
	LU03035	CPDAK00
	LU03034	CPRRK00
	LU03033	CPUTK00
	LU03032	CPFUK00
	LU03023	CIDBK00
	LU03018	CPDTK00
	LU02985	CIDBK00
	LU02979	CPLAK00
	LU02945	CINSK00
	LU02886	CIDBK00
	LU02816	CPLAK00
	LU02728	CPUTK00
	LU02727	CPFUK00
	LU02726	CINSK00
	LU02712	CUGRK00
CAR2110	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

CA RS Level	Service	FMID
	LU02641	CPFLK00
	LU02634	CIDBK00
	LU02633	COFSK00
	LU02614	CINSK00
	LU02609	CINSK00
	LU02597	CRCQK00
	LU02577	CPBAK00
	LU02516	CIDBK00
	LU02489	CINSK00
	LU02472	CINSK00
	LU02471	CINSK00
	LU02280	COFSK00
	LU02279	CINSK00
CAR2109	LU02564	CRCQK00
	LU02554	CPDTK00
	LU02529	CUGRK00
	LU02524	CPDTK00
	LU02493	CPPAK00
	LU02492	CINSK00
	LU02485	CPFLK00
	LU02470	CPFUK00
	LU02456	CPDAK00
	LU02455	CINSK00
	LU02440	CPFUK00
	LU02439	CIDBK00
	LU02437	COFSK00
	LU02436	CPPAK00
	LU02428	CIDBK00
	LU02420	CINSK00
	LU02387	COFSK00
	LU02385	CUGRK00
	LU02383	CINSK00
	LU02381	CPLAK00
	LU02363	CINSK00
	LU02345	CINSK00
	LU02340	CIDBK00
	LU02335	CPFUK00
	LU02325	CIDBK00
	LU02307	CUGRK00
	LU02303	CIDBK00
	LU02290	CPDTK00
	LU02286	CPDTK00
	LU02271	CPDTK00
	LU02258	CPFLK00
	LU02243	CPFLK00
	LU02242	CINSK00
	LU02231	CPUTK00

CA RS Level	Service	FMID
	LU02230	CPLAK00
	LU02229	CINSK00
	LU02212	CINSK00
	LU02166	CINSK00
	LU02119	CTGRK00
	LU02118	CIDBK00
	LU02116	CINSK00
	LU02095	CPDAK00
CAR2108	LU02220	CPDTK00
	LU02213	CPLAK00
	LU02211	CRCUK00
	LU02197	CINSK00
	LU02164	CINSK00
	LU02143	CUTSK00
	LU02142	CIDBK00
	LU02133	CPSAK00
	LU02132	CPDTK00
	LU02131	CINSK00
	LU02124	CINSK00
	LU02117	CINSK00
	LU02108	CPDTK00
	LU02096	CIDBK00
	LU02093	CIDBK00
	LU02062	CPLAK00
	LU02061	CINSK00
	LU02053	CINSK00
	LU02048	CUGRK00
	LU02033	CIDBK00
	LU02031	CIDBK00
	LU02030	CRCQK00
	LU02029	CINSK00
	LU02008	CPFLK00
	LU02007	CPUTK00
	LU02006	CPFUK00
	LU02005	CINSK00
	LU01999	CINSK00
	LU01998	CUGRK00
	LU01997	CTGRK00
	LU01996	CRCXK00
	LU01995	CRCUK00
	LU01994	CRCCK00
	LU01993	CRCQK00
	LU01992	CPXNK00
	LU01991	CPUTK00
	LU01990	CPSAK00
	LU01989	CPRRK00
	LU01988	CPRFK00

CA RS Level	Service	FMID
	LU01987	CPRAK00
	LU01986	CPPAK00
	LU01985	CPLAK00
	LU01984	CPFUK00
	LU01983	CPFLK00
	LU01982	CPDTK00
	LU01981	CPDAK00
	LU01980	CPBAK00
	LU01979	COFSK00
	LU01978	CINSK00
	LU01977	CIDBK00
	LU01975	CAHOK00
	LU01958	CINSK00
	LU01950	CPLAK00
	LU01949	CINSK00
	LU01944	CRCXK00
	LU01939	CPFUK00
	LU01937	COFSK00
	LU01936	CUGRK00
	LU01934	CINSK00
	LU01933	CPDTK00
	LU01930	CPUTK00
	LU01927	CINSK00
	LU01922	CINSK00
	LU01845	CIDBK00
	LU01832	COFSK00
	LU01784	CINSK00
	LU01290	CINSK00
CAR2107	LU01893	CUGRK00
	LU01892	CPPAK00
	LU01891	CINSK00
	LU01869	CPLAK00
	LU01860	CPDAK00
	LU01841	CPDTK00
	LU01837	CINSK00
	LU01829	CIDBK00
	LU01799	CPDTK00
	LU01760	CINSK00
	LU01757	CINSK00
	LU01750	CIDBK00
	LU01732	CPSAK00
	LU01727	CPFUK00
	LU01720	CPFLK00
	LU01717	CUGRK00
	LU01706	CRCQK00
	LU01705	CINSK00
	LU01696	CINSK00

CA RS Level	Service	FMID
	LU01695	CPRAK00
	LU01694	CINSK00
	LU01683	CINSK00
	LU01673	CINSK00
	LU01666	CIDBK00
	LU01648	CINSK00
	LU01626	CPDAK00
	LU01625	CINSK00
	LU01610	CINSK00
	LU01581	CIDBK00
	LU01575	CINSK00
	LU01556	CIDBK00
	LU01551	CPPAK00
	LU01550	CINSK00
	LU01543	CPSAK00
	LU01542	CPDTK00
	LU01541	CIDBK00
	LU01538	CPLAK00
	LU01534	CUGRK00
	LU01526	CINSK00
	LU01525	CIDBK00
	LU01513	CIDBK00
	LU01508	CINSK00
	LU01405	CINSK00
	LU01362	CINSK00
	LU01357	CINSK00
CAR2106	LU01494	CINSK00
	LU01467	CPDTK00
	LU01432	CSQ2100
	LU01415	CPLAK00
	LU01410	CRCQK00
	LU01396	CPDTK00
	LU01393	CPDTK00
	LU01385	CPLAK00
	LU01384	CINSK00
	LU01380	CPUTK00
	LU01379	CPFLK00
	LU01378	CINSK00
	LU01376	CINSK00
	LU01367	CINSK00
	LU01352	CPUTK00
	LU01351	CPRRK00
	LU01350	CPFUK00
	LU01349	CPFLK00
	LU01338	CPDAK00
	LU01330	CRCQK00
	LU01321	CPRFK00

CA RS Level	Service	FMID
	LU01311	CPFUK00
	LU01293	CIDBK00
	LU01292	CUGRK00
	LU01291	CPUTK00
	LU01286	CINSK00
	LU01275	CINSK00
	LU01265	CINSK00
	LU01222	COFSK00
	LU01215	CPDTK00
	LU01208	CRCQK00
	LU01182	CUGRK00
	LU01181	CPRAK00
	LU01180	CPLAK00
	LU01179	COFSK00
	LU01178	CINSK00
	LU01175	CIDBK00
	LU01166	CIDBK00
	LU01165	CPFUK00
	LU01164	CIDBK00
	LU01151	CINSK00
	LU01135	CUGRK00
	LU01127	CUGRK00
	LU01122	COFSK00
	LU01121	CINSK00
	LU01118	CINSK00
	LU01107	COFSK00
	LU01106	CINSK00
	LU01102	CPRFK00
	LU01089	CPDAK00
	LU01043	CPLAK00
	LU00983	CPFLK00
CAR2105	LU01126	CPDAK00
	LU01100	CIDBK00
	LU01068	CPPAK00
	LU01056	CINSK00
	LU01053	COFSK00
	LU01042	CIDBK00
	LU01041	CIDBK00
	LU01040	CPLAK00
	LU01039	CINSK00
	LU01035	CIDBK00
	LU01030	CIDBK00
	LU01002	CPDTK00
	LU00989	CINSK00
	LU00982	CIDBK00
	LU00973	CUGRK00
	LU00968	CINSK00

CA RS Level	Service	FMID
	LU00964	CIDBK00
	LU00940	CPLAK00
	LU00938	CPDTK00
	LU00937	CINSK00
	LU00925	CINSK00
	LU00923	CPUTK00
	LU00921	CINSK00
	LU00914	CINSK00
	LU00903	CPLAK00
	LU00891	CPDAK00
	LU00890	CINSK00
	LU00887	CPUTK00
	LU00886	CPFUK00
	LU00882	CPLAK00
	LU00881	CIDBK00
	LU00863	CPFUK00
	LU00859	CPSAK00
	LU00858	CPDTK00
	LU00847	CINSK00
	LU00839	CINSK00
	LU00795	CUGRK00
	LU00794	CINSK00
	LU00769	CRCXK00
	LU00768	CPDTK00
	LU00759	CPLAK00
	LU00698	CINSK00
	LU00697	CIDBK00
	LU00678	CINSK00
	LU00592	CINSK00
	LU00581	CPRFK00
CAR2104	LU00728	CUGRK00
	LU00727	CPUTK00
	LU00726	CPRRK00
	LU00725	CPLAK00
	LU00724	CPFLK00
	LU00723	CINSK00
	LU00689	CUGRK00
	LU00684	CPDTK00
	LU00672	CPLAK00
	LU00659	CSQ2100
	LU00646	CPPAK00
	LU00645	CPBAK00
	LU00644	COFSK00
	LU00643	CINSK00
	LU00639	CINSK00
	LU00635	CPDAK00
	LU00613	CINSK00

CA RS Level	Service	FMID
	LU00597	CPLAK00
	LU00576	CPSAK00
	LU00568	CINSK00
	LU00565	CSQ2100
	LU00549	CPDTK00
	LU00545	CIDBK00
	LU00532	CRCQK00
	LU00531	COFSK00
	LU00530	CINSK00
	LU00524	CPDTK00
	LU00523	CINSK00
	LU00511	CRCUK00
	LU00510	CINSK00
	LU00509	CINSK00
	LU00508	CINSK00
	LU00500	CPSAK00
	LU00480	CPLAK00
	LU00475	CPDAK00
	LU00452	CPRRK00
	LU00450	CRCXK00
	LU00449	CRCUK00
	LU00448	CRCMK00
	LU00447	CPFUK00
	LU00446	CINSK00
	LU00440	CPPAK00
	LU00439	CPBAK00
	LU00438	CINSK00
	LU00437	CPUTK00
	LU00436	CPFLK00
	LU00435	CINSK00
	LU00434	CIDBK00
	LU00433	CRCUK00
	LU00432	CINSK00
	LU00427	CIDBK00
	LU00426	CINSK00
	LU00413	CRCQK00
	LU00412	CINSK00
	LU00411	CRCXK00
	LU00402	CPDTK00
	LU00400	CPRFK00
	LU00399	CINSK00
	LU00381	CPDAK00
	LU00368	CINSK00
	LU00359	CINSK00
	LU00342	CRCXK00
	LU00341	CRCUK00
	LU00340	CRC SK00

CA RS Level	Service	FMID
	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
	SO15817	CUGRK00
	SO14357	CIDBK00
	SO13729	CRCQK00
	LU00356	CPLAK00
	LU00329	CPDTK00
	LU00282	CIDBK00
	LU00281	CPFUK00
	LU00257	CPDAK00
	LU00256	CPDAK00
	LU00254	CINSK00
	LU00253	CIDBK00
	LU00250	CPRFK00
	LU00248	CPUTK00
	LU00247	CPFLK00
	LU00246	CIDBK00
	LU00242	CINSK00
	LU00240	CPDTK00
	LU00238	CPLAK00
	LU00237	CINSK00
	LU00227	CINSK00
	LU00217	CPFUK00
	LU00216	CINSK00
	LU00207	CPRFK00
	LU00194	CPUTK00
	LU00178	CPFLK00
	LU00176	CPDTK00

CA RS Level	Service	FMID
	LU00165	CPLAK00
	LU00162	CINSK00
	LU00159	CIDBK00
	LU00152	CUGRK00
	LU00147	CRCQK00
	LU00146	CPDAK00
	LU00145	CINSK00
	LU00141	CUGRK00
	LU00140	CPUTK00
	LU00139	CPRRK00
	LU00138	CPLAK00
	LU00137	CPFUK00
	LU00136	CPFLK00
	LU00135	CINSK00
	LU00134	CIDBK00
	LU00133	CPUTK00
	LU00132	CPLAK00
	LU00131	CINSK00
	LU00127	CINSK00
	LU00124	CPDTK00
	LU00123	CINSK00
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	S016217	CPUTK00
	S016206	CPDAK00
	S016205	CINSK00
	S016200	CIDBK00
	S016195	CPFUK00
	S016194	CINSK00
	S016183	CINSK00
	S016181	CUGRK00
	S016176	CINSK00
	S016175	CPSAK00
	S016174	CPDTK00
	S016173	CINSK00
	S016165	CPRFK00
	S016160	CPRRK00
	S016149	CPRFK00
	S016133	COFSK00
	S016132	CINSK00
	S016116	CIDBK00
	S016113	CPDTK00

CA RS Level	Service	FMID
	S016107	CIDBK00
	S016090	CPUTK00
	S016089	CPFLK00
	S016088	CINSK00
	S016075	CPLAK00
	S016071	CRCQK00
	S016067	CINSK00
	S016057	CIDBK00
	S016053	CINSK00
	S016046	CIDBK00
	S016045	CINSK00
	S015980	CINSK00
	S015952	CIDBK00
	S015864	CINSK00
CAR2101	S016040	CINSK00
	S016032	CINSK00
	S016031	CINSK00
	S016024	CINSK00
	S016001	CINSK00
	S015998	CINSK00
	S015939	CPUTK00
	S015938	CPFLK00
	S015937	CINSK00
	S015935	CPSAK00
	S015931	CIDBK00
	S015927	CPDTK00
	S015913	CIDBK00
	S015908	CINSK00
	S015895	CPLAK00
	S015868	CINSK00
	S015867	CINSK00
	S015863	CINSK00
	S015843	CPDTK00
	S015816	CRCQK00
	S015807	CRCXK00
	S015806	CRCUK00
	S015805	CPFUK00
	S015804	CINSK00
	S015789	CINSK00
	S015775	CPRFK00
	S015774	CPRFK00
	S015770	CINSK00
	S015761	CIDBK00
	S015760	CINSK00
	S015711	CUGRK00
	S015710	CPUTK00
	S015709	CINSK00

CA RS Level	Service	FMID
CAR2012	S015771	CPFLK00
	S015767	CPFUK00
	S015740	CPUTK00
	S015739	CPRRK00
	S015738	CPFLK00
	S015723	CPDTK00
	S015697	CRCQK00
	S015691	CPPAK00
	S015690	CINSK00
	S015652	CPUTK00
	S015650	COFSK00
	S015647	CIDBK00
	S015613	CINSK00
	S015609	CUGRK00
	S015585	CPRRK00
	S015573	CPDTK00
	S015541	CPUTK00
	S015531	CPLAK00
	S015506	CINSK00
	S015499	CPDTK00
	S015487	CUGRK00
	S015486	CPUTK00
	S015485	CPRRK00
	S015484	CPFLK00
	S015483	CPDAK00
	S015482	CINSK00
	S015480	CUTSK00
	S015457	CPUTK00
	S015456	CPLAK00
	S015455	CINSK00
	S015450	CRCQK00
	S015449	CINSK00
	S015444	CINSK00
	S015440	COFSK00
	S015395	CPDTK00
	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

CA RS Level	Service	FMID
	S015236	CPFUK00
	S015235	CPFLK00
	S015225	COFSK00
	S015220	CPLAK00
	S015215	CINSK00
	S015205	CINSK00
	S015199	CPDTK00
	S015191	CRCMK00
	S015184	CSQ2100
	S015174	CPUTK00
	S015132	CINSK00
	S015130	CPDAK00
	S015129	CINSK00
	S015124	CPRRK00
	S015122	CINSK00
	S015094	CPSAK00
	S015086	CPFUK00
	S015075	CINSK00
	S015074	CPUTK00
	S015073	CPDTK00
	S015072	CINSK00
	S015070	CIDBK00
	S015064	CPLAK00
	S015062	COFSK00
	S015061	CINSK00
	S015049	CIDBK00
	S015045	CINSK00
	S015031	CINSK00
	S015015	CPFLK00
	S015004	CINSK00
CAR2010	S014984	CPFUK00
	S014949	CPLAK00
	S014923	CIDBK00
	S014902	CPPAK00
	S014901	CINSK00
	S014899	CINSK00
	S014883	CIDBK00
	S014876	CINSK00
	S014874	CINSK00
	S014866	CPLAK00
	S014865	CINSK00
	S014864	CIDBK00
	S014863	CUGRK00
	S014861	CPSAK00
	S014860	CPDTK00
	S014859	CINSK00
	S014853	CIDBK00

CA RS Level	Service	FMID
	S014843	CIDBK00
	S014842	CPRFK00
	S014836	CPBAK00
	S014835	CINSK00
	S014833	CRCUK00
	S014832	CINSK00
	S014827	CINSK00
	S014782	CPDTK00
	S014773	CPUTK00
	S014772	CPFLK00
	S014771	CINSK00
	S014756	CINSK00
	S014754	CIDBK00
	S014732	CPDAK00
	S014731	CINSK00
	S014721	CINSK00
	S014716	CINSK00
	S014694	CPFLK00
	S014681	CPSAK00
	S014680	CPDTK00
	S014675	CPRFK00
	S014655	COFSK00
	S014642	CIDBK00
CAR2009	S014641	CUGRK00
	S014640	CPRRK00
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	S014623	CINSK00
	S014615	CINSK00
	S014613	CPLAK00
	S014583	CINSK00
	S014570	COFSK00
	S014568	CUGRK00
	S014567	CPUTK00
	S014566	CINSK00
	S014565	CPDAK00
	S014531	CIDBK00
	S014502	CPUTK00
	S014501	CPFUK00
	S014500	CINSK00
	S014491	CINSK00
	S014483	CUGRK00
	S014452	CPLAK00
	S014433	CPFLK00
	S014428	CPUTK00
	S014427	CPFLK00

CA RS Level	Service	FMID
	S014426	CRCQK00
	S014404	CPRFK00
	S014401	CINSK00
	S014400	CPPAK00
	S014397	CPDTK00
	S014383	CPUTK00
	S014382	CPFUK00
	S014381	CINSK00
	S014338	CPDTK00
	S014335	CRCQK00
	S014310	CUTSK00
	S014307	CRCQK00
	S014299	CPDTK00
	S014298	CINSK00
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	S014254	CIDBK00
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	S013888	CINSK00
CAR2008	S014252	CPFLK00
	S014235	CPDTK00
	S014173	CINSK00
	S014168	CINSK00
	S014164	CIDBK00
	S014142	CPLAK00
	S014137	CPLAK00
	S014101	CRCQK00
	S014099	CIDBK00
	S014093	CIDBK00
	S014054	CPUTK00
	S014053	CPFUK00
	S014052	CINSK00
	S014036	CUGRK00
	S014035	CPUTK00
	S014034	CPRRK00
	S014033	CPLAK00
	S014032	CPFUK00

CA RS Level	Service	FMID
	S014031	CPFLK00
	S014030	CPDAK00
	S014029	CINSK00
	S014025	CPFLK00
	S014016	CIDBK00
	S013990	COFSK00
	S013988	CPPAK00
	S013987	CPDTK00
	S013986	CPDAK00
	S013985	CINSK00
	S013982	CSQ2100
	S013974	CINSK00
	S013973	CINSK00
	S013961	CPUTK00
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	S013887	CPDTK00
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	S013825	CIDBK00
	S013814	CINSK00
	S013807	CINSK00
	S013794	CINSK00
	S013781	COFSK00
	S013768	CUGRK00
	S013767	CPUTK00
	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

CA RS Level	Service	FMID
	S013730	CPRFK00
	S013718	CPLAK00
	S013717	CINSK00
	S013686	CUGRK00
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	S013682	CINSK00
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	S013453	CINSK00
	S013450	CPDTK00
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00
	S013340	CINSK00
	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

CA RS Level	Service	FMID
	S013230	CINSK00
	S013229	CINSK00
	S013224	CPLAK00
	S013213	CINSK00
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	S013203	CPFLK00
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00
	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

CA RS Level	Service	FMID
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCSK00
	S012547	CINSK00

CA RS Level	Service	FMID
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00

CA RS Level	Service	FMID
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00

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

CA RS Level	Service	FMID
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	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

CA RS Level	Service	FMID
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00

CA RS Level	Service	FMID
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00

CA RS Level	Service	FMID
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00

CA RS Level	Service	FMID
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCCK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00

CA RS Level	Service	FMID
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00

CA RS Level	Service	FMID
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCSK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00
	S009125	CINSK00
	S009110	CRCXK00
	S009109	CRCUK00
	S009108	CPLAK00
	S009107	CPFUK00
	S009106	COFSK00
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	S009083	CPLAK00

CA RS Level	Service	FMID
	S009068	CIDBK00
	S009065	CPDTK00
	S009055	CIDBK00
	S009054	CIDBK00
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	S008766	CINSK00
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	S008750	CINSK00

CA RS Level	Service	FMID
	S008728	CIDBK00
	S008684	CINSK00
	S008668	CUGRK00
	S008667	CPUTK00
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	S008644	CINSK00
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00

CA RS Level	Service	FMID
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00
	S007856	CINSK00

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00

CA RS Level	Service	FMID
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	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

CA RS Level	Service	FMID
	S004475	CUGRK00
	S004474	CTGRK00
	S004473	CRCXK00
	S004472	CRCUK00
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	S004468	CPSAK00
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00

CA RS Level	Service	FMID
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCCK00
	S001641	CPLAK00
CAR1805	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	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

CA RS Level	Service	FMID
	S000975	CPLAK00
	S000894	CUGRK00
	S000893	CPUTK00
	S000871	CPSAK00
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	S000846	CPRRK00
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	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

CA RS Level	Service	FMID
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRCSK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRCSK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00

CA RS Level	Service	FMID
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	R096579	CPDAK00
	R096578	CPBAK00
	R096577	COFSK00
	R096576	CINSK00
	R096575	CIDBK00
CAR1707	R096495	CSQ2100
	R096401	CUTSK00
CAR1706	R096169	CPSAK00
	R096168	CPDTK00
	R096167	CINSK00
	R096162	CPDAK00
	R096102	CSQ2100
	R096005	CUTSK00
	R096002	CUGRK00
	R095972	CUTSK00
	R095918	CUTSK00