

Service	Description	Type
LU02151	SUPPORT FOR NEW UPMPARM MEMBER IN HLQ.CDBAPXMP	PTF
LU03822	SQLRULE 0072 GETS A MISMATCH ON BIGINT HOST VARIABLE	PTF
LU04004	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU04006	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU04082	INFRASTRUCTURE UPDATES TO THE INTERNAL CONNECTION SERVICE	PTF
LU04084	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
LU04085	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
LU04097	REPORT DSGRPDTL DOESN'T CONTAIN ALL INFORMATION	PTF
LU04100	DBGEXRPT UTILITY UPDATE	PTF
LU04121	PDA - PRODUCT LICENSE PROCESSING	PTF
LU04122	PDA - PRODUCT LICENSE PROCESSING	PTF
LU04123	PDA - PRODUCT LICENSE PROCESSING	PTF
LU04136	RMA490W & RMA889E ISSUED IF PARENT KEY COLUMN REFERS 2ND IX	PTF
LU04146	SOC4 ABEND MAY OCCUR WHEN ADDING A NEW FOREIGN KEY	PTF
LU04149	SUPPORT FOR DDL_MATERIALIZATION ZPARM	PTF
LU04150	SUPPORT FOR DDL_MATERIALIZATION ZPARM	PTF
LU04151	SUPPORT FOR DDL_MATERIALIZATION ZPARM	PTF
LU04159	DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED	PTF
LU04160	DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED	PTF
LU04161	DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED	PTF
LU04167	DDL00207 ISSUED BY SYNTAX CHECKER MISSING THE LITERAL 'NAME'	PTF
LU04202	CREATE INDEX STATEMENT VERBOSE DDL ISSUES	PTF
LU04217	NEW KEYWORDS ADDED TO MIGRATION UTILITY (NSIGMIGA)	PTF
LU04220	INDEX EXTRACT OBJECT CONDITION FAILS WITH SQLCODE -206	PTF
LU04221	INDEX EXTRACT OBJECT CONDITION FAILS WITH SQLCODE -206	PTF
LU04222	ABEND S378-14 PXMTCTCC WHEN ZIIP-USE=YES	PTF
LU04229	TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT	PTF
LU04230	TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT	PTF
LU04231	TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT	PTF
LU04232	TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT	PTF
LU04243	APCOMPARE DEFAULT BIND OPTION IS INCORRECT	PTF
LU04244	APCOMPARE DEFAULT BIND OPTION IS INCORRECT	PTF
LU04262	DETECTOR COLLECTION TERMINATES WITH A DIAGNOSTIC DUMP	PTF
LU04263	DETECTOR COLLECTION TERMINATES WITH A DIAGNOSTIC DUMP	PTF
LU04264	MESSAGE PTT1155E ADDED TO INDICATE MAINT LS < XMAN HIGHEST	PTF
LU04282	BUFFER POOL AND GROUP BUFFER POOL DATA MISSING IN HISTORY	PTF
LU04287	INFRASTRUCTURE FOR EXCEPTION SYSTEM ENHANCEMENT	PTF
LU04339	ABEND 13C FOLLOWING LU03917	** PRP **
LU04354	XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING	PTF
LU04355	XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING	PTF
LU04356	XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING	PTF
LU04357	XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING	PTF
LU04358	XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING	PTF
LU04371	DSNW138I IFCID 362 IS INVALID SPECIFIED ON HIST-STATS-RECS	PTF
LU04374	SUPPORT FOR NEW DB2 12 PHYSICALLY CLOSED DATA SETS FIELDS	PTF
LU04376	RMA811I ISSUED WHEN OFS IS NOT ACTIVE	PTF
LU04399	SECURITY OR INTEGRITY PROBLEM	** PRP **

Service	Description	Type
LU04400	SECURITY OR INTEGRITY PROBLEM	** PRP **
LU04405	QM NOT LISTING ALL TABLESPACES WITH SAME NAME AND CREATOR	PTF
LU04409	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04411	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04412	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04413	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04414	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04415	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04416	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04417	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04418	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04419	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04420	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04421	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04422	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04425	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04426	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04427	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04428	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04429	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04430	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04431	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04432	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04433	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04434	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04435	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04436	PTF TRACKING ELEMENT LEVEL SET	PTF
LU04443	DROP DDL GENERATED FOR FUNCTION IS MISSING THE FUNCTION NAME	PTF
LU04462	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this release is 76		

DB2 Tools
CA RS 2202 Service List for CAHOK00

FMID	Service	Description	Type
CAHOK00	LU04409	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 1			

DB2 Tools
CA RS 2202 Service List for CIDBK00

FMID	Service	Description	Type
CIDBK00	LU04097	REPORT DSGRPDTL DOESN'T CONTAIN ALL INFORMATION	PTF
	LU04100	DBGEXRPT UTILITY UPDATE	PTF
	LU04217	NEW KEYWORDS ADDED TO MIGRATION UTILITY (NSIGMIGA)	PTF
	LU04222	ABEND S378-14 PXMTCTCC WHEN ZIIP-USE=YES	PTF
	LU04229	TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT	PTF
	LU04282	BUFFER POOL AND GROUP BUFFER POOL DATA MISSING IN HISTORY	PTF
	LU04287	INFRASTRUCTURE FOR EXCEPTION SYSTEM ENHANCEMENT	PTF
	LU04354	XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING	PTF
	LU04371	DSNW138I IFCID 362 IS INVALID SPECIFIED ON HIST-STATS-RECS	PTF
	LU04374	SUPPORT FOR NEW DB2 12 PHYSICALLY CLOSED DATA SETS FIELDS	PTF
	LU04411	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 11			

DB2 Tools
CA RS 2202 Service List for CINSK00

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FMID	Service	Description	Type
CINSK00	LU02151	SUPPORT FOR NEW UPMPARM MEMBER IN HLQ.CDBAPXMP	PTF
	LU04006	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	LU04082	INFRASTRUCTURE UPDATES TO THE INTERNAL CONNECTION SERVICE	PTF
	LU04084	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
	LU04121	PDA - PRODUCT LICENSE PROCESSING	PTF
	LU04136	RMA490W & RMA889E ISSUED IF PARENT KEY COLUMN REFERS 2ND IX	PTF
	LU04146	SOC4 ABEND MAY OCCUR WHEN ADDING A NEW FOREIGN KEY	PTF
	LU04149	SUPPORT FOR DDL_MATERIALIZATION ZPARM	PTF
	LU04167	DDL00207 ISSUED BY SYNTAX CHECKER MISSING THE LITERAL 'NAME'	PTF
	LU04220	INDEX EXTRACT OBJECT CONDITION FAILS WITH SQLCODE -206	PTF
	LU04230	TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT	PTF
	LU04243	APCOMPARE DEFAULT BIND OPTION IS INCORRECT	PTF
	LU04262	DETECTOR COLLECTION TERMINATES WITH A DIAGNOSTIC DUMP	PTF
	LU04264	MESSAGE PTT1155E ADDED TO INDICATE MAINT LS < XMAN HIGHEST	PTF
	LU04355	XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING	PTF
	LU04376	RMA811I ISSUED WHEN OFS IS NOT ACTIVE	PTF
	LU04399	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU04400	SECURITY OR INTEGRITY PROBLEM	** PRP **
	LU04405	QM NOT LISTING ALL TABLESPACES WITH SAME NAME AND CREATOR	PTF
	LU04412	PTF TRACKING ELEMENT LEVEL SET	PTF
	LU04443	DROP DDL GENERATED FOR FUNCTION IS MISSING THE FUNCTION NAME	PTF
The CA RS 2202 service count for this FMID is 21			

DB2 Tools
CA RS 2202 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	LU04085	ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES	PTF
	LU04202	CREATE INDEX STATEMENT VERBOSE DDL ISSUES	PTF
	LU04413	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 3			

DB2 Tools
CA RS 2202 Service List for CPBAK00

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FMID	Service	Description	Type
CPBAK00	LU04414	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 1			

DB2 Tools
CA RS 2202 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	LU04122	PDA - PRODUCT LICENSE PROCESSING	PTF
	LU04221	INDEX EXTRACT OBJECT CONDITION FAILS WITH SQLCODE -206	PTF
	LU04415	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 3			

DB2 Tools
CA RS 2202 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	LU04231	TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT	PTF
	LU04263	DETECTOR COLLECTION TERMINATES WITH A DIAGNOSTIC DUMP	PTF
	LU04339	ABEND 13C FOLLOWING LU03917	** PRP **
	LU04356	XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING	PTF
	LU04416	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 5			

DB2 Tools
CA RS 2202 Service List for CPFLK00

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FMID	Service	Description	Type
CPFLK00	LU04159	DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED	PTF
	LU04417	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 2			

DB2 Tools
CA RS 2202 Service List for CPFUK00

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FMID	Service	Description	Type
CPFUK00	LU04160	DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED	PTF
	LU04418	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 2			

DB2 Tools
CA RS 2202 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	LU04004	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	LU04419	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 2			

DB2 Tools
CA RS 2202 Service List for CPPAK00

FMID	Service	Description	Type
CPPAK00	LU03822	SQLRULE 0072 GETS A MISMATCH ON BIGINT HOST VARIABLE	PTF
	LU04420	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 2			

DB2 Tools
CA RS 2202 Service List for CPRAK00

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FMID	Service	Description	Type
CPRAK00	LU04421	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 1			

DB2 Tools
CA RS 2202 Service List for CPRFK00

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FMID	Service	Description	Type
CPRFK00	LU04422	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 1			

DB2 Tools
CA RS 2202 Service List for CPRRK00

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FMID	Service	Description	Type
CPRRK00	LU04425	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 1			

DB2 Tools
CA RS 2202 Service List for CPSAK00

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FMID	Service	Description	Type
CPSAK00	LU04232	TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT	PTF
	LU04357	XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING	PTF
	LU04426	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 3			

DB2 Tools
CA RS 2202 Service List for CPUTK00

FMID	Service	Description	Type
CPUTK00	LU04123	PDA - PRODUCT LICENSE PROCESSING	PTF
	LU04161	DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED	PTF
	LU04427	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 3			

DB2 Tools
CA RS 2202 Service List for CPXNK00

FMID	Service	Description	Type
CPXNK00	LU04428	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 1			

FMID	Service	Description	Type
CRCMK00	LU04429	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 1			

DB2 Tools
CA RS 2202 Service List for CRCQK00

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FMID	Service	Description	Type
CRCQK00	LU04244	APCOMPARE DEFAULT BIND OPTION IS INCORRECT	PTF
	LU04430	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 2			

DB2 Tools
CA RS 2202 Service List for CRC SK00

FMID	Service	Description	Type
CRC SK00	LU04431	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 1			

DB2 Tools
CA RS 2202 Service List for CRCUK00

FMID	Service	Description	Type
CRCUK00	LU04150	SUPPORT FOR DDL_MATERIALIZATION ZPARM	PTF
	LU04432	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 2			

DB2 Tools
CA RS 2202 Service List for CRCXK00

FMID	Service	Description	Type
CRCXK00	LU04151	SUPPORT FOR DDL_MATERIALIZATION ZPARM	PTF
	LU04433	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 2			

DB2 Tools
CA RS 2202 Service List for CSQ2100

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FMID	Service	Description	Type
CSQ2100	LU04462	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 1			

DB2 Tools
CA RS 2202 Service List for CTGRK00

FMID	Service	Description	Type
CTGRK00	LU04358	XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING	PTF
	LU04434	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 2			

DB2 Tools
CA RS 2202 Service List for CUGRK00

FMID	Service	Description	Type
CUGRK00	LU04435	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 1			

DB2 Tools
CA RS 2202 Service List for CUTSK00

FMID	Service	Description	Type
CUTSK00	LU04436	PTF TRACKING ELEMENT LEVEL SET	PTF
The CA RS 2202 service count for this FMID is 1			

Service	Details
LU02151	LU02151 M.C.S. ENTRIES = ++PTF (LU02151) SUPPORT FOR NEW UPMPARM MEMBER IN HLQ.CDBAPXMP ENHANCEMENT DESCRIPTION: This maintenance adds support for a new UPMPARM member in hlq.CDBAPXMP (or your specified Xmanager PXMPARM data set) and two new parameters: IRLMRWT(nnnn DB2) RESTOPOBJ(YES DB2) The new parameters allow you to specify values used by the Utility Process Manager (UPM) that temporarily override the Db2 IRLMRWT (RESOURCE TIMEOUT) and RETRY_STOPPED_OBJECTS subsystem parameters. If "DB2" is specified, UPM will not override the Db2 settings. PRODUCT(S) AFFECTED: DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 14056 Copyright (C) 2022 CA. All rights reserved. R01553-D200-SP1 DESC(SUPPORT FOR NEW UPMPARM MEMBER IN HLQ.CDBAPXMP). ++VER (Z038) FMID (CINSK00) PRE (LU00523 LU01978 R099553 S000016 S004455 S006113 S008755) SUP (LT02151 S011201 ST11201) ++HOLD (LU02151) SYSTEM FMID(CINSK00) REASON (ACTION) DATE (22019) COMMENT (<pre> +-----+ DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+-----+ SEQUENCE After Apply, Before Restarting the Xmanager task +-----+-----+ PURPOSE Create new UPMPARM member to override default UPM values +-----+-----+ USERS Rapid Reorg for Db2 for z/OS (PRR) AFFECTED Fast Load for Db2 for z/OS (PFL) Fast Recover for Db2 for z/OS (PFR) +-----+-----+ KNOWLEDGE 1. DB2 Tools Installation and Maintenance procedures. REQUIRED +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** This maintenance adds support for the new UPMPARM member in hlq.CDBAPXMP (or your specified Xmanager PXMPARM data set), and two new parameters, IRLMRWT(nnnn DB2) and RESTOPOBJ(YES DB2). The new parameters let you specify the values used by the Utility Process Manager (UPM) that temporarily override the Db2 IRLMRWT (RESOURCE TIMEOUT) and RETRY_STOPPED_OBJECTS subsystem parameters. UPM overrides the subsystem parameters to prevent SQL -904 errors when </pre>

Service	Details
	Broadcom Utilities perform critical online processing on objects that are accessed by other applications. After processing is complete, UPM restores the original parameter values. If you do not need to customize the UPM settings, no further action is required. To customize the UPM settings, create the UPMPARM member in hlq.CDBAPXMP (or your specified Xmanager PXMPARM data set), and add the new parameters: IRLMRWT(nnnn DB2) Specifies the number of seconds for the override of the Db2 RESOURCE TIMEOUT parameter, and whether to perform the override. nnnn specifies the number of seconds UPM will use to override the Db2 setting. The range is 1 - 3600. The default value is 900. DB2 specifies that UPM will not override the Db2 setting. RESTOPOBJ(YES DB2) Specifies whether to override the Db2 RETRY STOPPED OBJECTS parameter. YES specifies that UPM will override the Db2 setting. This setting is the default. DB2 specifies that UPM will not override the Db2 setting. IMPORTANT! If you choose to use the Db2 values for these parameters, we recommend that you update your Db2 DSNZPARM module to these settings: The RESTOPOBJ should be set to YES The IRLMRWT value should reflect activity against your objects. The IRLMRWT value may need to be increased if your applications and Broadcom Utilities experience outages either from SQL-904 or utility failures.). ++HOLD (LU02151) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22019) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In 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. CA DB2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. </pre>

Service	Details
	2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.). CSECT(GEZUPMD@). CSECT(GEZUPSE@).

Service	Details										
LU03822	LU03822 M.C.S. ENTRIES = ++PTF (LU03822) SQLRULE 0072 GETS A MISMATCH ON BIGINT HOST VARIABLE PROBLEM DESCRIPTION: In Plan Analyzer for Db2 for z/OS (PPA), the explain SQL design rule 0072 can misfire when processing a predicate where the column and host variable are both defined correctly with the same data type. SYMPTOMS: A customer explained an SQL statement with a basic predicate where the column matched the same BIGINT attribute as the host variable, but triggered the SQL design rule 0072 even though no data type mismatch occurred. Additionally, the rule report is missing the host variable data type in the side by side comparison of the column and host variable attributes. The customer experienced this problem with BIGINT, but it can also occur with other data types, such as BINARY, VARBINARY, DECFLOAT, and ROWID. The following shows the customer SQL statement that was explained, followed by the rule report and recommendation that were issued in error: UPDATE ETBMS01T SET STATUT = :DCLETBMS01T.STATUT , TIM_MODIF = CURRENT TIMESTAMP , DOC_XML_CR = :DCLETBMS01T.DOC-XML-CR :IETBMS01T.IND-DOC-XML-CR WHERE DOCID_CONTRAT = :DCLETBMS01T.DOCID-CONTRAT SQL Design Rule: 0072 ----- Severity Code = 3 The column DOCID_CONTRAT from the table ETBT.ETBMS01T is being compared to the host variable DCLETBMS01T.DOCID-CONTRAT in the following predicate: DOCID_CONTRAT = :DCLETBMS01T.DOCID-CONTRAT The attributes of the column and host variable are: <table> <tr> <th>Column</th><th>Host Variable</th></tr> <tr> <td>-----</td><td>-----</td></tr> <tr> <td>Column : DOCID_CONTRAT</td><td>HVAR : DCLETBMS01T.DOCID</td></tr> <tr> <td>Type : BIGINT</td><td>Type :</td></tr> <tr> <td>Length : 8</td><td>Length : 8</td></tr> </table> RECOMMENDATION: 0115 Consider changing the attributes of the host variable to match the attributes of the column. This will prevent additional overhead that may be incurred by DB2 when doing the data conversion. IMPACT: The SQL design rule 0072 report misfires, resulting in a misleading recommendation. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 15436 Copyright (C) 2022 CA. All rights reserved. R01755-D200-SP1 DESC(SQLRULE 0072 GETS A MISMATCH ON BIGINT HOST VARIABLE). ++VER (Z038) FMID (CPPAK00) PRE (LU00440 LU01068 S004462 S006869 S010000 S010714 S011810 S012068 S012655) SUP (LT03822)	Column	Host Variable	-----	-----	Column : DOCID_CONTRAT	HVAR : DCLETBMS01T.DOCID	Type : BIGINT	Type :	Length : 8	Length : 8
Column	Host Variable										
-----	-----										
Column : DOCID_CONTRAT	HVAR : DCLETBMS01T.DOCID										
Type : BIGINT	Type :										
Length : 8	Length : 8										

Service	Details
	<pre> ++HOLD (LU03822) SYSTEM FMID(CPPAK00) REASON (MSGSKEL) DATE (22010) COMMENT (+-----+ Plan Analyzer for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All Db2 Tools Users +-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND Authority on Db2 subsystems +-----+ ***** * 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
LU04004	LU04004 M.C.S. ENTRIES = ++PTF (LU04004) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a future planned enhancement. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Release 20.0 Related Problem: PLA 14459 Copyright (C) 2022 CA. All rights reserved. R01777-D200-SP1 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00238 LU00759 LU00940 LU01040 LU01950 LU02230 LU02979 LU03228 LU03250 LU03492 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S008802 S009252 S010677 S011113 S011669 S012889 S014137 S014866 S015064) SUP (AS14137 LT04004 S014452 ST14452) ++IF FMID(CINSK00) REQ(LU04006) . ++HOLD (LU04004) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (22007) COMMENT (<pre> +-----+ Log Analyzer for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with </pre>

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

Service	Details
LU04006	LU04006 M.C.S. ENTRIES = ++PTF (LU04006) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a future planned enhancement. PRODUCT(S) AFFECTED: Log Analyzer for Db2 for z/OS Release 20.0 Related Problem: PLA 14459 Copyright (C) 2022 CA. All rights reserved. R01777-D200-SP1 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CINSK00) PRE (LU00131 LU00237 LU00254 LU00723 LU01039 LU01178 LU01405 LU01978 LU02229 LU02726 LU03657 R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004250 S004455 S005011 S006113 S006608 S006863 S007379 S007807 S008869 S009183 S009761 S010004 S010173 S010200 S010676 S011078 S011084 S011684 S012715 S014174 S014381 S014566 S014865 S015311 S015709 S015980) SUP (LT04006 ST12171) ++IF FMID(CPLAK00) REQ(LU04004) .

Service	Details
LU04082	LU04082 M.C.S. ENTRIES = ++PTF (LU04082) INFRASTRUCTURE UPDATES TO THE INTERNAL CONNECTION SERVICE PROBLEM DESCRIPTION: This fix includes infrastructure changes to the Database Management Solutions for Db2 for z/OS internal connection service. These changes are needed for a future planned architectural enhancement. SYMPTOMS: None. IMPACT: None. PRODUCT(S) AFFECTED: Database Management Solutions for Db2 for z/OS Version 20.0 Related Problem: GEN 15429 Copyright (C) 2022 CA. All rights reserved. R01793-D200-SP1 DESC(INFRASTRUCTURE UPDATES TO THE INTERNAL CONNECTION SERVICE). ++VER (Z038) FMID (CINSK00) PRE (LU01978 R099553 S010323 S013711) SUP (LT04082) ++HOLD (LU04082) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (22012) COMMENT (<pre> +-----+ DB2 Common Components Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the Database Management Solutions for Db2 for z/OS on https://techdocs.broadcom.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. IMPORTANT! If SYSVIEW for Db2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with </pre>

Service	Details
	the plans being used by the data collectors.). ++HOLD (LU04082) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22012) COMMENT (+-----+ DB2 Common Components Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 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.). CSECT (PTABDBCC) .

Service	Details
LU04084	LU04084 M.C.S. ENTRIES = ++PTF (LU04084) ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure and architectural updates to support future Db2 upgrades. PRODUCT(S) AFFECTED: Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 15431 Copyright (C) 2022 CA. All rights reserved. R01794-D200-SP1 DESC (ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES) . ++VER (Z038) FMID (CINSK00) PRE (LU01039 LU01106 LU01978 LU02279 LU03314 LU03499 LU03657 LU03923 R099553 S004455 S006863 S007807 S010004 S012933 S013484 S015804) SUP (LT00277 LT04084 LU00277 S009426 S010662 S013574 S015031 ST09426 ST10662 ST13574 ST15031) ++IF FMID(COFSK00) REQ(LU04085) .

Service	Details
LU04085	LU04085 M.C.S. ENTRIES = ++PTF (LU04085) ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure and architectural updates to support future Db2 upgrades. PRODUCT(S) AFFECTED: Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 15431 Copyright (C) 2022 CA. All rights reserved. R01794-D200-SP1 DESC (ARCHITECTURAL UPDATES TO SUPPORT FUTURE DB2 UPGRADES) . ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU01053 LU01107 LU02280 LU02437 LU03315 LU03659 LU03924 R096577 R097705 R099554 S001397 S001666 S004456 S006114 S006864 S007808 S008435 S008663 S008858 S012412 S013990 S015062 S015225 S015440 S016133) SUP (LT01222 LT01273 LT04085 LU01222 S008109 S008427 ST08109 ST08427) ++IF FMID(CINSK00) REQ(LU04084) . CSECT (OFINTRQM,CELQSTRT) .

Service	Details
LU04097	LU04097 M.C.S. ENTRIES = ++PTF (LU04097) REPORT DSGRPDTL DOESN'T CONTAIN ALL INFORMATION PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) data sharing group details report DSGRPDTL (DISPLAY GROUP DETAIL) does not contain information about encryption key and default LOB inline length. SYMPTOMS: "ENCRYPTION KEY LABEL" and "SPT01 INLINE LENGTH" data are missing on DISPLAY GROUP DETAIL (DSGRPDTL) online report. IMPACT: Encryption key and LOB inline length information is not available through online panels. CIRCUMVENTION: Use "-DISPLAY GROUP DETAIL" command to see all data. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 15657 Copyright (C) 2022 CA. All rights reserved. R01796-D200-SP1 DESC(REPORT DSGRPDTL DOESN'T CONTAIN ALL INFORMATION) . ++VER (Z038) FMID (CIDBK00) PRE (LU00697 LU01030 LU01175 LU02033 LU02634 LU02646 LU03091 LU03286 LU03348 R096575 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010739 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014754 S015049 S015070 S015254 S015647 S016270) SUP (LT04097 S014254 ST14254) CSECT(IFCIDSCS) . CSECT(NGRABP6C,NGRABP6) . CSECT(NPLEXDAT,NPLEXSYM,SYMTBLE) .

Service	Details
LU04100	LU04100 M.C.S. ENTRIES = ++PTF (LU04100) DBGEXRPT UTILITY UPDATE ENHANCEMENT DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) batch exception file reporting utility is updated to report on additional fields in the exception definition. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 15720 Copyright (C) 2022 CA. All rights reserved. R01797-D200-SP1 DESC(DBGEXRPT UTILITY UPDATE). ++VER (Z038) FMID (CIDBK00) PRE (S010160) SUP (LT04072 LT04100 S011452 ST11452) ++HOLD (LU04100) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (22004) COMMENT (<pre> +-----+ SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE The COBOL source code in Sysview for Db2 (IDB2) has been migrated to COBOL version 6.2. PRF requires that you perform the following steps: 1. Install COBOL V6.2 runtime support as described in IBM APAR PI84517. +-----+-----+ USERS All who use the DBGEXRPT utility to report the contents AFFECTED of the Exception Definition file. +-----+-----+ KNOWLEDGE 1. SMP/e. REQUIRED 2. z/OS Job Control Language (JCL). 3. z/OS Language Environment. +-----+-----+ ACCESS 1. Product libraries. REQUIRED 2. z/OS Language Environment libraries. +-----+-----+ ***** * STEPS TO PERFORM * ***** Before applying this PTF: 1. Install COBOL V6.2 runtime support, as described in IBM APAR PI84517. For more information, see https://www.ibm.com/support/pages/apar/PI84517 and https://tinyurl.com/qssm37s).</pre>

Service	Details
LU04121	LU04121 M.C.S. ENTRIES = ++PTF (LU04121) PDA - PRODUCT LICENSE PROCESSING ENHANCEMENT DESCRIPTION: We have updated our product license processing. PRODUCT(S) AFFECTED: Database Analyzer for DB2 for z/OS Version 20.0 Related Problem: PDA 15523 Copyright (C) 2022 CA. All rights reserved. R01800-D200-SP1 DESC(PDA - PRODUCT LICENSE PROCESSING) . ++VER (Z038) FMID (CINSK00) PRE (LU00145 LU01625 LU02455 LU03761 R097704 S000016 S003843 S004455 S009761 S013682 S014174 S015129 S016205) SUP (LT04118 LT04121) ++IF FMID(CPDAK00) REQ(LU04122) . ++IF FMID(CPUTK00) REQ(LU04123) . CSECT(RAACATP,WH1KYS,WH2KYS,WL1KYS,WL2KYS) . CSECT(RAAMCTL,PDA2GLD,RSNCDCHK,DO#ESTAX,OWNCHECK,SBLDERR,ATTACH1, TASKMSG,MCTLVERC,MCTLEXTI,MCTLEXTM,SLIPTRAP,TABLE1) .

Service	Details
LU04122	LU04122 M.C.S. ENTRIES = ++PTF (LU04122) PDA - PRODUCT LICENSE PROCESSING ENHANCEMENT DESCRIPTION: We have updated our product license processing. PRODUCT(S) AFFECTED: Database Analyzer for DB2 for z/OS Version 20.0 Related Problem: PDA 15523 Copyright (C) 2022 CA. All rights reserved. R01800-D200-SP1 DESC(PDA - PRODUCT LICENSE PROCESSING) . ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU02456 LU03762 S000017 S004457 S007809 S009652 S011017 S014175) SUP (LT04119 LT04122) ++IF FMID(CPUTK00) REQ(LU04123) . ++IF FMID(CINSK00) REQ(LU04121) . CSECT(RAACVQC,WORKTBLS) . CSECT(RAACVUE,WORKTBLS) . CSECT(RAACVUR,WORKTBLS) . CSECT(RAAQHS1,DIALOG@) . CSECT(RAAQHS2,DIALOG@) . CSECT(RAAQHS3,DIALOG@) . CSECT(RAAUBDU,RATSYM) . CSECT(RAAUBPX,WORKTBLS) . CSECT(RAAUBPY,WORKTBLS) . CSECT(RAAUSUB,RATSYM) .

Service	Details
LU04123	LU04123 M.C.S. ENTRIES = ++PTF (LU04123) PDA - PRODUCT LICENSE PROCESSING ENHANCEMENT DESCRIPTION: We have updated our product license processing. PRODUCT(S) AFFECTED: Database Analyzer for DB2 for z/OS Version 20.0 Related Problem: PDA 15523 Copyright (C) 2022 CA. All rights reserved. R01800-D200-SP1 DESC(PDA - PRODUCT LICENSE PROCESSING) . ++VER (Z038) FMID (CPUTK00) PRE (LU03234 R098969 S000024 S001659 S007172 S007820 S011999 S012153 S012278 S012529 S013153 S014035 S015314) SUP (LT04123) ++IF FMID(CPDAK00) REQ(LU04122) . ++IF FMID(CINSK00) REQ(LU04121) .

Service	Details
LU04136	M.C.S. ENTRIES = ++PTF (LU04136) RMA490W & RMA889E ISSUED IF PARENT KEY COLUMN REFERS 2ND IX PROBLEM DESCRIPTION: When RC/Migrator for Db2 for z/OS (RCM) generates CREATE TABLE DDL for a child table of a referential constraint, a unique key constraint is incorrectly added using the foreign key columns. This only occurs when analyzing a strategy in a V12 DB2 subsystem. SYMPTOMS: The CREATE TABLE DDL for the child table will include a unique key constraint using the foreign key constraint name. The following error messages are issued in the Analysis: RMA490W KEY ON TABLE <TBCreator>.<TBName> AND CONSTRAINT <Constraint Name> HAVE A MATCHING UNIQUE INDEX. RMA889E Relname <FK constraint> -- is a duplicate of another Constraint name (Check, Foreign key or Unique) on table <TBCreator>.<TBName> . IMPACT: The execution of the generated DDL will completely change the table definition. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 15530 Copyright (C) 2022 CA. All rights reserved. R01801-D200-SP1 DESC(RMA490W & RMA889E ISSUED IF PARENT KEY COLUMN REFERS 2ND IX). ++VER (Z038) FMID (CINSK00) PRE (LU03657 S004718 S007379 S011691 S011966 S012361 S012933) SUP (LT04136) ++HOLD (LU04136) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (22012) COMMENT (+-----+ DB2 Common Components Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED Db2 Tools Post Install Customization. +-----+ ACCESS 1. Db2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on Db2 subsystem. +-----+ *****

Service	Details
	* STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the 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
LU04146	LU04146 M.C.S. ENTRIES = ++PTF (LU04146) SOC4 ABEND MAY OCCUR WHEN ADDING A NEW FOREIGN KEY PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), when creating an Alter strategy to add a new foreign key, the user session may abend with a SOC4 and with a reason code 00000010. SYMPTOMS: BXP018I THREAD 261C380000000001, IN PROCESS 67109590, ENDED WITHOUT BEING UNDUBBED WITH COMPLETION CODE 940C4000, AND REASON CODE 00000010. IMPACT: The user may not be able to create the Alter strategy. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 15781 Copyright (C) 2022 CA. All rights reserved. R01803-D200-SP1 DESC(SOC4 ABEND MAY OCCUR WHEN ADDING A NEW FOREIGN KEY) . ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 R097704 S007379 S009105 S011866 S011966 S012361 S012933) SUP (LT04146)

Service	Details												
LU04149	LU04149 M.C.S. ENTRIES = ++PTF (LU04149) SUPPORT FOR DDL_MATERIALIZATION ZPARM ENHANCEMENT DESCRIPTION: RC/Migrator for Db2 for z/OS, RC/Compare for Db2 for z/OS, and RC/Update for Db2 for z/OS will be enhanced to generate appropriate DDL and utility statements according to the DDL_MATERIALIZATION Db2 subsystem parameter. This will apply to ALTER TABLE statements that specify the ALTER COLUMN and SET DATA TYPE keywords to change the data type, length, precision, or scale of a table column. PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 15508 Copyright (C) 2022 CA. All rights reserved. R01804-D200-SP1 DESC(SUPPORT FOR DDL_MATERIALIZATION ZPARM) . ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 LU00530 LU00914 LU01275 LU01927 LU02345 LU03142 LU03314 LU03657 LU03789 LU03856 LU03878 LU03923 R096576 R097704 R099553 S000016 S001396 S001665 S004455 S004718 S004855 S006113 S006286 S006638 S006863 S007323 S007379 S007807 S007955 S008128 S008278 S008291 S008859 S008957 S009105 S009183 S009461 S010549 S010760 S010974 S011691 S011866 S011966 S012147 S012361 S012751 S012904 S012933 S013071 S013154 S013930 S014125 S014615 S014832 S014899 S015804) SUP (AS07379 LT00242 LT00321 LT00426 LT00508 LT00509 LT00698 LT00930 LT00968 LT00989 LT01958 LT01999 LT02166 LT03391 LT04094 LT04146 LT04149 LU00242 LU00426 LU00508 LU00509 LU00698 LU00968 LU00989 LU01958 LU01999 LU02166 LU03391 LU04094 LU04146 R099748 S007774 S008051 S008198 S008414 S009126 S009790 S010046 S010243 S010331 S010437 S010631 S010815 S010827 S010978 S011737 S012031 S012042 S012249 S012524 S013149 S013539 S013794 S015506 ST07774 ST08051 ST08198 ST08395 ST08414 ST08916 ST09126 ST09530 ST09790 ST10046 ST10243 ST10331 ST10437 ST10631 ST10815 ST10827 ST10978 ST11648 ST11737 ST12031 ST12042 ST12249 ST12524 ST13149 ST13539 ST13794 ST15506 TR99748) ++IF FMID(CRCUK00) REQ(LU04150) . ++IF FMID(CRCXK00) REQ(LU04151) . ++HOLD (LU04149) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22020) COMMENT (<table> <tr> <td>+</td><td>-----+</td></tr> <tr> <td> </td><td>DB2 Common Components Version 20.0 </td></tr> <tr> <td>+</td><td>-----+</td></tr> </table>	RC/Migrator for DB2 for z/OS	Version 20.0	RC/Compare for DB2 for z/OS	Version 20.0	RC/Update for DB2 for z/OS	Version 20.0	+	-----+		DB2 Common Components Version 20.0	+	-----+
RC/Migrator for DB2 for z/OS	Version 20.0												
RC/Compare for DB2 for z/OS	Version 20.0												
RC/Update for DB2 for z/OS	Version 20.0												
+	-----+												
	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>

Service	Details						
LU04150	LU04150 M.C.S. ENTRIES = ++PTF (LU04150) SUPPORT FOR DDL_MATERIALIZATION ZPARM ENHANCEMENT DESCRIPTION: RC/Migrator for Db2 for z/OS, RC/Compare for Db2 for z/OS, and RC/Update for Db2 for z/OS will be enhanced to generate appropriate DDL and utility statements according to the DDL_MATERIALIZATION Db2 subsystem parameter. This will apply to ALTER TABLE statements that specify the ALTER COLUMN and SET DATA TYPE keywords to change the data type, length, precision, or scale of a table column. PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 15508 Copyright (C) 2022 CA. All rights reserved. R01804-D200-SP1 DESC(SUPPORT FOR DDL_MATERIALIZATION ZPARM) . ++VER (Z038) FMID (CRCUK00) PRE (LU00449 LU03663 R099571 S000026 S001415 S004472 S004720 S007383 S007824 S009109 S010975 S011867 S011970 S012365 S012936 S014833 S015806) SUP (LT04150 ST12477) ++IF FMID(CRCXK00) REQ(LU04151) . ++IF FMID(CINSK00) REQ(LU04149) . CSECT(ROAJALT,ROXJALT,JALTROA) . CSECT(RUA\$ANAL,ANAL@END) . CSECT(RUAMAIN,#@XFCALN) .	RC/Migrator for DB2 for z/OS	Version 20.0	RC/Compare for DB2 for z/OS	Version 20.0	RC/Update for DB2 for z/OS	Version 20.0
RC/Migrator for DB2 for z/OS	Version 20.0						
RC/Compare for DB2 for z/OS	Version 20.0						
RC/Update for DB2 for z/OS	Version 20.0						

Service	Details						
LU04151	LU04151 M.C.S. ENTRIES = ++PTF (LU04151) SUPPORT FOR DDL_MATERIALIZATION ZPARM ENHANCEMENT DESCRIPTION: RC/Migrator for Db2 for z/OS, RC/Compare for Db2 for z/OS, and RC/Update for Db2 for z/OS will be enhanced to generate appropriate DDL and utility statements according to the DDL_MATERIALIZATION Db2 subsystem parameter. This will apply to ALTER TABLE statements that specify the ALTER COLUMN and SET DATA TYPE keywords to change the data type, length, precision, or scale of a table column. PRODUCT(S) AFFECTED: <table> <tr> <td>RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 15508 Copyright (C) 2022 CA. All rights reserved. R01804-D200-SP1 DESC(SUPPORT FOR DDL_MATERIALIZATION ZPARM) . ++VER (Z038) FMID (CRCXK00) PRE (LU00450 LU03664 R099572 S000027 S001416 S007384 S009110 S011079 S011868 S011971 S012366 S012937 S015807) SUP (LT04151) ++IF FMID(CRCUK00) REQ(LU04150) . ++IF FMID(CINSK00) REQ(LU04149) . CSECT(RXA\$XPT0,#@XFCLN) .	RC/Migrator for DB2 for z/OS	Version 20.0	RC/Compare for DB2 for z/OS	Version 20.0	RC/Update for DB2 for z/OS	Version 20.0
RC/Migrator for DB2 for z/OS	Version 20.0						
RC/Compare for DB2 for z/OS	Version 20.0						
RC/Update for DB2 for z/OS	Version 20.0						

Service	Details
LU04159	LU04159 M.C.S. ENTRIES = ++PTF (LU04159) DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED PROBLEM DESCRIPTION: Fast Load for Db2 for z/OS (PFL) fails with "DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED" message when there are a large number of partitions (for example, around 4000). SYMPTOMS: - "DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED" message. - "PUT0030E - IFI Failed on Return Code - 0008 Reason Code - 00E60820" message. IMPACT: Processing fails. CIRCUMVENTION: Stop the object manually and start it after the load finishes when OUTPUT-CONTROL BUILD or LOAD REPLACE is specified. PRODUCT(S) AFFECTED: Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 15682 Copyright (C) 2022 CA. All rights reserved. R01806-D200-SP1 DESC(DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED). ++VER (Z038) FMID (CPFLK00) PRE (LU00136 LU00178 LU00436 LU00724 LU01379 LU01720 LU03191 LU03684 R097708 S000018 S000704 S001401 S001656 S005012 S009977 S011235 S011325 S011601 S011846 S011946 S011996 S012150 S012275 S012526 S013066 S013175 S013203 S014031 S014772 S015015 S015484 S015738 S015938 S016089) SUP (AS14772 LT02258 LT02485 LT04159 LU02258 LU02485 S015771 ST15771) ++IF FMID(CPFUK00) REQ(LU04160) . ++IF FMID(CPUTK00) REQ(LU04161) . CSECT(FLA\$LOB2,#@XFCALR) .

Service	Details
LU04160	LU04160 M.C.S. ENTRIES = ++PTF (LU04160) DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED PROBLEM DESCRIPTION: Fast Load for Db2 for z/OS (PFL) fails with "DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED" message when there are a large number of partitions (for example, around 4000). SYMPTOMS: - "DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED" message. - "PUT0030E - IFI Failed on Return Code - 0008 Reason Code - 00E60820" message. IMPACT: Processing fails. CIRCUMVENTION: Stop the object manually and start it after the load finishes when OUTPUT-CONTROL BUILD or LOAD REPLACE is specified. PRODUCT(S) AFFECTED: Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 15682 Copyright (C) 2022 CA. All rights reserved. R01806-D200-SP1 DESC(DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED). ++VER (Z038) FMID (CPFUK00) PRE (LU02727) SUP (LT04160) ++IF FMID(CPUTK00) REQ(LU04161) . ++IF FMID(CPFLK00) REQ(LU04159) .

Service	Details
LU04161	LU04161 M.C.S. ENTRIES = ++PTF (LU04161) DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED PROBLEM DESCRIPTION: Fast Load for Db2 for z/OS (PFL) fails with "DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED" message when there are a large number of partitions (for example, around 4000). SYMPTOMS: - "DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED" message. - "PUT0030E - IFI Failed on Return Code - 0008 Reason Code - 00E60820" message. IMPACT: Processing fails. CIRCUMVENTION: Stop the object manually and start it after the load finishes when OUTPUT-CONTROL BUILD or LOAD REPLACE is specified. PRODUCT(S) AFFECTED: Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 15682 Copyright (C) 2022 CA. All rights reserved. R01806-D200-SP1 DESC(DSNT306I RESPONSE MESSAGE LIMIT HAS BEEN REACHED). ++VER (Z038) FMID (CPUTK00) PRE (LU00248 LU02007 LU02728 R097717 S000024 S007820 S008072 S008429 S008586 S011521 S011947 S011999 S012153 S013767 S013961 S014502 S015740) SUP (BS07820 LT01868 LT01910 LT01930 LT02690 LT04161 LU01930 ST11918) ++IF FMID(CPFUK00) REQ(LU04160) . ++IF FMID(CPFLK00) REQ(LU04159) .

Service	Details
LU04167	LU04167 M.C.S. ENTRIES = ++PTF (LU04167) DDL00207 ISSUED BY SYNTAX CHECKER MISSING THE LITERAL 'NAME' PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), the message DDL00207 issued by the Syntax Checker is missing the expected 'name' literal. SYMPTOMS: When syntax checking CREATE TABLE DDL with OBJVER(Y), if the table already exists, the following message is issued: DDL00207: Table cannot be created because a Table with this already exists. IMPACT: The message is not complete. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 15817 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DDL00207 ISSUED BY SYNTAX CHECKER MISSING THE LITERAL 'NAME'). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 S001396 S007379 S009105 S011966 S012361 S012933 S014125 S014832 S015804) SUP (LT04167 S014623 ST14623)

Service	Details				
LU04202	LU04202 M.C.S. ENTRIES = ++PTF (LU04202) CREATE INDEX STATEMENT VERBOSE DDL ISSUES PROBLEM DESCRIPTION: In RC/Query for Db2 for z/OS(RCQ), incorrect DDL is generated when GENERATE_COMMON_PARTITION_SPECIFICATIONS_AT_GLOBAL_LEVEL is set 'Y' in the OFS parmlib member when: * HDDL on index-controlled partitioning, that is migrated from V11 to V12, does not move all the common clauses of the partitions to global level * HDDL on index does not move the stogroup name suffixed with spaces to global level. SYMPTOMS: Clauses and stogroup name are still generated at all partition levels. IMPACT: Incorrect DDL generated. CIRCUMVENTION: None. PRODUCTS EFFECTED: <table> <tr> <td>RC/Query for Db2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>RC/Migrator for Db2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: OFS 15751 Copyright (C) 2022 CA. All rights reserved. R01809-D200-SP1 DESC(CREATE INDEX STATEMENT VERBOSE DDL ISSUES). ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU03315 LU03659 R096577 R097705 R099554 S001397 S006114 S008435 S009106 S015225 S015440) SUP (LT01937 LT02387 LT04202 LU01937 LU02387)	RC/Query for Db2 for z/OS	Version 20.0	RC/Migrator for Db2 for z/OS	Version 20.0
RC/Query for Db2 for z/OS	Version 20.0				
RC/Migrator for Db2 for z/OS	Version 20.0				

Service	Details
LU04217	LU04217 M.C.S. ENTRIES = ++PTF (LU04217) NEW KEYWORDS ADDED TO MIGRATION UTILITY (NSIGMIGA) ENHANCEMENT DESCRIPTION: The SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) Archive Table Migration Utility (NSIGMIGA) now supports a new keyword NEWREC and a new TYPE_INS keyword UPDATE that can be used to update the IFCID record name in an archive IQL. Example syntax: TABLETYPE: SUBSYS_DDF_DETAIL IQL: * TYPE_INS: UPDATE OLDREC: STATS1 NEWREC: REC-LOCATION Also, the archive IQLs for SUBSYS_DDF_DETAIL and SUBSYS_DDF_DAILY archive tables have been updated to use IFCID 365 (RECORD-LOCATION) instead of IFCID 1 (STATS1). PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 14283 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(NEW KEYWORDS ADDED TO MIGRATION UTILITY (NSIGMIGA)). ++VER (Z038) FMID (CIDBK00) PRE (LU01030 LU03348 R096575 R099552 S004454 S006112 S006862 S007806 S008846 S011616 S011780 S011977 S014093) SUP (LT04217) ++HOLD (LU04217) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (22021) COMMENT (<pre> +-----+ SYSVIEW Performance Management Option for Db2 for z/OS +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Archive IQLs of SUBSYS_DDF_DETAIL and SUBSYS_DDF_DAILY tables are updated to use IFCID 365 instead of IFCID 1. +-----+-----+ USERS All users of the Archive component AFFECTED +-----+-----+ KNOWLEDGE Db2 Tools Post Install REQUIRED +-----+-----+ ACCESS Post Install customization libraries REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** The customer should plan to upgrade to the new archive tables. </pre>

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

Service	Details
LU04220	LU04220 M.C.S. ENTRIES = ++PTF (LU04220) The following items are included in this solution: 1. INDEX EXTRACT OBJECT CONDITION FAILS WITH SQLCODE -206 2. ISPF ABEND IN PDA WHILE TYING ACTION PROCEDURE 3. COLUMN STATISTICS COLLECTION ABENDS SOC1/SOC4 IN RAASBLD ===== INDEX EXTRACT OBJECT CONDITION FAILS WITH SQLCODE -206 PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) Action based Extract Procedure with an Object Selection Profile (OSP) fails to select indexes for processing. SQL ERROR -206 is issued when the "(IX) Image copy not run for nn days" or "(IX) Image copy has never run" conditions are used. SYMPTOMS: The Execution Procedure completes with RC=04 (the default) or with the value specified for the CONDITION_SQL_ERROR parameter in the hlq.CDBAPARM(PDA) parmlib member. The following SQL error messages are issued during the Extract execution: <pre>(0088) (IX) Image copy not run for nn days >= 7 DSNT408I SQLCODE = -206, ERROR: ISS.DBID IS NOT VALID IN THE CONTEXT WHERE IT IS USED DSNT418I SQLSTATE = 42703 SQLSTATE RETURN CODE (0089) (IX) Image copy has never run ; DSNT408I SQLCODE = -206, ERROR: ISS.DBID IS NOT VALID IN THE CONTEXT WHERE IT IS USED DSNT418I SQLSTATE = 42703 SQLSTATE RETURN CODE</pre> IMPACT: Indexes matching the above Extraction Object Conditions (EOCs) are not processed. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Database Analyzer For Db2 for z/OS Version 20.0 Keyword(s): <pre>-206 OPS INDEX EOC IMAGE COPY Related Problem: PDA 12962 =====</pre> ISPF ABEND IN PDA WHILE TYING ACTION PROCEDURE PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) Extract Procedure abends with S913. The problem occurs when the user has no access to the model library and tries to tie or explode an Action Procedure. SYMPTOMS: ISPF terminates with abend S913 with the following message: <pre>TSS7220E 101 J=PMFKEY A=PMFKEY VOL=TSU055 ACC=READ TSS7221E Dataset Not Accessible - MODEL.LIBRARY.DATASET IRX0250E System abend code 913, reason code 00000056. IRX0255E Abend in host command ISPEXEC or address environment routine TS0.</pre> <pre>* * * * * * * * * * * * ISPF processor ended abnormally * * *</pre>

Service	Details
	<pre> * * * * System abend code 913 * * * * Reason code 38 * * * * * * * * * * Note: The ABEND and REASON codes displayed above are * * * * HEXADECIMAL values for "SYSTEM" abends and DECIMAL * * * * values for "USER" abends. * * * * * * Enter HELP command for list of common ABEND codes. * * * * Press ENTER key for additional DIAGNOSTIC information. * * * * Enter END command to display primary option menu. * * * * * * * * * * * * * * System abend code = 913 Reason code = 38 IMPACT: The session to PDA/Broadcom Db2 tools is lost and needs to be restarted. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 13547 ===== COLUMN STATISTICS COLLECTION ABENDS SOC1/SOC4 IN RAASBLD PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) Extract Procedure that uses the Column Statistics extract option may abend with SOC1 and SOC4. The problem occurs when a large number of columns are being processed and the Collection Type is set to (R)egular or (F)ast. SYMPTOMS: SOC4 abend occurs in program RAASBLD at offset 000035F6 followed by abend SOC1 at offset OFFSET=0000307E: RAASBLD ESTAE IS PROCESSING AN ABEND. RECOVERY IS BEING ATTEMPTED. RAASBLD 12/02/21 11.36.."}R1500 P1273Q.R1500 P1273 RAASBLD ABEND 84 SOC4 U000 PROCESSING IX RTP .PDT_DYNAMREQ_180 . RAASBLD PSW = 078D0000 BB18A5F6 ILC = 6 IC = 00 RAASBLD ADDR = 3B187000 OFFSET = 000035F6 RAASBLD 0- 3 014DB3EC 001B1000 3D2C59B0 3D2C61A0 RAASBLD 4- 7 3D2FB020 3D3098B4 004DC2A2 014DB3EC RAASBLD 8-11 00000003 00014010 0008E2E0 3B18A452 RAASBLD 12-15 BB187000 0008E2E0 BB18A5BE 000007DA RAASBLD RECOVERY COMPLETED. OBJECT ABOVE WAS BYPASSED (SOME STATS INCOMPLETE) IMPACT: The PDA Extract Procedure execution fails. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 15782 </pre>

Service	Details
	(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(INDEX EXTRACT OBJECT CONDITION FAILS WITH SQLCODE -206) . ++VER (Z038) FMID (CINSK00) PRE (LU00145 LU02455 LU03761 R097704 S000016 S010041 S011234 S014174) SUP (LT04220) ++IF FMID(CPDAK00) REQ(LU04221) . CSECT(RAASBLD,SBLDESTA,HKEYS,LKEYS,DERIVEDF) .

Service	Details
LU04221	LU04221 M.C.S. ENTRIES = ++PTF (LU04221) The following items are included in this solution: 1. INDEX EXTRACT OBJECT CONDITION FAILS WITH SQLCODE -206 2. ISPF ABEND IN PDA WHILE TYING ACTION PROCEDURE 3. COLUMN STATISTICS COLLECTION ABENDS SOC1/SOC4 IN RAASBLD ===== INDEX EXTRACT OBJECT CONDITION FAILS WITH SQLCODE -206 PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) Action based Extract Procedure with an Object Selection Profile (OSP) fails to select indexes for processing. SQL ERROR -206 is issued when the "(IX) Image copy not run for nn days" or "(IX) Image copy has never run" conditions are used. SYMPTOMS: The Execution Procedure completes with RC=04 (the default) or with the value specified for the CONDITION_SQL_ERROR parameter in the hlq.CDBAPARM(PDA) parmlib member. The following SQL error messages are issued during the Extract execution: <pre>(0088) (IX) Image copy not run for nn days >= 7 DSNT408I SQLCODE = -206, ERROR: ISS.DBID IS NOT VALID IN THE CONTEXT WHERE IT IS USED DSNT418I SQLSTATE = 42703 SQLSTATE RETURN CODE (0089) (IX) Image copy has never run ; DSNT408I SQLCODE = -206, ERROR: ISS.DBID IS NOT VALID IN THE CONTEXT WHERE IT IS USED DSNT418I SQLSTATE = 42703 SQLSTATE RETURN CODE</pre> IMPACT: Indexes matching the above Extraction Object Conditions (EOCs) are not processed. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Database Analyzer For Db2 for z/OS Version 20.0 Keyword(s): <pre>-206 OPS INDEX EOC IMAGE COPY Related Problem: PDA 12962 =====</pre> ISPF ABEND IN PDA WHILE TYING ACTION PROCEDURE PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) Extract Procedure abends with S913. The problem occurs when the user has no access to the model library and tries to tie or explode an Action Procedure. SYMPTOMS: ISPF terminates with abend S913 with the following message: <pre>TSS7220E 101 J=PMFKEY A=PMFKEY VOL=TSU055 ACC=READ TSS7221E Dataset Not Accessible - MODEL.LIBRARY.DATASET IRX0250E System abend code 913, reason code 00000056. IRX0255E Abend in host command ISPEXEC or address environment routine TS0.</pre> <pre>* * * * * * * * * * * * ISPF processor ended abnormally * * *</pre>

Service	Details
	<pre> * * * * System abend code 913 * * Reason code 38 * * * * * * * * * * Note: The ABEND and REASON codes displayed above are * * HEXADECIMAL values for "SYSTEM" abends and DECIMAL * * values for "USER" abends. * * * * Enter HELP command for list of common ABEND codes. * * Press ENTER key for additional DIAGNOSTIC information. * * Enter END command to display primary option menu. * * * * * * * * * * * * * * System abend code = 913 Reason code = 38 IMPACT: The session to PDA/Broadcom Db2 tools is lost and needs to be restarted. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 13547 ===== COLUMN STATISTICS COLLECTION ABENDS SOC1/SOC4 IN RAASBLD PROBLEM DESCRIPTION: Database Analyzer for Db2 for z/OS (PDA) Extract Procedure that uses the Column Statistics extract option may abend with SOC1 and SOC4. The problem occurs when a large number of columns are being processed and the Collection Type is set to (R)egular or (F)ast. SYMPTOMS: SOC4 abend occurs in program RAASBLD at offset 000035F6 followed by abend SOC1 at offset OFFSET=0000307E: RAASBLD ESTAE IS PROCESSING AN ABEND. RECOVERY IS BEING ATTEMPTED. RAASBLD 12/02/21 11.36.."}R1500 P1273Q.R1500 P1273 RAASBLD ABEND 84 SOC4 U000 PROCESSING IX RTP .PDT_DYNAMREQ_180 . RAASBLD PSW = 078D0000 BB18A5F6 ILC = 6 IC = 00 RAASBLD ADDR = 3B187000 OFFSET = 000035F6 RAASBLD 0- 3 014DB3EC 001B1000 3D2C59B0 3D2C61A0 RAASBLD 4- 7 3D2FB020 3D3098B4 004DC2A2 014DB3EC RAASBLD 8-11 00000003 00014010 0008E2E0 3B18A452 RAASBLD 12-15 BB187000 0008E2E0 BB18A5BE 000007DA RAASBLD RECOVERY COMPLETED. OBJECT ABOVE WAS BYPASSED (SOME STATS INCOMPLETE) IMPACT: The PDA Extract Procedure execution fails. CIRCUMVENTION: None PRODUCT(S) AFFECTED: Database Analyzer for Db2 for z/OS Version 20.0 Related Problem: PDA 15782 </pre>

Service	Details
	(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(INDEX EXTRACT OBJECT CONDITION FAILS WITH SQLCODE -206) . ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00635 LU02456 S009652 S010042) SUP (LT04221) ++IF FMID(CINSK00) REQ(LU04220) . CSECT(RAAMODG,RATSYM) . CSECT(RAAUBPM,RATSYM) .

Service	Details
LU04222	LU04222 M.C.S. ENTRIES = ++PTF (LU04222) ABEND S378-14 PXMTCTCC WHEN ZIIP-USE=YES PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) data collector may fail with an ABEND S378-14 when the ZIIP option (ZIIP-USE=YES) is used. This problem occurs following the application of Common Services PTF LU01978 (Level Set Processing). SYMPTOMS: CCSR010E NMSPRMVC S378 at 3D0F134C LMOD PXMTCTCC CSECT PXMTCTCC +00034C CCSR021I OWNER = CA Database Management R20.0 CCSR022I MODULE = PXMTCTCC FMID = CINSK00 RMID = LU01978 CCSR061I PSW: 07041000 80000000 00000000 011DDEE6 CCSR062I ILC: 02 INTERRUPT CODE: 0D CCSR067I COMPLETION CODE S378 REASON CODE 00000014 CCSR064I DATA AT PSW 011DDEE0 : 00181610 0A0D98DC D0088910 IMPACT: The data collector terminates and must be restarted. CIRCUMVENTION: Use ZIIP-USE=NO PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 15827 Copyright (C) 2022 CA. All rights reserved. R01813-D200-SP1 DESC (ABEND S378-14 PXMTCTCC WHEN ZIIP-USE=YES). ++VER (Z038) FMID (CIDBK00) PRE (R096575 S006862) SUP (LT04222) CSECT (NMZIIPC,NMZIIP).

Service	Details
LU04229	LU04229 M.C.S. ENTRIES = ++PTF (LU04229) TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14556 Copyright (C) 2022 CA. All rights reserved. R01815-D200-SP1 DESC(TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT). ++VER (Z038) FMID (CIDBK00) PRE (LU02118 S001395 S015070) SUP (LT04011 LT04021 LT04028 LT04032 LT04036 LT04040 LT04045 LT04049 LT04054 LT04061 LT04207 LT04229) ++IF FMID(CINSK00) REQ(LU04230) . ++IF FMID(CPDTK00) REQ(LU04231) . ++IF FMID(CPSAK00) REQ(LU04232) . CSECT(NCCLIB2M) .

Service	Details		
LU04230	LU04230 M.C.S. ENTRIES = ++PTF (LU04230) TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14556 Copyright (C) 2022 CA. All rights reserved. R01815-D200-SP1 DESC(TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT). ++VER (Z038) FMID (CINSK00) PRE (LU00123 LU00131 LU00237 LU00254 LU00523 LU00921 LU01362 LU01978 LU02124 LU02229 R096576 R097704 R098859 R099553 R099979 S000016 S001396 S001665 S004455 S005070 S006113 S006863 S007560 S007807 S009693 S009785 S009796 S009929 S010004 S010281 S010417 S010750 S010907 S011623 S012396 S012537 S012715 S013509 S014295 S014566 S014634 S014721 S014874 S015132 S015868) SUP (LT02936 LT03953 LT04012 LT04022 LT04029 LT04033 LT04037 LT04041 LT04046 LT04050 LT04055 LT04062 LT04208 LT04230 LU03953 ST10808 ST10861 ST10903 ST14715) ++IF FMID(CPDTK00) REQ(LU04231) . ++IF FMID(CPSAK00) REQ(LU04232) . ++IF FMID(CIDBK00) REQ(LU04229) . ++HOLD (LU04230) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22014) COMMENT (<table border="1"> <tr> <td>DB2 Common Components</td><td>Version 20.0</td></tr> </table> SEQUENCE Before Apply PURPOSE Avoidance of module mismatch related errors in an Xmanager USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. ACCESS 1. Product runtime libraries. REQUIRED ***** * STEPS TO PERFORM * *****	DB2 Common Components	Version 20.0
DB2 Common Components	Version 20.0		

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

Service	Details										
LU04231	LU04231 M.C.S. ENTRIES = ++PTF (LU04231) TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14556 Copyright (C) 2022 CA. All rights reserved. R01815-D200-SP1 DESC(TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00176 LU00240 LU00329 LU00402 LU00524 LU00549 LU00684 LU00768 LU00938 LU01002 LU01215 LU01393 LU01467 LU01542 LU01841 LU01933 LU01982 LU02108 LU02132 LU02220 LU02290 LU02524 LU02554 LU02706 LU02796 LU02944 LU03093 LU03710 LU03809 LU03917 R096168 R096580 R097707 R098429 R099556 R099946 R099980 S000263 S000423 S001400 S003942 S004458 S004757 S006116 S006334 S006838 S006865 S007810 S007988 S008129 S008323 S008446 S008789 S009044 S009065 S009239 S009601 S009811 S009828 S010018 S010492 S010521 S010538 S010652 S010908 S011263 S011624 S011694 S011717 S011983 S012131 S012429 S012538 S012921 S013450 S013655 S013761 S013887 S013889 S014235 S014267 S014338 S014397 S014680 S014782 S015073 S015199 S015395 S015499 S015573 S015723 S015843 S015927 S016113 S016174) SUP (AL02944 AS11694 CC97644 LT00307 LT00505 LT01214 LT01903 LT01956 LT02217 LT03261 LT03386 LT03406 LT03419 LT03461 LT03713 LT03897 LT03915 LT04013 LT04015 LT04023 LT04030 LT04063 LT04175 LT04209 LT04231 LU03261 LU03386 LU03406 LU03461 LU04015 SI12388 S011499 S012426 S012808 S012821 S013074 ST07220 ST08124 ST10536 ST11499 ST11928 ST12426 ST12808 ST12821 ST12823 ST13074) ++IF FMID(CINSK00) REQ(LU04230) . ++IF FMID(CPSAK00) REQ(LU04232) . ++IF FMID(CIDBK00) REQ(LU04229) . ++HOLD (LU04231) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22014) COMMENT (<table border="1"> <tr> <td>Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>Before Apply</td></tr> <tr> <td>PURPOSE</td><td>Avoidance of module mismatch related errors in an Xmanager</td></tr> <tr> <td>USERS</td><td>Collections of Db2 statistics via Detector or Subsystem</td></tr> <tr> <td>AFFECTED</td><td>Analyzer.</td></tr> </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.
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
LU04232	LU04232 M.C.S. ENTRIES = ++PTF (LU04232) TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 14556 Copyright (C) 2022 CA. All rights reserved. R01815-D200-SP1 DESC(TITLE: INFRASTRUCTURE FOR NEW ENHANCEMENT). ++VER (Z038) FMID (CPSAK00) PRE (LU00576 LU01543 LU01990 LU03116 LU03918 R097716 R097825 R098251 R098430 R099565 S000871 S001410 S004468 S006126 S006335 S006873 S007204 S008123 S008190 S008393 S009267 S009432 S010867 S010955 S011625 S011695 S012539 S012926 S014681 S015094 S015935 S016175) SUP (CC97645 LT01652 LT01732 LT03601 LT03898 LT03916 LT04014 LT04024 LT04031 LT04035 LT04039 LT04043 LT04048 LT04052 LT04057 LT04064 LT04210 LT04232 LU01732 LU03601 S001635 S012966 S013329 ST01635 ST04332 ST09266 ST10535 ST10810 ST10863 ST10905 ST12824 ST12833 ST12966 ST13329 ST13777 TR97538 TR98368) ++IF FMID(CINSK00) REQ(LU04230) . ++IF FMID(CPDTK00) REQ(LU04231) . ++IF FMID(CIDBK00) REQ(LU04229) . ++HOLD (LU04232) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (22014) COMMENT (<pre> +-----+ Subsystem Analyzer for Db2 for z/OS Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * </pre>

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

Service	Details
LU04243	LU04243 M.C.S. ENTRIES = ++PTF (LU04243) The following items are included in this solution: 1. APCOMPARE DEFAULT BIND OPTION IS INCORRECT 2. INCORRECT LGRANT/LREVOKE COMMAND EXECUTION FROM PK-UA REPORT ===== APCOMPARE DEFAULT BIND OPTION IS INCORRECT PROBLEM DESCRIPTION: In RC/Query for DB2 Db2 for z/OS (RCQ), the LBIND command generates an incorrect default value for the APCOMPARE bind option. SYMPTOMS: LBIND generates the APCOMPARE default value as 'NO' instead of 'WARN'. IMPACT: An incorrect default value is used for APCOMPARE. CIRCUMVENTION: Manually edit the APCOMPARE value in the generated cards. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 15790 ===== INCORRECT LGRANT/LREVOKE COMMAND EXECUTION FROM PK-UA REPORT PROBLEM DESCRIPTION: In RC/Query for DB2 for z/OS (RCQ), the missing package name in the Package User Authorization(PK-UA) report results in incorrect line command execution. SYMPTOMS: Executing the LGRANT or LREVOKE commands from the PK-UA report may generates collection authorizations instead of the package authorizations. IMPACT: The line command does not work correctly from the PK-UA report. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 15872 Copyright (C) 2022 CA. All rights reserved. R01816-D200-SP1 DESC(APCOMPARE DEFAULT BIND OPTION IS INCORRECT). ++VER (Z038) FMID (CINSK00) PRE (R099553 S006113 S010788 S012011 S012228) SUP (AS10788 LT04243 S010871 S011468 S012132 S013973 ST10871 ST11468 ST12132 ST13973) ++IF FMID(CRCQK00) REQ(LU04244) .

Service	Details
LU04244	LU04244 M.C.S. ENTRIES = ++PTF (LU04244) The following items are included in this solution: 1. APCOMPARE DEFAULT BIND OPTION IS INCORRECT 2. INCORRECT LGRANT/LREVOKE COMMAND EXECUTION FROM PK-UA REPORT ===== APCOMPARE DEFAULT BIND OPTION IS INCORRECT PROBLEM DESCRIPTION: In RC/Query for DB2 Db2 for z/OS (RCQ), the LBIND command generates an incorrect default value for the APCOMPARE bind option. SYMPTOMS: LBIND generates the APCOMPARE default value as 'NO' instead of 'WARN'. IMPACT: An incorrect default value is used for APCOMPARE. CIRCUMVENTION: Manually edit the APCOMPARE value in the generated cards. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 15790 ===== INCORRECT LGRANT/LREVOKE COMMAND EXECUTION FROM PK-UA REPORT PROBLEM DESCRIPTION: In RC/Query for DB2 for z/OS (RCQ), the missing package name in the Package User Authorization(PK-UA) report results in incorrect line command execution. SYMPTOMS: Executing the LGRANT or LREVOKE commands from the PK-UA report may generates collection authorizations instead of the package authorizations. IMPACT: The line command does not work correctly from the PK-UA report. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 15872 Copyright (C) 2022 CA. All rights reserved. R01816-D200-SP1 DESC(APCOMPARE DEFAULT BIND OPTION IS INCORRECT). ++VER (Z038) FMID (CRCQK00) PRE (R099569 S006875) SUP (LT04244) ++IF FMID(CINSK00) REQ(LU04243) . CSECT(RQAPKUA,RPTSVCST) .

Service	Details
LU04262	LU04262 M.C.S. ENTRIES = ++PTF (LU04262) DETECTOR COLLECTION TERMINATES WITH A DIAGNOSTIC DUMP PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) collection may take a diagnostic dump and terminate the collection when USECOLLTASKS (Y) is specified in the PDT parmlib member. SYMPTOMS: The following messages will appear in the Xmanager JOBLLOG: PDT0105 DETECTOR ABNORMAL TERMINATION/SDUMP IN PROGRESS DB2=ssid PDT0106 DETECTOR SDUMP CAPTURE COMPLETE DB2=ssid RETURN CODE=00 PDT0102 DETECTOR TERM IN PROGRESS FOR DB2=ssid USER=CONSOLE REASON=00 Multiple LOGREC entries are created for the S058-10 abend with the Xmanager as the home ASID. The first one was requested by the "DISPATCHER RECOVERY" routine. A diagnostic SVC dump is also produced. IMPACT: The Detector collection terminates and may automatically restart. CIRCUMVENTION: Specify USECOLLTASKS (N) in the PDT parmlib member. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 15711 Copyright (C) 2022 CA. All rights reserved. R01817-D200-SP1 DESC(DETECTOR COLLECTION TERMINATES WITH A DIAGNOSTIC DUMP). ++VER (Z038) FMID (CINSK00) PRE (LU01978 LU03808 R096576 R099979 S004455 S004756) SUP (LT04174 LT04262) ++IF FMID(CPDTK00) REQ(LU04263) . ++HOLD (LU04262) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22019) COMMENT (+-----+ DB2 Common Components

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.). CSECT(PXMQUECC) .

Service	Details																
LU04263	LU04263 M.C.S. ENTRIES = ++PTF (LU04263) DETECTOR COLLECTION TERMINATES WITH A DIAGNOSTIC DUMP PROBLEM DESCRIPTION: Detector for Db2 for z/OS (PDT) collection may take a diagnostic dump and terminate the collection when USECOLLTASKS (Y) is specified in the PDT parmlib member. SYMPTOMS: The following messages will appear in the Xmanager JOBL0G: PDT0105 DETECTOR ABNORMAL TERMINATION/SDUMP IN PROGRESS DB2=ssid PDT0106 DETECTOR SDUMP CAPTURE COMPLETE DB2=ssid RETURN CODE=00 PDT0102 DETECTOR TERM IN PROGRESS FOR DB2=ssid USER=CONSOLE REASON=00 Multiple LOGREC entries are created for the S058-10 abend with the Xmanager as the home ASID. The first one was requested by the "DISPATCHER RECOVERY" routine. A diagnostic SVC dump is also produced. IMPACT: The Detector collection terminates and may automatically restart. CIRCUMVENTION: Specify USECOLLTASKS (N) in the PDT parmlib member. PRODUCT(S) AFFECTED: Detector for Db2 for z/OS Version 20.0 Related Problem: PDT 15711 Copyright (C) 2022 CA. All rights reserved. R01817-D200-SP1 DESC(DETECTOR COLLECTION TERMINATES WITH A DIAGNOSTIC DUMP). ++VER (Z038) FMID (CPDTK00) PRE (LU00402 LU00549 LU01002 LU01542 LU01841 LU03461 LU03917 LU04015 LU04231 R096168 R097707 R098429 R099556 S000263 S001400 S003942 S004458 S006116 S006334 S006865 S007810 S008323 S008789 S009044 S009065 S009601 S009811 S010538 S010908 S011694 S011983 S012131 S012429 S012538 S012921 S013887 S015395 S015499 S015573) SUP (LT04175 LT04263) ++IF FMID(CINSK00) REQ(LU04262) . ++HOLD (LU04263) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22019) COMMENT (<table border="1"> <tr> <td>Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>Before Apply</td></tr> <tr> <td>PURPOSE</td><td>Avoidance of module mismatch related errors in an Xmanager</td></tr> <tr> <td>USERS</td><td>Collections of Db2 statistics via Detector or Subsystem</td></tr> <tr> <td>AFFECTED</td><td>Analyzer.</td></tr> <tr> <td></td><td>Db2 subsystems that have active collections.</td></tr> <tr> <td>KNOWLEDGE</td><td>1. SMP/E</td></tr> <tr> <td>REQUIRED</td><td>2. z/OS System Programming</td></tr> </table>	Detector for DB2 for z/OS	Version 20.0	SEQUENCE	Before Apply	PURPOSE	Avoidance of module mismatch related errors in an Xmanager	USERS	Collections of Db2 statistics via Detector or Subsystem	AFFECTED	Analyzer.		Db2 subsystems that have active collections.	KNOWLEDGE	1. SMP/E	REQUIRED	2. z/OS System Programming
Detector for DB2 for z/OS	Version 20.0																
SEQUENCE	Before Apply																
PURPOSE	Avoidance of module mismatch related errors in an Xmanager																
USERS	Collections of Db2 statistics via Detector or Subsystem																
AFFECTED	Analyzer.																
	Db2 subsystems that have active collections.																
KNOWLEDGE	1. SMP/E																
REQUIRED	2. z/OS System Programming																

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

Service	Details
LU04264	LU04264 M.C.S. ENTRIES = ++PTF (LU04264) MESSAGE PTT1155E ADDED TO INDICATE MAINT LS < XMAN HIGHEST ENHANCEMENT DESCRIPTION: When the SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) attempts to cancel a Db2 thread, new error message PTT1155E will appear in the data collector's joblog if the maintenance Level Set for the data collector is less than the highest active Level Set of the Xmanager being connected to. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: PTT 15614 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(MESSAGE PTT1155E ADDED TO INDICATE MAINT LS < XMAN HIGHEST). ++VER (Z038) FMID (CINSK00) PRE (LU01978 LU04230 S001665 S013509) SUP (LT04139 LT04264) CSECT(TT#MS2CC,WTOZAP).

Service	Details
LU04282	LU04282 M.C.S. ENTRIES = ++PTF (LU04282) BUFFER POOL AND GROUP BUFFER POOL DATA MISSING IN HISTORY PROBLEM DESCRIPTION: When a large number of buffer pools or group buffer pools are active during a certain time period, the SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) may omit some buffer pool and group buffer pool data when writing it to the Online STATS History data set. SYMPTOMS: A STATS history report (for example HSBUFL or HSGBUFL) shows only 25 buffer pools or group buffer pools, although more (group) buffer pools were active during given period. IMPACT: Some (group) buffer pool data is not available in the STATS history file. CIRCUMVENTION: Run a batch report (for example BTSTASM2) using SMF or GTF trace data input file. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 15793 Copyright (C) 2022 CA. All rights reserved. R01819-D200-SP1 DESC(BUFFER POOL AND GROUP BUFFER POOL DATA MISSING IN HISTORY). ++VER (Z038) FMID (CIDBK00) PRE (LU01041 LU01175 LU02118 LU03286 R096575 R099552 S004454 S006112 S006862 S008846 S010160 S010906 S011977 S012536 S012769 S013557 S013891 S014016 S014099 S014642 S014923 S015254 S016300) SUP (LT04282 S013032 ST13032) CSECT(NGR1002C,NGR1002). CSECT(NGR1002C,NGR1002). CSECT(NGR1002C,NGR1002). CSECT(NUHSTRDC,NUHSTRDM).

Service	Details
LU04287	LU04287 M.C.S. ENTRIES = ++PTF (LU04287) INFRASTRUCTURE FOR EXCEPTION SYSTEM ENHANCEMENT ENHANCEMENT DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) exception system has been enhanced with an Exception Name concept. Every exception gets a name value to simplify its future identification and maintenance. During the start up, the data collector will upgrade the exception file and assign a unique exception name to every existing exception definition. The product reports an exception name in the following ways: - In the online interface display, when the exception is open to browse or edit. - A new variable &XCPNAME can be used in the exception message text. - A new OPS/MVS variable API.XCPNAME can be used in OPS/MVS REXX scripts. - A new &XCPNAME can be used in the email system. The default plain email and email HTML template NSIEHTML both include the name. - In the SNMP trap. A new db2ExceptionName field in the CAIDB2MB MiB file maps the name. - In a new IQL field EXP-NAME in the IDB2-EXCEPTIONS (1042) record. To enforce the uniqueness of exception names for new or updated exceptions, create an alternate VSAM index for the exception file. Use a new sample JCL member IDB2XAIX that is added to the SOURCE library after post-install. Broadcom recommends using the Alternate Index to enforce the uniqueness of exception names. This will better position you to use future enhancements as they become available. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 14996 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(INFRASTRUCTURE FOR EXCEPTION SYSTEM ENHANCEMENT). ++VER (Z038) FMID (CIDBK00) PRE (LU00331 LU00545 LU00697 LU01030 LU01164 LU01175 LU01977 LU02118 LU02340 LU02428 LU02634 LU02646 LU02708 LU03091 LU03286 LU03348 LU03435 LU03929 LU04097 R096575 R097703 R099552 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S010160 S010739 S010906 S011616 S011780 S011977 S012483 S012536 S012769 S013508 S013557 S013891 S014099 S014754 S015049 S015070 S015254 S015647 S016270 S016300) SUP (LT00282 LT01513 LT01581 LT02033 LT02439 LT04287 LU00282 LU01513 LU01581 LU02033 LU02439) ++HOLD (LU04287) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (22024) COMMENT (+-----+ SYSVIEW Performance Management Option for Db2 for z/OS

Service	Details
	<pre> Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE To update SOURCE library with IDB2XAIX JCL member +-----+-----+ USERS All users of SYSVIEW Performance Management Option for DB2 AFFECTED for z/OS +-----+-----+ KNOWLEDGE DB2 Tools Post Install REQUIRED +-----+-----+ ACCESS Post Install customization libraries REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** After the PTF is applied, re-execute the DB2 catalog customization tasks (option 3) in Post-Install (via the INSMAN clist) for IDB2. This will generate a sample IDB2XAIX (or ssidXAIX) JCL member in the installation SOURCE library. This member contains a job to create VSAM Alternate Index for the exception definition file. This index is currently optional but will be required for export/import of exception definitions in the future. The index will be used to enforce uniqueness of new and updated exception names. Note: The IDB2XAIX job should be only executed after the PTF is applied and the data collector is started with the new maintenance. During the start up, the data collector upgrades the exception file and introduces a unique Exception Name value to every present exception definition. After the Alternate Index is created, data collectors with lower maintenance levels may fail to update existing or create new exception definitions. If the Exception file will be shared among data collectors at different maintenance levels, Broadcom recommends setting the security profile parameter EXCEPTION-DEFINITION to NO on data collectors with lower maintenance levels to prevent accidental removal of the Exception Name in the upgraded exception definition file.). CSECT (AMXINPTC,AMXINPTM) . CSECT (AMXSSXC,AMXSSX) . CSECT (AMXSSXC,AMXSSX) . CSECT (AMXSSXC,AMXSSX) . CSECT (AMXSSXMM) . CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) . CSECT (IFCIDSCS) . CSECT (NCCEXCPC,NCCEXCPM) . CSECT (NGR1042C,NGR1042) . CSECT (NPLEXDAT,NPLEXSYM,SYMTBLE) . </pre>

Service	Details	
LU04339	LU04339 M.C.S. ENTRIES = ++PTF (LU04339)	
	ABEND 13C FOLLOWING LU03917	
	PROBLEM DESCRIPTION:	
	Detector for Db2 for z/OS (PDT) may abend with a 13C-18 and terminate collections at Xmanager start-up after LU03917 is applied.	
	Note: This is sporadic and does not occur at some customer sites.	
	SYMPTOMS:	
	The following messages will be written to the Xmanager log:	
	STC05385 PDT0732 DETECTOR TERM CLEANUP COMPLETE DB2=NB1	
	STC05385 IEA995I SYMPTOM DUMP OUTPUT 481	
	SYSTEM COMPLETION CODE=13C REASON CODE=00000018	
	IMPACT:	
	Detector collections terminate.	
	CIRCUMVENTION:	
	N/A	
	PRODUCT(S) AFFECTED:	
	Detector for Db2 for z/OS	Version 20.0
	Related Problem:	
	PDT 15833	
	(C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved	
	DESC (ABEND 13C FOLLOWING LU03917).	
	++VER (Z038)	
	FMID (CPDTK00)	
	PRE (LU00124 LU00524 LU00549 LU00768 LU00938 LU01542	
	LU02944 LU03461 LU03710 LU03809 LU03917 LU04231	
	R096580 R098429 S001400 S003942 S004458 S004757	
	S006116 S006334 S007810 S010521 S010908 S011694	
	S013889 S014338 S014397 S014782 S016174)	
	SUP (AL03917 LT04339)	
	++HOLD (LU04339) SYSTEM FMID(CPDTK00)	
	REASON (RESTART) DATE (22025)	
	COMMENT (	
	+-----+-----+-----+	
	Detector for DB2 for z/OS	Version 20.0
	+-----+-----+-----+	
	SEQUENCE Before Apply	
	+-----+-----+-----+	
	PURPOSE Avoidance of module mismatch related errors in an Xmanager	
	+-----+-----+-----+	
	USERS Collections of Db2 statistics via Detector or Subsystem	
	AFFECTED Analyzer.	
	Db2 subsystems that have active collections.	
	+-----+-----+-----+	
	KNOWLEDGE 1. SMP/E	
	REQUIRED 2. z/OS System Programming	
	3. Db2 Tools Installation and Maintenance procedures.	
	+-----+-----+-----+	
	ACCESS 1. Product runtime libraries.	
	REQUIRED	
	+-----+-----+-----+	

	* STEPS TO PERFORM *	

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

Service	Details
LU04354	LU04354 M.C.S. ENTRIES = ++PTF (LU04354) XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING PROBLEM DESCRIPTION: When the Execution Manager (Xmanager) for Db2 for z/OS (PXM) shuts down, it does not inform requestors of the Thread Termination/Dynamic DSNZPARM for Db2 for z/OS (PTT) cancel thread service that the Xmanager is shutting down. The task in the requesting address space may go into a permanent wait. This problem occurred when the SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) data collector exception processor issued a PTT request to cancel a thread. SYMPTOMS: The following messages are issued in the IDB2 data collector job log. They should be followed by additional messages when the cancel thread is requested: <pre>DBG72098I D780 10:50:50 INVOKING PTT COMMAND FOR EXCEPTION DBG72036I D780 10:50:50 PTT CMD: CANCEL TOKEN= <token> DBG72112I D780 10:50:50 EXCEPTION: <exception and thread identification information></pre> Messages like the following are NOT issued after the above messages but they should be: <pre>PTT1098I THE FOLLOWING COMMAND EXECUTED AT 09:21:50 ON 2021-11-29 ... PTT1036I INPUT: CANCEL TOKEN= <token> ... and other messages</pre> IMPACT: Processes go into a permanent wait. The IDB2 data collector exception processor stops functioning. It no longer issues messages in the IDB2 data collector job log. It also stops processing exceptions. For example, threads that should be canceled are not. CIRCUMVENTION: Before shutting down the Xmanager, shut down all IDB2 data collectors that are configured to use the Xmanager. This should be the standard practice. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PXM 15691 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING). <pre>++VER (Z038) FMID (CIDBK00) PRE (LU04411) SUP (LT04354) ++IF FMID(CINSK00) REQ(LU04355) . ++IF FMID(CPDTK00) REQ(LU04356) . ++IF FMID(CPSAK00) REQ(LU04357) . ++IF FMID(CTGRK00) REQ(LU04358) . ++IF FMID(CEU9K00) REQ(LU04353) .</pre>

Service	Details
LU04355	LU04355 M.C.S. ENTRIES = ++PTF (LU04355) XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING PROBLEM DESCRIPTION: When the Execution Manager (Xmanager) for Db2 for z/OS (PXM) shuts down, it does not inform requestors of the Thread Termination/Dynamic DSNZPARM for Db2 for z/OS (PTT) cancel thread service that the Xmanager is shutting down. The task in the requesting address space may go into a permanent wait. This problem occurred when the SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) data collector exception processor issued a PTT request to cancel a thread. SYMPTOMS: The following messages are issued in the IDB2 data collector job log. They should be followed by additional messages when the cancel thread is requested: <pre>DBG72098I D780 10:50:50 INVOKING PTT COMMAND FOR EXCEPTION DBG72036I D780 10:50:50 PTT CMD: CANCEL TOKEN= <token> DBG72112I D780 10:50:50 EXCEPTION: <exception and thread identification information></pre> Messages like the following are NOT issued after the above messages but they should be: <pre>PTT1098I THE FOLLOWING COMMAND EXECUTED AT 09:21:50 ON 2021-11-29 ... PTT1036I INPUT: CANCEL TOKEN= <token> ... and other messages</pre> IMPACT: Processes go into a permanent wait. The IDB2 data collector exception processor stops functioning. It no longer issues messages in the IDB2 data collector job log. It also stops processing exceptions. For example, threads that should be canceled are not. CIRCUMVENTION: Before shutting down the Xmanager, shut down all IDB2 data collectors that are configured to use the Xmanager. This should be the standard practice. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PXM 15691 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING). ++VER (Z038) FMID (CINSK00) PRE (LU00523 LU00921 LU00937 LU01362 LU01760 LU01978 LU04230 LU04264 LU04412 RO99979 S001396 S001665 S004455 S005070 S006113 S006863 S009693 S009929 S011317 S012396 S012537 S013509 S013717 S013839 S013908 S014634 S014874 S015045 S015394) SUP (LT04355) ++IF FMID(CIDBK00) REQ(LU04354) . ++IF FMID(CPDTK00) REQ(LU04356) . ++IF FMID(CPSAK00) REQ(LU04357) . ++IF FMID(CTGRK00) REQ(LU04358) . ++IF FMID(CEU9K00) REQ(LU04353) .

Service	Details
	<pre> ++HOLD (LU04355) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (22027) COMMENT (+-----+ DB2 Common Components Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** 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.). CSECT(TT\$RP2C0,UDBRP,ESTAERP,XDB2CMD,CHKRTCDE,CONVNUM,FREEPSET, GETZDATA,SCHDLOAD,SCHEDULE,CIRBSRB,ESTAEIRB,EXITIRB,LOADIRB, KILLSRB,KILLIRB,RESUME,FREEDD,FREEDSN,ALLOCDA) . CSECT(TT\$RP2C1,UDBRP,ESTAERP,XDB2CMD,CHKRTCDE,CONVNUM,FREEPSET, GETZDATA,SCHDLOAD,SCHEDULE,CIRBSRB,ESTAEIRB,EXITIRB,LOADIRB, KILLSRB,KILLIRB,RESUME,FREEDD,FREEDSN,ALLOCDA) . CSECT(TT\$RP2C2,UDBRP,ESTAERP,XDB2CMD,CHKRTCDE,CONVNUM,FREEPSET, GETZDATA,SCHDLOAD,SCHEDULE,CIRBSRB,ESTAEIRB,EXITIRB,LOADIRB, KILLSRB,KILLIRB,RESUME,FREEDD,FREEDSN,ALLOCDA) . CSECT(TT\$RP2C3,UDBRP,ESTAERP,XDB2CMD,CHKRTCDE,CONVNUM,FREEPSET, GETZDATA,SCHDLOAD,SCHEDULE,CIRBSRB,ESTAEIRB,EXITIRB,LOADIRB, KILLSRB,KILLIRB,RESUME,FREEDD,FREEDSN,ALLOCDA) . CSECT(TT\$SC2CC,SCHDEXEC,SCHDINPT,FREESCHD,ECHORMT,POSTME,ESTAERTN) . CSECT(TT#MS2CC,WTOZAP) . </pre>

Service	Details
LU04356	LU04356 M.C.S. ENTRIES = ++PTF (LU04356) XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING PROBLEM DESCRIPTION: When the Execution Manager (Xmanager) for Db2 for z/OS (PXM) shuts down, it does not inform requestors of the Thread Termination/Dynamic DSNZPARM for Db2 for z/OS (PTT) cancel thread service that the Xmanager is shutting down. The task in the requesting address space may go into a permanent wait. This problem occurred when the SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) data collector exception processor issued a PTT request to cancel a thread. SYMPTOMS: The following messages are issued in the IDB2 data collector job log. They should be followed by additional messages when the cancel thread is requested: <pre>DBG72098I D780 10:50:50 INVOKING PTT COMMAND FOR EXCEPTION DBG72036I D780 10:50:50 PTT CMD: CANCEL TOKEN= <token> DBG72112I D780 10:50:50 EXCEPTION: <exception and thread identification information></pre> Messages like the following are NOT issued after the above messages but they should be: <pre>PTT1098I THE FOLLOWING COMMAND EXECUTED AT 09:21:50 ON 2021-11-29 ... PTT1036I INPUT: CANCEL TOKEN= <token> ... and other messages</pre> IMPACT: Processes go into a permanent wait. The IDB2 data collector exception processor stops functioning. It no longer issues messages in the IDB2 data collector job log. It also stops processing exceptions. For example, threads that should be canceled are not. CIRCUMVENTION: Before shutting down the Xmanager, shut down all IDB2 data collectors that are configured to use the Xmanager. This should be the standard practice. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PXM 15691 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00524 LU00549 LU00768 LU00938 LU01542 LU02944 LU03461 LU03710 LU03809 LU03917 LU04231 LU04416 R096580 R098429 R099980 S001400 S003942 S004458 S004757 S006116 S006334 S007810 S010521 S010908 S011694 S013889 S014299 S014338 S014397 S014782 S016174) SUP (AL03917 LT04339 LT04356 LU04339 S012808 ST12808) ++IF FMID(CIDBK00) REQ(LU04354) . ++IF FMID(CINSK00) REQ(LU04355) . ++IF FMID(CPSAK00) REQ(LU04357) . ++IF FMID(CTGRK00) REQ(LU04358) .

Service	Details
	<pre> ++IF FMID(CEU9K00) REQ(LU04353) . ++HOLD (LU04356) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (22027) COMMENT (+-----+ Detector for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of Db2 statistics via Detector or Subsystem AFFECTED Analyzer. Db2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. Db2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with Db2 Tools and/or may compromise the operating system/Db2 including possible failures.) </pre>

Service	Details
LU04357	LU04357 M.C.S. ENTRIES = ++PTF (LU04357) XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING PROBLEM DESCRIPTION: When the Execution Manager (Xmanager) for Db2 for z/OS (PXM) shuts down, it does not inform requestors of the Thread Termination/Dynamic DSNZPARM for Db2 for z/OS (PTT) cancel thread service that the Xmanager is shutting down. The task in the requesting address space may go into a permanent wait. This problem occurred when the SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) data collector exception processor issued a PTT request to cancel a thread. SYMPTOMS: The following messages are issued in the IDB2 data collector job log. They should be followed by additional messages when the cancel thread is requested: DBG72098I D780 10:50:50 INVOKING PTT COMMAND FOR EXCEPTION DBG72036I D780 10:50:50 PTT CMD: CANCEL TOKEN= <token> DBG72112I D780 10:50:50 EXCEPTION: <exception and thread identification information> Messages like the following are NOT issued after the above messages but they should be: PTT1098I THE FOLLOWING COMMAND EXECUTED AT 09:21:50 ON 2021-11-29 ... PTT1036I INPUT: CANCEL TOKEN= <token> ... and other messages IMPACT: Processes go into a permanent wait. The IDB2 data collector exception processor stops functioning. It no longer issues messages in the IDB2 data collector job log. It also stops processing exceptions. For example, threads that should be canceled are not. CIRCUMVENTION: Before shutting down the Xmanager, shut down all IDB2 data collectors that are configured to use the Xmanager. This should be the standard practice. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PXM 15691 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING). ++VER (Z038) FMID (CPSAK00) PRE (LU04232 LU04426 R098251 S001410 S012926 S014681) SUP (LT04357) ++IF FMID(CIDBK00) REQ(LU04354) . ++IF FMID(CINSK00) REQ(LU04355) . ++IF FMID(CPDTK00) REQ(LU04356) . ++IF FMID(CTGRK00) REQ(LU04358) . ++IF FMID(CEU9K00) REQ(LU04353) . ++HOLD (LU04357) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (22027) COMMENT (+-----+

Service	Details		
		Subsystem Analyzer for Db2 for z/OS	
		Version 20.0	
	+-----+-----+-----+-----+-----+-----+		
	SEQUENCE	Before Apply	
	+-----+-----+-----+-----+-----+-----+		
	PURPOSE	Avoidance of module mismatch related errors in an Xmanager	
	+-----+-----+-----+-----+-----+-----+		
	USERS	Collections of Db2 statistics via Detector or Subsystem	
	AFFECTED	Analyzer.	
		Db2 subsystems that have active collections.	
	+-----+-----+-----+-----+-----+-----+		
	KNOWLEDGE	1. SMP/E	
	REQUIRED	2. z/OS System Programming	
		3. Db2 Tools Installation and Maintenance procedures.	
	+-----+-----+-----+-----+-----+-----+		
	ACCESS	1. Product runtime libraries.	
	REQUIRED		
	+-----+-----+-----+-----+-----+-----+		

	* STEPS TO PERFORM *		

	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
LU04358	LU04358 M.C.S. ENTRIES = ++PTF (LU04358) XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING PROBLEM DESCRIPTION: When the Execution Manager (Xmanager) for Db2 for z/OS (PXM) shuts down, it does not inform requestors of the Thread Termination/Dynamic DSNZPARM for Db2 for z/OS (PTT) cancel thread service that the Xmanager is shutting down. The task in the requesting address space may go into a permanent wait. This problem occurred when the SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) data collector exception processor issued a PTT request to cancel a thread. SYMPTOMS: The following messages are issued in the IDB2 data collector job log. They should be followed by additional messages when the cancel thread is requested: DBG72098I D780 10:50:50 INVOKING PTT COMMAND FOR EXCEPTION DBG72036I D780 10:50:50 PTT CMD: CANCEL TOKEN= <token> DBG72112I D780 10:50:50 EXCEPTION: <exception and thread identification information> Messages like the following are NOT issued after the above messages but they should be: PTT1098I THE FOLLOWING COMMAND EXECUTED AT 09:21:50 ON 2021-11-29 ... PTT1036I INPUT: CANCEL TOKEN= <token> ... and other messages IMPACT: Processes go into a permanent wait. The IDB2 data collector exception processor stops functioning. It no longer issues messages in the IDB2 data collector job log. It also stops processing exceptions. For example, threads that should be canceled are not. CIRCUMVENTION: Before shutting down the Xmanager, shut down all IDB2 data collectors that are configured to use the Xmanager. This should be the standard practice. PRODUCT(S) AFFECTED: Db2 Common Components Version 20.0 Related Problem: PXM 15691 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(XMANAGER TERMINATION NEEDS TO POST TASKS THAT ARE WAITING). ++VER (Z038) FMID (CTGRK00) PRE (LU04434) SUP (LT04358) ++IF FMID(CIDBK00) REQ(LU04354) . ++IF FMID(CINSK00) REQ(LU04355) . ++IF FMID(CPDTK00) REQ(LU04356) . ++IF FMID(CPSAK00) REQ(LU04357) . ++IF FMID(CEU9K00) REQ(LU04353) . ++HOLD (LU04358) SYSTEM FMID(CTGRK00) REASON (RESTART) DATE (22027) COMMENT (+-----+

Service	Details		
		Snapshot General Services	
		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.		
	).		

Service	Details
LU04371	LU04371 M.C.S. ENTRIES = ++PTF (LU04371) DSNW138I IFCID 362 IS INVALID SPECIFIED ON HIST-STATS-RECS PROBLEM DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) may fail to activate the appropriate Db2 trace records if the SYSPARM HIST-STATS-RECS includes an ineligible IFCID such as 234 or 362. SYMPTOMS: DSNW138I IFCID nnn is INVALID is written to the data collector job log. The START/MODIFY TRACE command fails. IMPACT: Other required trace records are not properly activated, resulting in loss of function. CIRCUMVENTION: Remove ineligible IFCID numbers from the HIST-STATS-RECS SYSPARM. As of today, the ineligible records are: 4, 5, 185, 187, 217, 232, 234, 240, 241, 362, and any value greater than 511. This list may change at any time without notice. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 15959 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DSNW138I IFCID 362 IS INVALID SPECIFIED ON HIST-STATS-RECS). ++VER (Z038) FMID (CIDBK00) PRE (LU03252 LU03286 LU04411 R096575 R099552 S001395 S004454 S006862 S008846 S010160 S013891 S016300) SUP (LT04371) CSECT(NSIRITAC,NSIRITAB).

Service	Details
LU04374	LU04374 M.C.S. ENTRIES = ++PTF (LU04374) SUPPORT FOR NEW DB2 12 PHYSICALLY CLOSED DATA SETS FIELDS ENHANCEMENT DESCRIPTION: The SYSVIEW Performance Management Option for Db2 for z/OS (IDB2) adds support for new Db2 12 fields to the STATS2 (IFCID 2) and CURR-STATS2 (IFCID 1002) Db2 trace records. The following Db2 12 fields were added: PHYS-CLOSED-INFREQ-DS (QTPCGBP) - Specifies the number of infrequently accessed data sets that are physically closed. PHYS-CLOSED-UTIL-ONLY-DS (QTPCUT) - Specifies the number of utility-access-only data sets that are physically closed. The following reports were updated: SYSRAIN, HSDRAIN, HSUDRAIN, DSQHIST, DSQSTATS, BTSTATR1 and BTSTASM2. PRODUCT(S) AFFECTED: SYSVIEW Performance Management Option for Db2 for z/OS Version 20.0 Related Problem: IDB2 15755 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(SUPPORT FOR NEW DB2 12 PHYSICALLY CLOSED DATA SETS FIELDS). ++VER (Z038) FMID (CIDBK00) PRE (LU00545 LU00697 LU01030 LU01100 LU01175 LU01977 LU02033 LU02340 LU02428 LU02634 LU02646 LU03091 LU03286 LU03348 LU03435 LU03929 LU04097 LU04287 R096575 R097703 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010739 S010906 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014754 S015049 S015070 S015254 S015647 S016270 S016300) SUP (AL02340 LT00159 LT00282 LT01845 LT02439 LT02708 LT03673 LT04374 LU00159 LU00282 LU01845 LU02439 LU02708 LU03673) CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXDBOBC,AMXDBOB) . CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) . CSECT (AMXXCDBM) . CSECT (AMXXCSQM) . CSECT (AMXXC3C,AMXXC3) . CSECT (IFCIDSCS) . CSECT (NCCEXCPC,NCCEXCPM) . CSECT (NDDELTA,NDDELTA) . CSECT (NPLEXDAT,NPLEXSYM,SYMTBLE) .

Service	Details
LU04376	LU04376 M.C.S. ENTRIES = ++PTF (LU04376) RMA811I ISSUED WHEN OFS IS NOT ACTIVE PROBLEM DESCRIPTION: When using RC/Migrator for Db2 for z/OS (RCM) to analyze a strategy the analysis issues RMA811I message when OFS is not active. SYMPTOMS: RMA811I RC/MIGRATOR ANALYSIS - OFS ACTIVE IMPACT: The message causes confusion. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 15900 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(RMA811I ISSUED WHEN OFS IS NOT ACTIVE). ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04149 LU04412 R099553 S000016 S004455 S004718 S007379 S008128 S011866 S011966 S012361 S012751 S012933) SUP (LT04376) CSECT(RMA@MAIN,#@XFCALN).

Service	Details
LU04399	LU04399 M.C.S. ENTRIES = ++PTF (LU04399) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. For more details access Security Advisories using the following URL: support.broadcom.com/security-advisory/security-advisories-list.html Broadcom recommends that you subscribe to notifications for Security Advisories for the associated products that you support in your organization. Please use the following URL to register for proactive notifications: https://support.broadcom.com/user/notifications.html SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: Related Problem: INS 15970 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(SECURITY OR INTEGRITY PROBLEM) . ++VER (Z038) FMID (CINSK00) PRE (S001396 S007807 S008825 S010061 S012323 S013484) SUP (AL03417 AL03879 AL03952 LT03417 LT03879 LT03952 LT04399 LU03417 LU03879 LU03952 S014168 S014491 S015122 ST11667 ST14168 ST14491 ST15122) LINK(' ../PDT/ui/mtc-dbm.war') PARM(PATHMODE(0,7,7,5)) SHSCRIPT (PDTAAMKD,PRE) .

Service	Details
LU04400	LU04400 M.C.S. ENTRIES = ++PTF (LU04400) SECURITY OR INTEGRITY PROBLEM PROBLEM DESCRIPTION: Security or Integrity Problem. For more details access Security Advisories using the following URL: support.broadcom.com/security-advisory/security-advisories-list.html Broadcom recommends that you subscribe to notifications for Security Advisories for the associated products that you support in your organization. Please use the following URL to register for proactive notifications: https://support.broadcom.com/user/notifications.html SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: Related Problem: INS 15971 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC (SECURITY OR INTEGRITY PROBLEM) . ++VER (Z038) FMID (CINSK00) PRE (LU01610 LU02808 S001396 S006978 S008825 S010061 S011373 S013484 S014401) SUP (AL02808 AL03629 AL03869 AL03955 LT03629 LT03869 LT03955 LT04400 LU03629 LU03869 LU03955 S011679 ST11679) LINK (' ../PXM/ds/dbm-ds.war') PARM (PATHMODE (0,7,7,5)) SHSCRIPT (PXMDSSMP,PRE) .

Service	Details
LU04405	LU04405 M.C.S. ENTRIES = ++PTF (LU04405) QM NOT LISTING ALL TABLESPACES WITH SAME NAME AND CREATOR PROBLEM DESCRIPTION: In RC/Migrator for Db2 for z/OS (RCM), a Qucik Migrate using primary object Tablespace will not process all the selected Tablespaces with the same name and creator. SYMPTOMS: Only the first Tablespace of the selected Tablespaces will be listed on the panel 'RC/M Quick Migration Services'. IMPACT: Users will not be able to qucik migrate Tablespaces with same name and creator in a single run. CIRCUMVENTION: Create a Migration strategy to accomplish this. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 15989 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(QM NOT LISTING ALL TABLESPACES WITH SAME NAME AND CREATOR) . ++VER (Z038) FMID (CINSK00) PRE (LU00446 LU03657 LU04412 R097704 S014832) SUP (LT04405) CSECT(RMA\$QM8,\$QLIST8) .

Service	Details
LU04409	LU04409 M.C.S. ENTRIES = ++PTF (LU04409) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CAHOK00) SUP (LT04409) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .

Service	Details
LU04411	LU04411 M.C.S. ENTRIES = ++PTF (LU04411) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CIDBK00) SUP (LT04411) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(COFSK00) REQ(LU04413) .

Service	Details
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04412	LU04412 M.C.S. ENTRIES = ++PTF (LU04412) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CINSK00) PRE (LU03520) SUP (LT04412) ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	<pre> ++IF FMID(COFSK00) REQ(LU04413) . ++IF FMID(CPBAK00) REQ(LU04414) . ++IF FMID(CPDAK00) REQ(LU04415) . ++IF FMID(CPDTK00) REQ(LU04416) . ++IF FMID(CPLAK00) REQ(LU04419) . ++IF FMID(CPPAK00) REQ(LU04420) . ++IF FMID(CPRAK00) REQ(LU04421) . ++IF FMID(CPRFK00) REQ(LU04422) . ++IF FMID(CPRFK01) REQ(LU04423) . ++IF FMID(CPRFK02) REQ(LU04424) . ++IF FMID(CPRRK00) REQ(LU04425) . ++IF FMID(CPSAK00) REQ(LU04426) . ++IF FMID(CPXNK00) REQ(LU04428) . ++IF FMID(CRCMK00) REQ(LU04429) . ++IF FMID(CRCQK00) REQ(LU04430) . ++IF FMID(CRC SK00) REQ(LU04431) . ++IF FMID(CRCUK00) REQ(LU04432) . ++IF FMID(CRCXK00) REQ(LU04433) . ++IF FMID(CTGRK00) REQ(LU04434) . ++IF FMID(CUTSK00) REQ(LU04436) . ++IF FMID(CAHOK00) REQ(LU04409) . ++HOLD (LU04412) SYSTEM FMID(CINSK00) REASON (DDDEF) DATE (22026) COMMENT (+-----+ DB2 Common Components Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Increase size of CDBAXML and ADBAXML +-----+-----+ USERS Installer AFFECTED +-----+-----+ KNOWLEDGE JCL REQUIRED +-----+-----+ ACCESS SMP/E target & distribution data sets REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Tailor and submit the following job. The job should end with a return code of 0. /** /** Specify the high level qualifier(s) of your SMP/E target & /** distribution data sets on the SET statement below. /** /** Provide appropriate SMS information for both data sets, or /** uncomment the VOL=SER lines. /** /** This job should end with a return code of 0. /** </pre>

Service	Details
	<pre>// EXPORT SYMLIST=(*) // SET PREFIX=YOUR.HLQS //* //ALLOCNEW EXEC PGM=IEFBR14 //CDBAXMLN DD DSN=&PREFIX..CDBAXMLN,DISP=(NEW,CATLG), // RECFM=VB,LRECL=512,BLKSIZE=32760, // DSNTYPE=LIBRARY, // SPACE=(TRK,(750,100,250)), // VOL=SER=XXXXXX,UNIT=YYYYYY, // MGMTCLAS=xxx,STORCLAS=xxx,DATACLAS=xxx //ADBAXMLN DD DSN=&PREFIX..ADBAXMLN,DISP=(NEW,CATLG), // RECFM=VB,LRECL=512,BLKSIZE=32760, // DSNTYPE=LIBRARY, // SPACE=(TRK,(750,100,250)), // VOL=SER=XXXXXX,UNIT=YYYYYY, // MGMTCLAS=xxx,STORCLAS=xxx,DATACLAS=xxx //* //COPY EXEC PGM=IEBCOPY //FCOPYOFF DD DUMMY //SYSPRINT DD SYSOUT=* //CDBAXML DD DISP=SHR,DSN=&PREFIX..CDBAXML //CDBAXMLN DD DISP=SHR,DSN=&PREFIX..CDBAXMLN //ADBAXML DD DISP=SHR,DSN=&PREFIX..ADBAXML //ADBAXMLN DD DISP=SHR,DSN=&PREFIX..ADBAXMLN //SYSIN DD * COPY INDD=((CDBAXML,R)),OUTDD=CDBAXMLN COPY INDD=((ADBAXML,R)),OUTDD=ADBAXMLN //* //RENAMEO EXEC PGM=IDCAMS,COND=(0,LT) //SYSPRINT DD SYSOUT=* //SYSIN DD *,SYMBOLS=JCLONLY ALTER &PREFIX..CDBAXML - NEWNAME(&PREFIX..CDBAXML) ALTER &PREFIX..ADBAXML - NEWNAME(&PREFIX..ADBAXML) //* //RENAMEN EXEC PGM=IDCAMS,COND=(0,LT) //SYSPRINT DD SYSOUT=* //SYSIN DD *,SYMBOLS=JCLONLY ALTER &PREFIX..CDBAXMLN - NEWNAME(&PREFIX..CDBAXML) ALTER &PREFIX..ADBAXMLN - NEWNAME(&PREFIX..ADBAXML) //* //DELETE EXEC PGM=IDCAMS,COND=(0,LT) //SYSPRINT DD SYSOUT=* //SYSIN DD *,SYMBOLS=JCLONLY DELETE &PREFIX..CDBAXML DELETE &PREFIX..ADBAXML //).</pre>

Service	Details
LU04413	LU04413 M.C.S. ENTRIES = ++PTF (LU04413) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (COFSK00) SUP (LT04413) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04414	LU04414 M.C.S. ENTRIES = ++PTF (LU04414) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CPBAK00) SUP (LT04414) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04415	LU04415 M.C.S. ENTRIES = ++PTF (LU04415) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CPDAK00) SUP (LT04415) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04416	LU04416 M.C.S. ENTRIES = ++PTF (LU04416) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CPDTK00) SUP (LT04416) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04417	LU04417 M.C.S. ENTRIES = ++PTF (LU04417) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CPFLK00) PRE (LU03577) SUP (LT04417) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04418	LU04418 M.C.S. ENTRIES = ++PTF (LU04418) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CPFUK00) PRE (LU03578) SUP (LT04418) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04419	LU04419 M.C.S. ENTRIES = ++PTF (LU04419) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CPLAK00) SUP (LT04419) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04420	LU04420 M.C.S. ENTRIES = ++PTF (LU04420) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CPPAK00) SUP (LT04420) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04421	LU04421 M.C.S. ENTRIES = ++PTF (LU04421) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CPRAK00) SUP (LT04421) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRCCK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04422	LU04422 M.C.S. ENTRIES = ++PTF (LU04422) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CPRFK00) SUP (LT04422) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
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	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
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	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04425	LU04425 M.C.S. ENTRIES = ++PTF (LU04425) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CPRRK00) SUP (LT04425) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
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	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
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	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04426	LU04426 M.C.S. ENTRIES = ++PTF (LU04426) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CPSAK00) SUP (LT04426) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04427	LU04427 M.C.S. ENTRIES = ++PTF (LU04427) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CPUTK00) PRE (LU03579) SUP (LT04427) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04428	LU04428 M.C.S. ENTRIES = ++PTF (LU04428) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CPXNK00) SUP (LT04428) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04429	LU04429 M.C.S. ENTRIES = ++PTF (LU04429) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CRCMK00) SUP (LT04429) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04430	LU04430 M.C.S. ENTRIES = ++PTF (LU04430) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC (PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CRCQK00) SUP (LT04430) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCSK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04431	LU04431 M.C.S. ENTRIES = ++PTF (LU04431) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CRCSK00) SUP (LT04431) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04432	LU04432 M.C.S. ENTRIES = ++PTF (LU04432) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CRCUK00) SUP (LT04432) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04433	LU04433 M.C.S. ENTRIES = ++PTF (LU04433) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CRCXK00) SUP (LT04433) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04434	LU04434 M.C.S. ENTRIES = ++PTF (LU04434) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CTGRK00) SUP (LT04434) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	<pre> ++IF FMID(COFSK00) REQ(LU04413) . ++IF FMID(CPBAK00) REQ(LU04414) . ++IF FMID(CPDAK00) REQ(LU04415) . ++IF FMID(CPDTK00) REQ(LU04416) . ++IF FMID(CPLAK00) REQ(LU04419) . ++IF FMID(CPPAK00) REQ(LU04420) . ++IF FMID(CPRAK00) REQ(LU04421) . ++IF FMID(CPRFK00) REQ(LU04422) . ++IF FMID(CPRFK01) REQ(LU04423) . ++IF FMID(CPRFK02) REQ(LU04424) . ++IF FMID(CPRRK00) REQ(LU04425) . ++IF FMID(CPSAK00) REQ(LU04426) . ++IF FMID(CPXNK00) REQ(LU04428) . ++IF FMID(CRCMK00) REQ(LU04429) . ++IF FMID(CRCQK00) REQ(LU04430) . ++IF FMID(CRC SK00) REQ(LU04431) . ++IF FMID(CRCUK00) REQ(LU04432) . ++IF FMID(CRCXK00) REQ(LU04433) . ++IF FMID(CUTSK00) REQ(LU04436) . ++IF FMID(CAHOK00) REQ(LU04409) . ++HOLD (LU04434) SYSTEM FMID(CTGRK00) REASON (DDDEF) DATE (22026) COMMENT (+-----+ Snapshot General Services Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Create new target and distribution data sets +-----+-----+ USERS Installer AFFECTED +-----+-----+ KNOWLEDGE JCL, SMP/E REQUIRED +-----+-----+ ACCESS SMP/E environment REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. This sysmod can be installed in either a Db2 Tools environment or an IMS Tools environment. In a Db2 Tools environment, ignore the rest of this hold data. You should take no action (the data sets already exist). In an IMS Tools environment, continue with the next steps. 2. Run this step to create the new target and distribution data sets. Change "PRODHLQ" to the high level qualifier(s) of your SMP/E data sets. Specify appropriate SMS information to create the data set on an appropriate volume. //CREATE EXEC PGM=IEFBR14 //CDBAXML DD DISP=(,CATLG) , // DSN=PRODHLQ.CDBAXML, </pre>

Service	Details
	<pre>// RECFM=VB,LRECL=512,BLKSIZE=32760, // DSNTYPE=LIBRARY, // * VOL=SER=XXXXXX,UNIT=YYYYYY, // MGMTCLAS=xxx,STORCLAS=xxx,DATACLAS=xxx // SPACE=(TRK,(30,30,50)) //ADBXML DD DISP=(,CATLG), // DSN=PRODHLQ.ADBAXML, // RECFM=VB,LRECL=512,BLKSIZE=32760, // DSNTYPE=LIBRARY, // * VOL=SER=XXXXXX,UNIT=YYYYYY, // MGMTCLAS=xxx,STORCLAS=xxx,DATACLAS=xxx // SPACE=(TRK,(30,30,50))</pre> 3. Run this step to define the new target and distribution data sets to SMP/E. Specify the name of your SMP/E CSI on the SMPCSI DD statement. Make sure the SET BDY statement has the name of your target and distribution zone (default is CAIT0 and CAID0). Change "PRODHLQ" to the high level qualifier(s) you used in the previous step. The step should end with a return code of zero. <pre>//SMPE EXEC PGM=GIMSMP //SMPCSI DD DISP=SHR,DSN=PRODHLQ.CSI //SMPCNTL DD * SET BDY(CAIT0). UCLIN. ADD DDDEF(CDBAXML) DA (PRODHLQ.CDBAXML) SHR . ADD DDDEF(ADBAXML) DA (PRODHLQ.ADBAXML) SHR . ENDUCL. SET BDY(CAID0). UCLIN. ADD DDDEF(ADBAXML) DA (PRODHLQ.ADBAXML) SHR . ENDUCL. //).</pre>

Service	Details
LU04435	LU04435 M.C.S. ENTRIES = ++PTF (LU04435) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CUGRK00) PRE (LU03580) SUP (LT04435) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CUTSK00) REQ(LU04436) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04436	LU04436 M.C.S. ENTRIES = ++PTF (LU04436) PTF TRACKING ELEMENT LEVEL SET DESCRIPTION: This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Database Management for Db2 for z/OS is included with this PTF. Going forward, all PTFs will contain PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Compare the PTFs applied on each LPAR using the Cross System component. * View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com. SYMPTOMS: None IMPACT: None CIRCUMVENTION: None PRODUCT(S) AFFECTED: DB2 Common Components Version 20.0 Related Problem: GEN 16000 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(PTF TRACKING ELEMENT LEVEL SET). ++VER (Z038) FMID (CUTSK00) SUP (LT04436) ++IF FMID(CINSK00) REQ(LU03520 LU04412) . ++IF FMID(CPFLK00) REQ(LU03577 LU04417) . ++IF FMID(CPFUK00) REQ(LU03578 LU04418) . ++IF FMID(CPUTK00) REQ(LU03579 LU04427) . ++IF FMID(CUGRK00) REQ(LU03580 LU04435) . ++IF FMID(CEU9K00) REQ(LU04410) . ++IF FMID(CIDBK00) REQ(LU04411) .

Service	Details
	++IF FMID(COFSK00) REQ(LU04413) .
	++IF FMID(CPBAK00) REQ(LU04414) .
	++IF FMID(CPDAK00) REQ(LU04415) .
	++IF FMID(CPDTK00) REQ(LU04416) .
	++IF FMID(CPLAK00) REQ(LU04419) .
	++IF FMID(CPPAK00) REQ(LU04420) .
	++IF FMID(CPRAK00) REQ(LU04421) .
	++IF FMID(CPRFK00) REQ(LU04422) .
	++IF FMID(CPRFK01) REQ(LU04423) .
	++IF FMID(CPRFK02) REQ(LU04424) .
	++IF FMID(CPRRK00) REQ(LU04425) .
	++IF FMID(CPSAK00) REQ(LU04426) .
	++IF FMID(CPXNK00) REQ(LU04428) .
	++IF FMID(CRCMK00) REQ(LU04429) .
	++IF FMID(CRCQK00) REQ(LU04430) .
	++IF FMID(CRC SK00) REQ(LU04431) .
	++IF FMID(CRCUK00) REQ(LU04432) .
	++IF FMID(CRCXK00) REQ(LU04433) .
	++IF FMID(CTGRK00) REQ(LU04434) .
	++IF FMID(CAHOK00) REQ(LU04409) .

Service	Details
LU04443	M.C.S. ENTRIES = ++PTF (LU04443) DROP DDL GENERATED FOR FUNCTION IS MISSING THE FUNCTION NAME PROBLEM DESCRIPTION: In RC/Compare for Db2 for z/OS (RCC), the DROP DDL generated for Function may not include the function name if the target is DDL. SYMPTOMS: DROP SPECIFIC FUNCTION QARCM6.; <== Function name is missing IMPACT: The execution will fail with SQLCODE -104. CIRCUMVENTION: Edit the script and include the Function name. PRODUCT(S) AFFECTED: RC/Migrator for Db2 for z/OS Version 20.0 Related Problem: RCM 15871 (C) 2022 Broadcom Inc and/or its subsidiaries; All rights reserved DESC(DROP DDL GENERATED FOR FUNCTION IS MISSING THE FUNCTION NAME). ++VER (Z038) FMID (CINSK00) PRE (LU03657 LU03923 LU04412) SUP (LT04226 LT04443)

Service	Details	
LU04462	LU04462 M.C.S. ENTRIES = ++PTF (LU04462)	
	PTF TRACKING ELEMENT LEVEL SET	
	PROBLEM DESCRIPTION:	
	This PTF enables you to use a feature in SYSVIEW called Product PTF Analysis. An element that contains metadata for all previously published PTFs for Common Services for Db2 for z/OS is included with this PTF.	
	Going forward, all PTFs will contain PTF tracking element metadata.	
	What is Product PTF Analysis?	
	Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to:	
	* Determine the PTFs and APARs currently applied.	
	* View detailed descriptions of published PTFs.	
	* Compare the PTFs applied on each LPAR using the Cross System component.	
	* View detailed SYSMOD information from the SMP/E CSI data set used during installation and maintenance.	
	Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information.	
	How can I view Product PTF Analysis?	
	SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" topic in the Release Notes section of the SYSVIEW documentation at https://techdocs.broadcom.com .	
	SYMPTOMS:	
	None	
	IMPACT:	
	None	
	CIRCUMVENTION:	
	None	
	PRODUCT(S) AFFECTED:	
	Common SQL Services for Db2 for z/OS	Version 1.0
	Related Problem:	
	SQ2 16016	
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	DESC (PTF TRACKING ELEMENT LEVEL SET) .	
	++VER (Z038)	
	FMID (CSQ2100)	
	SUP (LT04462)	
	++IF FMID(CINSK00) REQ(LU04412) .	
	MCS LU02151	STARTS ON PAGE 0003
	MCS LU03822	STARTS ON PAGE 0006
	MCS LU04004	STARTS ON PAGE 0008
	MCS LU04006	STARTS ON PAGE 0010
	MCS LU04082	STARTS ON PAGE 0011
	MCS LU04084	STARTS ON PAGE 0013

Service	Details		
	MCS	LU04085	STARTS ON PAGE 0019
	MCS	LU04097	STARTS ON PAGE 0023
	MCS	LU04100	STARTS ON PAGE 0024
	MCS	LU04121	STARTS ON PAGE 0025
	MCS	LU04122	STARTS ON PAGE 0026
	MCS	LU04123	STARTS ON PAGE 0027
	MCS	LU04136	STARTS ON PAGE 0028
	MCS	LU04146	STARTS ON PAGE 0029
	MCS	LU04149	STARTS ON PAGE 0030
	MCS	LU04150	STARTS ON PAGE 0042
	MCS	LU04151	STARTS ON PAGE 0043
	MCS	LU04159	STARTS ON PAGE 0044
	MCS	LU04160	STARTS ON PAGE 0045
	MCS	LU04161	STARTS ON PAGE 0046
	MCS	LU04167	STARTS ON PAGE 0047
	MCS	LU04202	STARTS ON PAGE 0048
	MCS	LU04217	STARTS ON PAGE 0048
	MCS	LU04220	STARTS ON PAGE 0050
	MCS	LU04221	STARTS ON PAGE 0053
	MCS	LU04222	STARTS ON PAGE 0056
	MCS	LU04229	STARTS ON PAGE 0057
	MCS	LU04230	STARTS ON PAGE 0058
	MCS	LU04231	STARTS ON PAGE 0063
	MCS	LU04232	STARTS ON PAGE 0073
	MCS	LU04243	STARTS ON PAGE 0080
	MCS	LU04244	STARTS ON PAGE 0081
	MCS	LU04262	STARTS ON PAGE 0083
	MCS	LU04263	STARTS ON PAGE 0084
	MCS	LU04264	STARTS ON PAGE 0086
	MCS	LU04282	STARTS ON PAGE 0087
	MCS	LU04287	STARTS ON PAGE 0088
	MCS	LU04339	STARTS ON PAGE 0091
	MCS	LU04354	STARTS ON PAGE 0093
	MCS	LU04355	STARTS ON PAGE 0094
	MCS	LU04356	STARTS ON PAGE 0097
	MCS	LU04357	STARTS ON PAGE 0099
	MCS	LU04358	STARTS ON PAGE 0101
	MCS	LU04371	STARTS ON PAGE 0103
	MCS	LU04374	STARTS ON PAGE 0104
	MCS	LU04376	STARTS ON PAGE 0106
	MCS	LU04399	STARTS ON PAGE 0107
	MCS	LU04400	STARTS ON PAGE 0108
	MCS	LU04405	STARTS ON PAGE 0108
	MCS	LU04409	STARTS ON PAGE 0109
	MCS	LU04411	STARTS ON PAGE 0111
	MCS	LU04412	STARTS ON PAGE 0116
	MCS	LU04413	STARTS ON PAGE 0131
	MCS	LU04414	STARTS ON PAGE 0134
	MCS	LU04415	STARTS ON PAGE 0136
	MCS	LU04416	STARTS ON PAGE 0139
	MCS	LU04417	STARTS ON PAGE 0143
	MCS	LU04418	STARTS ON PAGE 0147
	MCS	LU04419	STARTS ON PAGE 0150
	MCS	LU04420	STARTS ON PAGE 0154

Service	Details		
	MCS	LU04421	STARTS ON PAGE 0157
	MCS	LU04422	STARTS ON PAGE 0159
	MCS	LU04425	STARTS ON PAGE 0162
	MCS	LU04426	STARTS ON PAGE 0165
	MCS	LU04427	STARTS ON PAGE 0168
	MCS	LU04428	STARTS ON PAGE 0172
	MCS	LU04429	STARTS ON PAGE 0174
	MCS	LU04430	STARTS ON PAGE 0176
	MCS	LU04431	STARTS ON PAGE 0179
	MCS	LU04432	STARTS ON PAGE 0181
	MCS	LU04433	STARTS ON PAGE 0184
	MCS	LU04434	STARTS ON PAGE 0186
	MCS	LU04435	STARTS ON PAGE 0190
	MCS	LU04436	STARTS ON PAGE 0194
	MCS	LU04443	STARTS ON PAGE 0196
	MCS	LU04462	STARTS ON PAGE 0197

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

The CA RS 2202 Product/Component Count for this release is 27

CA RS Level	Service	FMID
CAR2202	LU04462	CSQ2100
	LU04443	CINSK00
	LU04436	CUTSK00
	LU04435	CUGRK00
	LU04434	CTGRK00
	LU04433	CRCXK00
	LU04432	CRCUK00
	LU04431	CRC SK00
	LU04430	CRCQK00
	LU04429	CRCMK00
	LU04428	CPXNK00
	LU04427	CPUTK00
	LU04426	CPSAK00
	LU04425	CPRRK00
	LU04422	CPRFK00
	LU04421	CPRAK00
	LU04420	CPPAK00
	LU04419	CPLAK00
	LU04418	CPFUK00
	LU04417	CPFLK00
	LU04416	CPDTK00
	LU04415	CPDAK00
	LU04414	CPBAK00
	LU04413	COFSK00
	LU04412	CINSK00
	LU04411	CIDBK00
	LU04409	CAHOK00
	LU04405	CINSK00
	LU04400	CINSK00
	LU04399	CINSK00
	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

CA RS Level	Service	FMID
	LU04231	CPDTK00
	LU04230	CINSK00
	LU04229	CIDBK00
	LU04222	CIDBK00
	LU04221	CPDAK00
	LU04220	CINSK00
	LU04217	CIDBK00
	LU04202	COFSK00
	LU04167	CINSK00
	LU04161	CPUTK00
	LU04160	CPFUK00
	LU04159	CPFLK00
	LU04151	CRCXK00
	LU04150	CRCUK00
	LU04149	CINSK00
	LU04146	CINSK00
	LU04136	CINSK00
	LU04123	CPUTK00
	LU04122	CPDAK00
	LU04121	CINSK00
	LU04100	CIDBK00
	LU04097	CIDBK00
	LU04085	COFSK00
	LU04084	CINSK00
	LU04082	CINSK00
	LU04006	CINSK00
	LU04004	CPLAK00
	LU03822	CPPAK00
	LU02151	CINSK00
CAR2201	LU04094	CINSK00
	LU04027	CIDBK00
	LU04026	CIDBK00
	LU04015	CPDTK00
	LU03998	CPDTK00
	LU03997	CINSK00
	LU03961	CINSK00
	LU03955	CINSK00
	LU03954	CIDBK00
	LU03953	CINSK00
	LU03952	CINSK00
	LU03935	CRCQK00
	LU03929	CIDBK00
	LU03926	CRCXK00
	LU03925	CPLAK00
	LU03924	COFSK00
	LU03923	CINSK00
	LU03918	CPSAK00

CA RS Level	Service	FMID
	LU03917	CPDTK00
	LU03907	CINSK00
	LU03879	CINSK00
	LU03878	CINSK00
	LU03869	CINSK00
	LU03859	CUGRK00
	LU03856	CINSK00
	LU03847	CPUTK00
	LU03846	CPFLK00
	LU03838	CINSK00
	LU03827	CPFUK00
	LU03814	CPDAK00
	LU03813	CINSK00
	LU03809	CPDTK00
	LU03808	CINSK00
	LU03789	CINSK00
	LU03788	CINSK00
	LU03762	CPDAK00
	LU03761	CINSK00
	LU03760	CSQ2100
	LU03759	CUGRK00
	LU03749	CPLAK00
	LU03742	CPFLK00
	LU03735	CUGRK00
	LU03734	CPUTK00
	LU03733	CPRRK00
	LU03732	CPFUK00
	LU03731	CPLAK00
	LU03712	CINSK00
	LU03710	CPDTK00
	LU03709	CINSK00
	LU03706	CPRAK00
	LU03703	CINSK00
	LU03691	CINSK00
	LU03686	CPUTK00
	LU03685	CPRRK00
	LU03684	CPFLK00
	LU03664	CRCXK00
	LU03663	CRCUK00
	LU03662	CRCQK00
	LU03661	CRCMK00
	LU03660	CPLAK00
	LU03659	COFSK00
	LU03657	CINSK00
	LU03499	CINSK00
CAR2112	LU03680	CPDAK00
	LU03673	CIDBK00

CA RS Level	Service	FMID
	LU03667	CRCUK00
	LU03666	CINSK00
	LU03629	CINSK00
	LU03601	CPSAK00
	LU03580	CUGRK00
	LU03579	CPUTK00
	LU03578	CPFUK00
	LU03577	CPFLK00
	LU03520	CINSK00
	LU03519	CPUTK00
	LU03500	CPLAK00
	LU03492	CPLAK00
	LU03463	CINSK00
	LU03461	CPDTK00
	LU03455	CIDBK00
	LU03453	CIDBK00
	LU03443	CUGRK00
	LU03437	CRCUK00
	LU03435	CIDBK00
	LU03417	CINSK00
	LU03406	CPDTK00
	LU03401	CPUTK00
	LU03400	CPRRK00
	LU03399	CPFLK00
	LU03391	CINSK00
	LU03386	CPDTK00
	LU03384	CPFUK00
	LU03367	CINSK00
	LU03353	CPFUK00
	LU03348	CIDBK00
	LU03344	CUGRK00
	LU03338	CPPAK00
	LU03337	CINSK00
	LU03326	CUGRK00
	LU03324	CUGRK00
	LU03323	CPUTK00
	LU03318	CRCXK00
	LU03317	CRCQK00
	LU03316	CPLAK00
	LU03315	COFSK00
	LU03314	CINSK00
	LU03309	CINSK00
	LU03308	CRCQK00
	LU03291	CINSK00
	LU03286	CIDBK00
	LU03282	CPLAK00
	LU03265	CPFUK00

CA RS Level	Service	FMID
	LU03252	CIDBK00
	LU02861	CINSK00
CAR2111	LU03261	CPDTK00
	LU03259	CINSK00
	LU03256	CIDBK00
	LU03250	CPLAK00
	LU03235	CUGRK00
	LU03234	CPUTK00
	LU03233	CPRRK00
	LU03232	CPFUK00
	LU03231	CPFLK00
	LU03228	CPLAK00
	LU03221	CINSK00
	LU03220	CRCQK00
	LU03214	CUGRK00
	LU03213	CPUTK00
	LU03212	CPRRK00
	LU03211	CPFUK00
	LU03210	CPFLK00
	LU03209	CINSK00
	LU03195	CIDBK00
	LU03192	CPUTK00
	LU03191	CPFLK00
	LU03190	CINSK00
	LU03187	CPUTK00
	LU03186	CUGRK00
	LU03162	CIDBK00
	LU03152	CPDAK00
	LU03146	CIDBK00
	LU03142	CINSK00
	LU03116	CPSAK00
	LU03101	CPBAK00
	LU03093	CPDTK00
	LU03091	CIDBK00
	LU03073	CUGRK00
	LU03035	CPDAK00
	LU03034	CPRRK00
	LU03033	CPUTK00
	LU03032	CPFUK00
	LU03023	CIDBK00
	LU03018	CPDTK00
	LU02985	CIDBK00
	LU02979	CPLAK00
	LU02945	CINSK00
	LU02886	CIDBK00
	LU02816	CPLAK00
	LU02728	CPUTK00

CA RS Level	Service	FMID
	LU02727	CPFUK00
	LU02726	CINSK00
	LU02712	CUGRK00
CAR2110	SO14389	CIDBK00
	LU02944	CPDTK00
	LU02894	CRCQK00
	LU02866	COFSK00
	LU02841	CIDBK00
	LU02829	CIDBK00
	LU02813	CINSK00
	LU02808	CINSK00
	LU02800	CIDBK00
	LU02796	CPDTK00
	LU02785	CPDAK00
	LU02767	CPLAK00
	LU02762	CUGRK00
	LU02708	CIDBK00
	LU02706	CPDTK00
	LU02665	CRCQK00
	LU02661	CINSK00
	LU02646	CIDBK00
	LU02642	CIDBK00
	LU02641	CPFLK00
	LU02634	CIDBK00
	LU02633	COFSK00
	LU02614	CINSK00
	LU02609	CINSK00
	LU02597	CRCQK00
	LU02577	CPBAK00
	LU02516	CIDBK00
	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

CA RS Level	Service	FMID
	LU02437	COFSK00
	LU02436	CPPAK00
	LU02428	CIDBK00
	LU02420	CINSK00
	LU02387	COFSK00
	LU02385	CUGRK00
	LU02383	CINSK00
	LU02381	CPLAK00
	LU02363	CINSK00
	LU02345	CINSK00
	LU02340	CIDBK00
	LU02335	CPFUK00
	LU02325	CIDBK00
	LU02307	CUGRK00
	LU02303	CIDBK00
	LU02290	CPDTK00
	LU02286	CPDTK00
	LU02271	CPDTK00
	LU02258	CPFLK00
	LU02243	CPFLK00
	LU02242	CINSK00
	LU02231	CPUTK00
	LU02230	CPLAK00
	LU02229	CINSK00
	LU02212	CINSK00
	LU02166	CINSK00
	LU02119	CTGRK00
	LU02118	CIDBK00
	LU02116	CINSK00
	LU02095	CPDAK00
CAR2108	LU02220	CPDTK00
	LU02213	CPLAK00
	LU02211	CRCUK00
	LU02197	CINSK00
	LU02164	CINSK00
	LU02143	CUTSK00
	LU02142	CIDBK00
	LU02133	CPSAK00
	LU02132	CPDTK00
	LU02131	CINSK00
	LU02124	CINSK00
	LU02117	CINSK00
	LU02108	CPDTK00
	LU02096	CIDBK00
	LU02093	CIDBK00
	LU02062	CPLAK00
	LU02061	CINSK00

CA RS Level	Service	FMID
	LU02053	CINSK00
	LU02048	CUGRK00
	LU02033	CIDBK00
	LU02031	CIDBK00
	LU02030	CRCQK00
	LU02029	CINSK00
	LU02008	CPFLK00
	LU02007	CPUTK00
	LU02006	CPFUK00
	LU02005	CINSK00
	LU01999	CINSK00
	LU01998	CUGRK00
	LU01997	CTGRK00
	LU01996	CRCXK00
	LU01995	CRCUK00
	LU01994	CRC SK00
	LU01993	CRCQK00
	LU01992	CPXNK00
	LU01991	CPUTK00
	LU01990	CPSAK00
	LU01989	CPRRK00
	LU01988	CPRFK00
	LU01987	CPRAK00
	LU01986	CPPAK00
	LU01985	CPLAK00
	LU01984	CPFUK00
	LU01983	CPFLK00
	LU01982	CPDTK00
	LU01981	CPDAK00
	LU01980	CPBAK00
	LU01979	COFSK00
	LU01978	CINSK00
	LU01977	CIDBK00
	LU01975	CAHOK00
	LU01958	CINSK00
	LU01950	CPLAK00
	LU01949	CINSK00
	LU01944	CRCXK00
	LU01939	CPFUK00
	LU01937	COFSK00
	LU01936	CUGRK00
	LU01934	CINSK00
	LU01933	CPDTK00
	LU01930	CPUTK00
	LU01927	CINSK00
	LU01922	CINSK00
	LU01845	CIDBK00

CA RS Level	Service	FMID
	LU01832	COFSK00
	LU01784	CINSK00
	LU01290	CINSK00
CAR2107	LU01893	CUGRK00
	LU01892	CPPAK00
	LU01891	CINSK00
	LU01869	CPLAK00
	LU01860	CPDAK00
	LU01841	CPDTK00
	LU01837	CINSK00
	LU01829	CIDBK00
	LU01799	CPDTK00
	LU01760	CINSK00
	LU01757	CINSK00
	LU01750	CIDBK00
	LU01732	CPSAK00
	LU01727	CPFUK00
	LU01720	CPFLK00
	LU01717	CUGRK00
	LU01706	CRCQK00
	LU01705	CINSK00
	LU01696	CINSK00
	LU01695	CPRAK00
	LU01694	CINSK00
	LU01683	CINSK00
	LU01673	CINSK00
	LU01666	CIDBK00
	LU01648	CINSK00
	LU01626	CPDAK00
	LU01625	CINSK00
	LU01610	CINSK00
	LU01581	CIDBK00
	LU01575	CINSK00
	LU01556	CIDBK00
	LU01551	CPPAK00
	LU01550	CINSK00
	LU01543	CPSAK00
	LU01542	CPDTK00
	LU01541	CIDBK00
	LU01538	CPLAK00
	LU01534	CUGRK00
	LU01526	CINSK00
	LU01525	CIDBK00
	LU01513	CIDBK00
	LU01508	CINSK00
	LU01405	CINSK00
	LU01362	CINSK00

CA RS Level	Service	FMID
CAR2106	LU01357	CINSK00
	LU01494	CINSK00
	LU01467	CPDTK00
	LU01432	CSQ2100
	LU01415	CPLAK00
	LU01410	CRCQK00
	LU01396	CPDTK00
	LU01393	CPDTK00
	LU01385	CPLAK00
	LU01384	CINSK00
	LU01380	CPUTK00
	LU01379	CPFLK00
	LU01378	CINSK00
	LU01376	CINSK00
	LU01367	CINSK00
	LU01352	CPUTK00
	LU01351	CPRRK00
	LU01350	CPFUK00
	LU01349	CPFLK00
	LU01338	CPDAK00
	LU01330	CRCQK00
	LU01321	CPRFK00
	LU01311	CPFUK00
	LU01293	CIDBK00
	LU01292	CUGRK00
	LU01291	CPUTK00
	LU01286	CINSK00
	LU01275	CINSK00
	LU01265	CINSK00
	LU01222	COFSK00
	LU01215	CPDTK00
	LU01208	CRCQK00
	LU01182	CUGRK00
	LU01181	CPRAK00
	LU01180	CPLAK00
	LU01179	COFSK00
	LU01178	CINSK00
	LU01175	CIDBK00
	LU01166	CIDBK00
	LU01165	CPFUK00
	LU01164	CIDBK00
	LU01151	CINSK00
	LU01135	CUGRK00
	LU01127	CUGRK00
	LU01122	COFSK00
	LU01121	CINSK00
	LU01118	CINSK00

CA RS Level	Service	FMID
	LU01107	COFSK00
	LU01106	CINSK00
	LU01102	CPRFK00
	LU01089	CPDAK00
	LU01043	CPLAK00
	LU00983	CPFLK00
CAR2105	LU01126	CPDAK00
	LU01100	CIDBK00
	LU01068	CPPAK00
	LU01056	CINSK00
	LU01053	COFSK00
	LU01042	CIDBK00
	LU01041	CIDBK00
	LU01040	CPLAK00
	LU01039	CINSK00
	LU01035	CIDBK00
	LU01030	CIDBK00
	LU01002	CPDTK00
	LU00989	CINSK00
	LU00982	CIDBK00
	LU00973	CUGRK00
	LU00968	CINSK00
	LU00964	CIDBK00
	LU00940	CPLAK00
	LU00938	CPDTK00
	LU00937	CINSK00
	LU00925	CINSK00
	LU00923	CPUTK00
	LU00921	CINSK00
	LU00914	CINSK00
	LU00903	CPLAK00
	LU00891	CPDAK00
	LU00890	CINSK00
	LU00887	CPUTK00
	LU00886	CPFUK00
	LU00882	CPLAK00
	LU00881	CIDBK00
	LU00863	CPFUK00
	LU00859	CPSAK00
	LU00858	CPDTK00
	LU00847	CINSK00
	LU00839	CINSK00
	LU00795	CUGRK00
	LU00794	CINSK00
	LU00769	CRCXK00
	LU00768	CPDTK00
	LU00759	CPLAK00

CA RS Level	Service	FMID
	LU00698	CINSK00
	LU00697	CIDBK00
	LU00678	CINSK00
	LU00592	CINSK00
	LU00581	CPRFK00
CAR2104	LU00728	CUGRK00
	LU00727	CPUTK00
	LU00726	CPRRK00
	LU00725	CPLAK00
	LU00724	CPFLK00
	LU00723	CINSK00
	LU00689	CUGRK00
	LU00684	CPDTK00
	LU00672	CPLAK00
	LU00659	CSQ2100
	LU00646	CPPAK00
	LU00645	CPBAK00
	LU00644	COFSK00
	LU00643	CINSK00
	LU00639	CINSK00
	LU00635	CPDAK00
	LU00613	CINSK00
	LU00597	CPLAK00
	LU00576	CPSAK00
	LU00568	CINSK00
	LU00565	CSQ2100
	LU00549	CPDTK00
	LU00545	CIDBK00
	LU00532	CRCQK00
	LU00531	COFSK00
	LU00530	CINSK00
	LU00524	CPDTK00
	LU00523	CINSK00
	LU00511	CRCUK00
	LU00510	CINSK00
	LU00509	CINSK00
	LU00508	CINSK00
	LU00500	CPSAK00
	LU00480	CPLAK00
	LU00475	CPDAK00
	LU00452	CPRRK00
	LU00450	CRCXK00
	LU00449	CRCUK00
	LU00448	CRCMK00
	LU00447	CPFUK00
	LU00446	CINSK00
	LU00440	CPPAK00

CA RS Level	Service	FMID
	LU00439	CPBAK00
	LU00438	CINSK00
	LU00437	CPUTK00
	LU00436	CPFLK00
	LU00435	CINSK00
	LU00434	CIDBK00
	LU00433	CRCUK00
	LU00432	CINSK00
	LU00427	CIDBK00
	LU00426	CINSK00
	LU00413	CRCQK00
	LU00412	CINSK00
	LU00411	CRCXK00
	LU00402	CPDTK00
	LU00400	CPRFK00
	LU00399	CINSK00
	LU00381	CPDAK00
	LU00368	CINSK00
	LU00359	CINSK00
	LU00342	CRCXK00
	LU00341	CRCUK00
	LU00340	CRC SK00
	LU00339	CRCQK00
	LU00338	CRCMK00
	LU00337	CPUTK00
	LU00336	CPRAK00
	LU00335	CPLAK00
	LU00334	CPDTK00
	LU00333	CPDAK00
	LU00332	CINSK00
	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

CA RS Level	Service	FMID
	LU00329	CPDTK00
	LU00282	CIDBK00
	LU00281	CPFUK00
	LU00257	CPDAK00
	LU00256	CPDAK00
	LU00254	CINSK00
	LU00253	CIDBK00
	LU00250	CPRFK00
	LU00248	CPUTK00
	LU00247	CPFLK00
	LU00246	CIDBK00
	LU00242	CINSK00
	LU00240	CPDTK00
	LU00238	CPLAK00
	LU00237	CINSK00
	LU00227	CINSK00
	LU00217	CPFUK00
	LU00216	CINSK00
	LU00207	CPRFK00
	LU00194	CPUTK00
	LU00178	CPFLK00
	LU00176	CPDTK00
	LU00165	CPLAK00
	LU00162	CINSK00
	LU00159	CIDBK00
	LU00152	CUGRK00
	LU00147	CRCQK00
	LU00146	CPDAK00
	LU00145	CINSK00
	LU00141	CUGRK00
	LU00140	CPUTK00
	LU00139	CPRRK00
	LU00138	CPLAK00
	LU00137	CPFUK00
	LU00136	CPFLK00
	LU00135	CINSK00
	LU00134	CIDBK00
	LU00133	CPUTK00
	LU00132	CPLAK00
	LU00131	CINSK00
	LU00127	CINSK00
	LU00124	CPDTK00
	LU00123	CINSK00
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00

CA RS Level	Service	FMID
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	S016217	CPUTK00
	S016206	CPDAK00
	S016205	CINSK00
	S016200	CIDBK00
	S016195	CPFUK00
	S016194	CINSK00
	S016183	CINSK00
	S016181	CUGRK00
	S016176	CINSK00
	S016175	CPSAK00
	S016174	CPDTK00
	S016173	CINSK00
	S016165	CPRFK00
	S016160	CPRRK00
	S016149	CPRFK00
	S016133	COFSK00
	S016132	CINSK00
	S016116	CIDBK00
	S016113	CPDTK00
	S016107	CIDBK00
	S016090	CPUTK00
	S016089	CPFLK00
	S016088	CINSK00
	S016075	CPLAK00
	S016071	CRCQK00
	S016067	CINSK00
	S016057	CIDBK00
	S016053	CINSK00
	S016046	CIDBK00
	S016045	CINSK00
	S015980	CINSK00
	S015952	CIDBK00
	S015864	CINSK00
CAR2101	S016040	CINSK00
	S016032	CINSK00
	S016031	CINSK00
	S016024	CINSK00
	S016001	CINSK00
	S015998	CINSK00
	S015939	CPUTK00
	S015938	CPFLK00
	S015937	CINSK00
	S015935	CPSAK00
	S015931	CIDBK00

CA RS Level	Service	FMID
	S015927	CPDTK00
	S015913	CIDBK00
	S015908	CINSK00
	S015895	CPLAK00
	S015868	CINSK00
	S015867	CINSK00
	S015863	CINSK00
	S015843	CPDTK00
	S015816	CRCQK00
	S015807	CRCXK00
	S015806	CRCUK00
	S015805	CPFUK00
	S015804	CINSK00
	S015789	CINSK00
	S015775	CPRFK00
	S015774	CPRFK00
	S015770	CINSK00
	S015761	CIDBK00
	S015760	CINSK00
	S015711	CUGRK00
	S015710	CPUTK00
	S015709	CINSK00
CAR2012	S015771	CPFLK00
	S015767	CPFUK00
	S015740	CPUTK00
	S015739	CPRRK00
	S015738	CPFLK00
	S015723	CPDTK00
	S015697	CRCQK00
	S015691	CPPAK00
	S015690	CINSK00
	S015652	CPUTK00
	S015650	COFSK00
	S015647	CIDBK00
	S015613	CINSK00
	S015609	CUGRK00
	S015585	CPRRK00
	S015573	CPDTK00
	S015541	CPUTK00
	S015531	CPLAK00
	S015506	CINSK00
	S015499	CPDTK00
	S015487	CUGRK00
	S015486	CPUTK00
	S015485	CPRRK00
	S015484	CPFLK00
	S015483	CPDAK00

CA RS Level	Service	FMID
	S015482	CINSK00
	S015480	CUTSK00
	S015457	CPUTK00
	S015456	CPLAK00
	S015455	CINSK00
	S015450	CRCQK00
	S015449	CINSK00
	S015444	CINSK00
	S015440	COFSK00
	S015395	CPDTK00
	S015394	CINSK00
	S015193	CINSK00
CAR2011	S015314	CPUTK00
	S015313	CPRRK00
	S015312	CPFLK00
	S015311	CINSK00
	S015308	CUGRK00
	S015271	CPUTK00
	S015255	CPRFK00
	S015254	CIDBK00
	S015238	CPUTK00
	S015237	CPRRK00
	S015236	CPFUK00
	S015235	CPFLK00
	S015225	COFSK00
	S015220	CPLAK00
	S015215	CINSK00
	S015205	CINSK00
	S015199	CPDTK00
	S015191	CRCMK00
	S015184	CSQ2100
	S015174	CPUTK00
	S015132	CINSK00
	S015130	CPDAK00
	S015129	CINSK00
	S015124	CPRRK00
	S015122	CINSK00
	S015094	CPSAK00
	S015086	CPFUK00
	S015075	CINSK00
	S015074	CPUTK00
	S015073	CPDTK00
	S015072	CINSK00
	S015070	CIDBK00
	S015064	CPLAK00
	S015062	COFSK00
	S015061	CINSK00

CA RS Level	Service	FMID
	S015049	CIDBK00
	S015045	CINSK00
	S015031	CINSK00
	S015015	CPFLK00
	S015004	CINSK00
CAR2010	S014984	CPFUK00
	S014949	CPLAK00
	S014923	CIDBK00
	S014902	CPPAK00
	S014901	CINSK00
	S014899	CINSK00
	S014883	CIDBK00
	S014876	CINSK00
	S014874	CINSK00
	S014866	CPLAK00
	S014865	CINSK00
	S014864	CIDBK00
	S014863	CUGRK00
	S014861	CPSAK00
	S014860	CPDTK00
	S014859	CINSK00
	S014853	CIDBK00
	S014843	CIDBK00
	S014842	CPRFK00
	S014836	CPBAK00
	S014835	CINSK00
	S014833	CRCUK00
	S014832	CINSK00
	S014827	CINSK00
	S014782	CPDTK00
	S014773	CPUTK00
	S014772	CPFLK00
	S014771	CINSK00
	S014756	CINSK00
	S014754	CIDBK00
	S014732	CPDAK00
	S014731	CINSK00
	S014721	CINSK00
	S014716	CINSK00
	S014694	CPFLK00
	S014681	CPSAK00
	S014680	CPDTK00
	S014675	CPRFK00
	S014655	COFSK00
	S014642	CIDBK00
CAR2009	S014641	CUGRK00
	S014640	CPRRK00

CA RS Level	Service	FMID
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	S014623	CINSK00
	S014615	CINSK00
	S014613	CPLAK00
	S014583	CINSK00
	S014570	COFSK00
	S014568	CUGRK00
	S014567	CPUTK00
	S014566	CINSK00
	S014565	CPDAK00
	S014531	CIDBK00
	S014502	CPUTK00
	S014501	CPFUK00
	S014500	CINSK00
	S014491	CINSK00
	S014483	CUGRK00
	S014452	CPLAK00
	S014433	CPFLK00
	S014428	CPUTK00
	S014427	CPFLK00
	S014426	CRCQK00
	S014404	CPRFK00
	S014401	CINSK00
	S014400	CPPAK00
	S014397	CPDTK00
	S014383	CPUTK00
	S014382	CPFUK00
	S014381	CINSK00
	S014338	CPDTK00
	S014335	CRCQK00
	S014310	CUTSK00
	S014307	CRCQK00
	S014299	CPDTK00
	S014298	CINSK00
	S014295	CINSK00
	S014282	CINSK00
	S014277	CPUTK00
	S014276	CPRRK00
	S014275	CINSK00
	S014267	CPDTK00
	S014254	CIDBK00
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00

CA RS Level	Service	FMID
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	S013888	CINSK00
CAR2008	S014252	CPFLK00
	S014235	CPDTK00
	S014173	CINSK00
	S014168	CINSK00
	S014164	CIDBK00
	S014142	CPLAK00
	S014137	CPLAK00
	S014101	CRCQK00
	S014099	CIDBK00
	S014093	CIDBK00
	S014054	CPUTK00
	S014053	CPFUK00
	S014052	CINSK00
	S014036	CUGRK00
	S014035	CPUTK00
	S014034	CPRRK00
	S014033	CPLAK00
	S014032	CPFUK00
	S014031	CPFLK00
	S014030	CPDAK00
	S014029	CINSK00
	S014025	CPFLK00
	S014016	CIDBK00
	S013990	COFSK00
	S013988	CPPAK00
	S013987	CPDTK00
	S013986	CPDAK00
	S013985	CINSK00
	S013982	CSQ2100
	S013974	CINSK00
	S013973	CINSK00
	S013961	CPUTK00
	S013960	CPFUK00
	S013930	CINSK00
	S013909	CPXNK00
	S013908	CINSK00
	S013891	CIDBK00
	S013889	CPDTK00
	S013887	CPDTK00
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00

CA RS Level	Service	FMID
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	S013825	CIDBK00
	S013814	CINSK00
	S013807	CINSK00
	S013794	CINSK00
	S013781	COFSK00
	S013768	CUGRK00
	S013767	CPUTK00
	S013766	CPFUK00
	S013765	CPFLK00
	S013764	CINSK00
	S013758	COFSK00
	S013726	CINSK00
	S013711	CINSK00
	S013709	CPUTK00
	S013708	CPRRK00
	S013707	CPFUK00
	S013706	CPFLK00
	S013574	CINSK00
CAR2007	S013761	CPDTK00
	S013730	CPRFK00
	S013718	CPLAK00
	S013717	CINSK00
	S013686	CUGRK00
	S013685	CPUTK00
	S013684	CPFUK00
	S013683	CPDAK00
	S013682	CINSK00
	S013676	CINSK00
	S013668	CRCQK00
	S013655	CPDTK00
	S013635	CPRRK00
	S013633	CPPAK00
	S013627	CUGRK00
	S013626	CPUTK00
	S013625	CPLAK00
	S013624	CINSK00
	S013616	CPDTK00
	S013596	CPUTK00
	S013586	CUGRK00
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00

CA RS Level	Service	FMID
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	S013453	CINSK00
	S013450	CPDTK00
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00
	S013340	CINSK00
	S013273	CINSK00
	S012794	CINSK00
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00
	S013234	CPLAK00
	S013230	CINSK00
	S013229	CINSK00
	S013224	CPLAK00
	S013213	CINSK00
	S013206	CUGRK00
	S013205	CPUTK00
	S013204	CPRRK00
	S013203	CPFLK00
	S013193	CINSK00
	S013176	CPRRK00
	S013175	CPFLK00
	S013154	CINSK00
	S013153	CPUTK00
	S013152	CPRRK00
	S013151	CPFUK00
	S013150	CPFLK00
	S013149	CINSK00
	S013130	CUGRK00
	S013112	CRCUK00
	S013111	CINSK00
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00

CA RS Level	Service	FMID
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	S012937	CRCXK00
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00

CA RS Level	Service	FMID
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCCK00
	S012547	CINSK00
	S012539	CPSAK00
	S012538	CPDTK00
	S012537	CINSK00
	S012536	CIDBK00
	S012530	CUGRK00
	S012529	CPUTK00
	S012528	CPRRK00
	S012527	CPFUK00
	S012526	CPFLK00
	S012525	CINSK00
	S012524	CINSK00
	S012501	CSQ2100
	S012487	CPLAK00
	S012483	CIDBK00
	S012429	CPDTK00
	S012428	CIDBK00
	S012412	COFSK00
	S012368	CPPAK00
	S012367	CINSK00
	S012366	CRCXK00
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00

CA RS Level	Service	FMID
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00

CA RS Level	Service	FMID
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00

CA RS Level	Service	FMID
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	S011693	CIDBK00
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00

CA RS Level	Service	FMID
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	S011323	CUGRK00
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00

CA RS Level	Service	FMID
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00

CA RS Level	Service	FMID
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00

CA RS Level	Service	FMID
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00

CA RS Level	Service	FMID
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCCK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	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

CA RS Level	Service	FMID
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCSK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00

CA RS Level	Service	FMID
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00
	S009125	CINSK00
	S009110	CRCXK00
	S009109	CRCUK00
	S009108	CPLAK00
	S009107	CPFUK00
	S009106	COFSK00
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	S009083	CPLAK00
	S009068	CIDBK00
	S009065	CPDTK00
	S009055	CIDBK00
	S009054	CIDBK00
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	S008766	CINSK00
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00

CA RS Level	Service	FMID
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	S008750	CINSK00
	S008728	CIDBK00
	S008684	CINSK00
	S008668	CUGRK00
	S008667	CPUTK00
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	S008644	CINSK00
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00

CA RS Level	Service	FMID
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00

CA RS Level	Service	FMID
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00
	S007856	CINSK00
CAR1904	S007826	CUGRK00
	S007825	CTGRK00
	S007824	CRCUK00
	S007823	CRCSK00
	S007822	CRCQK00
	S007821	CRCMK00
	S007820	CPUTK00
	S007819	CPSAK00
	S007818	CPRRK00
	S007815	CPRFK00
	S007814	CPPAK00
	S007813	CPLAK00
	S007812	CPFUK00
	S007811	CPFLK00
	S007810	CPDTK00
	S007809	CPDAK00
	S007808	COFSK00
	S007807	CINSK00
	S007806	CIDBK00
	S007804	CAHOK00
	S007774	CINSK00
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00

CA RS Level	Service	FMID
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00
	S007169	CINSK00
CAR1903	S007412	CINSK00
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00
	S007323	CINSK00
	S007204	CPSAK00
CAR1902	S007167	CINSK00
	S006978	CINSK00
	S006977	CIDBK00
	S006879	CUGRK00
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCSK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00

CA RS Level	Service	FMID
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00

CA RS Level	Service	FMID
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00
	S004756	CINSK00
CAR1808	S004720	CRCUK00
	S004719	CRCMK00
	S004718	CINSK00
	S004475	CUGRK00
	S004474	CTGRK00
	S004473	CRCXK00
	S004472	CRCUK00
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	S004468	CPSAK00
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00

CA RS Level	Service	FMID
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCSK00
	S001641	CPLAK00
CAR1805	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00

CA RS Level	Service	FMID
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00
	S000977	CSQ2100
	S000975	CPLAK00
	S000894	CUGRK00
	S000893	CPUTK00
	S000871	CPSAK00
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	S000846	CPRRK00
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00

CA RS Level	Service	FMID
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100
CAR1801	R099853	CRCXK00
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRCXK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00

CA RS Level	Service	FMID
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRCSK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00

CA RS Level	Service	FMID
	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