

CA DB2 Tools 20.0
CA RS 2105 Service List

1

Service	Description	Type
LU00581	COBOL V6 MIGRATION FOR CA REPORT FACILITY (PRF)	PTF
LU00592	PTLLPARM SUPPORT REMOVAL: PHASE I	PTF
LU00678	VIEWS ARE NOT IN PARENT/CHILD ORDER WHEN RUNNING GROUP ICL	PTF
LU00697	IDB2 - VALUE OF 'DATASETS CURRENTLY OPEN' MAY OVERFLOW	PTF
LU00698	SOC4 ABEND WHEN EDITING MULTIPLE PAIRED TABLES	PTF
LU00759	TABLE MASKING IN DML REDO/UNDO SQL REPORT	PTF
LU00768	DETECTOR MAY CAUSE ECSA STORAGE TO CREEP UP SLOWLY	PTF
LU00769	USE DEFAULT BLKSIZE ZERO FOR AN EXTRACT FILE	PTF
LU00794	CREATED SAMPLE JCL FOR RECOVERY ESTIMATOR	PTF
LU00795	ADDED SAMPLE JCL FOR RECOVERY SIMULATION	PTF
LU00839	MTC DBM UI AND DBM DS POST INSTALL CONFIGURATION	PTF
LU00847	POST INSTALL DATASHARING GROUP IMPROVEMENTS	PTF
LU00858	PSABATCC ABEND OC9 REASON 009	PTF
LU00859	PSABATCC ABEND OC9 REASON 009	PTF
LU00863	PFU0217E AND SOF8 ABEND WHEN UNLOADING AN IMAGE COPY	** PRP **
LU00881	IDB2 ADD STORAGE STATISTICS TO USERS COMMAND OUTPUT	PTF
LU00882	MEMORY ABOVE THE BAR USAGE TRACKING BY THE MESSAGE LAE0287I	PTF
LU00886	ZIIP SUPPORT FOR LOB COLUMNS AND ORDER BY	PTF
LU00887	ZIIP SUPPORT FOR LOB COLUMNS AND ORDER BY	PTF
LU00890	SUPPORT FOR LISTDEF IN IMAGE COPY ACTION JCL	PTF
LU00891	SUPPORT FOR LISTDEF IN IMAGE COPY ACTION JCL	PTF
LU00903	ONLINE MODE REPORT FAILS WITH MESSAGE LAE0032E/ABEND S047	PTF
LU00914	ONLINE CHECK DATA UTILITY NOT GENERATED	PTF
LU00921	SCHEDULER STARTUP VIA STRTSCHD FAILURE WITH MESSAGE PTT1131E	PTF
LU00923	SQL ERROR -438 WHEN USING OLM	PTF
LU00925	HDDL COMMAND USING ONLINE EXECUTION FAILS WITH A -438	PTF
LU00937	ECSA PARM NOT WORKING WITH USECOLLTASKS(N) FOLLOWING LU00523	PTF
LU00938	ECSA PARM NOT WORKING WITH USECOLLTASKS(N) FOLLOWING LU00523	PTF
LU00940	PANEL OPTION TO INCLUDE XML COLUMN DATA IN DML REPORTS	PTF
LU00964	USER TASKS ALL HANG IN A DATA SHARING ENVIRONMENT	*HIP/PRP*
LU00968	U0055 ABEND WHEN SYNTAX CHECKING COMMENT ON INDEX IN BATCH	PTF
LU00973	BUILD NON-PARTITIONED IX PREVIEW: YES HANGS & SIMULATE RC=8	PTF
LU00982	FIX ISSUE WITH SORT USING PF4 IN LOCKCONT REPORT	PTF
LU00989	TABLE DROP/CREATED WHEN LOB COLUMN SIZE IS INCREASED	PTF
LU01002	INCLUDE/EXCLUDE ACTIVITY FROM COLLECTION BY CONNECTION TYPE	PTF
LU01030	ARCHIVE TABLES UPDATES	PTF
LU01035	TRACE RECORD WITH 4 BYTE LENGTH CAUSES U0052-24	PTF
LU01039	NEW OPTION TO VERIFY ENVIRONMENT(VE)	PTF
LU01040	NEW OPTION TO VERIFY ENVIRONMENT(VE)	PTF
LU01041	MOVE SAVED USER HISTORY TABLES ABOVE THE BAR	PTF
LU01042	ENHANCED PROCESSING OF INCORRECTLY FORMED RECORDS IN BATCH	PTF
LU01053	NEW OPTION TO VERIFY ENVIRONMENT(VE)	PTF
LU01056	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU01068	CODE TO SUPPORT A FUTURE ENHANCEMENT IN PPA	PTF
LU01100	VALUE FOR %DSMAX FIELD ON THE HSDRAIN REPORT IS ALWAYS ZERO	PTF
LU01126	AUTOMATIC SUPPRESSION OF INDEX REORGANIZATION FAILS	PTF
The CA RS 2105 service count for this release is 46		

CA DB2 Tools
CA RS 2105 Service List for CIDBK00

2

FMID	Service	Description	Type
CIDBK00	LU00697	IDB2 - VALUE OF 'DATASETS CURRENTLY OPEN' MAY OVERFLOW	PTF
	LU00881	IDB2 ADD STORAGE STATISTICS TO USERS COMMAND OUTPUT	PTF
	LU00964	USER TASKS ALL HANG IN A DATA SHARING ENVIRONMENT	*HIP/PRP*
	LU00982	FIX ISSUE WITH SORT USING PF4 IN LOCKCONT REPORT	PTF
	LU01030	ARCHIVE TABLES UPDATES	PTF
	LU01035	TRACE RECORD WITH 4 BYTE LENGTH CAUSES U0052-24	PTF
	LU01041	MOVE SAVED USER HISTORY TABLES ABOVE THE BAR	PTF
	LU01042	ENHANCED PROCESSING OF INCORRECTLY FORMED RECORDS IN BATCH	PTF
	LU01100	VALUE FOR %DSMAX FIELD ON THE HSDRAIN REPORT IS ALWAYS ZERO	PTF
The CA RS 2105 service count for this FMID is 9			

CA DB2 Tools
CA RS 2105 Service List for CINSK00

3

FMID	Service	Description	Type
CINSK00	LU00592	PTLLPARM SUPPORT REMOVAL: PHASE I	PTF
	LU00678	VIEWS ARE NOT IN PARENT/CHILD ORDER WHEN RUNNING GROUP ICL	PTF
	LU00698	SOC4 ABEND WHEN EDITING MULTIPLE PAIRED TABLES	PTF
	LU00794	CREATED SAMPLE JCL FOR RECOVERY ESTIMATOR	PTF
	LU00839	MTC DBM UI AND DBM DS POST INSTALL CONFIGURATION	PTF
	LU00847	POST INSTALL DATASHARING GROUP IMPROVEMENTS	PTF
	LU00890	SUPPORT FOR LISTDEF IN IMAGE COPY ACTION JCL	PTF
	LU00914	ONLINE CHECK DATA UTILITY NOT GENERATED	PTF
	LU00921	SCHEDULER STARTUP VIA STRTSCHD FAILURE WITH MESSAGE PTT1131E	PTF
	LU00925	HDDL COMMAND USING ONLINE EXECUTION FAILS WITH A -438	PTF
	LU00937	ECSA PARM NOT WORKING WITH USECOLLTASKS(N) FOLLOWING LU00523	PTF
	LU00968	U0055 ABEND WHEN SYNTAX CHECKING COMMENT ON INDEX IN BATCH	PTF
	LU00989	TABLE DROP/CREATED WHEN LOB COLUMN SIZE IS INCREASED	PTF
	LU01039	NEW OPTION TO VERIFY ENVIRONMENT(VE)	PTF
	LU01056	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
The CA RS 2105 service count for this FMID is 15			

CA DB2 Tools
CA RS 2105 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	LU01053	NEW OPTION TO VERIFY ENVIRONMENT (VE)	PTF
The CA RS 2105 service count for this FMID is 1			

CA DB2 Tools
CA RS 2105 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	LU00891	SUPPORT FOR LISTDEF IN IMAGE COPY ACTION JCL	PTF
	LU01126	AUTOMATIC SUPPRESSION OF INDEX REORGANIZATION FAILS	PTF
The CA RS 2105 service count for this FMID is 2			

CA DB2 Tools
CA RS 2105 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	LU00768	DETECTOR MAY CAUSE ECSA STORAGE TO CREEP UP SLOWLY	PTF
	LU00858	PSABATCC ABEND 0C9 REASON 009	PTF
	LU00938	ECSA PARM NOT WORKING WITH USECOLLTASKS(N) FOLLOWING LU00523	PTF
	LU01002	INCLUDE/EXCLUDE ACTIVITY FROM COLLECTION BY CONNECTION TYPE	PTF
The CA RS 2105 service count for this FMID is 4			

CA DB2 Tools
CA RS 2105 Service List for CPFUK00

7

FMID	Service	Description	Type
CPFUK00	LU00863	PFU0217E AND SOF8 ABEND WHEN UNLOADING AN IMAGE COPY	** PRP **
	LU00886	ZIIP SUPPORT FOR LOB COLUMNS AND ORDER BY	PTF
The CA RS 2105 service count for this FMID is 2			

CA DB2 Tools
CA RS 2105 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	LU00759	TABLE MASKING IN DML REDO/UNDO SQL REPORT	PTF
	LU00882	MEMORY ABOVE THE BAR USAGE TRACKING BY THE MESSAGE LAE0287I	PTF
	LU00903	ONLINE MODE REPORT FAILS WITH MESSAGE LAE0032E/ABEND S047	PTF
	LU00940	PANEL OPTION TO INCLUDE XML COLUMN DATA IN DML REPORTS	PTF
	LU01040	NEW OPTION TO VERIFY ENVIRONMENT(VE)	PTF
The CA RS 2105 service count for this FMID is 5			

CA DB2 Tools
CA RS 2105 Service List for CPPAK00

FMID	Service	Description	Type
CPPAK00	LU01068	CODE TO SUPPORT A FUTURE ENHANCEMENT IN PPA	PTF
The CA RS 2105 service count for this FMID is 1			

CA DB2 Tools
CA RS 2105 Service List for CPRFK00

10

FMID	Service	Description	Type
CPRFK00	LU00581	COBOL V6 MIGRATION FOR CA REPORT FACILITY (PRF)	PTF
The CA RS 2105 service count for this FMID is 1			

CA DB2 Tools
CA RS 2105 Service List for CPSAK00

11

FMID	Service	Description	Type
CPSAK00	LU00859	PSABATCC ABEND 0C9 REASON 009	PTF
The CA RS 2105 service count for this FMID is 1			

CA DB2 Tools
CA RS 2105 Service List for CPUTK00

FMID	Service	Description	Type
CPUTK00	LU00887	ZIIP SUPPORT FOR LOB COLUMNS AND ORDER BY	PTF
	LU00923	SQL ERROR -438 WHEN USING OLM	PTF
The CA RS 2105 service count for this FMID is 2			

CA DB2 Tools
CA RS 2105 Service List for CRCXK00

13

FMID	Service	Description	Type
CRCXK00	LU00769	USE DEFAULT BLKSIZE ZERO FOR AN EXTRACT FILE	PTF
The CA RS 2105 service count for this FMID is 1			

CA DB2 Tools
CA RS 2105 Service List for CUGRK00

14

FMID	Service	Description	Type
CUGRK00	LU00795	ADDED SAMPLE JCL FOR RECOVERY SIMULATION	PTF
	LU00973	BUILD NON-PARTITIONED IX PREVIEW: YES HANGS & SIMULATE RC=8	PTF
The CA RS 2105 service count for this FMID is 2			

Service	Details																		
LU00581	LU00581 M.C.S. ENTRIES = ++PTF (LU00581) COBOL V6 MIGRATION FOR CA REPORT FACILITY (PRF) ENHANCEMENT DESCRIPTION: CA Report Facility (PRF) COBOL source code has been migrated from version 4.2 to version 6.2. Accordingly, the load libraries CDBACICS and CDBAIMS must be converted from PDS to PDSE to support this maintenance. PRODUCT(S) AFFECTED: CA Report Facility Version 20.0 Related Problem: BIPRF 13157 Copyright (C) 2021 CA. All rights reserved. R01345-D200-SP1 DESC(COBOL V6 MIGRATION FOR CA REPORT FACILITY (PRF)). ++VER (Z038) FMID (CPRFK00) PRE (LU00250 R096585 R097712 R098496 R099195 R099562 S001406 S004464 S006122 S006443 S006870 S007815 S007974 S008025 S008083 S008969 S009662 S010288 S010347 S011296 S011731 S013730 S014404 S014675 S015775 S016149 S016165 S016258) SUP (LT00400 LT00581 LU00400 ST06521 ST07280 ST07399 ST09701 ST12024) ++IF FMID(CPRFK01) REQ(LU00582) . ++IF FMID(CPRFK02) REQ(LU00583) . ++HOLD (LU00581) SYSTEM FMID(CPRFK00) REASON (ACTION) DATE (21081) COMMENT (<table border="1"> <tr> <td>CA Report Facility for TSO</td><td>Version 20.0</td></tr> </table> SEQUENCE Before Apply <table border="1"> <tr> <td>PURPOSE</td><td>The COBOL source code in CA Report Facility (PRF) has been migrated to COBOL version 6.2. PRF requires that you perform the following steps:</td></tr> <tr> <td></td><td>1. Convert your Release 20.0 CDBACICS and CDBAIMS target libraries to PDSE datasets (if they aren't already PDSEs).</td></tr> <tr> <td></td><td>2. Install COBOL V6.2 runtime support as described in IBM APAR PI84517.</td></tr> <tr> <td></td><td>3. Install IBM LE fix for APAR PH16832.</td></tr> </table> USERS AFFECTED Users of CA Report Facility (PRF) <table border="1"> <tr> <td>KNOWLEDGE</td><td>1. CA Report Facility Product Administration.</td></tr> <tr> <td>REQUIRED</td><td>2. SMP/e.</td></tr> <tr> <td></td><td>3. z/OS Job Control Language (JCL).</td></tr> <tr> <td></td><td>4. z/OS Language Environment.</td></tr> </table> ACCESS 1. Product libraries.	CA Report Facility for TSO	Version 20.0	PURPOSE	The COBOL source code in CA Report Facility (PRF) has been migrated to COBOL version 6.2. PRF requires that you perform the following steps:		1. Convert your Release 20.0 CDBACICS and CDBAIMS target libraries to PDSE datasets (if they aren't already PDSEs).		2. Install COBOL V6.2 runtime support as described in IBM APAR PI84517.		3. Install IBM LE fix for APAR PH16832.	KNOWLEDGE	1. CA Report Facility Product Administration.	REQUIRED	2. SMP/e.		3. z/OS Job Control Language (JCL).		4. z/OS Language Environment.
CA Report Facility for TSO	Version 20.0																		
PURPOSE	The COBOL source code in CA Report Facility (PRF) has been migrated to COBOL version 6.2. PRF requires that you perform the following steps:																		
	1. Convert your Release 20.0 CDBACICS and CDBAIMS target libraries to PDSE datasets (if they aren't already PDSEs).																		
	2. Install COBOL V6.2 runtime support as described in IBM APAR PI84517.																		
	3. Install IBM LE fix for APAR PH16832.																		
KNOWLEDGE	1. CA Report Facility Product Administration.																		
REQUIRED	2. SMP/e.																		
	3. z/OS Job Control Language (JCL).																		
	4. z/OS Language Environment.																		

Service	Details
	<pre> REQUIRED 2. z/OS Language Environment libraries. +-----+-----+ ***** * STEPS TO PERFORM * ***** Before performing an SMP/E APPLY of this SYSMOD: 1. Use the following JOB to convert your Release 20.0 CDBACICS and CDBAIMS target libraries to PDSE datasets: * - Change the dataset names to their local names. * * - It is fine to run this JOB even if the datasets are * * already PDSEs. * * - The JOB must run with exclusive control of the * * datasets involved in the PDS-PDSE conversion. Ensure * * that the datasets are not being accessed by other * * JOBS or programs. * * - A successful JOB execution has a return code of 4 or * * less than 4. * //STEP1 EXEC PGM=ADRDSSU,REGION=OK //SYSPRINT DD SYSOUT=* //SYSIN DD * COPY DATASET(INCLUDE('CAI.CDBACICS', 'CAI.CDBAIMS') BY(DSORG,EQ,PDS)) CONVERT(PDSE(**)) CATALOG DELETE PURGE REPLACE CANCELERROR WAIT(2,2) /* 2. 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 3. Install IBM LE fix for APAR PH16832. For information, see https://www.ibm.com/support/pages/apar/PH16832 4. To learn more about the z/OS Hardware and Software requirements for Enterprise COBOL for z/OS V6.2, refer the "Technical information" section at https://tinyurl.com/4b4sfcdm). CSECT(PIECBPB). CSECT(PIECBPX). CSECT(PIECCXB). CSECT(PIECDJD). CSECT(PIECDJN). CSECT(PIECDKK). CSECT(PIECDKS). CSECT(PIECEFL). CSECT(PIECFXB). CSECT(PIECFXJ). </pre>

Service	Details
	CSECT (PIECMQF) .
	CSECT (PIECPBB) .
	CSECT (PIECQXJ) .
	CSECT (PIECPRL) .
	CSECT (PIECSXB) .
	CSECT (PIECVXB) .
	CSECT (PIECVXR) .
	CSECT (PIEFBCS) .
	CSECT (PIEFBCT) .
	CSECT (PIEFBDF) .
	CSECT (PIEFBFN) .
	CSECT (PIEFBGR) .
	CSECT (PIEFBGT) .
	CSECT (PIEFBPC) .
	CSECT (PIEFBRX) .
	CSECT (PIEFBTT) .
	CSECT (PIEFBWP) .
	CSECT (PIEFCAF) .
	CSECT (PIEFCDT) .
	CSECT (PIEFCFN) .
	CSECT (PIEFCLS) .
	CSECT (PIEFCNC) .
	CSECT (PIEFCNV) .
	CSECT (PIEFCRL) .
	CSECT (PIEFCTT) .
	CSECT (PIEFDED) .
	CSECT (PIEFDFL) .
	CSECT (PIEFDLG) .
	CSECT (PIEFFFC) .
	CSECT (PIEFFFM) .
	CSECT (PIEFFND) .
	CSECT (PIEFGNC) .
	CSECT (PIEFGNQ) .
	CSECT (PIEFGNT) .
	CSECT (PIEFGNX) .
	CSECT (PIEFGPN) .
	CSECT (PIEFJST) .
	CSECT (PIEFMSG) .
	CSECT (PIEFPFC) .
	CSECT (PIEFPIC) .
	CSECT (PIEFPNS) .
	CSECT (PIEFRFC) .
	CSECT (PIEFRSC) .
	CSECT (PIEFRTF) .
	CSECT (PIEFSFC) .
	CSECT (PIEFSFP) .
	CSECT (PIEFSIZ) .
	CSECT (PIEFVPL) .
	CSECT (PIEFVRF) .
	CSECT (PIEFVRP) .
	CSECT (PIEFVRQ) .
	CSECT (PIEFVRS) .
	CSECT (PIEFXPC) .
	CSECT (PIEPCPU) .

Service	Details
	CSECT (PIEPPSW) .
	CSECT (PIEPTCS) .
	CSECT (PIEVFNC) .
	CSECT (PIEVFNU) .
	CSECT (PIEVHVT) .
	CSECT (PIEVNAM) .
	CSECT (PIEVPLS) .
	CSECT (PIEVPMS) .
	CSECT (PIEVVAR) .
	CSECT (PIE1DKK) .
	CSECT (PIE1FXJ) .
	CSECT (PIE1QXJ) .
	CSECT (PIE2DKK) .
	CSECT (PRFFCDS) .
	CSECT (PRFFCFX) .
	CSECT (PRFFCTV) .
	CSECT (PRFFCVT) .
	CSECT (PRFFDDD) .
	CSECT (PRFFDNM) .
	CSECT (PRFFLCM) .
	CSECT (PRFFMDT) .
	CSECT (PRFFMSL) .
	CSECT (PRFFUFN) .
	CSECT (PRFGIXF) .
	CSECT (PRFLOCS) .
	CSECT (PRFMAIN) .
	CSECT (PRFMGB) .
	CSECT (PRFMGL) .
	CSECT (PRFMGM) .
	CSECT (PRFMG1) .
	CSECT (PRFMG2) .
	CSECT (PRFNQRC) .
	CSECT (PRFQOPT) .
	CSECT (PRFSIGN) .
	CSECT (PRFSQLR) .
	CSECT (PRFSTAT) .
	CSECT (PRFSYSP) .
	CSECT (PRFTSCD) .
	CSECT (PRFUSER) .
	CSECT (PRFUSR1) .
	CSECT (PRFUSR2) .
	CSECT (PRFUSR3) .
	CSECT (PRFVDTS) .
	CSECT (PRFWFIL) .
	CSECT (PRFWXF) .
	CSECT (PRFWLIB) .
	CSECT (PRFWLNG) .
	CSECT (PRFWPRT) .
	CSECT (PRFWQXF) .
	CSECT (PRFWSTA) .
	CSECT (PRFWSTR) .
	CSECT (PRFWVAR) .
	CSECT (PRFWXCM) .
	CSECT (PRFWXID) .

Service	Details
	CSECT (PRFWXTB) .
	CSECT (PRFWXUS) .
	CSECT (PRFWYDR) .
	CSECT (PRFWYOD) .
	CSECT (PRFWYRM) .
	CSECT (PRFWYRV) .
	CSECT (PRFWZCL) .
	CSECT (PRFWZDB) .
	CSECT (PRFWZFK) .
	CSECT (PRFWZPK) .
	CSECT (PRFWZPL) .
	CSECT (PRFWZRL) .
	CSECT (PRFWZSR) .
	CSECT (PRFWZTB) .
	CSECT (PRFW8US) .
	CSECT (PRFXBDE) .
	CSECT (PRFXBTB) .
	CSECT (PRFXBTF) .
	CSECT (PRFXBTR) .
	CSECT (PRFXBTV) .
	CSECT (PRFXBTW) .
	CSECT (PRFXDTB) .
	CSECT (PRFXSDC) .
	CSECT (QRFATSO) .
	CSECT (QRFBTCS) .
	CSECT (QRFDWRM) .
	CSECT (QRFFCAF) .
	CSECT (QRFFCMD) .
	CSECT (QRFFDEF) .
	CSECT (QRFFDTS) .
	CSECT (QRFFERR) .
	CSECT (QRFFFIL) .
	CSECT (QRFFKEY) .
	CSECT (QRFFMOR) .
	CSECT (QRFFMSG) .
	CSECT (QRFFSCR) .
	CSECT (QRFFSTG) .
	CSECT (QRFFWRR) .
	CSECT (QRFFWRU) .
	CSECT (QRFGBLK) .
	CSECT (QRFGCOL) .
	CSECT (QRFGTAB) .
	CSECT (QRFGXTR) .
	CSECT (QRFHCMD) .
	CSECT (QRFHDIR) .
	CSECT (QRFHDSP) .
	CSECT (QRFHKEY) .
	CSECT (QRFHMSG) .
	CSECT (QRFHSEL) .
	CSECT (QRFHTSO) .
	CSECT (QRFICAF) .
	CSECT (QRFICPU) .
	CSECT (QRFIPSW) .
	CSECT (QRFISQR) .

Service	Details
	CSECT (QRFITCE) .
	CSECT (QRFITCW) .
	CSECT (QRFIVER) .
	CSECT (QRFLMOD) .
	CSECT (QRFLOBJ) .
	CSECT (QRFMENU) .
	CSECT (QRFMGEN) .
	CSECT (QRFMJOB) .
	CSECT (QRFMREG) .
	CSECT (QRFMRGN) .
	CSECT (QRFMRUN) .
	CSECT (QRFMSUB) .
	CSECT (QRFMUSR) .
	CSECT (QRFSCMT) .
	CSECT (QRFSHST) .
	CSECT (QRF SJOB) .
	CSECT (QRF SKEY) .
	CSECT (QRF SLIB) .
	CSECT (QRF SMOD) .
	CSECT (QRF SQXF) .
	CSECT (QRF SRGN) .
	CSECT (QRF SUSR) .
	CSECT (QRFVDSN) .
	CSECT (QRFVNAM) .
	CSECT (QRF XGEN) .
	CSECT (QRF XHST) .
	CSECT (QRF XREG) .
	CSECT (QRF XSQL) .
	CSECT (QRF XUSR) .
	CSECT (QRF XXTR) .
	CSECT (QRF YCE0) .
	CSECT (QRF YCE5) .
	CSECT (QRF YCF0) .
	CSECT (QRF YCG0) .
	CSECT (QRF YCH0) .
	CSECT (QRF YCI0) .
	CSECT (QRF YCJ0) .
	CSECT (QRF YGSB) .
	CSECT (XXX FXLB) .
	CSECT (XXX FXLL) .
	CSECT (XXX PXHA) .
	CSECT (XXX PXHC) .
	CSECT (XXX PXHE) .
	CSECT (XXX PXHG) .
	CSECT (XXX BBB) .
	CSECT (XXX BBD) .
	CSECT (XXX BBJ) .
	CSECT (XXX BBL) .
	CSECT (XXX BBP) .
	CSECT (XXX BBX) .
	CSECT (XXX BCD) .
	CSECT (XXX BDS) .
	CSECT (XXX BFB) .
	CSECT (XXX BFL) .

Service	Details
	CSECT (XXXXBJQ) .
	CSECT (XXXXBLC) .
	CSECT (XXXXBLX) .
	CSECT (XXXXBML) .
	CSECT (XXXXBMT) .
	CSECT (XXXXBPB) .
	CSECT (XXXXBPT) .
	CSECT (XXXXBRF) .
	CSECT (XXXXBRG) .
	CSECT (XXXXBRK) .
	CSECT (XXXXBRT) .
	CSECT (XXXXBRW) .
	CSECT (XXXXBSF) .
	CSECT (XXXXBSP) .
	CSECT (XXXXBWT) .
	CSECT (XXXXBXS) .
	CSECT (XXXXCFM) .
	CSECT (XXXXCMN) .
	CSECT (XXXXCMX) .
	CSECT (XXXXCPV) .
	CSECT (XXXXCQM) .
	CSECT (XXXXCQS) .
	CSECT (XXXXCRB) .
	CSECT (XXXXCRD) .
	CSECT (XXXXCRF) .
	CSECT (XXXXCRP) .
	CSECT (XXXXCSP) .
	CSECT (XXXXCSS) .
	CSECT (XXXXCTC) .
	CSECT (XXXXCTM) .
	CSECT (XXXXCXB) .
	CSECT (XXXXCXC) .
	CSECT (XXXXCXM) .
	CSECT (XXXXCXN) .
	CSECT (XXXXCXR) .
	CSECT (XXXXCXS) .
	CSECT (XXXXCXX) .
	CSECT (XXXXDBB) .
	CSECT (XXXXDBD) .
	CSECT (XXXXDBF) .
	CSECT (XXXXDBP) .
	CSECT (XXXXDBT) .
	CSECT (XXXXDBX) .
	CSECT (XXXXDJB) .
	CSECT (XXXXDJC) .
	CSECT (XXXXDJD) .
	CSECT (XXXXDJF) .
	CSECT (XXXXDJH) .
	CSECT (XXXXDJJ) .
	CSECT (XXXXDJL) .
	CSECT (XXXXDJN) .
	CSECT (XXXXDJP) .
	CSECT (XXXXDJQ) .
	CSECT (XXXXDJT) .

Service	Details
	CSECT (XXXXDJV) .
	CSECT (XXXXDJZ) .
	CSECT (XXXXDKB) .
	CSECT (XXXXDKC) .
	CSECT (XXXXDKD) .
	CSECT (XXXXDKF) .
	CSECT (XXXXDKG) .
	CSECT (XXXXDKH) .
	CSECT (XXXXDKJ) .
	CSECT (XXXXDKK) .
	CSECT (XXXXDKL) .
	CSECT (XXXXDKM) .
	CSECT (XXXXDKN) .
	CSECT (XXXXDKP) .
	CSECT (XXXXDKQ) .
	CSECT (XXXXDKR) .
	CSECT (XXXXDKS) .
	CSECT (XXXXDKT) .
	CSECT (XXXXDKV) .
	CSECT (XXXXDKW) .
	CSECT (XXXXDKX) .
	CSECT (XXXXDKZ) .
	CSECT (XXXXDLB) .
	CSECT (XXXXDNQ) .
	CSECT (XXXXDPB) .
	CSECT (XXXXDPC) .
	CSECT (XXXXDPD) .
	CSECT (XXXXDPG) .
	CSECT (XXXXDPH) .
	CSECT (XXXXDPR) .
	CSECT (XXXXDPV) .
	CSECT (XXXXDTM) .
	CSECT (XXXXFBP) .
	CSECT (XXXXFCN) .
	CSECT (XXXXFDF) .
	CSECT (XXXXFFF) .
	CSECT (XXXXFFM) .
	CSECT (XXXXFJC) .
	CSECT (XXXXFRM) .
	CSECT (XXXXFRT) .
	CSECT (XXXXFSS) .
	CSECT (XXXXFXB) .
	CSECT (XXXXFXC) .
	CSECT (XXXXFXD) .
	CSECT (XXXXFXF) .
	CSECT (XXXXFXG) .
	CSECT (XXXXFXH) .
	CSECT (XXXXFXN) .
	CSECT (XXXXFXV) .
	CSECT (XXXXFXX) .
	CSECT (XXXXGBC) .
	CSECT (XXXXGBD) .
	CSECT (XXXXGBF) .
	CSECT (XXXXGBN) .

Service	Details
	CSECT (XXXXGBP) .
	CSECT (XXXXGBX) .
	CSECT (XXXXGDD) .
	CSECT (XXXXGDM) .
	CSECT (XXXXGDN) .
	CSECT (XXXXGFD) .
	CSECT (XXXXGFP) .
	CSECT (XXXXGNS) .
	CSECT (XXXXGNV) .
	CSECT (XXXXGPD) .
	CSECT (XXXXGPN) .
	CSECT (XXXXGRM) .
	CSECT (XXXXGSX) .
	CSECT (XXXXGVR) .
	CSECT (XXXXGVS) .
	CSECT (XXXXHCH) .
	CSECT (XXXXHXB) .
	CSECT (XXXXHXC) .
	CSECT (XXXXHXF) .
	CSECT (XXXXHXG) .
	CSECT (XXXXHXH) .
	CSECT (XXXXHXM) .
	CSECT (XXXXHXP) .
	CSECT (XXXXHXQ) .
	CSECT (XXXXJXK) .
	CSECT (XXXXKQS) .
	CSECT (XXXXKTP) .
	CSECT (XXXXKXB) .
	CSECT (XXXXKXC) .
	CSECT (XXXXKXD) .
	CSECT (XXXXKXF) .
	CSECT (XXXXKXG) .
	CSECT (XXXXKXJ) .
	CSECT (XXXXKXK) .
	CSECT (XXXXKXM) .
	CSECT (XXXXKXN) .
	CSECT (XXXXLCP) .
	CSECT (XXXXLLM) .
	CSECT (XXXXMFS) .
	CSECT (XXXXMML) .
	CSECT (XXXXMRK) .
	CSECT (XXXXMRP) .
	CSECT (XXXXMRR) .
	CSECT (XXXXMXL) .
	CSECT (XXXXNCT) .
	CSECT (XXXXNFX) .
	CSECT (XXXXNQI) .
	CSECT (XXXXNSQ) .
	CSECT (XXXXPBB) .
	CSECT (XXXXPBC) .
	CSECT (XXXXPBD) .
	CSECT (XXXXPBH) .
	CSECT (XXXXPBJ) .
	CSECT (XXXXPBM) .

Service	Details
	CSECT (XXXXPBN) .
	CSECT (XXXXPBX) .
	CSECT (XXXXPCC) .
	CSECT (XXXXPCK) .
	CSECT (XXXXPFF) .
	CSECT (XXXXPJD) .
	CSECT (XXXXPNF) .
	CSECT (XXXXPNX) .
	CSECT (XXXXPRH) .
	CSECT (XXXXPRP) .
	CSECT (XXXXPSC) .
	CSECT (XXXXPSS) .
	CSECT (XXXXPXB) .
	CSECT (XXXXPXC) .
	CSECT (XXXXPXD) .
	CSECT (XXXXPXF) .
	CSECT (XXXXPXJ) .
	CSECT (XXXXPXM) .
	CSECT (XXXXPXP) .
	CSECT (XXXXPXS) .
	CSECT (XXXXPXV) .
	CSECT (XXXXPXZ) .
	CSECT (XXXXQBI) .
	CSECT (XXXXQFM) .
	CSECT (XXXXQIM) .
	CSECT (XXXXQLL) .
	CSECT (XXXXQML) .
	CSECT (XXXXQPM) .
	CSECT (XXXXQQM) .
	CSECT (XXXXQXB) .
	CSECT (XXXXQXD) .
	CSECT (XXXXQXH) .
	CSECT (XXXXQXJ) .
	CSECT (XXXXQXP) .
	CSECT (XXXXQXQ) .
	CSECT (XXXXRBC) .
	CSECT (XXXXRCT) .
	CSECT (XXXXRDP) .
	CSECT (XXXXRHJ) .
	CSECT (XXXXRHK) .
	CSECT (XXXXRNQ) .
	CSECT (XXXXRQR) .
	CSECT (XXXXRRP) .
	CSECT (XXXXRSF) .
	CSECT (XXXXRXP) .
	CSECT (XXXXSCV) .
	CSECT (XXXXSFM) .
	CSECT (XXXXSLT) .
	CSECT (XXXXSMP) .
	CSECT (XXXXSQF) .
	CSECT (XXXXSQP) .
	CSECT (XXXXSQS) .
	CSECT (XXXXSQT) .
	CSECT (XXXXSQW) .

Service	Details
	CSECT (XXXXSQX) .
	CSECT (XXXXSQZ) .
	CSECT (XXXXSSM) .
	CSECT (XXXXSVF) .
	CSECT (XXXXSXB) .
	CSECT (XXXXSXC) .
	CSECT (XXXXSXD) .
	CSECT (XXXXSXF) .
	CSECT (XXXXSXG) .
	CSECT (XXXXSXH) .
	CSECT (XXXXSXJ) .
	CSECT (XXXXSXK) .
	CSECT (XXXXSXL) .
	CSECT (XXXXSXM) .
	CSECT (XXXXSXN) .
	CSECT (XXXXSXP) .
	CSECT (XXXXSXQ) .
	CSECT (XXXXSXR) .
	CSECT (XXXXTBP) .
	CSECT (XXXXTCP) .
	CSECT (XXXXTCT) .
	CSECT (XXXXTDL) .
	CSECT (XXXXTDP) .
	CSECT (XXXXTDR) .
	CSECT (XXXXTKP) .
	CSECT (XXXXTMQ) .
	CSECT (XXXXTMT) .
	CSECT (XXXXTNM) .
	CSECT (XXXXTNV) .
	CSECT (XXXXTPF) .
	CSECT (XXXXTRN) .
	CSECT (XXXXTRP) .
	CSECT (XXXXTRS) .
	CSECT (XXXXTSL) .
	CSECT (XXXXTST) .
	CSECT (XXXXTTP) .
	CSECT (XXXXTXT) .
	CSECT (XXXXVCN) .
	CSECT (XXXXVFX) .
	CSECT (XXXXVFX) .
	CSECT (XXXXVPV) .
	CSECT (XXXXVXB) .
	CSECT (XXXXVXC) .
	CSECT (XXXXVXD) .
	CSECT (XXXXVXF) .
	CSECT (XXXXVXK) .
	CSECT (XXXXVXR) .
	CSECT (XXXXVXS) .
	CSECT (XXXXVXT) .
	CSECT (XXXXVXV) .
	CSECT (XXXXVXX) .
	CSECT (XXXXWRM) .
	CSECT (XXXXXFL) .
	CSECT (XXXXXJZ) .

Service	Details
	CSECT (XXXXXPT) . CSECT (XXXXXSP) . CSECT (XXXXXWD) .

Service	Details
LU00592	LU00592 M.C.S. ENTRIES = ++PTF (LU00592) PTLLPARM SUPPORT REMOVAL: PHASE I PROBLEM DESCRIPTION: CA Database Management Solutions for DB2 for z/OS has been enhanced to provide a new JCL member, PTAMIGLP, in the hlq.CDBAJCL. You can use this member to convert the parameter load module PTLLPARM into a partitioned data set. In the future, support for PTLLPARM will be removed. The new PT806W warning message is also now generated online and in batch when the PTLLPARM load module is present in the load library. SYMPTOMS: IMPACT: CIRCUMVENTION: PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 12760 Copyright (C) 2021 CA. All rights reserved. R01346-D200-SP1 DESC (PTLLPARM SUPPORT REMOVAL: PHASE I) . ++VER (Z038) FMID (CINSK00) PRE (S010173 S012794) SUP (LT00592)

Service	Details
LU00678	LU00678 M.C.S. ENTRIES = ++PTF (LU00678) VIEWS ARE NOT IN PARENT/CHILD ORDER WHEN RUNNING GROUP ICL PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the group ICL analysis with global changes may generate view DDL in the wrong sequence. SYMPTOMS: If the analysis script is executed, the child view will fail with an SQLCODE -204 and the following error: DSNT408I SQLCODE = -204, ERROR: <creator>.<parent-view name> IS AN UNDEFINED NAME IMPACT: The generated script will fail attempting to create a view whose parent does not exist yet. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 13191 Copyright (C) 2021 CA. All rights reserved. R01354-D200-SP1 DESC(VIEWS ARE NOT IN PARENT/CHILD ORDER WHEN RUNNING GROUP ICL). ++VER (Z038) FMID (CINSK00) PRE (S001396 S004718) SUP (LT00678)

Service	Details														
LU00697	LU00697 M.C.S. ENTRIES = ++PTF (LU00697) IDB2 - VALUE OF 'DATASETS CURRENTLY OPEN' MAY OVERFLOW PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) IQL field CURR-DATASETS (IFCID record 1001 - CURR-STATS1) shows incorrect value if the real value is higher than 65535. The field DATASETS-PCT in the same IFCID shows incorrect value if the real value of the previously mentioned CURR-DATASETS is higher than 32767. The field CURR-DATASETS represents the number of database datasets currently open. The field DATASETS-PCT represents the same value as a percentage of DSMAX ZPARM parameter. SYMPTOMS: Incorrect value is shown for current datasets open. IMPACT: IQL requests which contain CURR-DATASETS or DATASETS-PCT fields show incorrect values for these fields. Such requests are for example SYSSTATS, GRPSTATS, SYSDRAIN. CIRCUMVENTION: DS-CURR-OPEN from IFCID 2 (STATS2) may be used instead of CURR-DATASETS. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 13171 Copyright (C) 2021 CA. All rights reserved. R01357-D200-SP1 DESC (IDB2 - VALUE OF 'DATASETS CURRENTLY OPEN' MAY OVERFLOW) . ++VER (Z038) FMID (CIDBK00) PRE (LU00282 LU00545 R096575 R097703 R099552 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S010160 S010405 S010739 S010906 S011465 S011616 S011780 S011977 S012769 S013508 S013557 S013891 S014099 S014754 S015049 S015070 S015254 S015647 S016270 S016300) SUP (LT00697 S015913 ST15913) ++HOLD (LU00697) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (21098) COMMENT (<table border="1"> <tr> <td>CA SYSVIEW Performance Management Option for DB2 for z/OS</td><td></td></tr> <tr> <td>Version 20.0</td><td></td></tr> <tr> <td>SEQUENCE</td><td>Before Apply</td></tr> <tr> <td>SEQUENCE</td><td>Before using GRPSTATS request (field CURR-DATASETS)</td></tr> <tr> <td>PURPOSE</td><td>Make CA SYSVIEW for DB2 users aware of possibly incorrect value in the CURR-DATASETS of CURR-STATS1 record in datashareable requests</td></tr> <tr> <td>USERS</td><td>All CA SYSVIEW for DB2 users</td></tr> <tr> <td>AFFECTED</td><td></td></tr> </table> +	CA SYSVIEW Performance Management Option for DB2 for z/OS		Version 20.0		SEQUENCE	Before Apply	SEQUENCE	Before using GRPSTATS request (field CURR-DATASETS)	PURPOSE	Make CA SYSVIEW for DB2 users aware of possibly incorrect value in the CURR-DATASETS of CURR-STATS1 record in datashareable requests	USERS	All CA SYSVIEW for DB2 users	AFFECTED	
CA SYSVIEW Performance Management Option for DB2 for z/OS															
Version 20.0															
SEQUENCE	Before Apply														
SEQUENCE	Before using GRPSTATS request (field CURR-DATASETS)														
PURPOSE	Make CA SYSVIEW for DB2 users aware of possibly incorrect value in the CURR-DATASETS of CURR-STATS1 record in datashareable requests														
USERS	All CA SYSVIEW for DB2 users														
AFFECTED															

Service	Details
	KNOWLEDGE Basic CA SYSVIEW for DB2 knowledge REQUIRED +-----+-----+ ACCESS Access to CA SYSVIEW for DB2 requests and reports REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** The IQL field CURR-DATASETS (number of database data sets currently open) in CURR-STATS1 record will work properly in a datashareable requests only if this PTF is applied to all data collectors in the group. If this PTF is applied to only some of them, and the CURR-DATASETS in a datashareable request is displayed on a data collector with this PTF applied, it will show sum of values taken only from the data collectors which also have this PTF applied. If displayed from a data collector without this PTF, the value is calculated properly - using values from all the data collectors (including data collectors with this PTF applied). The CURR-DATASETS from CURR-STATS1 is used in GRPSTATS datashareable request.). CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) . CSECT (IFCIDSCS) . CSECT (NDFMTSEC,NDFMTSEM) . CSECT (NGR1001C,NGR1001) . CSECT (NGR1001C,NGR1001) . CSECT (NGR1001C,NGR1001) . CSECT (NPLEXDAT,NPLEXSYM,SYMTBLE) .

Service	Details
LU00698	LU00698 M.C.S. ENTRIES = ++PTF (LU00698) SOC4 ABEND WHEN EDITING MULTIPLE PAIRED TABLES PROBLEM DESCRIPTION: In CA RC/Compare for DB2 for z/OS (RCC), updating a compare strategy and editing multiple paired tables may cause a SOC4 abend. SYMPTOMS: IRX0250E System abend code 0C4, reason code 00000016. IRX0255E Abend in host command ISPEXEC or address environment routine TSO. IMPACT: Users will not be able to edit the paired tables. CIRCUMVENTION: Edit one paired table at a time. PRODUCT(S) AFFECTED: CA RC/Compare for DB2 for z/OS Version 20.0 Related Problem: RCC 13261 Copyright (C) 2021 CA. All rights reserved. R01358-D200-SP1 DESC(SOC4 ABEND WHEN EDITING MULTIPLE PAIRED TABLES) . ++VER (Z038) FMID (CINSK00) PRE (S001396 S007379 S011866 S011966 S012361 S012933 S014125) SUP (LT00698)

Service	Details
LU00759	LU00759 M.C.S. ENTRIES = ++PTF (LU00759) TABLE MASKING IN DML REDO/UNDO SQL REPORT Enhancement Description: With this enhancement, CA Log Analyzer for DB2 for z/OS (PLA) allows specification of source and target table name masks while generating DML Redo/Undo SQL Reports. This option is useful when replicating changes from one system to another system having different naming conventions for it's DB2 objects. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 12743 Copyright (C) 2021 CA. All rights reserved. R01361-D200-SP1 DESC (TABLE MASKING IN DML REDO/UNDO SQL REPORT) . ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00597 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S007813 S008008 S008802 S008870 S009133 S009252 S009333 S010390 S010641 S010677 S011113 S011583 S011669 S012763 S012797 S012889 S012900 S013625 S014137 S014866 S015064 S015456) SUP (AS14137 LT00759 S014452 ST14452)

Service	Details
LU00768	LU00768 M.C.S. ENTRIES = ++PTF (LU00768) DETECTOR MAY CAUSE ECSA STORAGE TO CREEP UP SLOWLY PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) over time may incremently expand its use of ECSA. SYMPTOMS: System ECSA usage increases over time. The increase appears to accelerate after applying RSU2102 Db2 maintenance. IMPACT: Applications and system level activity may be impacted or restricted up to and including the need to IPL. CIRCUMVENTION: Restarting Detector Collection may alleviate the ECSA storage usage issues. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 13302 Copyright (C) 2021 CA. All rights reserved. R01362-D200-SP1 DESC(DETECTOR MAY CAUSE ECSA STORAGE TO CREEP UP SLOWLY). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00524 LU00549 R096580 R098429 S001400 S003942 S004458 S004757 S006116 S006334 S007810 S010908 S011694 S013889 S014338 S014782 S016174) SUP (LT00768 S010521 S014397 ST10521 ST14397) ++HOLD (LU00768) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21091) COMMENT (<pre> +-----+ CA 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. 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.).

Service	Details
LU00769	LU00769 M.C.S. ENTRIES = ++PTF (LU00769) USE DEFAULT BLKSIZE ZERO FOR AN EXTRACT FILE ENHANCEMENT DESCRIPTION: In CA RC/Extract for DB2 for z/OS (RCX), use a default BLKSIZE of zero when allocating an extract file to let SMS derive the appropriate BLKSIZE. PRODUCT(S) AFFECTED: CA RC/Extract for DB2 for z/OS Version 20. Related Problem: RCX 13078 Copyright (C) 2021 CA. All rights reserved. R01363-D200-SP1 DESC (USE DEFAULT BLKSIZE ZERO FOR AN EXTRACT FILE). ++VER (Z038) FMID (CRCXK00) PRE (S011079) SUP (LT00769)

Service	Details
LU00794	LU00794 M.C.S. ENTRIES = ++PTF (LU00794) CREATED SAMPLE JCL FOR RECOVERY ESTIMATOR PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 13308 Copyright (C) 2021 CA. All rights reserved. R01365-D200-SP1 DESC(CREATED SAMPLE JCL FOR RECOVERY ESTIMATOR). ++VER (Z038) FMID (CINSK00) SUP (LT00794)

Service	Details
LU00795	LU00795 M.C.S. ENTRIES = ++PTF (LU00795) ADDED SAMPLE JCL FOR RECOVERY SIMULATION PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PFR 13309 Copyright (C) 2021 CA. All rights reserved. R01366-D200-SP1 DESC (ADDED SAMPLE JCL FOR RECOVERY SIMULATION) . ++VER (Z038) FMID (CUGRK00) SUP (LT00795)

Service	Details
LU00839	LU00839 M.C.S. ENTRIES = ++PTF (LU00839) MTC DBM UI AND DBM DS POST INSTALL CONFIGURATION ENHANCEMENT DESCRIPTION: The post-install tailoring process for the CA Database Management Solutions for Db2 for z/OS has been enhanced to allow configuration of the Mainframe Team Center - Database Management for Db2 for z/OS (MTC-DBM) user interface and the Database Management Data Service (DBM DS). You can now configure these components from an ISPF-based interface instead of manual editing of JCL. A new product code MTC has been introduced under the Product Selection List for accessing the DBM for Db2 Configuration Utility (CU) for MTC-DBM and DBM DS. The configuration utility: - Tracks, reports, and saves your progress throughout the configuration process. - Enables you to pause and resume the configuration progress later. - Simplifies configuration of the DBM Data Service and MTC-DBM UI by soliciting, validating, and saving the required parameter values for configuration. After all required parameter values have been entered and saved, the configuration utility guides you through the process of generating and submitting the jobs that are necessary to complete the configuration process. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 13347 Copyright (C) 2021 CA. All rights reserved. R01367-D200-SP1 DESC(MTC DBM UI AND DBM DS POST INSTALL CONFIGURATION). ++VER (Z038) FMID (CINSK00) PRE (R097704 R099553 S006608 S009860 S010162 S010173 S011684 S013484 S015980) SUP (LT00789 LT00839) ++HOLD (LU00839) SYSTEM FMID(CINSK00) REASON (ENH) DATE (21103) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+-----+ SEQUENCE Before using MTC DBM UI and/or DBM DS +-----+-----+ PURPOSE POST INSTALL CONFIGURATION PANELS FOR MTC DBM UI & DBM DS +-----+-----+ USERS USERS OF MTC DBM UI and DBM DATA SERVICE AFFECTED +-----+-----+ KNOWLEDGE SYSTEM ADMINISTRATION REQUIRED +-----+-----+ ACCESS POST INSTALL CONFIGURATION REQUIRED +-----+-----+ </pre> *****

Service	Details
	<pre> * STEPS TO PERFORM * ***** 1. Refer to the Product Documentation for additional help related to the configuration of MTC DBM and/or DBM DS.). ++HOLD (LU00839) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (21103) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA 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
LU00847	LU00847 M.C.S. ENTRIES = ++PTF (LU00847) POST INSTALL DATASHARING GROUP IMPROVEMENTS ENHANCEMENT DESCRIPTION: The post-install tailoring process for the CA Database Management Solutions for Db2 for z/OS has been enhanced so that you change group wide options for data sharing group members. This enhancement lets you apply group wide changes in the SETUP global parmlib member simultaneously instead of editing each member individually. The group wide changes are immediately reflected into the corresponding members of the data sharing group. Updates include new panels and help where the data sharing group (DSGROUP) value is displayed. Other small updates have also been introduced to display more relevant information and help panel updates that are relevant to the underlying changes. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 12852 Copyright (C) 2021 CA. All rights reserved. R01368-D200-SP1 DESC(POST INSTALL DATASHARING GROUP IMPROVEMENTS). ++VER (Z038) FMID (CINSK00) PRE (R099553 S001396 S006113 S006863 S007807 S008755 S009860 S012851 S014027) SUP (LT00847) ++HOLD (LU00847) SYSTEM FMID(CINSK00) REASON (ENH) DATE (21111) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE The following post-install tailoring panel changes may affect any automation you have set up. Modified name of "Edit Parmlib ENVDEF Member" (INSEDCPU) ISPF panel. Modified name of "Edit Parmlib PLANS Member" (INSEDPN) ISPF panel. Modified name of "Create/Edit Parmlib Members Selection" (INSEDP2) ISPF panel. Modified name of "Edit Parmlib SETUP Member Site Options 1" (INSESE1) ISPF panel. Modified name of and new fields on "Edit Parmlib SETUP Member Site Options 2" (INSESE2) ISPF panel. Modified name of "Edit Parmlib SETUP Member Db2 Options" (INSESE3) ISPF panel. Modified name of "Edit Parmlib SETUP Member PTDB Options" (INSESE4) ISPF panel. Modified name of "Edit Parmlib SETUP Member Locations" (INSESE5) ISPF panel. Modified name of "Edit Parmlib SETUP Member TS/IX Options" (INSESE6) ISPF panel. Modified name of "Edit Parmlib PTISYS Member" (INSEDSYS) ISPF panel. Modified name of "Edit Parmlib SETUP Member QMF Options" (INSEDS4A) ISPF panel. New column introduced on "Select Db2 Subsystems" </pre>

Service	Details
	(INSSLDB2) ISPF panel. New columns introduced on "Select PTISYS Parmlib Members" (INSSLSYS) ISPF panel. ----- USERS All users of Post Install Tailoring. AFFECTED ----- KNOWLEDGE CA DB2 Tools Post Install Tailoring. REQUIRED ----- ACCESS Product runtime libraries. REQUIRED ----- ***** * STEPS TO PERFORM * ***** Update any automation tasks you have set up as needed to address the following post-install tailoring panel changes: 1. Panel "Edit Parmlib SMF ID Member" (INSEDCPU) has been renamed to "Edit Parmlib ENVDEF Member" to mirror the name of the member that this panel represents. 2. Panel "Edit Parmlib Member PLANS" (INSEDP LN) has been renamed to "Edit Parmlib PLANS Member" to unify naming conventions. 3. Panel "Create/Edit Parmlib Members" (INSEDP R2) has been renamed to "Create/Edit Parmlib Members Selection" to more precisely represent its function. 4. Panel "Edit Parmlib Member SETUP" (INSEDS ET) has been renamed to "Edit Parmlib SETUP Member Site Options 1" to differentiate it from other SETUP member edit panels. 5. Panel "Edit Parmlib Member SETUP" (INSEDS E1) has been renamed to "Edit Parmlib SETUP Member Site Options 2" to differentiate it from other SETUP member edit panels. 6. Panel "SETUP Subsystem Edit Selection" (INSEDS E2) has been renamed to "Edit Parmlib SETUP Member SSID List" to unify it with other panels in SETUP edit panel. New input field "View" is now present on the panel allowing switch between INSEDS E2 and INSEDS G2 panel. New column DS group is added to this panel to help managing group. Sorting by this column is added. 7. Panel "Edit Parmlib Member SETUP" (INSEDS E3) has been renamed to "Edit Parmlib SETUP Member Db2 Options" to differentiate it from other SETUP member edit panels. 8. Panel "Edit Parmlib Member SETUP" (INSEDS E4) has been renamed to "Edit Parmlib SETUP Member PTDB Options" to differentiate it from other SETUP member edit panels. 9. Panel "Edit Parmlib Member SETUP - Locations" (INSEDS E5) has been renamed to "Edit Parmlib SETUP Member Locations" to unify it with other panels in SETUP edit panel. 10. Panel "Edit Parmlib Member SETUP TS/IX Options" (INSEDS E6) has been renamed to "Edit Parmlib SETUP Member TS/IX Options" to unify it with other panels in SETUP edit panel. 11. Panel "Edit Parmlib SETUP Member DS Group List" (INSEDS G2) has is introduced for display of Db2 subsystems as data sharing groups. 12. Panel "Edit Parmlib SETUP Member Group Options" (INSEDS G2) has is introduced for editing Db2 subsystems as data sharing groups. 13. Panel "Edit Parmlib System Options Member" (INSEDS YS) has been

Service	Details
	renamed to "Edit Parmlib PTISYS Member" to unify naming conventions. 14.Panel "Edit Parmlib Member SETUP" (INSEDS4A) has been renamed to "Edit Parmlib SETUP Member QMF Options" to differentiate it from other SETUP member edit panels. 15.Panel "Select Db2 Subsystems" (INSSLDB2) now contains column DS Group to display a group into which individual Db2 subsystems are assigned for easier managing of DS group tasks. Sorting functionality for this column has been added for this column 16.Panel "Select PTISYS Parmlib Members" (INSSLSYS) now contains columns for all global parmllib members to enable easier selection between options defined in the parmllib.).

Service	Details
LU00858	LU00858 M.C.S. ENTRIES = ++PTF (LU00858) PSABATCC ABEND 0C9 REASON 009 PROBLEM DESCRIPTION: Offloading CA Subsystem Analyser for DB2 for z/OS (PSA) data results in an SOC9 abend with reason code 009. SYMPTOMS: An abend SOC9 with reason code 009 OCCURS. IMPACT: Cannot offload PSA Data. CIRCUMVENTION: View data in the PSA display panels rather than offloading it. PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 13258 Copyright (C) 2021 CA. All rights reserved. R01369-D200-SP1 DESC(PSABATCC ABEND 0C9 REASON 009). ++VER (Z038) FMID (CPDTK00) PRE (R096580 S001400 S007810 S014860) SUP (LT00858) ++IF FMID(CPSAK00) REQ(LU00859) .

Service	Details
LU00859	LU00859 M.C.S. ENTRIES = ++PTF (LU00859) PSABATCC ABEND 0C9 REASON 009 PROBLEM DESCRIPTION: Offloading CA Subsystem Analyser for DB2 for z/OS (PSA) data results in an SOC9 abend with reason code 009. SYMPTOMS: An abend SOC9 with reason code 009 OCCURS. IMPACT: Cannot offload PSA Data. CIRCUMVENTION: View data in the PSA display panels rather than offloading it. PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 13258 Copyright (C) 2021 CA. All rights reserved. R01369-D200-SP1 DESC(PSABATCC ABEND 0C9 REASON 009). ++VER (Z038) FMID (CPSAK00) PRE (R096589 S007819 S011345 S012539 S012926 S014681 S014861 S016175) SUP (LT00500 LT00859 LU00500) ++IF FMID(CPDTK00) REQ(LU00858) .

Service	Details
LU00863	LU00863 M.C.S. ENTRIES = ++PTF (LU00863) PFU0217E AND SOF8 ABEND WHEN UNLOADING AN IMAGE COPY PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may fail with PFU0217E - PAGE SEQUENCE ERROR and an SOF8 abend when unloading an image copy of a compressed tablespace after PTF S016195 is applied. SYMPTOMS: PFU0217E - PAGE SEQUENCE ERROR and SOF8 abend. IMPACT: Processing fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Related Problem: PFU 13379 Copyright (C) 2021 CA. All rights reserved. R01371-D200-SP1 DESC(PFU0217E AND SOF8 ABEND WHEN UNLOADING AN IMAGE COPY). ++VER (Z038) FMID (CPFUK00) PRE (LU00137 LU00217 R096582 R099558 S000019 S001818 S005013 S008860 S009025 S011997 S014032 S014501 S014984 S016195) SUP (AR99558 AS16195 LT00862 LT00863 S000295 S011993 S013437 ST00295 ST11993 ST13437) CSECT(UTAFUULC,TROUBLE).

Version 20.0

Service	Details
LU00881	LU00881 M.C.S. ENTRIES = ++PTF (LU00881) IDB2 ADD STORAGE STATISTICS TO USERS COMMAND OUTPUT ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds storage statistics to the USERS command output. The layout includes the following new columns: 1. REQUEST - Request name displayed by the user. 2. INPUT-BUFFER - Sum of data collector input buffer size and history request table size for the user. 3. ABOVE-THE-BAR - Allocated history request table size ABOVE THE BAR for the user. Also, the USERS statistics is printed to DBGPRINT at the interval specified by the HISTORY-MESSAGE-TIME system parameter. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 13043 Copyright (C) 2021 CA. All rights reserved. R01372-D200-SP1 DESC(IDB2 ADD STORAGE STATISTICS TO USERS COMMAND OUTPUT). ++VER (Z038) FMID (CIDBK00) PRE (LU00299 R096575 R097703 R099552 S001395 S004454 S006112 S006862 S008846 S010160 S010906 S011977 S012769 S013891 S014016 S014642 S014843 S014923 S015049 S015254 S015931 S016200) SUP (LT00881 R097683 TR97683) CSECT(NUHSTL0M) .

Service	Details																		
LU00882	LU00882 M.C.S. ENTRIES = ++PTF (LU00882) MEMORY ABOVE THE BAR USAGE TRACKING BY THE MESSAGE LAE0287I PROBLEM DESCRIPTION: The CA Log Analyzer for Db2 for z/OS (PLA) message LAE0287I does not print information about the memory above the bar. SYMPTOMS: None. IMPACT: PLA users cannot monitor the usage of memory above the bar. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 12776 Copyright (C) 2021 CA. All rights reserved. R01373-D200-SP1 DESC(MEMORY ABOVE THE BAR USAGE TRACKING BY THE MESSAGE LAE0287I). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00238 LU00672 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S008802 S009133 S009252 S010390 S010677 S011113 S011669 S012487 S012889 S012900 S013009 S013625 S014137 S014866 S015064) SUP (LT00882) ++HOLD (LU00882) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (21102) COMMENT (<table border="1"> <tr> <td>CA Log Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Relink XMESSAGES</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All CA DB2 Tools Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>CA DB2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND Authority on DB2 subsystems</td></tr> </table> ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.	CA Log Analyzer for DB2 for z/OS	Version 20.0	SEQUENCE	After Apply	PURPOSE	Relink XMESSAGES	USERS		AFFECTED	All CA DB2 Tools Users	KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization.	ACCESS	1. CA DB2 Tools Post Install	REQUIRED	2. BIND Authority on DB2 subsystems
CA Log Analyzer for DB2 for z/OS	Version 20.0																		
SEQUENCE	After Apply																		
PURPOSE	Relink XMESSAGES																		
USERS																			
AFFECTED	All CA DB2 Tools Users																		
KNOWLEDGE																			
REQUIRED	CA DB2 Tools Post Install Customization.																		
ACCESS	1. CA DB2 Tools Post Install																		
REQUIRED	2. BIND Authority on DB2 subsystems																		

Service	Details
	) . CSECT (LAA@LGA2,PTIDECF) . CSECT (LAA@LOG,#@XFCALN) . CSECT (LAA@LOGA,PTIDECF) .

Service	Details
LU00886	LU00886 M.C.S. ENTRIES = ++PTF (LU00886) ZIIP SUPPORT FOR LOB COLUMNS AND ORDER BY ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) now supports System z Integrated Information Processor (zIIP) when you unload LOB columns or when you specify ORDER BY. Offloading zIIP-eligible workloads to zIIP processors can reduce the processing load on your general CPUs. zIIP functionality is controlled by specifying ZIIP {YES NO} either in the SYSIN DD statement or in hlq.CDBAPARM(PFU) member. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFU 1111 Copyright (C) 2021 CA. All rights reserved. R01375-D200-SP1 DESC(ZIIP SUPPORT FOR LOB COLUMNS AND ORDER BY) . ++VER (Z038) FMID (CPFUK00) PRE (LU00137 LU00217 LU00281 LU00447 R096582 R099558 S000019 S001402 S001818 S004460 S005013 S006118 S006867 S007381 S008068 S008112 S008860 S009025 S009107 S010043 S011108 S011236 S011968 S011997 S012108 S012151 S012363 S012934 S013319 S013766 S013960 S014032 S014382 S014501 S014984 S015805 S016195) SUP (AR99558 AS16195 LT00624 LT00862 LT00863 LT00886 LU00863 S000295 S011993 S013437 ST00295 ST08865 ST08980 ST09009 ST11173 ST11993 ST13437 ST13915 ST15619 ST15630) ++IF FMID(CPUTK00) REQ(LU00887) . ++HOLD (LU00886) SYSTEM FMID(CPFUK00) REASON (MSGSKEL) DATE (21109) COMMENT (<pre> +-----+ CA Fast Unload for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. </pre>

Service	Details
	If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). CSECT(UTAFUULC,TROUBLE). CSECT(UTAFUULT,TROUBLE).

Service	Details
LU00887	LU00887 M.C.S. ENTRIES = ++PTF (LU00887) ZIIP SUPPORT FOR LOB COLUMNS AND ORDER BY ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) now supports System z Integrated Information Processor (zIIP) when you unload LOB columns or when you specify ORDER BY. Offloading zIIP-eligible workloads to zIIP processors can reduce the processing load on your general CPUs. zIIP functionality is controlled by specifying ZIIP {YES NO} either in the SYSIN DD statement or in hlq.CDBAPARM(PFU) member. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFU 1111 Copyright (C) 2021 CA. All rights reserved. R01375-D200-SP1 DESC(ZIIP SUPPORT FOR LOB COLUMNS AND ORDER BY) . ++VER (Z038) FMID (CPUTK00) PRE (LU00140 S000024 S005016 S011238 S011999 S012153 S013205 S015486 S015939) SUP (LT00625 LT00887 ST13748) ++IF FMID(CPFUK00) REQ(LU00886) . ++HOLD (LU00887) SYSTEM FMID(CPUTK00) REASON (RESTART) DATE (21109) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Utilities Common 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. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! </pre>

Service	Details
	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 (UTA\$LOBR, #@XFCALR) .

Service	Details															
LU00890	M.C.S. ENTRIES = ++PTF (LU00890) SUPPORT FOR LISTDEF IN IMAGE COPY ACTION JCL ENHANCEMENT DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) now supports the use of LISTDEF statements to generate Action JCL for IMAGE COPY. A new model member (MJULDIC) and automatic symbolics are provided to create action JCL that executes IMAGE COPY on the objects defined in a LISTDEF. To take advantage of this feature, specify Y in the new Order by Utility Codes field on the Job Generation Parms panel. You can also control the number of objects processed per step with the new LISTDEF_STEP_LIMIT parameter in the PDA parmlib member. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 KEYWORD(s): <table><tr><td>UTILITY</td><td>ORDER</td><td>BY</td></tr><tr><td>CODES</td><td>IMAGECOPY</td><td>OPENED PROBLEM</td></tr><tr><td>ENHANCE</td><td>LISTDEF</td><td>CLONED</td></tr><tr><td>MJULDIC</td><td>LDEFFST</td><td>LDEFINC</td></tr><tr><td>LDEFLST</td><td>IMAGE</td><td>COPY</td></tr></table> Related Problem: PDA 12825 Copyright (C) 2021 CA. All rights reserved. R01376-D200-SP1 DESC(SUPPORT FOR LISTDEF IN IMAGE COPY ACTION JCL). ++VER (Z038) FMID (CINSK00) PRE (SO00016) SUP (LT00890) ++IF FMID(CPDAK00) REQ(LU00891) . CSECT(CSAIEDMP,IEDLDSA,IEDLMFL) .	UTILITY	ORDER	BY	CODES	IMAGECOPY	OPENED PROBLEM	ENHANCE	LISTDEF	CLONED	MJULDIC	LDEFFST	LDEFINC	LDEFLST	IMAGE	COPY
UTILITY	ORDER	BY														
CODES	IMAGECOPY	OPENED PROBLEM														
ENHANCE	LISTDEF	CLONED														
MJULDIC	LDEFFST	LDEFINC														
LDEFLST	IMAGE	COPY														

Service	Details															
LU00891	LU00891 M.C.S. ENTRIES = ++PTF (LU00891) SUPPORT FOR LISTDEF IN IMAGE COPY ACTION JCL ENHANCEMENT DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) now supports the use of LISTDEF statements to generate Action JCL for IMAGE COPY. A new model member (MJULDIC) and automatic symbolics are provided to create action JCL that executes IMAGE COPY on the objects defined in a LISTDEF. To take advantage of this feature, specify Y in the new Order by Utility Codes field on the Job Generation Parms panel. You can also control the number of objects processed per step with the new LISTDEF_STEP_LIMIT parameter in the PDA parmlib member. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 KEYWORD(s): <table><tr><td>UTILITY</td><td>ORDER</td><td>BY</td></tr><tr><td>CODES</td><td>IMAGECOPY</td><td>OPENED PROBLEM</td></tr><tr><td>ENHANCE</td><td>LISTDEF</td><td>CLONED</td></tr><tr><td>MJULDIC</td><td>LDEFFST</td><td>LDEFINC</td></tr><tr><td>LDEFLST</td><td>IMAGE</td><td>COPY</td></tr></table> Related Problem: PDA 12825 Copyright (C) 2021 CA. All rights reserved. R01376-D200-SP1 DESC(SUPPORT FOR LISTDEF IN IMAGE COPY ACTION JCL). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00314 S000017 S006115) SUP (AL00146 BL00146 LT00257 LT00475 LT00891 LU00257 LU00475 S004010 ST04010 ST05436 ST05467 ST05510 ST05806 ST05830) ++IF FMID(CINSK00) REQ(LU00890) . CSECT(RAAUBLD,RATSYM,CLBMODSN) .	UTILITY	ORDER	BY	CODES	IMAGECOPY	OPENED PROBLEM	ENHANCE	LISTDEF	CLONED	MJULDIC	LDEFFST	LDEFINC	LDEFLST	IMAGE	COPY
UTILITY	ORDER	BY														
CODES	IMAGECOPY	OPENED PROBLEM														
ENHANCE	LISTDEF	CLONED														
MJULDIC	LDEFFST	LDEFINC														
LDEFLST	IMAGE	COPY														

Service	Details		
LU00903	LU00903 M.C.S. ENTRIES = ++PTF (LU00903) ONLINE MODE REPORT FAILS WITH MESSAGE LAE0032E/ABEND S047 PROBLEM DESCRIPTION: CA Log Analyzer for Db2 for z/OS (PLA) fails with message LAE0032E when running in online mode. This happens for a DML report over a table with an edit procedure. SYMPTOMS: The following message is displayed in a job log: LAE0032E LAL@REPT TERMINATED WITH RETURN/ABEND CODE 047 IMPACT: PLA report is not generated. CIRCUMVENTION: Use batch mode instead of online mode. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 13395 Copyright (C) 2021 CA. All rights reserved. R01377-D200-SP1 DESC(ONLINE MODE REPORT FAILS WITH MESSAGE LAE0032E/ABEND S047). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00238 LU00597 LU00672 LU00882 R096583 R097709 R099559 S000975 S001403 S004245 S007813 S008008 S008802 S009133 S009252 S009333 S010677 S011669 S012487 S012889 S013009 S015064) SUP (LT00903) ++HOLD (LU00903) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (21103) COMMENT (<table border="1"> <tr> <td>CA Log Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> SEQUENCE After Apply PURPOSE Relink XMESSAGES USERS AFFECTED All CA DB2 Tools Users KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. ACCESS 1. CA 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.	CA Log Analyzer for DB2 for z/OS	Version 20.0
CA Log Analyzer for DB2 for z/OS	Version 20.0		

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

Service	Details
LU00914	LU00914 M.C.S. ENTRIES = ++PTF (LU00914) ONLINE CHECK DATA UTILITY NOT GENERATED PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), when altering a table with a clone to add a new column and a new check constraint, the analysis generates ALTER TABLE DDL to add the column and the check constraint. In addition, an online REORG is generated. The execution of the script fails when the online REORG is executed because the tablespace is in CHKP status and the table has a clone. Customer sometime may not be able to activate some of the excluded utilities. SYMPTOMS: DSNU1033I 068 10:12:50.18 DSNUGULM - PROCESSING LIST ITEM: TABLESPACE CPS0004.A14566TS DSNU321I -DEVL 068 10:12:50.18 DSNUGDTC - CHECK PENDING ON TABLESPACE CPS0004.A14566TS PROHIBITS PROCESSING DSNU012I 068 10:12:50.19 DSNUGBAC - UTILITY EXECUTION TERMINATED, HIGHEST RETURN CODE=8 IMPACT: The user will not be able to add a CHECK constraint if the table has a clone. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 13358 Copyright (C) 2021 CA. All rights reserved. R01378-D200-SP1 DESC(ONLINE CHECK DATA UTILITY NOT GENERATED). ++VER (Z038) FMID (CINSK00) PRE (LU00359 LU00426 LU00446 R096576 R097704 R099553 S000016 S001396 S004455 S004718 S006113 S006638 S006863 S007379 S007807 S008957 S009105 S011691 S011866 S011966 S012361 S012933 S013930 S014125 S014832 S015804) SUP (LT00914 R099748 S009126 S010331 S010631 S010827 S010978 S012524 S013193 ST08916 ST09126 ST10331 ST10631 ST10827 ST10978 ST12524 ST13193 TR99748) CSECT(RMA@DDL,#@XFCALN).

Service	Details
LU00921	LU00921 M.C.S. ENTRIES = ++PTF (LU00921) SCHEDULER STARTUP VIA STRTSCHD FAILURE WITH MESSAGE PTT1131E PROBLEM DESCRIPTION: The Thread Termination/Dynamic DSNZPARM for DB2 for z/OS (PTT) scheduler cannot be started successfully on the "Thread Terminator Automated Update Schedules" display via the STRTSCHD command. SYMPTOMS: The following messages appear on the "Thread Terminator Command Output Messages" display, in the Xmanager log, and in the Xmanager's PTTLOG: PTT1131E THREAD TERMINATOR READPARM FAILURE FOR PARMLIB MEMBER PTT. PTT1124I SCHEDULER TERMINATED. IMPACT: Starting the PTT scheduler is impossible. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PTT 13016 Copyright (C) 2021 CA. All rights reserved. R01379-D200-SP1 DESC(SCHEDULER STARTUP VIA STRTSCHD FAILURE WITH MESSAGE PTT1131E). ++VER (Z038) FMID (CINSK00) PRE (S013509) SUP (LT00921) ++HOLD (LU00921) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21109) 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. 2. Stop the Xmanager task. </pre>

Service	Details
	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(TT\$SC2CC,SCHDEXEC,SCHDINPT,FREESCHD,ECHORMT,POSTME,ESTAERTN) .

Service	Details
LU00923	LU00923 M.C.S. ENTRIES = ++PTF (LU00923) SQL ERROR -438 WHEN USING OLM PROBLEM DESCRIPTION: CA Object List Manager for DB2 for z/OS (OLM) may not update the history table when HISTORY is set to YES in the UTIL member of hlq.CDBAPARM. SYMPTOMS: The following messages are issued: PUT0055E - History LOG SQL error, SQLCODE: -438 DSNT408I SQLCODE = -438, SQLSTATE = 00000, UNQUALIFIED SUCCESSFUL E' COMPLETION FROM ? TOKENS PTABDBS: PTMBDB not connected. IMPACT: The history table is not updated with an OLM entry. CIRCUMVENTION: Change the HISTORY option to NO in the UTIL parmlib member. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 13232 Copyright (C) 2021 CA. All rights reserved. R01380-D200-SP1 DESC(SQL ERROR -438 WHEN USING OLM). ++VER (Z038) FMID (CPUTK00) PRE (S000024 S004469 S011999 S012153) SUP (LT00923)

Service	Details																		
LU00925	LU00925 M.C.S. ENTRIES = ++PTF (LU00925) HDDL COMMAND USING ONLINE EXECUTION FAILS WITH A -438 PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the online execution of the HDDL command fails with a sporadic -438 SQL error when a view is involved. SYMPTOMS: The following error is issued when executing HDDL on a table and selecting a view object on the HDDL request option panel RG030E - SQL ERROR HAS BEEN ENCOUNTERED => -438 IMPACT: Online execution of the HDDL command does not work. CIRCUMVENTION: Use batch mode for HDDL execution. PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 13141 Copyright (C) 2021 CA. All rights reserved. R01381-D200-SP1 DESC(HDDL COMMAND USING ONLINE EXECUTION FAILS WITH A -438). ++VER (Z038) FMID (CINSK00) PRE (R097704 R099553 S001396 S004455 S007379 S007807 S009105 S010004 S012933) SUP (LT00925) ++HOLD (LU00925) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (21105) COMMENT (<table border="1"> <tr> <td>CA DBM Solutions for DB2 for z/OS Base In</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Bind Plans and Packages</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Users</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>CA DB2 Tools Post Install Customization.</td></tr> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND, SYSADM or SYSCNTL on DB2 subsystem.</td></tr> </table> ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans.	CA DBM Solutions for DB2 for z/OS Base In	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users	KNOWLEDGE		REQUIRED	CA DB2 Tools Post Install Customization.	ACCESS	1. CA DB2 Tools Post Install	REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.
CA DBM Solutions for DB2 for z/OS Base In	Version 20.0																		
SEQUENCE	After Apply																		
PURPOSE	Bind Plans and Packages																		
USERS																			
AFFECTED	All Users																		
KNOWLEDGE																			
REQUIRED	CA DB2 Tools Post Install Customization.																		
ACCESS	1. CA DB2 Tools Post Install																		
REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.																		

Service	Details
	IMPORTANT! If CA 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
LU00937	M.C.S. ENTRIES = ++PTF (LU00937) ECSA PARM NOT WORKING WITH USECOLLTASKS(N) FOLLOWING LU00523 PROBLEM DESCRIPTION: CA Execution Manager (Xmanager) does not terminate active CA Detector for DB2 for z/OS (PDT) collections to free up ECSA storage when it should. This problem occurs when the following conditions are true: - LU00523 has been applied and its new parameter, ECSA, has been added to the Xmanager started task procedure. - Detector is running its collections with USECOLLTASKS(N) specified in the PDT member of hlq.CDBAPARM. - The amount of ECSA storage that is in use exceeds the specified ECSA percentage in the Xmanager started task procedure. SYMPTOMS: The message PXM0317 ECSA STORAGE LIMIT WAS EXCEEDED appears in the Xmanager log. The Detector collections keep running. ECSA storage may be exhausted. The storage is filled with eyecatchers like this: <pre>1164EF00 C3D7D6D6 D340C3C5 D3D340D7 6D6D340 CPOOL CELL POOL 1164EF10 40404040 40404040 C9E3C85B 5D5E3E8 ITH\$ENTY </pre> IMPACT: An IPL may be needed to restore the LPAR. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PXM 13291 Copyright (C) 2021 CA. All rights reserved. R01383-D200-SP1 DESC(ECSA PARM NOT WORKING WITH USECOLLTASKS(N) FOLLOWING LU00523). ++VER (Z038) FMID (CINSK00) PRE (LU00523 S004455 S006113 S011317 S013717 S013839 S015394) SUP (LT00937 S015045 ST15045) ++IF FMID(CPDTK00) REQ(LU00938) . ++HOLD (LU00937) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21106) 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</pre>

Service	Details
	<pre> 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. 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.).</pre>

Service	Details
LU00938	LU00938 M.C.S. ENTRIES = ++PTF (LU00938) ECSA PARM NOT WORKING WITH USECOLLTASKS(N) FOLLOWING LU00523 PROBLEM DESCRIPTION: CA Execution Manager (Xmanager) does not terminate active CA Detector for DB2 for z/OS (PDT) collections to free up ECSA storage when it should. This problem occurs when the following conditions are true: - LU00523 has been applied and its new parameter, ECSA, has been added to the Xmanager started task procedure. - Detector is running its collections with USECOLLTASKS(N) specified in the PDT member of hlq.CDBAPARM. - The amount of ECSA storage that is in use exceeds the specified ECSA percentage in the Xmanager started task procedure. SYMPTOMS: The message PXM0317 ECSA STORAGE LIMIT WAS EXCEEDED appears in the Xmanager log. The Detector collections keep running. ECSA storage may be exhausted. The storage is filled with eyecatchers like this: 1164EF00 C3D7D6D6 D340C3C5 D3D340D7 6D6D340 CPOOL CELL POOL 1164EF10 40404040 40404040 C9E3C85B 5D5E3E8 ITH\$ENTY IMPACT: An IPL may be needed to restore the LPAR. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: PXM 13291 Copyright (C) 2021 CA. All rights reserved. R01383-D200-SP1 DESC(ECSA PARM NOT WORKING WITH USECOLLTASKS(N) FOLLOWING LU00523). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00524 LU00549 R096580 R098429 S001400 S003942 S004458 S004757 S006116 S006334 S007810 S010908 S011694 S013889 S014338 S014782 S016174) SUP (LT00768 LT00938 LU00768 S010521 S014397 ST10521 ST14397) ++IF FMID(CINSK00) REQ(LU00937) . ++HOLD (LU00938) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21106) COMMENT (+-----+ CA 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.

Service	Details
	<pre> +-----+-----+ 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. 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.).</pre>

Service	Details
LU00940	LU00940 M.C.S. ENTRIES = ++PTF (LU00940) PANEL OPTION TO INCLUDE XML COLUMN DATA IN DML REPORTS ENHANCEMENT DESCRIPTION: With this enhancement, CA Log Analyzer for DB2 for z/OS (PLA) provides an option to include serialized XML record data in readable format to be part of a DML report of at least Detail level. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 13388 Copyright (C) 2021 CA. All rights reserved. R01384-D200-SP1 DESC(PANEL OPTION TO INCLUDE XML COLUMN DATA IN DML REPORTS). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00165 LU00238 LU00597 LU00759 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S006119 S006868 S007382 S007813 S008008 S008802 S008870 S009108 S009133 S009252 S009333 S010390 S010677 S011113 S011583 S011669 S011782 S011969 S012173 S012364 S012763 S012797 S012889 S012900 S012935 S013625 S013879 S014137 S014613 S014866 S015064 S015456 S015895) SUP (AS14137 LT00940 S010641 S014452 ST10641 ST14452) ++HOLD (LU00940) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (21117) COMMENT (<pre> +-----+ CA Log Analyzer for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA 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 CA Database Management Solutions for DB2 for z/OS on docops.ca.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! </pre>

Service	Details
	If CA 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.). CSECT(LAA\$BLDS,#@XFCALN). CSECT(LAA\$SEX,#@XFCALN). CSECT(LAA\$SRES,#@XFCALN). CSECT(LAA\$STRT,#@XFCALN). CSECT(LAA@CARD,LAA@MTHB,LAA@TRTB). CSECT(LAA@FCC,ASUTAB). CSECT(LAA@FCDR,LAA@FCTR). CSECT(LAA@FCR,LAA@FCTR). CSECT(LAA@FCS,ASUTAB). CSECT(LAA@RDML,#@XFCALN,LAIXMSG). CSECT(LAA@RDMS,#@XFCALN,LAIXMSG).

Service	Details
LU00964	LU00964 M.C.S. ENTRIES = ++PTF (LU00964) USER TASKS ALL HANG IN A DATA SHARING ENVIRONMENT PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) may give users of the UI the following error message: DBG550E9I All tasks are busy, please try again later This error may occur following the application of PTF LU00246. SYMPTOMS: Attempting to use the UI returns the following error: DBG550E9I All tasks are busy, please try again later This problem only occurs in a data sharing environment. IMPACT: The UI cannot be used. CIRCUMVENTION: Restart the data collector. PRODUCT(S) AFFECTED: Version 20.0 Related Problem: IDB2 13410 Copyright (C) 2021 CA. All rights reserved. R01385-D200-SP1 DESC(USER TASKS ALL HANG IN A DATA SHARING ENVIRONMENT). ++VER (Z038) FMID (CIDBK00) PRE (LU00246 S006862 S015931) SUP (AL00246 LT00884 LT00964)

Service	Details
LU00968	LU00968 M.C.S. ENTRIES = ++PTF (LU00968) U0055 ABEND WHEN SYNTAX CHECKING COMMENT ON INDEX IN BATCH PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the Syntax Checker ends with a U0055 abend when checking COMMENT ON INDEX in batch. SYMPTOMS: BXP018I THREAD 27COF80000000000, IN PROCESS 33686635, ENDED WITHOUT BEING UNDUBBED WITH COMPLETION CODE 00000037, AND REASON CODE 00000000. ABEND=S000 U0055 REASON=00000000 IMPACT: Users will not be able to validate syntactically correct COMMENT ON INDEX DDL. CIRCUMVENTION: Use ONLINE to check the syntax. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 13467 Copyright (C) 2021 CA. All rights reserved. R01386-D200-SP1 DESC(U0055 ABEND WHEN SYNTAX CHECKING COMMENT ON INDEX IN BATCH). ++VER (Z038) FMID (CINSK00) PRE (LU00432 LU00446 R099553 S001396 S006863 S007379 S009105 S011866 S011966 S012361 S012933 S014125 S014832 S015804) SUP (LT00968)

Service	Details
LU00973	LU00973 M.C.S. ENTRIES = ++PTF (LU00973) BUILD NON-PARTITIONED IX PREVIEW: YES HANGS & SIMULATE RC=8 PROBLEM DESCRIPTION: When CA Fast Recover for DB2 for z/OS (PFR) is rebuilding a non-partitioned index on a partitioned tablespace and the MAXTASKS value is greater than 1, PREVIEW YES and PREVIEW SIMULATE cannot be used. SYMPTOMS: If MAXTASKS > 1 is used with PREVIEW YES, the job hangs. If MAXTASKS > 1 is used with PREVIEW SIMULATE, the job ends with RC=8, indicating that problems occurred and the recovery is not complete. IMPACT: PREVIEW 'YES SIMULATE' cannot be used with MAXTASKS > 1 when rebuilding a non-partitioned index on a partitioned tablespace. CIRCUMVENTION: Use MAXTASKS 1. Related Problem: PFR 12765 Copyright (C) 2021 CA. All rights reserved. R01387-D200-SP1 DESC(BUILD NON-PARTITIONED IX PREVIEW: YES HANGS & SIMULATE RC=8). ++VER (Z038) FMID (CUGRK00) PRE (LU00141 LU00728 S004475 S008280 S011083 S012000 S012155 S013206 S014568 S015487) SUP (LT00973)

Service	Details
LU00982	LU00982 M.C.S. ENTRIES = ++PTF (LU00982) FIX ISSUE WITH SORT USING PF4 IN LOCKCONT REPORT PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) LOCKCONT report is sorted using the wrong column when the user presses PF4(SortTime). This is an issue for users who have Db2 12. SYMPTOMS: When the user presses PF4 in the LOCKCONT report, a sort is done based on column 25 instead of column 26. IMPACT: Users may see incorrect SORT results. CIRCUMVENTION: Use the SORT command manually. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 13409 Copyright (C) 2021 CA. All rights reserved. R01388-D200-SP1 DESC(FIX ISSUE WITH SORT USING PF4 IN LOCKCONT REPORT). ++VER (Z038) FMID (CIDBK00) PRE (R097703 R099552 S001395 S004454 S013557 S014099) SUP (LT00982)

Service	Details
LU00989	LU00989 M.C.S. ENTRIES = ++PTF (LU00989) TABLE DROP/CREATED WHEN LOB COLUMN SIZE IS INCREASED PROBLEM DESCRIPTION: CA RC/Migrator for DB2 for z/OS (RCM) generates DDL to drop and create the table if a LOB column of the table is altered to increase its size. SYMPTOMS: The generated script will include a drop and a create DDL for the table. IMPACT: The table is unnecessarily drop/created instead of altered. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 13437 Copyright (C) 2021 CA. All rights reserved. R01390-D200-SP1 DESC(TABLE DROP/CREATED WHEN LOB COLUMN SIZE IS INCREASED). ++VER (Z038) FMID (CINSK00) PRE (LU00446 R097704 R099553 S001396 S006113 S007379 S007807 S009105 S011691 S011866 S011966 S012361 S012933 S014125) SUP (LT00930 LT00989 S011737 ST11737)

Service	Details
LU01002	LU01002 M.C.S. ENTRIES = ++PTF (LU01002) INCLUDE/EXCLUDE ACTIVITY FROM COLLECTION BY CONNECTION TYPE ENHANCEMENT DESCRIPTION: CA Detector for DB2 for z/OS (PDT) has been enhanced to allow users to select specific connection types when specifying the selection criteria for SQL activity to be included in collection and/or excluded from collection. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 13035 Copyright (C) 2021 CA. All rights reserved. R01392-D200-SP1 DESC (INCLUDE/EXCLUDE ACTIVITY FROM COLLECTION BY CONNECTION TYPE). ++VER (Z038) FMID (CPDTK00) PRE (LU00124 LU00549 R096168 R096580 R097707 R098429 R099556 S000263 S001400 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S008129 S008323 S008789 S009065 S010538 S010908 S011694 S011983 S012538 S012921 S013887 S013889 S014338 S015395 S015723 S016174) SUP (AS06334 AS08129 AS13450 AS16113 LT00240 LT00307 LT00329 LT00402 LT00684 LT01002 LU00240 LU00329 LU00402 LU00684 R099946 S000423 S006838 S007988 S008446 S009239 S009601 S009828 S010018 S010492 S010652 S013450 S013655 S014680 S015843 S015927 S016113 ST00423 ST06838 ST07220 ST07988 ST08446 ST09239 ST09601 ST09828 ST10018 ST10492 ST10652 ST13450 ST13655 ST14680 ST15843 ST15927 ST16113 TR99946) ++HOLD (LU01002) SYSTEM FMID(CPDTK00) REASON (ENH) DATE (21110) COMMENT (+-----+ CA Detector for DB2 for z/OS Version 20.0 +-----+ SEQUENCE Before running CA Detector for Db2 for z/OS collections +-----+ PURPOSE Optionally excluding SQL activity from CA Detector collection by connection type. +-----+ USERS Users who run CA Detector collections. AFFECTED +-----+ KNOWLEDGE CA Detector administration. REQUIRED +-----+ ACCESS Update access to the CA Detector collection profiles. REQUIRED +-----+ ***** * Enhancement purpose/usage *

Service	Details		

	When you run CA Detector for DB2 for z/OS collections, you can now filter the collected data by connection type. A new field, Connection Type, has been added to the Add Include/Exclude Entry panel. This panel is accessible through your CA Detector collection profile. The ability to filter by connection type gives you more granular control over the collection of your Db2 application statistics, which helps you optimize the use of system resources. For more information, see "Limit Collection Activity" in the CA Detector documentation.		
	+-----+		
	).		
	++HOLD (LU01002) SYSTEM FMID(CPDTK00)		
	REASON (RESTART) DATE (21110)		
	COMMENT (		
	+-----+		
	CA 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. CA 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 CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.		
	).		

Service	Details
LU01030	LU01030 M.C.S. ENTRIES = ++PTF (LU01030) ARCHIVE TABLES UPDATES ENHANCEMENT DESCRIPTION: CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) updates the existing and introduces two new archive tables. The archive tables that are updated: SUBSYSTEM_DAILY, SUBSYSTEM_DETAIL APPLICATION_DAILY, APPLICATION_DETAIL SUBSYS_DDF_DAILY, SUBSYS_DDF_DETAIL SUBSYS_BP_DAILY, SUBSYS_BP_DETAIL SUBSYS_GBP_DAILY, SUBSYS_GBP_DETAIL SUBSYS_ACCEL_DAILY, SUBSYS_ACCEL_DETAIL SUBSYS_ACCEL_DAILY, SUBSYS_ACCEL_DETAIL SUBSYS_SQL_DETAIL_DYNAMIC_ACCEL SUBSYS_SQL_DETAIL_STATIC_ACCEL SUBSYS_ZPARMS Two new archive tables built on IFCID 369 data are introduced: SUBSYS_ACCT_BY_CONN_DETAIL SUBSYS_ACCT_BY_CONN_DAILY Refer to the documentation for details on each individual archive table change. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 12751 Copyright (C) 2021 CA. All rights reserved. R01395-D200-SP1 DESC (ARCHIVE TABLES UPDATES) . ++VER (Z038) FMID (CIDBK00) PRE (LU00697 R096575 R099552 S000077 S001395 S004454 S006112 S006862 S007806 S008846 S009519 S010160 S010739 S010906 S011616 S011780 S011977 S012483 S012769 S013508 S013557 S013891 S014099 S014754 S015049 S015070 S015254 S015647 S016270) SUP (LT01030 S014093 ST14093) ++HOLD (LU01030) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (21120) COMMENT (+-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS

Service	Details
	ACCESS Post Install customization libraries
	REQUIRED
	+-----+-----+-----+-----+
	The customer should plan to upgrade to the new archive tables.

	* STEPS TO PERFORM *

	1. Re-execute the DB2 Tools Post Install dialog.
	2. Run the Archive Table Migration Utility (NSIGMIGA). The sample JCL can be found in member ARCMIGUT in the installation SOURCE library.
	3. Run SQL statements from the ALTEROUT file.
	4. Modify your archive procedure to use the new LOAD statements and IQLs stored in the LOADOUT and IQLOUT libraries.
	). CSECT(IFCIDSCS) . CSECT(NFSUMC,NFSUM) . CSECT(NPLEXDAT,NPLEXSYM,SYMTBLE) .

Service	Details
LU01035	LU01035 M.C.S. ENTRIES = ++PTF (LU01035) TRACE RECORD WITH 4 BYTE LENGTH CAUSES U0052-24 PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector may fail with an ABEND code U0052 REASON CODE 24 if a DB2 trace record with a 4 byte length field is encountered in the READA (asynchronous) buffer. Records must contain the length in the first TWO bytes. DB2 PTF UI70730 corrects a problem that results in this error. The data collector system parameters HISTORY-ACCT=FILTER and HIST-CPUPARA-CHILD=YES must be used in order to encounter this error, and it may occur even with DB2 PTF UI70730 applied. SYMPTOMS: ABEND U0052-24 IMPACT: The Data Collector is terminated abnormally and must be restarted. CIRCUMVENTION: Change HISTORY-ACCT=FILTER to HISTORY-ACCT=YES until the PTF can be applied. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2545 Copyright (C) 2021 CA. All rights reserved. R01397-D200-SP1 DESC (TRACE RECORD WITH 4 BYTE LENGTH CAUSES U0052-24) . ++VER (Z038) FMID (CIDBK00) PRE (S001395 S006862 S010160 S011616 S012769 S013557) SUP (LT01035 S012078 ST06087 ST12078 ST16189)

Service	Details
LU01039	LU01039 M.C.S. ENTRIES = ++PTF (LU01039) NEW OPTION TO VERIFY ENVIRONMENT(VE) ENHANCEMENT DESCRIPTION: With this enhancement, CA Log Analyzer for DB2 for z/OS (PLA) includes a new option to verify the contents of PLA member of the CDBAPARM library. Suffixed members PLAx are not being checked. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 12753 Copyright (C) 2021 CA. All rights reserved. R01399-D200-SP1 DESC(NEW OPTION TO VERIFY ENVIRONMENT(VE)). ++VER (Z038) FMID (CINSK00) PRE (LU00131 LU00237 LU00254 LU00438 LU00723 R096576 R097704 R099553 S000016 S000785 S000978 S001396 S001655 S004250 S004455 S005011 S006113 S006608 S006863 S007379 S007807 S008869 S009183 S009761 S010004 S010173 S010200 S010676 S011078 S011084 S011684 S012115 S012149 S012547 S012715 S012933 S013484 S014174 S014381 S014566 S014865 S015311 S015709 S015760 S015804 S015980) SUP (LT01039 ST12171) ++IF FMID(CPLAK00) REQ(LU01040) . ++IF FMID(COFSK00) REQ(LU01053) . ++HOLD (LU01039) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21118) 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. 2. Stop the Xmanager task. </pre>

Service	Details
	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(GEZQUIE@) . CSECT(GEZTERM@) .

Service	Details
LU01040	LU01040 M.C.S. ENTRIES = ++PTF (LU01040) NEW OPTION TO VERIFY ENVIRONMENT(VE) ENHANCEMENT DESCRIPTION: With this enhancement, CA Log Analyzer for DB2 for z/OS (PLA) includes a new option to verify the contents of PLA member of the CDBAPARM library. Suffixed members PLAx are not being checked. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 12753 Copyright (C) 2021 CA. All rights reserved. R01399-D200-SP1 DESC(NEW OPTION TO VERIFY ENVIRONMENT(VE)). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00238 LU00356 LU00597 LU00672 LU00759 LU00882 LU00903 LU00940 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S004795 S006119 S006718 S006868 S007813 S008008 S008802 S008870 S009083 S009133 S009252 S009333 S010390 S010641 S010677 S011113 S011583 S011669 S011782 S012487 S012763 S012797 S012889 S012900 S013009 S013625 S014137 S014613 S014866 S015064 S015456 S015895 S016075) SUP (LT00480 LT01040 LU00480 S013224 S015531 ST13224 ST15531) ++IF FMID(COFSK00) REQ(LU01053) . ++IF FMID(CINSK00) REQ(LU01039) . ++HOLD (LU01040) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (21118) COMMENT (<pre> +-----+ CA Log Analyzer for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA 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 CA Database Management </pre>

Service	Details
	Solutions for DB2 for z/OS on docops.ca.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 CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.). ++HOLD (LU01040) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (21118) COMMENT (<pre> +-----+ CA Log Analyzer for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA 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
LU01041	LU01041 M.C.S. ENTRIES = ++PTF (LU01041) MOVE SAVED USER HISTORY TABLES ABOVE THE BAR PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector may run low on storage if many users are performing system history or thread history functions in the User Interface (UI). User tables containing history data will now be stored above the bar until needed. SYMPTOMS: Storage related ABENDs (S878, S80A) may occur. IMPACT: The data collector may terminate abnormally and need to be restarted. CIRCUMVENTION: Avoid using history functions in the UI. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 13314 Copyright (C) 2021 CA. All rights reserved. R01400-D200-SP1 DESC(MOVE SAVED USER HISTORY TABLES ABOVE THE BAR). ++VER (Z038) FMID (CIDBK00) PRE (LU00253 LU00299 LU00881 R096575 R097703 R099552 S001395 S004454 S006112 S006862 S006977 S007806 S008279 S008846 S009519 S009556 S010160 S011616 S011977 S012769 S013557 S013891 S014016 S014099 S014164 S014389 S014642 S014923 S015070 S015254 S015931 S016116 S016200 S016300) SUP (LT01036 LT01041 S013032 ST05936 ST13032) ++HOLD (LU01041) SYSTEM FMID(CIDBK00) REASON (DOC) DATE (21118) COMMENT (<pre> +-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 +-----+ ***** * PUBLICATION * ***** A new data collector SYSPARM HIST-USERTAB-64BIT=NO YES has been added to support user history tables above the 2 Gigabyte bar.). CSECT(NTABLE6C,NTABLE64). CSECT(NUHSTRDC,NUHSTRDM). </pre>

Service	Details
LU01042	LU01042 M.C.S. ENTRIES = ++PTF (LU01042) ENHANCED PROCESSING OF INCORRECTLY FORMED RECORDS IN BATCH PROBLEM DESCRIPTION: CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) issues an ABEND when the record being processed has an incorrectly formed product section. In BATCH, these records are now discarded and processing continues. A new message is issued for each incompatible record found: DBG37047W - INCOMPATIBLE DB2 TRACE RECORD IFCID=NNNN DISCARDED. TIMESTAMP OF RECORD XXXXXXXXXXXXXXXX. SYMPTOMS: An ABEND131 when running batch writer. IMPACT: SMF data containing broken records cannot be processed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 13327 Copyright (C) 2021 CA. All rights reserved. R01401-D200-SP1 DESC(ENHANCED PROCESSING OF INCORRECTLY FORMED RECORDS IN BATCH). ++VER (Z038) FMID (CIDBK00) PRE (LU00253 R096575 R099552 S001395 S006112 S006862 S008846 S010160 S010906 S011977 S013508 S013891 S015070 S015254) SUP (LT01042) CSECT(NGR1043C,NGR1043#). CSECT(NSIFMTRC,NSIFMTR#). CSECT(NSIRECCP,NSIRECC#). CSECT(NSISQLGR,NSISQLG#).

Service	Details
LU01053	LU01053 M.C.S. ENTRIES = ++PTF (LU01053) NEW OPTION TO VERIFY ENVIRONMENT(VE) ENHANCEMENT DESCRIPTION: With this enhancement, CA Log Analyzer for DB2 for z/OS (PLA) includes a new option to verify the contents of PLA member of the CDBAPARM library. Suffixed members PLAx are not being checked. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 12753 Copyright (C) 2021 CA. All rights reserved. R01399-D200-SP1 DESC(NEW OPTION TO VERIFY ENVIRONMENT(VE)). ++VER (Z038) FMID (COFSK00) PRE (LU00531 LU00644 R096577 R097705 R099554 S001397 S001666 S004456 S006114 S006864 S007808 S008579 S008663 S009762 S010029 S015225 S015440) SUP (LT00200 LT01053 ST09327 ST16272) ++IF FMID(CPLAK00) REQ(LU01040) . ++IF FMID(CINSK00) REQ(LU01039) .

Service	Details
LU01056	LU01056 M.C.S. ENTRIES = ++PTF (LU01056) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. This enhancement introduces an internal feature query service. These updates require no action on your part. Additional information will be provided when the architectural enhancement is ready for release. PRODUCT(S) AFFECTED: CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: GEN 1416 Copyright (C) 2021 CA. All rights reserved. R01403-D200-SP1 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CINSK00) SUP (LT01019 LT01056)

Service	Details
LU01068	LU01068 M.C.S. ENTRIES = ++PTF (LU01068) CODE TO SUPPORT A FUTURE ENHANCEMENT IN PPA ENHANCEMENT DESCRIPTION: This enhancement consists of code to support a future enhancement. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 13004 Copyright (C) 2021 CA. All rights reserved. R01406-D200-SP1 DESC(CODE TO SUPPORT A FUTURE ENHANCEMENT IN PPA). ++VER (Z038) FMID (CPPAK00) PRE (LU00440 LU00646 R096584 S000021 S001404 S004462 S006120 S006869 S008581 S010000 S010714 S011810 S012068 S012267 S012655 S015691) SUP (LT01025 LT01068) ++HOLD (LU01068) SYSTEM FMID(CPPAK00) REASON (MSGSKEL) DATE (21116) COMMENT (<pre> +-----+ CA Plan Analyzer for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). CSECT(PPA#CVT,#@XFCALN,BTCHCNTL) . CSECT(PPA@DATA,@DATX,PPA@DAT9) . CSECT(PPA@EOUT,@EOUT) . </pre>

Service	Details
LU01100	LU01100 M.C.S. ENTRIES = ++PTF (LU01100) VALUE FOR %DSMAX FIELD ON THE HSDRAIN REPORT IS ALWAYS ZERO PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) does not populate the value for "%DSMAX" field (current number of database data sets open as a percentage of the DSMAX ZPARM parameter) on the HSDRAIN (Open Dataset Counts & Drains History) report. SYMPTOMS: The value for "%DSMAX" field on the HSDRAIN report is always zero. IMPACT: The "%DSMAX" field on the HSDRAIN report cannot be used for analysis. CIRCUMVENTION: Change the HSDRAIN request and include IFCID 106 in the list of trace records that the STATS history file collects. The HIST-STATS-RECS system parameter contains the list. Replace this line -> STATS1.DATASETS=PCT (PF=N4.1) by that line -> AVG(DS-CURR-OPEN/DSNZPARM.DSMAX) (PF=N4.1/-2) PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS 20.0 Related Problem: IDB2 13118 Copyright (C) 2021 CA. All rights reserved. R01408-D200-SP1 DESC(VALUE FOR %DSMAX FIELD ON THE HSDRAIN REPORT IS ALWAYS ZERO). ++VER (Z038) FMID (CIDBK00) PRE (LU00545 R096575 R099552 S001395 S004454 S006862 S007806 S008846 S010160 S010405 S010716 S011616 S011780 S012769 S013557 S013891 S014099 S014754 S015070 S015647) SUP (LT01100)

Service	Details	
LU01126	LU01126 M.C.S. ENTRIES = ++PTF (LU01126)	
	AUTOMATIC SUPPRESSION OF INDEX REORGANIZATION FAILS PROBLEM DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) may fail to suppress the Index REORG when DISABLE_AUTO_IX_RO_SUPP is set to 'N' in the PDA Parmlib Member, and not all Tablespace partitions are selected for processing. SYMPTOMS: Generated REORG JCL includes both a REORG of the Tablespace and a REORG of the related Index. IMPACT: An unnecessary REORG of the Index is scheduled which could conflict with the Tablespace REORG when run in parallel. Unnecessary system resources will be used. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 13522 Copyright (C) 2021 CA. All rights reserved. R01413-D200-SP1	
	DESC(AUTOMATIC SUPPRESSION OF INDEX REORGANIZATION FAILS). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 LU00314 LU00891 S000017) SUP (LT01067 LT01126 S004010 ST04010)	
	MCS	LU00581 STARTS ON PAGE 0002
	MCS	LU00592 STARTS ON PAGE 0024
	MCS	LU00678 STARTS ON PAGE 0025
	MCS	LU00697 STARTS ON PAGE 0026
	MCS	LU00698 STARTS ON PAGE 0028
	MCS	LU00759 STARTS ON PAGE 0029
	MCS	LU00768 STARTS ON PAGE 0033
	MCS	LU00769 STARTS ON PAGE 0034
	MCS	LU00794 STARTS ON PAGE 0035
	MCS	LU00795 STARTS ON PAGE 0035
	MCS	LU00839 STARTS ON PAGE 0036
	MCS	LU00847 STARTS ON PAGE 0040
	MCS	LU00858 STARTS ON PAGE 0044
	MCS	LU00859 STARTS ON PAGE 0045
	MCS	LU00863 STARTS ON PAGE 0047
	MCS	LU00881 STARTS ON PAGE 0047
	MCS	LU00882 STARTS ON PAGE 0048
	MCS	LU00886 STARTS ON PAGE 0050
	MCS	LU00887 STARTS ON PAGE 0051
	MCS	LU00890 STARTS ON PAGE 0053
	MCS	LU00891 STARTS ON PAGE 0054
	MCS	LU00903 STARTS ON PAGE 0055
	MCS	LU00914 STARTS ON PAGE 0056
	MCS	LU00921 STARTS ON PAGE 0057
	MCS	LU00923 STARTS ON PAGE 0059
	MCS	LU00925 STARTS ON PAGE 0060
	MCS	LU00937 STARTS ON PAGE 0061

Service	Details		
	MCS	LU00938	STARTS ON PAGE 0063
	MCS	LU00940	STARTS ON PAGE 0065
	MCS	LU00964	STARTS ON PAGE 0068
	MCS	LU00968	STARTS ON PAGE 0069
	MCS	LU00973	STARTS ON PAGE 0070
	MCS	LU00982	STARTS ON PAGE 0070
	MCS	LU00989	STARTS ON PAGE 0071
	MCS	LU01002	STARTS ON PAGE 0072
	MCS	LU01030	STARTS ON PAGE 0075
	MCS	LU01035	STARTS ON PAGE 0078
	MCS	LU01039	STARTS ON PAGE 0079
	MCS	LU01040	STARTS ON PAGE 0080
	MCS	LU01041	STARTS ON PAGE 0085
	MCS	LU01042	STARTS ON PAGE 0086
	MCS	LU01053	STARTS ON PAGE 0087
	MCS	LU01056	STARTS ON PAGE 0087
	MCS	LU01068	STARTS ON PAGE 0088
	MCS	LU01100	STARTS ON PAGE 0090
	MCS	LU01126	STARTS ON PAGE 0091

CA DB2 Tools 20.0
CA RS 2105 Product/Component Listing

91

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 2105 Product/Component Count for this release is 27

CA RS Level	Service	FMID
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
	LU00698	CINSK00
	LU00697	CIDBK00
	LU00678	CINSK00
	LU00592	CINSK00
	LU00581	CPRFK00
CAR2104	LU00728	CUGRK00

CA RS Level	Service	FMID
	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
	LU00439	CPBAK00
	LU00438	CINSK00
	LU00437	CPUTK00
	LU00436	CPFLK00
	LU00435	CINSK00
	LU00434	CIDBK00

CA RS Level	Service	FMID
	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
	LU00329	CPDTK00
	LU00282	CIDBK00
	LU00281	CPFUK00
	LU00257	CPDAK00
	LU00256	CPDAK00
	LU00254	CINSK00

CA RS Level	Service	FMID
	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
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	S016217	CPUTK00
	S016206	CPDAK00
	S016205	CINSK00

CA RS Level	Service	FMID
	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
	S015927	CPDTK00
	S015913	CIDBK00
	S015908	CINSK00
	S015895	CPLAK00
	S015868	CINSK00
	S015867	CINSK00

CA RS Level	Service	FMID
	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
	S015482	CINSK00
	S015480	CUTSK00
	S015457	CPUTK00
	S015456	CPLAK00
	S015455	CINSK00
	S015450	CRCQK00

CA RS Level	Service	FMID
	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
	S015049	CIDBK00
	S015045	CINSK00
	S015031	CINSK00
	S015015	CPFLK00
	S015004	CINSK00
CAR2010	S014984	CPFUK00

CA RS Level	Service	FMID
	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
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	S014623	CINSK00
	S014615	CINSK00
	S014613	CPLAK00

CA RS Level	Service	FMID
	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
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	S013888	CINSK00
CAR2008	S014252	CPFLK00
	S014235	CPDTK00

CA RS Level	Service	FMID
	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
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	S013825	CIDBK00
	S013814	CINSK00
	S013807	CINSK00

CA RS Level	Service	FMID
	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
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	S013453	CINSK00
	S013450	CPDTK00
	S013437	CPFUK00

CA RS Level	Service	FMID
	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
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00

CA RS Level	Service	FMID
	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
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00

CA RS Level	Service	FMID
	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
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00

CA RS Level	Service	FMID
	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
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00

CA RS Level	Service	FMID
	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
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00

CA RS Level	Service	FMID
	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
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00

CA RS Level	Service	FMID
	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
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00

CA RS Level	Service	FMID
	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
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00

CA RS Level	Service	FMID
	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
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00

CA RS Level	Service	FMID
	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
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00

CA RS Level	Service	FMID
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCSK00
	S009865	CRCQK00
	S009864	CPRFK00
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00

CA RS Level	Service	FMID
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCCK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	S009135	CPUTK00

CA RS Level	Service	FMID
	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
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00

CA RS Level	Service	FMID
	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
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00

CA RS Level	Service	FMID
	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
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00

CA RS Level	Service	FMID
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00
	S007856	CINSK00
CAR1904	S007826	CUGRK00
	S007825	CTGRK00
	S007824	CRCUK00
	S007823	CRCCK00
	S007822	CRCQK00
	S007821	CRCMK00
	S007820	CPUTK00
	S007819	CPSAK00
	S007818	CPRRK00
	S007815	CPRFK00
	S007814	CPPAK00
	S007813	CPLAK00
	S007812	CPFUK00
	S007811	CPFLK00
	S007810	CPDTK00
	S007809	CPDAK00
	S007808	COFSK00
	S007807	CINSK00
	S007806	CIDBK00
	S007804	CAHOK00
	S007774	CINSK00
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00
	S007169	CINSK00
CAR1903	S007412	CINSK00
	S007384	CRCXK00

CA RS Level	Service	FMID
	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
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00

CA RS Level	Service	FMID
	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
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00

CA RS Level	Service	FMID
	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
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100

CA RS Level	Service	FMID
	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
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00

CA RS Level	Service	FMID
	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
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00

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

CA RS Level	Service	FMID
	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
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	R096579	CPDAK00
	R096578	CPBAK00
	R096577	COFSK00

CA RS Level	Service	FMID
	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