

Service	Description	Type
LU00123	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU00124	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU00127	TOTAL DROPPED OBJECT COUNT IS WRONG IN CHANGE ANALYSIS RPT	PTF
LU00131	BYPASS EXTRACT	PTF
LU00132	BYPASS EXTRACT	PTF
LU00133	BYPASS EXTRACT	PTF
LU00134	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
LU00135	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
LU00136	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
LU00137	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
LU00138	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
LU00139	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
LU00140	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
LU00141	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
LU00145	SUPPORT FOR LISTDEF IN RUNSTATS ACTION JCL	PTF
LU00146	SUPPORT FOR LISTDEF IN RUNSTATS ACTION JCL	PTF
LU00147	SUPPORT FOR LISTDEF IN RUNSTATS ACTION JCL	PTF
LU00152	SOC4 IN ACCUMULATE WHEN CHANGE ACCUMULATION DATASET IN USE	PTF
LU00159	ABEND SOC4 AMXACTC2+1EEE	PTF
LU00162	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
LU00165	RECOVER STATISTICS FOR IMPLICIT OBJECTS IN ADOR	PTF
LU00176	SQL ERROR TEXT NOT COLLECTED FOR DISTSERV CALL STATEMENT	PTF
LU00178	ABENDS IN FLL\$ARLD, FLLUTS2, UTLGLRI2, OR UTAGLIOE	** PRP **
LU00194	ABENDS IN FLL\$ARLD, FLLUTS2, UTLGLRI2, OR UTAGLIOE	PTF
LU00207	UPDATES TO PRF PRODUCT SUPPORT/HELP SCREENS	PTF
LU00216	CATALOG QUERY PERFORMANCE ISSUE	PTF
LU00217	CATALOG QUERY PERFORMANCE ISSUE	PTF
LU00227	THE RECOVERY ESTIMATOR NOW SUPPORTS QUOTES (' / \").	PTF
LU00237	ONLINE MODE REPORT FAILS WITH THE MESSAGE LAE0032E	PTF
LU00238	ONLINE MODE REPORT FAILS WITH THE MESSAGE LAE0032E	PTF
LU00240	INACCURATE SYSTAT VALUES FOLLOWING SO15843	** PRP **
LU00242	JAVA STORED PROC EXTERNAL_NAME MISSING JARSCHEMA & JAR_ID	PTF
LU00246	REDUCE TIME HOLDING LOCAL LOCK FOR DATA SHARING REQUESTS	PTF
LU00247	S878-10 WITH MULTIPLE SYSULD INPUT DATASETS	PTF
LU00248	S878-10 WITH MULTIPLE SYSULD INPUT DATASETS	PTF
LU00250	PROBLEMS ON INFO SCREEN WHEN NON-EXISTENT DATASET IS USED	PTF
LU00253	ENHANCING ERROR HANDLING OF ASYNCHORONOUS DYNAMIC-SQL-STATS	PTF
LU00254	INTERNAL ENHANCEMENT TO USE XMAN SERVICES	PTF
LU00256	INTERNAL ENHANCEMENT TO USE XMAN SERVICES	PTF
LU00257	EXTRACT PROCEDURE JOB ABENDS WITH SOC4 IN RALUBLD AT 015D5C	** PRP **
LU00281	S106/S878/S40D ABENDS WITH PART-SEPARATE YES	PTF
LU00282	EXCEPTION SYSTEM MAY NOT COMPUTE DELTA EXCEPTIONS PROPERLY	PTF
LU00329	DETECTOR MAY MISS -805 SQL ERROR FOR DISTRIBUTED THREAD	PTF
LU00356	IMAGE COPY STATUS REPORT DISPLAYS INCORRECT RESULTS	PTF
SO13729	RCQ T-IF REPORT ABENDS WITH SOC4	PTF
SO14357	QTXA PARALLEL THREADS ACCUMULATION FIX	PTF
SO15817	LOG ACCUMULATION ABEND SOC4 IN ICEIPUT	PTF

CA DB2 Tools 20.0
CA RS 2103 Service List

Service	Description	Type
S016295	CHANGE DEFAULT DB2VER TO 12.1 IN REPORT WRITER SYSPARMS	PTF
The CA RS 2103 service count for this release is 48		

CA DB2 Tools
CA RS 2103 Service List for CIDBK00

FMID	Service	Description	Type
CIDBK00	LU00134	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
	LU00159	ABEND SOC4 AMXACTC2+1EEE	PTF
	LU00246	REDUCE TIME HOLDING LOCAL LOCK FOR DATA SHARING REQUESTS	PTF
	LU00253	ENHANCING ERROR HANDLING OF ASYNCHORONOUS DYNAMIC-SQL-STATS	PTF
	LU00282	EXCEPTION SYSTEM MAY NOT COMPUTE DELTA EXCEPTIONS PROPERLY	PTF
	SO14357	QTXA PARALLEL THREADS ACCUMULATION FIX	PTF
	SO16295	CHANGE DEFAULT DB2VER TO 12.1 IN REPORT WRITER SYSPARMS	PTF
The CA RS 2103 service count for this FMID is 7			

CA DB2 Tools
CA RS 2103 Service List for CINSK00

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FMID	Service	Description	Type
CINSK00	LU00123	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	LU00127	TOTAL DROPPED OBJECT COUNT IS WRONG IN CHANGE ANALYSIS RPT	PTF
	LU00131	BYPASS EXTRACT	PTF
	LU00135	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
	LU00145	SUPPORT FOR LISTDEF IN RUNSTATS ACTION JCL	PTF
	LU00162	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	LU00216	CATALOG QUERY PERFORMANCE ISSUE	PTF
	LU00227	THE RECOVERY ESTIMATOR NOW SUPPORTS QUOTES (' / \") .	PTF
	LU00237	ONLINE MODE REPORT FAILS WITH THE MESSAGE LAE0032E	PTF
	LU00242	JAVA STORED PROC EXTERNAL_NAME MISSING JARSCHEMA & JAR_ID	PTF
	LU00254	INTERNAL ENHANCEMENT TO USE XMAN SERVICES	PTF
The CA RS 2103 service count for this FMID is 11			

CA DB2 Tools
CA RS 2103 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	LU00146	SUPPORT FOR LISTDEF IN RUNSTATS ACTION JCL	PTF
	LU00256	INTERNAL ENHANCEMENT TO USE XMAN SERVICES	PTF
	LU00257	EXTRACT PROCEDURE JOB ABENDS WITH SOC4 IN RALUBLD AT 015D5C	** PRP **
The CA RS 2103 service count for this FMID is 3			

CA DB2 Tools
CA RS 2103 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	LU00124	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	LU00176	SQL ERROR TEXT NOT COLLECTED FOR DISTSERV CALL STATEMENT	PTF
	LU00240	INACCURATE SYSTAT VALUES FOLLOWING SO15843	** PRP **
	LU00329	DETECTOR MAY MISS -805 SQL ERROR FOR DISTRIBUTED THREAD	PTF
The CA RS 2103 service count for this FMID is 4			

CA DB2 Tools
CA RS 2103 Service List for CPFLK00

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FMID	Service	Description	Type
CPFLK00	LU00136	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
	LU00178	ABENDS IN FLL\$ARLD, FLLUTS2, UTLGLRI2, OR UTAGLIOE	** PRP **
	LU00247	S878-10 WITH MULTIPLE SYSULD INPUT DATASETS	PTF
The CA RS 2103 service count for this FMID is 3			

CA DB2 Tools
CA RS 2103 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	LU00137	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
	LU00217	CATALOG QUERY PERFORMANCE ISSUE	PTF
	LU00281	S106/S878/S40D ABENDS WITH PART-SEPARATE YES	PTF
The CA RS 2103 service count for this FMID is 3			

CA DB2 Tools
CA RS 2103 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	LU00132	BYPASS EXTRACT	PTF
	LU00138	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
	LU00165	RECOVER STATISTICS FOR IMPLICIT OBJECTS IN ADOR	PTF
	LU00238	ONLINE MODE REPORT FAILS WITH THE MESSAGE LAE0032E	PTF
	LU00356	IMAGE COPY STATUS REPORT DISPLAYS INCORRECT RESULTS	PTF
The CA RS 2103 service count for this FMID is 5			

CA DB2 Tools
CA RS 2103 Service List for CPRFK00

FMID	Service	Description	Type
CPRFK00	LU00207	UPDATES TO PRF PRODUCT SUPPORT/HELP SCREENS	PTF
	LU00250	PROBLEMS ON INFO SCREEN WHEN NON-EXISTENT DATASET IS USED	PTF
The CA RS 2103 service count for this FMID is 2			

CA DB2 Tools
CA RS 2103 Service List for CPRRK00

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FMID	Service	Description	Type
CPRRK00	LU00139	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
The CA RS 2103 service count for this FMID is 1			

CA DB2 Tools
CA RS 2103 Service List for CPUTK00

FMID	Service	Description	Type
CPUTK00	LU00133	BYPASS EXTRACT	PTF
	LU00140	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
	LU00194	ABENDS IN FLL\$ARLD, FLLUTS2, UTLGLRI2, OR UTAGLIOE	PTF
	LU00248	S878-10 WITH MULTIPLE SYSULD INPUT DATASETS	PTF
The CA RS 2103 service count for this FMID is 4			

CA DB2 Tools
CA RS 2103 Service List for CRCQK00

FMID	Service	Description	Type
CRCQK00	LU00147	SUPPORT FOR LISTDEF IN RUNSTATS ACTION JCL	PTF
	S013729	RCQ T-IF REPORT ABENDS WITH SOC4	PTF
The CA RS 2103 service count for this FMID is 2			

CA DB2 Tools
CA RS 2103 Service List for CUGRK00

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FMID	Service	Description	Type
CUGRK00	LU00141	ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS	PTF
	LU00152	SOC4 IN ACCUMULATE WHEN CHANGE ACCUMULATION DATASET IN USE	PTF
	SO15817	LOG ACCUMULATION ABEND SOC4 IN ICEIPUT	PTF
The CA RS 2103 service count for this FMID is 3			

Service	Details
LU00123	LU00123 M.C.S. ENTRIES = ++PTF (LU00123) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. When the architectural enhancement is ready for release, additional information will be provided. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1726 Copyright (C) 2021 CA. All rights reserved. R01271-D200-SP1 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R097823 R098087 R098859 R099553 S000016 S004455 S006113 S006863 S007807 S009785 S010004 S012715 S012924 S014566) SUP (LT00123 ST16273 ST16275) ++IF FMID(CPDTK00) REQ(LU00124) . ++HOLD (LU00123) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21032) 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. 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 </pre>

Service	Details
	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
LU00124	LU00124 M.C.S. ENTRIES = ++PTF (LU00124) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. When the architectural enhancement is ready for release, additional information will be provided. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1726 Copyright (C) 2021 CA. All rights reserved. R01271-D200-SP1 DESC (INFRASTRUCTURE FOR FUTURE ENHANCEMENT) . ++VER (Z038) FMID (CPDTK00) PRE (R096580 R097707 R098088 R098429 S001400 S003942 S004458 S004757 S006116 S006334 S007810 S008244 S010908 S011694 S013616 S013889 S014338 S016174) SUP (LT00124 S008204 S010521 S014397 S014782 ST08204 ST10521 ST11973 ST14397 ST14782 ST16274 ST16276) ++IF FMID(CINSK00) REQ(LU00123) . ++HOLD (LU00124) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21032) 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. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with </pre>

Service	Details
	Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.).

Service	Details
LU00127	LU00127 M.C.S. ENTRIES = ++PTF (LU00127) TOTAL DROPPED OBJECT COUNT IS WRONG IN CHANGE ANALYSIS RPT PROBLEM DESCRIPTION: When using CA RC/Compare for DB2 for z/OS(RCC) to exclude the unpaired dependent objects, the analysis generates incorrect count for the 'TOTAL DROPPED OBJECTS:' of Change Analysis report. SYMPTOMS: The 'TOTAL DROPPED OBJECTS:' count is incorrect. IMPACT: Causes confusion to the customer. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCC 746 Copyright (C) 2021 CA. All rights reserved. R01272-D200-SP1 DESC(TOTAL DROPPED OBJECT COUNT IS WRONG IN CHANGE ANALYSIS RPT). ++VER (Z038) FMID (CINSK00) PRE (R099553 S000016 S001396 S004718 S006113 S006638 S007379 S009105 S011691 S011966 S012361 S012933 S013985 S015804) SUP (LT00127 S011696 S016053 ST11696 ST16053) CSECT(RMA@CMNP,#@XFCALN). CSECT(RMA@REP4,NDELHD4A,NDELHD4B). CSECT(RMAXMAX,#@XFCALN).

Service	Details
LU00131	LU00131 M.C.S. ENTRIES = ++PTF (LU00131) BYPASS EXTRACT CA Log Analyzer for Db2 for z/OS (PLA) adds a new parameter Create Extract File. This parameter allows a bypass of the extract file. Instead of using the extract file, the data is passed from the log extract process to the report process through the internal structure. The new parameter is set on the Report Source Specification panel and CA Log Analyzer Profile panel: Create Extract File ==> Y (Y / N) PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1304 Copyright (C) 2021 CA. All rights reserved. R01273-D200-SP1 DESC(BYPASS EXTRACT) . ++VER (Z038) FMID (CINSK00) PRE (LU00123 R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004250 S004455 S005011 S006113 S006608 S006863 S007379 S007807 S008869 S009761 S009785 S010004 S010173 S010200 S010676 S011078 S011084 S011684 S012715 S014174 S014381 S014566 S014865 S015311 S015709 S015980) SUP (LT00131 ST12171 ST12714 ST15926 ST16243 ST16296) ++IF FMID(CPLAK00) REQ(LU00132) . ++IF FMID(CPUTK00) REQ(LU00133) . ++HOLD (LU00131) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21033) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE Before Apply +-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. +-----+ ACCESS 1. Product runtime libraries. REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. </pre>

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

Service	Details
LU00132	LU00132 M.C.S. ENTRIES = ++PTF (LU00132) BYPASS EXTRACT CA Log Analyzer for Db2 for z/OS (PLA) adds a new parameter Create Extract File. This parameter allows a bypass of the extract file. Instead of using the extract file, the data is passed from the log extract process to the report process through the internal structure. The new parameter is set on the Report Source Specification panel and CA Log Analyzer Profile panel: Create Extract File ==> Y (Y / N) PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1304 Copyright (C) 2021 CA. All rights reserved. R01273-D200-SP1 DESC(BYPASS EXTRACT) . ++VER (Z038) FMID (CPLAK00) PRE (R096583 R097709 R099559 S000020 S000975 S001403 S001641 S004245 S004461 S004795 S006119 S006718 S007813 S008008 S008802 S008870 S009133 S009252 S009333 S010390 S010641 S010677 S011113 S011583 S011669 S012487 S012763 S012797 S012889 S012900 S013009 S013625 S013879 S014137 S014866 S015064 S015456 S016075) SUP (AS14137 LT00132 S014452 S015531 ST14452 ST15531 ST16244 ST16297) ++IF FMID(CPUTK00) REQ(LU00133) . ++IF FMID(CINSK00) REQ(LU00131) . ++HOLD (LU00132) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (21033) 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. </pre>

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

Service	Details
LU00133	LU00133 M.C.S. ENTRIES = ++PTF (LU00133) BYPASS EXTRACT CA Log Analyzer for Db2 for z/OS (PLA) adds a new parameter Create Extract File. This parameter allows a bypass of the extract file. Instead of using the extract file, the data is passed from the log extract process to the report process through the internal structure. The new parameter is set on the Report Source Specification panel and CA Log Analyzer Profile panel: Create Extract File ==> Y (Y / N) PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1304 Copyright (C) 2021 CA. All rights reserved. R01273-D200-SP1 DESC(BYPASS EXTRACT) . ++VER (Z038) FMID (CPUTK00) PRE (S004248 S004469 S004798 S007820 S008803 S010678 S011114 S012901 S013626 S013880 S014567) SUP (LT00133 ST15922 ST16245 ST16298) ++IF FMID(CPLAK00) REQ(LU00132) . ++IF FMID(CINSK00) REQ(LU00131) .

Service	Details
LU00134	LU00134 M.C.S. ENTRIES = ++PTF (LU00134) The following items are included in this solution: 1. ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS 2. EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ===== ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS ENHANCEMENT DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) adds the new keyword KEEP-SIMULATION-SHADOWS YES/NO with a default of NO. This keyword is valid only with PREVIEW SIMULATE. KEEP-SIMULATION-SHADOWS NO automatically deletes the shadow Db2 VSAM datasets when PREVIEW SIMULATE finishes. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1069 ===== EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ENHANCEMENT DESCRIPTION: Extend PTM@MMGR to accept NORMAL DISP and ABNORMAL DISP parameters for OPEN calls. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCTS AFFECTED: PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 479 Copyright (C) 2021 CA. All rights reserved. R01274-D200-SP1 DESC(ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS) . ++VER (Z038) FMID (CIDBK00) PRE (S000015 S004454 S005010 S008846 S010160 S015931) SUP (LT00134 TR99751 TR99766 TR99781 TR99796 TR99811 TR99863) ++IF FMID(CINSK00) REQ(LU00135) . ++IF FMID(CPFLK00) REQ(LU00136) . ++IF FMID(CPFUK00) REQ(LU00137) . ++IF FMID(CPLAK00) REQ(LU00138) . ++IF FMID(CPRRK00) REQ(LU00139) . ++IF FMID(CPUTK00) REQ(LU00140) . ++IF FMID(CUGRK00) REQ(LU00141 S013586) .

Service	Details
LU00135	LU00135 M.C.S. ENTRIES = ++PTF (LU00135) The following items are included in this solution: 1. ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS 2. EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ===== ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS ENHANCEMENT DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) adds the new keyword KEEP-SIMULATION-SHADOWS YES/NO with a default of NO. This keyword is valid only with PREVIEW SIMULATE. KEEP-SIMULATION-SHADOWS NO automatically deletes the shadow Db2 VSAM datasets when PREVIEW SIMULATE finishes. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1069 ===== EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ENHANCEMENT DESCRIPTION: Extend PTM@MMGR to accept NORMAL DISP and ABNORMAL DISP parameters for OPEN calls. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCTS AFFECTED: PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 479 Copyright (C) 2021 CA. All rights reserved. R01274-D200-SP1 DESC(ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS) . ++VER (Z038) FMID (CINSK00) PRE (RO96576 S000016 S001396 S004244 S004250 S004455 S004718 S004794 S004855 S005011 S006638 S006863 S007955 S008313 S009022 S010389 S010676 S011112 S011234 S012899 S013071 S013624 S014029 S014731 S015455) SUP (AS11234 LT00135 S008016 S009818 S010639 S013320 S015770 ST08016 ST09818 ST10639 ST13320 ST15617 ST15628 ST15770 ST15955) ++IF FMID(CPFLK00) REQ(LU00136) . ++IF FMID(CPFUK00) REQ(LU00137) . ++IF FMID(CPLAK00) REQ(LU00138) . ++IF FMID(CPRRK00) REQ(LU00139) . ++IF FMID(CPUTK00) REQ(LU00140) . ++IF FMID(CUGRK00) REQ(LU00141 S013586) . ++IF FMID(CIDBK00) REQ(LU00134) . ++HOLD (LU00135) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21035)

Service	Details
	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. 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 (PTA@MMTE, #@XFCALR) . CSECT (RAASIX2, OPENDB, OPENERR, COLLESTG, IDPKEYDP, IXDIRPAG, INITSTAT, HIGHVALS) . CSECT (RAASTB, SEGTBL04, SEGTBL08, SEGTBL16, SEGTBL32, SETSPM#, INVEDPRC, FSSMPLNG, GETDECOMP, COLLESTG, GETDCTN, SYSP_RTN, HEADRTN, GETSEQ, GETDIRP, OPENFILE, CLOSFILE, OPENDSPR, EXCPERR, EXCPGETB, MAPAUDT, PAGEAUDT, SPMSTATS, SEGROUN, INITSTAT, CHKPMASK, CHKSPMAP, PROCPREC, VREX#CE, RELOC) . </pre>

Service	Details
LU00136	LU00136 M.C.S. ENTRIES = ++PTF (LU00136) The following items are included in this solution: 1. ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS 2. EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ===== ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS ENHANCEMENT DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) adds the new keyword KEEP-SIMULATION-SHADOWS YES/NO with a default of NO. This keyword is valid only with PREVIEW SIMULATE. KEEP-SIMULATION-SHADOWS NO automatically deletes the shadow Db2 VSAM datasets when PREVIEW SIMULATE finishes. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1069 ===== EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ENHANCEMENT DESCRIPTION: Extend PTM@MMGR to accept NORMAL DISP and ABNORMAL DISP parameters for OPEN calls. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCTS AFFECTED: PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 479 Copyright (C) 2021 CA. All rights reserved. R01274-D200-SP1 DESC(ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS) . ++VER (Z038) FMID (CPFLK00) PRE (RO97708 S000018 S001401 S001656 S003861 S005012 S007811 S008071 S008407 S009024 S009900 S009977 S011235 S011431 S011601 S011946 S011996 S012150 S012275 S012526 S013066 S013203 S014031 S014772 S015484 S015938 S016089) SUP (LT00136 ST15618 ST15629 ST15956) ++IF FMID(CINSK00) REQ(LU00135) . ++IF FMID(CPFUK00) REQ(LU00137) . ++IF FMID(CPLAK00) REQ(LU00138) . ++IF FMID(CPRRK00) REQ(LU00139) . ++IF FMID(CPUTK00) REQ(LU00140) . ++IF FMID(CUGRK00) REQ(LU00141 S013586) . ++IF FMID(CIDBK00) REQ(LU00134) . CSECT(FLA\$ARLD,#@XFALR) . CSECT(FLA\$CAI,#@XFALR) . CSECT(FLA\$LOB2,#@XFALR) . CSECT(FLA\$ROPN,#@XFALR) .

Service	Details
	CSECT (FLAMITS, #@XFCALR) . CSECT (FLAMSIMP, #@XFCALR) . CSECT (FLAMTSK, #@XFCALR) . CSECT (FLAUT4, #@XFCALR) .

Service	Details
LU00137	LU00137 M.C.S. ENTRIES = ++PTF (LU00137) The following items are included in this solution: 1. ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS 2. EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ===== ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS ENHANCEMENT DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) adds the new keyword KEEP-SIMULATION-SHADOWS YES/NO with a default of NO. This keyword is valid only with PREVIEW SIMULATE. KEEP-SIMULATION-SHADOWS NO automatically deletes the shadow Db2 VSAM datasets when PREVIEW SIMULATE finishes. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1069 ===== EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ENHANCEMENT DESCRIPTION: Extend PTM@MMGR to accept NORMAL DISP and ABNORMAL DISP parameters for OPEN calls. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCTS AFFECTED: PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 479 Copyright (C) 2021 CA. All rights reserved. R01274-D200-SP1 DESC(ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS) . ++VER (Z038) FMID (CPFUK00) PRE (RO96582 R099558 S000019 S001818 S004460 S005013 S006867 S008860 S009025 S011236 S011997 S012151 S014032 S014501 S014984 S016195) SUP (AR99558 LT00137 S000295 S011993 S013437 ST00295 ST11993 ST13437 ST15619 ST15630) ++IF FMID(CINSK00) REQ(LU00135) . ++IF FMID(CPFLK00) REQ(LU00136) . ++IF FMID(CPLAK00) REQ(LU00138) . ++IF FMID(CPRRK00) REQ(LU00139) . ++IF FMID(CPUTK00) REQ(LU00140) . ++IF FMID(CUGRK00) REQ(LU00141 S013586) . ++IF FMID(CIDBK00) REQ(LU00134) . CSECT(UTAFUULC,TROUBLE) . CSECT(UTAFUULT,TROUBLE) .

Service	Details
LU00138	LU00138 M.C.S. ENTRIES = ++PTF (LU00138) The following items are included in this solution: 1. ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS 2. EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ===== ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS ENHANCEMENT DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) adds the new keyword KEEP-SIMULATION-SHADOWS YES/NO with a default of NO. This keyword is valid only with PREVIEW SIMULATE. KEEP-SIMULATION-SHADOWS NO automatically deletes the shadow Db2 VSAM datasets when PREVIEW SIMULATE finishes. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1069 ===== EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ENHANCEMENT DESCRIPTION: Extend PTM@MMGR to accept NORMAL DISP and ABNORMAL DISP parameters for OPEN calls. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCTS AFFECTED: PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 479 Copyright (C) 2021 CA. All rights reserved. R01274-D200-SP1 DESC(ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS) . ++VER (Z038) FMID (CPLAK00) PRE (LU00132 R099559 S000975 S004245 S005014 S007813 S008008 S008802 S009333 S010677 S011113 S011669 S012487 S012889 S012900 S013625 S013879 S014033) SUP (LT00138 ST15593 ST15601 ST15620 ST15631 ST15958) ++IF FMID(CINSK00) REQ(LU00135) . ++IF FMID(CPFLK00) REQ(LU00136) . ++IF FMID(CPFUK00) REQ(LU00137) . ++IF FMID(CPRRK00) REQ(LU00139) . ++IF FMID(CPUTK00) REQ(LU00140) . ++IF FMID(CUGRK00) REQ(LU00141 S013586) . ++IF FMID(CIDBK00) REQ(LU00134) .

Service	Details
LU00139	LU00139 M.C.S. ENTRIES = ++PTF (LU00139) The following items are included in this solution: 1. ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS 2. EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ===== ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS ENHANCEMENT DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) adds the new keyword KEEP-SIMULATION-SHADOWS YES/NO with a default of NO. This keyword is valid only with PREVIEW SIMULATE. KEEP-SIMULATION-SHADOWS NO automatically deletes the shadow Db2 VSAM datasets when PREVIEW SIMULATE finishes. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1069 ===== EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ENHANCEMENT DESCRIPTION: Extend PTM@MMGR to accept NORMAL DISP and ABNORMAL DISP parameters for OPEN calls. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCTS AFFECTED: PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 479 Copyright (C) 2021 CA. All rights reserved. R01274-D200-SP1 DESC(ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS) . ++VER (Z038) FMID (CPRRK00) PRE (RO96588 RO98968 S000023 S000846 S001409 S005015 S006582 S006609 S009026 S009901 S009954 S011080 S011237 S011603 S011998 S012109 S012152 S013204 S014034 S015124 S015485) SUP (LT00139 S010625 S016160 ST09357 ST09371 ST10625 ST15621 ST15632 ST15959 ST16160) ++IF FMID(CINSK00) REQ(LU00135) . ++IF FMID(CPFLK00) REQ(LU00136) . ++IF FMID(CPFUK00) REQ(LU00137) . ++IF FMID(CPLAK00) REQ(LU00138) . ++IF FMID(CPUTK00) REQ(LU00140) . ++IF FMID(CUGRK00) REQ(LU00141 S013586) . ++IF FMID(CIDBK00) REQ(LU00134) . CSECT(RRA\$EX1,#@XFCALR) . CSECT(RRA\$HUF,#@XFCALR) . CSECT(RRA\$LMIO,#@XFCALR) . CSECT(RRA\$OVF,#@XFCALR) .

Service	Details
	CSECT (RRA\$PST, #@XFCALR) .
	CSECT (RRA\$RM3, #@XFCALR) .
	CSECT (RRA\$SPG, #@XFCALR) .
	CSECT (RRA\$SPG2, #@XFCALR) .
	CSECT (RRA\$UL1, #@XFCALR) .
	CSECT (RRA\$UL3, #@XFCALR) .
	CSECT (RRA\$UL7, #@XFCALR) .
	CSECT (RRA\$UL9, #@XFCALR) .
	CSECT (RRA\$VEB, #@XFCALR) .
	CSECT (RRA\$VEC, #@XFCALR) .
	CSECT (RRA\$VED, #@XFCALR) .
	CSECT (RRA\$VMA, #@XFCALR) .
	CSECT (RRA\$VMB, #@XFCALR) .
	CSECT (RRA\$VX4, #@XFCALR) .
	CSECT (RRA@MALC, #@XFCALR) .

Service	Details
LU00140	LU00140 M.C.S. ENTRIES = ++PTF (LU00140) The following items are included in this solution: 1. ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS 2. EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ===== ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS ENHANCEMENT DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) adds the new keyword KEEP-SIMULATION-SHADOWS YES/NO with a default of NO. This keyword is valid only with PREVIEW SIMULATE. KEEP-SIMULATION-SHADOWS NO automatically deletes the shadow Db2 VSAM datasets when PREVIEW SIMULATE finishes. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1069 ===== EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ENHANCEMENT DESCRIPTION: Extend PTM@MMGR to accept NORMAL DISP and ABNORMAL DISP parameters for OPEN calls. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCTS AFFECTED: PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 479 Copyright (C) 2021 CA. All rights reserved. R01274-D200-SP1 DESC(ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS) . ++VER (Z038) FMID (CPUTK00) PRE (R097717 R098969 S000024 S004248 S004469 S004798 S005016 S007820 S008879 S009027 S010678 S011114 S011238 S011433 S011999 S012153 S012901 S013205 S013626 S013880 S014035 S015486 S015939) SUP (LT00140 S009973 ST09973 ST15622 ST15633 ST15960) ++IF FMID(CINSK00) REQ(LU00135) . ++IF FMID(CPFLK00) REQ(LU00136) . ++IF FMID(CPFUK00) REQ(LU00137) . ++IF FMID(CPLAK00) REQ(LU00138) . ++IF FMID(CPRRK00) REQ(LU00139) . ++IF FMID(CUGRK00) REQ(LU00141 S013586) . ++IF FMID(CIDBK00) REQ(LU00134) . CSECT(UTA\$LOBO,#@XFCALR) . CSECT(UTA\$LOBR,#@XFCALR) . CSECT(UTA\$LOBW,#@XFCALR) . CSECT(UTA\$MGU,#@XFCALR) . CSECT(UTA@IXLZ,#@XFCALR) .

Service	Details
	CSECT (UTA@IXM5,#@XFCALR) . CSECT (UTAGLHFD,#@XFCALR) . CSECT (UTAGLIXA,#@XFCALR) . CSECT (UTAGLSE2,#@XFCALR) . CSECT (UTAIX2RL,#@XFCALR) . CSECT (UTAXMLO,#@XFCALR) .

Service	Details
LU00141	LU00141 M.C.S. ENTRIES = ++PTF (LU00141) The following items are included in this solution: 1. ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS 2. EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ===== ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS ENHANCEMENT DESCRIPTION: CA Fast Recover for DB2 for z/OS (PFR) adds the new keyword KEEP-SIMULATION-SHADOWS YES/NO with a default of NO. This keyword is valid only with PREVIEW SIMULATE. KEEP-SIMULATION-SHADOWS NO automatically deletes the shadow Db2 VSAM datasets when PREVIEW SIMULATE finishes. PRODUCT(S) AFFECTED: CA Fast Recover for Db2 for z/OS Version 20.0 Related Problem: PFR 1069 ===== EXTEND PTM@MMGR TO ACCEPT NORMAL DISP AND ABNORMAL DISP ENHANCEMENT DESCRIPTION: Extend PTM@MMGR to accept NORMAL DISP and ABNORMAL DISP parameters for OPEN calls. SYMPTOMS: None. IMPACT: None. CIRCUMVENTION: None. PRODUCTS AFFECTED: PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 479 Copyright (C) 2021 CA. All rights reserved. R01274-D200-SP1 DESC(ADD OPTION TO DELETE PREVIEW SIMULATE SHADOW VSAM DATASETS) . ++VER (Z038) FMID (CUGRK00) PRE (R096595 R099574 S000029 S000201 S000788 S001418 S001660 S004249 S004251 S004475 S004799 S005018 S006069 S006132 S006879 S007826 S007905 S008280 S008466 S008668 S008833 S009132 S009742 S009748 S009903 S010165 S010818 S011083 S011239 S012000 S012155 S012279 S012352 S012530 S013130 S013206 S013586 S013768 S014036 S014568 S015308 S015487 S015609 S016181) SUP (LT00141 S011930 S012018 S012234 ST11930 ST12018 ST12234 ST15623 ST15634 ST15961) ++IF FMID(CINSK00) REQ(LU00135) . ++IF FMID(CPFLK00) REQ(LU00136) . ++IF FMID(CPFUK00) REQ(LU00137) . ++IF FMID(CPLAK00) REQ(LU00138) . ++IF FMID(CPRRK00) REQ(LU00139) . ++IF FMID(CPUTK00) REQ(LU00140) . ++IF FMID(CIDBK00) REQ(LU00134) .

Service	Details
	<pre> ++HOLD (LU00141) SYSTEM FMID(CUGRK00) REASON (MSGSKEL) DATE (21035) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Utility General Recovery 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
LU00145	LU00145 M.C.S. ENTRIES = ++PTF (LU00145) SUPPORT FOR LISTDEF IN RUNSTATS ACTION JCL ENHANCEMENT DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) now supports the use of LISTDEF statements to generate Action JCLs for RUNSTATS. A new model member (MJULDRS) and automatic symbolics are provided to create action JCL that executes RUNSTATS 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 GenerationParms 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 Related Problem: PDA 1369 Copyright (C) 2021 CA. All rights reserved. R01275-D200-SP1 DESC(SUPPORT FOR LISTDEF IN RUNSTATS ACTION JCL). ++VER (Z038) FMID (CINSK00) PRE (LU00135 R096576 R097704 R099553 S000016 S001396 S003843 S004455 S004947 S005011 S007807 S009022 S009761 S010041 S010514 S011234 S011547 S011700 S013682 S014029 S014174 S014731 S015129 S016205) SUP (AC04039 AS11234 LT00145 S003965 S008016 S010639 S013320 S014173 S015770 ST03965 ST08016 ST10639 ST10962 ST11649 ST13320 ST13931 ST13951 ST14139 ST14173 ST15099 ST15127 ST15770 ST16282) ++IF FMID(CPDAK00) REQ(LU00146) . ++IF FMID(CRCQK00) REQ(LU00147) . CSECT(RAACATP,WH1KYS,WH2KYS,WL1KYS,WL2KYS) . CSECT(RAACATS,CLHKEYS,CLLKEYS,CONV_OUT) . CSECT(RAAMCTL,PDA2GLD,RSNCDCHK,DO#ESTAX,OWNCHECK,SBLDERR,ATTACH1, TASKMSG,MCTLVERC,MCTLEXTI,MCTLEXTM,SLIPTRAP,TABLE1) . CSECT(RAAPMRDR,@KEYWDTB,PDA#ZAPS) . CSECT(RAASBLD,SBLDESTA,HKEYS,LKEYS,DERIVEDF) . CSECT(RAASIX,OPENDB,INITSTAT) . CSECT(RAASIX2,OPENDB,OPENERR,COLLESTG,IDPKEYDP,IXDIRPAG,INITSTAT, HIGHVALS) . CSECT(RAASB,SEGTBL04,SEGTBL08,SEGTBL16,SEGTBL32,SETSPM#,INVEDPRC, FSSMPLNG,GETDECOMP,COLLESTG,GETDCTN,SYSP_RTN,HEADRTN,GETSEQ, GETDIRP,OPENFILE,CLOSFIL,OPENDSPR,EXCPERR,EXCPGETB,MAPAUDT, PAGEAUDT,SPMSTATS,SEGROUND,INITSTAT,CHKPMASK,CHKSPMAP, PROCPREC,VREX#CE,RELOC) . CSECT(RAAVOLM,RAAVOLT) . CSECT(RAAVOLM,RAAVOLT) .

Service	Details
LU00146	LU00146 M.C.S. ENTRIES = ++PTF (LU00146) SUPPORT FOR LISTDEF IN RUNSTATS ACTION JCL ENHANCEMENT DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) now supports the use of LISTDEF statements to generate Action JCLs for RUNSTATS. A new model member (MJULDRS) and automatic symbolics are provided to create action JCL that executes RUNSTATS 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 GenerationParms 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 Related Problem: PDA 1369 Copyright (C) 2021 CA. All rights reserved. R01275-D200-SP1 DESC(SUPPORT FOR LISTDEF IN RUNSTATS ACTION JCL). ++VER (Z038) FMID (CPDAK00) PRE (R096579 R097706 R099555 S000017 S001399 S004457 S004948 S006115 S007809 S009023 S009300 S009652 S009763 S010042 S011017 S011701 S013683 S014030 S014175 S014732 S015130 S016206) SUP (LT00146 S004010 S011931 S013584 ST04010 ST05436 ST05467 ST05510 ST05806 ST05830 ST08903 ST09302 ST09328 ST11931 ST13584 ST13913 TR99434) ++IF FMID(CRCQK00) REQ(LU00147) . ++IF FMID(CINSK00) REQ(LU00145) . ++HOLD (LU00146) SYSTEM FMID(CPDAK00) REASON (DB2BIND) DATE (21036) COMMENT (<pre> +-----+ CA Database 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. </pre>

Service	Details
	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! 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.). <pre> ++HOLD (LU00146) SYSTEM FMID(CPDAK00) REASON (DB2DDL) DATE (21036) COMMENT (+-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Alter CA DB2 Tools objects +-----+-----+ USERS AFFECTED All Users. +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. Install SYSADM, SYSADM or DBADM on PTDB. +-----+-----+ ***** * STEPS TO PERFORM * ***** DB2 objects must be compared/altered and a Bind Replace performed as part of this maintenance. 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 following tasks using the post-install tailoring options: 1. Compare DB2 Objects 2. Create Required DB2 Objects 3. Bind Product Packages and Plans IMPORTANT! If CA SYSVIEW for DB2 is installed and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).</pre> <pre> ++HOLD (LU00146) SYSTEM FMID(CPDAK00) REASON (MSGSKEL) DATE (21036) COMMENT (+-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ </pre>

Service	Details
	<pre> 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 (RAAABL1,RATSYM,TABLE#) . CSECT (RAAACON,RATSYM) . CSECT (RAAAPL,DIALOG@) . CSECT (RAABPEX,RATSYM) . CSECT (RAACATB,HIGHKEYS,LOWKEYS,WHIKEYS,WLOWKEYS) . CSECT (RAACPL,WORKSECT,DIALOG@,DYNCOUNT) . CSECT (RAACUBI,GETIXPR2) . CSECT (RAADUDRV,RATSYM) . CSECT (RAAEPL,DIALOG@) . CSECT (RAAESMN,RATSYM) . CSECT (RAAMODG,RATSYM) . CSECT (RAAPDBD,RATSYM) . CSECT (RAAPDSP,CMDTABLE) . CSECT (RAAPSCN,WTOREGS,SET_U521) . CSECT (RAAQHS1,DIALOG@) . CSECT (RAAQHS2,DIALOG@) . CSECT (RAAQHS3,DIALOG@) . CSECT (RAAQIX1,DIALOG@) . CSECT (RAAQIX2,DIALOG@) . CSECT (RAAQIX3,DIALOG@) . CSECT (RAAQIX4,DIALOG@) . CSECT (RAAQIX7,DIALOG@) . CSECT (RAAQT7,HKEYS,LKEYS) . CSECT (RAAQTS1,DIALOG@) . CSECT (RAAQTS5,OPTIONS) . CSECT (RAARPL,DIALOG@) . CSECT (RAARTOS,RATSYM) . CSECT (RAASMBD,RATSYM) . CSECT (RAASMBK,IKSQL,CLSSQL,TBSQL,TSSQL,CDSQL,FQSQL,VLSQL,IXSQL,CSSQL, FC1ASC,FC1ASCOL,FC1DES,FC3ASC,FC3ASCOL,FC3DES,FCDASC,FCDASCOL, FCDDDES,FFQASC,FFQASCOL,FFQDES,FC6ASC,FC6ASCOL,FC6DES) . CSECT (RAAUBCD,RATSYM) . CSECT (RAAUBDU,RATSYM) . CSECT (RAAUBLD,RATSYM,CLBMODSN) . </pre>

Service	Details
	CSECT (RAAUBLE,RATSYM) .
	CSECT (RAAUBL2,RATSYM) .
	CSECT (RAAUBL3,RATSYM) .
	CSECT (RAAUBPB,RATSYM) .
	CSECT (RAAUBPM,RATSYM) .
	CSECT (RAAUSUB,RATSYM) .

Service	Details
LU00147	LU00147 M.C.S. ENTRIES = ++PTF (LU00147) SUPPORT FOR LISTDEF IN RUNSTATS ACTION JCL ENHANCEMENT DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) now supports the use of LISTDEF statements to generate Action JCLs for RUNSTATS. A new model member (MJULDRS) and automatic symbolics are provided to create action JCL that executes RUNSTATS 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 GenerationParms 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 Related Problem: PDA 1369 Copyright (C) 2021 CA. All rights reserved. R01275-D200-SP1 DESC(SUPPORT FOR LISTDEF IN RUNSTATS ACTION JCL). ++VER (Z038) FMID (CRCQK00) PRE (R099569 S010163) SUP (LT00147 ST13933 ST13953 ST14015 ST14156 ST14159 ST16284) ++IF FMID(CPDAK00) REQ(LU00146) . ++IF FMID(CINSK00) REQ(LU00145) . CSECT(RQAUTSUB,RQTSYM) .

Service	Details
LU00152	LU00152 M.C.S. ENTRIES = ++PTF (LU00152) SOC4 IN ACCUMULATE WHEN CHANGE ACCUMULATION DATASET IN USE PROBLEM DESCRIPTION: When the change accumulation dataset is utilized by the CA Merge/Modify for Db2 for z/OS (PMM) or CA Fast Recover for Db2 for z/OS (PFR) a SOC4 abend may occur. Log records written into change accumulation datasets are split into multiple segments at the logical record boundaries. When a very short log record segment is present near the end of a logical record, the change accumulation dataset reader module may access invalid virtual storage and the job step can abend with completion code SOC4. SYMPTOMS: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=20.22.31 SEQ=11328 CPU=0000 ASID=0142 PSW AT TIME OF ERROR 078D3000 8010958A ILC 4 INTC 11 ACTIVE MODULE ADDRESS=00000000_00103000 OFFSET=0000658A NAME=MML@DRIV DATA AT PSW 00109584 - 5008A7E4 001A9180 4009A7E4 IMPACT: PMM or PFR job step fails when change accumulation dataset is in use. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PMM 12744 Copyright (C) 2021 CA. All rights reserved. R01276-D200-SP1 DESC(SOC4 IN ACCUMULATE WHEN CHANGE ACCUMULATION DATASET IN USE). ++VER (Z038) FMID (CUGRK00) PRE (R096595 R099574 S000029 S000788 S001660 S004251 S006132 S007826 S008280 S012155 S014568) SUP (LT00152)

Service	Details
LU00159	LU00159 M.C.S. ENTRIES = ++PTF (LU00159) ABEND SOC4 AMXACTC2+1EEE PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector may encounter an ABEND SOC4 in the exception task module AMXACTC2+1EEE. SYMPTOMS: None. The ABEND is recovered and processing continues. IMPACT: None. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 12737 Copyright (C) 2021 CA. All rights reserved. R01277-D200-SP1 DESC (ABEND SOC4 AMXACTC2+1EEE) . ++VER (Z038) FMID (CIDBK00) PRE (S006112 S006862 S007806 S008846 S010906 S011616 S012769 S013891 S014099 S015070) SUP (LT00159) CSECT (AMXACTDM) . CSECT (AMXACTDM) . CSECT (AMXACTDM) .

Service	Details
LU00162	LU00162 M.C.S. ENTRIES = ++PTF (LU00162) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This enhancement consists of infrastructure updates that are needed for a planned architectural enhancement. 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 DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 12757 Copyright (C) 2021 CA. All rights reserved. R01278-D200-SP1 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT). ++VER (Z038) FMID (CINSK00) SUP (LT00162 S013827 ST13826 ST13827)

Service	Details		
LU00165	LU00165 M.C.S. ENTRIES = ++PTF (LU00165) RECOVER STATISTICS FOR IMPLICIT OBJECTS IN ADOR ENHANCEMENT DESCRIPTION: With this PTF, the Automated Dropped Object Recovery feature (ADOR) is able to recover Db2 statistics for implicitly created tablespaces, tables and indexes. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1326 Copyright (C) 2021 CA. All rights reserved. R01279-D200-SP1 DESC(RECOVER STATISTICS FOR IMPLICIT OBJECTS IN ADOR). ++VER (Z038) FMID (CPLAK00) PRE (R099559 S000975 S001403 S004245 S004461 S006868 S007813 S008008 S008802 S009333 S010677 S011113 S011669 S012173 S012889 S012900 S013625 S014137 S014613 S014866 S015064 S015456) SUP (LT00165) ++HOLD (LU00165) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (21039) 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 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! 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	CA Log Analyzer for DB2 for z/OS	Version 20.0
CA Log Analyzer for DB2 for z/OS	Version 20.0		

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

Service	Details
LU00176	LU00176 M.C.S. ENTRIES = ++PTF (LU00176) SQL ERROR TEXT NOT COLLECTED FOR DISTSERV CALL STATEMENT PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may fail to collect SQL error text for SQL errors that are incurred while executing CALL statements in DISTSERV program SYSSTAT. SYMPTOMS: The SQL error text is missing for an SQL error that is incurred while executing a CALL statement in DISTSERV program SYSSTAT. When the Q command is entered in the Detector ISPF user interface, the following message appears: DT160I: Related SQL call text could not be located. IMPACT: Because the SQL error text is missing, it may be difficult to determine which stored procedure name was being called. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1728 Copyright (C) 2021 CA. All rights reserved. R01280-D200-SP1 DESC(SQL ERROR TEXT NOT COLLECTED FOR DISTSERV CALL STATEMENT). ++VER (Z038) FMID (CPDTK00) PRE (R096168 R097707 R098429 S003942 S004458 S006334 S007810 S009811 S010908 S011694 S013887) SUP (AS13887 LT00176 S013761 S014235 ST13761 ST14235) ++HOLD (LU00176) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21039) 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 * ***** </pre> *****

Service	Details
	To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.).

Service	Details
LU00178	LU00178 M.C.S. ENTRIES = ++PTF (LU00178) ABENDS IN FLL\$ARLD, FLLUTS2, UTLGLRI2, OR UTAGLIOE PROBLEM DESCRIPTION: 1. CA Fast Load for DB2 for z/OS (PFL) may abend with SOC4 in FLL\$ARLD. 2. PFL may abend with S0F8 in FLLUTS2 when ZIIP YES is in effect and an edit procedure is defined. 3. PFL may abend with SOC1 in UTAGLIOE+1CC. 4. PFL may abend with SOC4-11 in UTLGLRI2+88 when ZIIP YES and OUTPUT-CONTROL BUILD are in effect. SYMPTOMS: 1. The following symptom dump is printed in JESMSG LG: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=01.57.03 SEQ=08778 CPU=0000 ASID=0037 PSW AT TIME OF ERROR 078C0000 955BF9B0 ILC 4 INTC 11 ACTIVE MODULE ADDRESS=00000000_155BA000 OFFSET=000059B0 NAME=FLL\$ARLD DATA AT PSW 155BF9AA - 12FFA774 01449180 5778A714 AR/GR 0: 00001FFF/15480FCC 1: 00000000/15480F6C 2: 00000000/15480058 3: 00000000/00000000 4: 00000000/00000000 5: 00000000/154A3BC0 6: 00000000/154A3C4C 7: 00000000/00000000 8: 00000000/1538A030 9: 00000000/1530DA40 A: 00000000/15136670 B: 00000000/155BA000 C: 00000000/155BF8B0 D: 00000000/15317C90 E: 00000000/15301008 F: 00000000/00000000 END OF SYMPTOM DUMP 2. The following symptom dump is printed in JESMSG LG: SYSTEM COMPLETION CODE=0F8 REASON CODE=00000004 TIME=04.17.17 SEQ=03350 CPU=4008 ASID=025D PSW AT TIME OF ERROR 078C0000 BB2AA968 ILC 2 INTC 08 ACTIVE MODULE ADDRESS=00000000_3B2A5000 OFFSET=00005968 NAME=FLLUTS2 DATA AT PSW 3B2AA962 - F0001B11 0A085000 DCE018F0 AR/GR 0: 0078EE88/3B2AA958 1: 00000000/00000000 2: FFFFFFFF/3B277228 3: FFFFFFFF/00000010 4: FFFFFFFF/3B277238 5: FFFFFFFF/3B8B8080 6: FFFFFFFF/3B036000 7: FFFFFFFF/000EA354 8: FFFFFFFF/3B2CC030 9: FFFFFFFF/BB8BC21C A: FFFFFFFF/3B2CC620 B: FFFFFFFF/3B7126B8 C: FFFFFFFF/3B2AA6E0 D: FFFFFFFF/3B2900E0 E: 00000000/BB2AA936 F: FFFFFFFF/BB2AA958 END OF SYMPTOM DUMP The following error messages are printed in PTIMSG: PFL3019E - ESTAE intercepted in CSECT FLAUTS1 - ABEND code X'840F8000' PFL4020E - SORT abended - Abend Code: X'0F8' See sort messages for more details. PFL0206E - FASTLOAD application did not complete successfully PFL0207E - T_Space Task ECB: X'00290000' Return Code: X'00000004' PFL0212E - Data sets did not load successfully 3. SOC1 abend in UTLGLIOE module at offset x'01CC'. 4. The following symptom dump is printed in JESMSG LG: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=12.18.17 SEQ=17071 CPU=4001 ASID=002A

Service	Details
	PSW AT TIME OF ERROR 078C3000 99B40088 ILC 4 INTC 11 ACTIVE MODULE ADDRESS=00000000_19B40000 OFFSET=00000088 NAME=UTLGLRI2 DATA AT PSW 19B40082 - 021C58FF 0000BFF7 F01D1211 AR/GR 0: 00000074/00000002 1: 00000000/19A13A40 2: 00000000/19B9D4C8 3: 00000000/00000000 4: 00000000/19BA1464 5: 00000000/19BBCF60 6: 00000000/19BBCF34 7: 00000000/000DD354 8: 00000000/19E2BFC0 9: 00000000/19A13A40 A: 00000000/19AACFF0 B: 00000000/19B9DECO C: 00000000/19B40000 D: 00000000/19BA1464 E: 00000000/000DD000 F: 00000000/000A0000 END OF SYMPTOM DUMP The following error messages are printed in PTIMSG: PUT2101E - CSECT UTAGLIX2 Abended - X'840C4000' ESTAE Intercepted PFL4020E - SORT abended - Abend Code: X'0C4' See sort messages for more details. PFL0206E - FASTLOAD application did not complete successfully PFL0207E - Index_SP Task ECB: X'00BBC478' Return Code: X'00000004' PFL0212E - Data sets did not load successfully IMPACT: 1. The load fails. 2. The load fails. 3. The load fails. 4. The load fails. CIRCUMVENTION: 1. None. 2. Specify ZIIP NO. 3. None. 4. Specify ZIIP NO. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1310 Copyright (C) 2021 CA. All rights reserved. R01282-D200-SP1 DESC(ABENDS IN FLL\$ARLD, FLLUTS2, UTLGLRI2, OR UTAGLIOE). ++VER (Z038) FMID (CPFLK00) PRE (S000018 S000704 S005012 S009977 S010752 S011325 S011601 S011846 S011996 S012150 S013066 S013175 S013203 S014031 S014772 S015015 S015484 S015738 S016089) SUP (AS14772 BS14772 LT00178 S015771 ST15771) ++IF FMID(CPUTK00) REQ(LU00194) .

Service	Details
LU00194	LU00194 M.C.S. ENTRIES = ++PTF (LU00194) ABENDS IN FLL\$ARLD, FLLUTS2, UTLGLRI2, OR UTAGLIOE PROBLEM DESCRIPTION: 1. CA Fast Load for DB2 for z/OS (PFL) may abend with SOC4 in FLL\$ARLD. 2. PFL may abend with S0F8 in FLLUTS2 when ZIIP YES is in effect and an edit procedure is defined. 3. PFL may abend with SOC1 in UTAGLIOE+1CC. 4. PFL may abend with SOC4-11 in UTLGLRI2+88 when ZIIP YES and OUTPUT-CONTROL BUILD are in effect. SYMPTOMS: 1. The following symptom dump is printed in JESMSG LG: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=01.57.03 SEQ=08778 CPU=0000 ASID=0037 PSW AT TIME OF ERROR 078C0000 955BF9B0 ILC 4 INTC 11 ACTIVE MODULE ADDRESS=00000000_155BA000 OFFSET=000059B0 NAME=FLL\$ARLD DATA AT PSW 155BF9AA - 12FFA774 01449180 5778A714 AR/GR 0: 00001FFF/15480FCC 1: 00000000/15480F6C 2: 00000000/15480058 3: 00000000/00000000 4: 00000000/00000000 5: 00000000/154A3BC0 6: 00000000/154A3C4C 7: 00000000/00000000 8: 00000000/1538A030 9: 00000000/1530DA40 A: 00000000/15136670 B: 00000000/155BA000 C: 00000000/155BF8B0 D: 00000000/15317C90 E: 00000000/15301008 F: 00000000/00000000 END OF SYMPTOM DUMP 2. The following symptom dump is printed in JESMSG LG: SYSTEM COMPLETION CODE=0F8 REASON CODE=00000004 TIME=04.17.17 SEQ=03350 CPU=4008 ASID=025D PSW AT TIME OF ERROR 078C0000 BB2AA968 ILC 2 INTC 08 ACTIVE MODULE ADDRESS=00000000_3B2A5000 OFFSET=00005968 NAME=FLLUTS2 DATA AT PSW 3B2AA962 - F0001B11 0A085000 DCE018F0 AR/GR 0: 0078EE88/3B2AA958 1: 00000000/00000000 2: FFFFFFFF/3B277228 3: FFFFFFFF/00000010 4: FFFFFFFF/3B277238 5: FFFFFFFF/3B8B8080 6: FFFFFFFF/3B036000 7: FFFFFFFF/000EA354 8: FFFFFFFF/3B2CC030 9: FFFFFFFF/BB8BC21C A: FFFFFFFF/3B2CC620 B: FFFFFFFF/3B7126B8 C: FFFFFFFF/3B2AA6E0 D: FFFFFFFF/3B2900E0 E: 00000000/BB2AA936 F: FFFFFFFF/BB2AA958 END OF SYMPTOM DUMP The following error messages are printed in PTIMSG: PFL3019E - ESTAE intercepted in CSECT FLAUTS1 - ABEND code X'840F8000' PFL4020E - SORT abended - Abend Code: X'0F8' See sort messages for more details. PFL0206E - FASTLOAD application did not complete successfully PFL0207E - T_Space Task ECB: X'00290000' Return Code: X'00000004' PFL0212E - Data sets did not load successfully 3. SOC1 abend in UTLGLIOE module at offset x'01CC'. 4. The following symptom dump is printed in JESMSG LG: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=12.18.17 SEQ=17071 CPU=4001 ASID=002A

Service	Details
	PSW AT TIME OF ERROR 078C3000 99B40088 ILC 4 INTC 11 ACTIVE MODULE ADDRESS=00000000_19B40000 OFFSET=00000088 NAME=UTLGLRI2 DATA AT PSW 19B40082 - 021C58FF 0000BFF7 F01D1211 AR/GR 0: 00000074/00000002 1: 00000000/19A13A40 2: 00000000/19B9D4C8 3: 00000000/00000000 4: 00000000/19BA1464 5: 00000000/19BBCF60 6: 00000000/19BBCF34 7: 00000000/000DD354 8: 00000000/19E2BFC0 9: 00000000/19A13A40 A: 00000000/19AACFF0 B: 00000000/19B9DECO C: 00000000/19B40000 D: 00000000/19BA1464 E: 00000000/000DD000 F: 00000000/000A0000 END OF SYMPTOM DUMP The following error messages are printed in PTIMSG: PUT2101E - CSECT UTAGLIX2 Abended - X'840C4000' ESTAE Intercepted PFL4020E - SORT abended - Abend Code: X'0C4' See sort messages for more details. PFL0206E - FASTLOAD application did not complete successfully PFL0207E - Index_SP Task ECB: X'00BBC478' Return Code: X'00000004' PFL0212E - Data sets did not load successfully IMPACT: 1. The load fails. 2. The load fails. 3. The load fails. 4. The load fails. CIRCUMVENTION: 1. None. 2. Specify ZIIP NO. 3. None. 4. Specify ZIIP NO. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1310 Copyright (C) 2021 CA. All rights reserved. R01282-D200-SP1 DESC(ABENDS IN FLL\$ARLD, FLLUTS2, UTLGLRI2, OR UTAGLIOE). ++VER (Z038) FMID (CPUTK00) PRE (S000024 S011999 S012153 S013205 S015486 S016090) SUP (LT00194) ++IF FMID(CPFLK00) REQ(LU00178) .

Service	Details
LU00207	LU00207 M.C.S. ENTRIES = ++PTF (LU00207) UPDATES TO PRF PRODUCT SUPPORT/HELP SCREENS ENHANCEMENT DESCRIPTION: CA Report Facility (PRF) Product Support screens have been updated with the current support link and contact information. PRODUCT(S) AFFECTED: CA Report Facility Version 20.0 Related Problem: BIPRF 12768 Copyright (C) 2021 CA. All rights reserved. R01285-D200-SP1 DESC(UPDATES TO PRF PRODUCT SUPPORT/HELP SCREENS). ++VER (Z038) FMID (CPRFK00) PRE (SO15774) SUP (LT00207) ++HOLD (LU00207) SYSTEM FMID(CPRFK00) REASON (ACTION) DATE (21041) COMMENT (<pre> +-----+ CA Report Facility for TSO Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Implement screen changes +-----+-----+ USERS AFFECTED CA Report Facility Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. Update Access to target libraries +-----+-----+ ***** * STEPS TO PERFORM * ***** This PTF contains CA Report Facility Screen changes. 1. Please repro the SCREEN members into the appropriate screens VSAM file(s) using the installation customization steps for CA Report Facility.).</pre>

Service	Details
LU00216	LU00216 M.C.S. ENTRIES = ++PTF (LU00216) The following items are included in this solution: 1. CATALOG QUERY PERFORMANCE ISSUE 2. ZIIP SUPPORT FOR VERSIONED DATA ===== CATALOG QUERY PERFORMANCE ISSUE PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may experience a performance issue when the following conditions are true: - SQL-ACCESS NONE is used. - There are a large number of records in the SYSIBM.SYSTABLEPART or SYSIBM.SYSCOPY catalog tables related to the table being unloaded. - SO09337 PTF is applied. SYMPTOMS: High elapsed and CPU time. IMPACT: High elapsed and CPU time. CIRCUMVENTION: Specify SQL-ACCESS ONLY. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 12745 ===== ZIIP SUPPORT FOR VERSIONED DATA ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) now supports System z Integrated Information Processor (ZIIP) when you unload versioned data. 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} in either the SYSIN DD statement or the hlq.CDBAPARM(PFU) member. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 12827 Copyright (C) 2021 CA. All rights reserved. R01286-D200-SP1 DESC(CATALOG QUERY PERFORMANCE ISSUE). ++VER (Z038) FMID (CINSK00) PRE (SO00016 SO01396 SO11475 SO14500) SUP (LT00216 ST14472) ++IF FMID(CPFUK00) REQ(LU00217) .

Service	Details
LU00217	LU00217 M.C.S. ENTRIES = ++PTF (LU00217) The following items are included in this solution: 1. CATALOG QUERY PERFORMANCE ISSUE 2. ZIIP SUPPORT FOR VERSIONED DATA ===== CATALOG QUERY PERFORMANCE ISSUE PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may experience a performance issue when the following conditions are true: - SQL-ACCESS NONE is used. - There are a large number of records in the SYSIBM.SYSTABLEPART or SYSIBM.SYSCOPY catalog tables related to the table being unloaded. - S009337 PTF is applied. SYMPTOMS: High elapsed and CPU time. IMPACT: High elapsed and CPU time. CIRCUMVENTION: Specify SQL-ACCESS ONLY. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 12745 ===== ZIIP SUPPORT FOR VERSIONED DATA ENHANCEMENT DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) now supports System z Integrated Information Processor (ZIIP) when you unload versioned data. 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} in either the SYSIN DD statement or the hlq.CDBAPARM(PFU) member. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Version 20.0 Related Problem: PFU 12827 Copyright (C) 2021 CA. All rights reserved. R01286-D200-SP1 DESC(CATALOG QUERY PERFORMANCE ISSUE). ++VER (Z038) FMID (CPFUK00) PRE (LU00137 R096582 R099558 S000019 S001818 S004460 S005013 S006118 S006867 S008860 S009025 S011236 S011997 S012151 S014032 S014501 S014984 S016195) SUP (AR99558 LT00217 S000295 S009337 S011993 S013437 ST00295 ST09337 ST11993 ST13437 ST15619 ST15630) ++IF FMID(CINSK00) REQ(LU00216) . ++HOLD (LU00217) SYSTEM FMID(CPFUK00) REASON (DB2BIND) DATE (21047) COMMENT (+-----+ CA Fast Unload for DB2 for z/OS Version 20.0 +-----+

Service	Details
	<pre> 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! 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(UTAFUULC,TROUBLE). CSECT(UTAFUULT,TROUBLE). </pre>

Service	Details
LU00227	LU00227 M.C.S. ENTRIES = ++PTF (LU00227) THE RECOVERY ESTIMATOR NOW SUPPORTS QUOTES (' / \"). PROBLEM DESCRIPTION: Attempting to use quotes (') or double quotes (\") to specify objects in the Recovery Estimator's input syntax results in RC=8 and a syntax error. SYMPTOMS: Return code 8, and syntax error message EST1092E. IMPACT: The Recovery Estimator terminates with return code 8. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: INS 12840 Copyright (C) 2021 CA. All rights reserved. R01287-D200-SP1 DESC (THE RECOVERY ESTIMATOR NOW SUPPORTS QUOTES (' / \").). ++VER (Z038) FMID (CINSK00) PRE (S015311 S015864) SUP (LT00227)

Service	Details
LU00237	LU00237 M.C.S. ENTRIES = ++PTF (LU00237) The following items are included in this solution: 1. ONLINE MODE REPORT FAILS WITH THE MESSAGE LAE0032E 2. STRATEGY WITH BYPASS EXTRACT FAILS WITH THE MESSAGE LAE0005E ===== ONLINE MODE REPORT FAILS WITH THE MESSAGE LAE0032E PROBLEM DESCRIPTION: CA Log Analyzer for DB2 for z/OS (PLA) fails with the message LAE0032E when it runs in online mode. SYMPTOMS: The following message is displayed in a job log: LAE0032E LAL@REPT TERMINATED WITH RETURN/ABEND CODE 806 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 12828 ===== STRATEGY WITH BYPASS EXTRACT FAILS WITH THE MESSAGE LAE0005E PROBLEM DESCRIPTION: The CA Log Analyzer for Db2 for z/OS (PLA) strategy report with bypass extract may fail with the message LAE0005E. SYMPTOMS: The following message sequence appears in a job log: LAE0019I Log Reporting completed normally. LAE0005E Unable to open LADXTRCT, LADXCNTL or LADREPT DCB. IMPACT: Strategy job fails and a user cannot resume the strategy. CIRCUMVENTION: Allocate LADXTRCT and LADXCNTL ddnames for the job. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 12842 Copyright (C) 2021 CA. All rights reserved. R01288-D200-SP1 DESC(ONLINE MODE REPORT FAILS WITH THE MESSAGE LAE0032E). ++VER (Z038) FMID (CINSK00) PRE (LU00123 LU00131 R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004250 S004455 S005011 S006113 S006608 S006863 S007379 S007807 S008869 S009785 S010004 S010200 S010676 S011078 S011084 S011684 S012715 S014566 S014865 S015980) SUP (LT00237) ++IF FMID(CPLAK00) REQ(LU00238) . ++HOLD (LU00237) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21046) COMMENT (+-----+

Service	Details
	<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. 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 (XM\$ALICC) . </pre>

Service	Details
LU00238	LU00238 M.C.S. ENTRIES = ++PTF (LU00238) The following items are included in this solution: 1. ONLINE MODE REPORT FAILS WITH THE MESSAGE LAE0032E 2. STRATEGY WITH BYPASS EXTRACT FAILS WITH THE MESSAGE LAE0005E ===== ONLINE MODE REPORT FAILS WITH THE MESSAGE LAE0032E PROBLEM DESCRIPTION: CA Log Analyzer for DB2 for z/OS (PLA) fails with the message LAE0032E when it runs in online mode. SYMPTOMS: The following message is displayed in a job log: LAE0032E LAL@REPT TERMINATED WITH RETURN/ABEND CODE 806 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 12828 ===== STRATEGY WITH BYPASS EXTRACT FAILS WITH THE MESSAGE LAE0005E PROBLEM DESCRIPTION: The CA Log Analyzer for Db2 for z/OS (PLA) strategy report with bypass extract may fail with the message LAE0005E. SYMPTOMS: The following message sequence appears in a job log: LAE0019I Log Reporting completed normally. LAE0005E Unable to open LADXTRCT, LADXCNTL or LADREPT DCB. IMPACT: Strategy job fails and a user cannot resume the strategy. CIRCUMVENTION: Allocate LADXTRCT and LADXCNTL ddnames for the job. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 12842 Copyright (C) 2021 CA. All rights reserved. R01288-D200-SP1 DESC(ONLINE MODE REPORT FAILS WITH THE MESSAGE LAE0032E). ++VER (Z038) FMID (CPLAK00) PRE (LU00132 LU00138 R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S005014 S007813 S008008 S008802 S008870 S009133 S009252 S009333 S010641 S010677 S011113 S011669 S012487 S012889 S012900 S013009 S013625 S013879 S014033 S014866 S015064 S015456) SUP (LT00238 ST15593 ST15601 ST15620 ST15631 ST15958) ++IF FMID(CINSK00) REQ(LU00237) . ++HOLD (LU00238) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (21046) COMMENT (

Service	Details
	<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! 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 (LU00238) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (21046) COMMENT (+-----+ 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. </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.).

Service	Details	
LU00240	LU00240	M.C.S. ENTRIES = ++PTF (LU00240)
	INACCURATE SYSTAT VALUES FOLLOWING S015843	
	PROBLEM DESCRIPTION:	
	CA Detector for DB2 for z/OS (PDT) may over-report the Db2 resources that are used by SYSSTAT CALLSTMT following PTF S015843.	
	SYMPTOMS:	
	High INDB2_CPU for CALLSTMTs.	
	IMPACT:	
	Over-reporting and misleading Db2 resource utilization on SYSSTAT and CALLSTMTs.	
	CIRCUMVENTION:	
	N/A	
	PRODUCT(S) AFFECTED:	
	CA Detector for DB2 for z/OS	
	Version 20.0	
	Related Problem:	
	PDT 12803	
	Copyright (C) 2021 CA. All rights reserved. R01289-D200-SP1	
	DESC(INACCURATE SYSTAT VALUES FOLLOWING S015843).	
	++VER (Z038)	
	FMID (CPDTK00)	
	PRE (R096168 R096580 R097707 R098429 R099556 S000263	
	S003942 S004458 S004757 S006116 S006334 S006865	
	S007810 S007988 S008129 S008323 S008789 S009065	
	S010018 S010538 S010908 S011694 S011983 S012538	
	S012921 S013889 S014338)	
	SUP (AS06334 AS08129 AS13450 AS16113 LT00240 R099946	
	S000423 S006838 S008446 S009828 S010492 S010652	
S013450 S013655 S014680 S015843 S015927 S016113		
ST00423 ST06838 ST08446 ST09828 ST10492 ST10652		
ST13450 ST13655 ST14680 ST15843 ST15927 ST16113		
TR99946)		
++HOLD (LU00240) SYSTEM FMID(CPDTK00)		
REASON (RESTART) DATE (21043)		
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		
+-----+		

Service	Details
	***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections. 2. Stop the Xmanager task. 3. Update the runtime library. 4. Restart the Xmanager task. Important! Please do not apply maintenance to the Xmanager runtime libraries with Xmanager active as it may result in a discrepancy between dynamically loaded components and statically loaded components. This may result in unpredictable behavior with CA-DB2 tools and/or may compromise the operating system/DB2 including possible failures.).

Service	Details
LU00242	LU00242 M.C.S. ENTRIES = ++PTF (LU00242) JAVA STORED PROC EXTERNAL_NAME MISSING JARSCHEMA & JAR_ID PROBLEM DESCRIPTION: When migrating JAVA stored procedure using CA RC/Migrator for Db2 for Z/OS (RCM), the EXTERNAL_NAME generated by the analysis does not include JARSCHEMA and JAR_ID. SYMPTOMS: The EXTERNAL_NAME generated is without JARSCHEMA and JAR_ID. Expected result is <JARSCHEMA>.<JAR_ID>:<EXTERNAL NAME> IMPACT: Execution of the Java Stored procedure will fail. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 12824 Copyright (C) 2021 CA. All rights reserved. R01290-D200-SP1 DESC(JAVA STORED PROC EXTERNAL_NAME MISSING JARSCHEMA & JAR_ID). ++VER (Z038) FMID (CINSK00) PRE (R099553 S004455 S004718 S007379 S009461 S010760 S011866 S011966 S012361 S012933) SUP (LT00242) CSECT(RMA@DDUF,WRK#SRO).

Service	Details
LU00246	LU00246 M.C.S. ENTRIES = ++PTF (LU00246) REDUCE TIME HOLDING LOCAL LOCK FOR DATA SHARING REQUESTS PROBLEM DESCRIPTION: SYMPTOMS: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector may be delayed due to a long code path in a locked routine that services receipt of thread detail and lock detail from other members of a data sharing group. IMPACT: Longer response time for data sharing requests when data is retrieved for multiple members. CIRCUMVENTION: View local data only. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 12826 Copyright (C) 2021 CA. All rights reserved. R01291-D200-SP1 DESC (REDUCE TIME HOLDING LOCAL LOCK FOR DATA SHARING REQUESTS) . ++VER (Z038) FMID (CIDBK00) PRE (S006862 S010160 S011616 S015931) SUP (LT00246)

Service	Details
LU00247	LU00247 M.C.S. ENTRIES = ++PTF (LU00247) S878-10 WITH MULTIPLE SYSULD INPUT DATASETS PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) may abend with S878-10 code when the following conditions are true: - There are a large number of SYSULD input data sets. - The DB2 catalog level is higher than V12R1M501. - The CEEPRMxx system PARMLIB options specify Language Environment storage allocation below the line (e.g. STACK(128K,128K,BELOW,KEEP,512K,128K)). SYMPTOMS: S878-10 abend and DB2 crash. IMPACT: Processing fails. CIRCUMVENTION: One of: - Merge SYSULD data sets into lower number of SYSULDS concatenating data sets. - Specify the following in your PFL step: <pre>//CEEOPPTS DD * STACK(128K,128K,ANYWHERE,KEEP,512K,128K) PRODUCT(S) AFFECTED:</pre> CA Fast Load for DB2 for z/OS Related Problem: PFL 12777 Copyright (C) 2021 CA. All rights reserved. R01292-D200-SP1 DESC(S878-10 WITH MULTIPLE SYSULD INPUT DATASETS). ++VER (Z038) FMID (CPFLK00) PRE (S004857 S005502 S006117 S008071 S008378 S008428 S008584 S009977 S011520 S011846 S011996 S012150 S012526 S013097 S013765 S014427 S014772 S015484 S015738 S016089) SUP (LT00247 S012585 ST12585) ++IF FMID(CPUTK00) REQ(LU00248) .

Version 20.0

Service	Details
LU00248	LU00248 M.C.S. ENTRIES = ++PTF (LU00248) S878-10 WITH MULTIPLE SYSULD INPUT DATASETS PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) may abend with S878-10 code when the following conditions are true: - There are a large number of SYSULD input data sets. - The DB2 catalog level is higher than V12R1M501. - The CEEPRMxx system PARMLIB options specify Language Environment storage allocation below the line (e.g. STACK(128K,128K,BELOW,KEEP,512K,128K)). SYMPTOMS: S878-10 abend and DB2 crash. IMPACT: Processing fails. CIRCUMVENTION: One of: - Merge SYSULD data sets into lower number of SYSULDS concatenating data sets. - Specify the following in your PFL step: <pre>//CEEOPPTS DD * STACK(128K,128K,ANYWHERE,KEEP,512K,128K) PRODUCT(S) AFFECTED:</pre> CA Fast Load for DB2 for z/OS Related Problem: PFL 12777 Copyright (C) 2021 CA. All rights reserved. R01292-D200-SP1 DESC(S878-10 WITH MULTIPLE SYSULD INPUT DATASETS). ++VER (Z038) FMID (CPUTK00) PRE (S007820 S008072 S008380 S008429 S008586 S009978 S011521 S012529 S013098 S013767 S013961 S014502 S014773 S015740) SUP (LT00248 ST08364) ++IF FMID(CPFLK00) REQ(LU00247) .

Version 20.0

Service	Details
LU00250	M.C.S. ENTRIES = ++PTF (LU00250) PROBLEMS ON INFO SCREEN WHEN NON-EXISTENT DATASET IS USED PROBLEM DESCRIPTION: In CA Report Facility (PRF), users may experience a S0C4 or a frozen session when using the TO and FROM commands on the "PRF Object Info/Rename/Copy" screen. Also, the Help screen of the System Services Menu has its title erroneously shifted to the extreme right. SYMPTOMS: The following problems occur on the "PRF Object Info/Rename/Copy" screen: - When the TO command is used with an invalid or non-existent dataset, PRF abends with a S0C4. - When the FROM command is used with an invalid or non-existent dataset, the session freezes (PRF enters an infinite loop). - When the FROM command is executed successfully, the following misleading message is displayed (with the dataset name that was actually used): PRF0916I SQL text copied to 'hlq.dsname' The Help screen of the System Services Menu displays its title too far to the right. IMPACT: The PRF session either freezes or ends with a S0C4 abend when users enter incorrect dataset information with the FROM and TO commands. The Help screen title is a cosmetic issue. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Report Facility Version 20.0 Related Problem: BIPRF 12806 Copyright (C) 2021 CA. All rights reserved. R01293-D200-SP1 DESC(PROBLEMS ON INFO SCREEN WHEN NON-EXISTENT DATASET IS USED). ++VER (Z038) FMID (CPRFK00) PRE (R097712 R098496 R099195 R099562 S001406 S004464 S006122 S006443) SUP (LT00250) ++IF FMID(CPRFK01) REQ(LU00251) . ++IF FMID(CPRFK02) REQ(LU00252) . ++HOLD (LU00250) SYSTEM FMID(CPRFK00) REASON (ACTION) DATE (21046) COMMENT (+-----+ CA Report Facility for TSO Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Implement screen changes +-----+ USERS AFFECTED CA Report Facility Users

Service	Details
	<pre> +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. Update Access to target libraries +-----+-----+ ***** * STEPS TO PERFORM * ***** This PTF contains CA Report Facility Screen changes. 1. Please repro the SCREEN members into the appropriate screens VSAM file(s) using the installation customization steps for CA Report Facility.). CSECT (PRFMDEF) . CSECT (PRFMFC) . CSECT (XXXXPNF) . CSECT (XXXXPNX) . </pre>

Service	Details
LU00253	LU00253 M.C.S. ENTRIES = ++PTF (LU00253) ENHANCING ERROR HANDLING OF ASYNCHORONOUS DYNAMIC-SQL-STATS PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS issues a generic DBG98008W error message every time it fails to capture an asynchronous DYNAMIC-SQL-STATS record. A new message DBG98009E is introduced to provide a more detailed explanation on why the record was not captured and the frequency at which these messages are issued is lowered. SYMPTOMS: The DBG98008W error message is printed out in DBGPRINT IMPACT: This message may be issued thousands of times per minute polluting the DBGPRINT output and consuming a big percentage of spool storage. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 12738 Copyright (C) 2021 CA. All rights reserved. R01294-D200-SP1 DESC(ENHANCING ERROR HANDLING OF ASYNCHORONOUS DYNAMIC-SQL-STATS). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R099552 S001395 S004454 S006112 S006862 S007806 S008279 S008846 S009556 S010160 S011616 S011977 S012769 S013508 S013891 S014164 S014389 S015931 S016116 S016200) SUP (LT00253) CSECT(NGR1043C,NGR1043#).

Service	Details
LU00254	LU00254 M.C.S. ENTRIES = ++PTF (LU00254) INTERNAL ENHANCEMENT TO USE XMAN SERVICES ENHANCEMENT DESCRIPTION: This is an internal enhancement for CA Database Analyzer for DB2 for z/OS (PDA) that uses XMAN services in Query Facility and Page Display options. PRODUCT(S) AFFECTED: CA Database Analyzer (PDA) for DB2 for z/OS Version 20.0 Related Problem: PDA 1339 Copyright (C) 2021 CA. All rights reserved. R01295-D200-SP1 DESC (INTERNAL ENHANCEMENT TO USE XMAN SERVICES). ++VER (Z038) FMID (CINSK00) PRE (LU00123 LU00131 LU00237 R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004455 S006113 S006608 S006863 S007807 S008869 S009761 S009785 S010004 S010173 S011078 S011084 S012715 S014174 S014381 S014566 S015311 S015709) SUP (LT00254 ST12171) ++IF FMID(CPDAK00) REQ(LU00256) . ++HOLD (LU00254) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (21049) 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. 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 </pre>

Service	Details
	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
LU00256	LU00256 M.C.S. ENTRIES = ++PTF (LU00256) INTERNAL ENHANCEMENT TO USE XMAN SERVICES ENHANCEMENT DESCRIPTION: This is an internal enhancement for CA Database Analyzer for DB2 for z/OS (PDA) that uses XMAN services in Query Facility and Page Display options. PRODUCT(S) AFFECTED: CA Database Analyzer (PDA) for DB2 for z/OS Version 20.0 Related Problem: PDA 1339 Copyright (C) 2021 CA. All rights reserved. R01295-D200-SP1 DESC (INTERNAL ENHANCEMENT TO USE XMAN SERVICES). ++VER (Z038) FMID (CPDAK00) PRE (LU00146 R096579 S000017 S001399 S009023 S009763 S013683 S014030 S014732 S015483) SUP (LT00201 LT00256 ST08903 ST13913 ST15344 ST15357 ST16268) ++IF FMID(CINSK00) REQ(LU00254) . ++HOLD (LU00256) SYSTEM FMID(CPDAK00) REASON (DB2BIND) DATE (21049) COMMENT (<pre> +-----+ CA Database 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 * ***** Bind Control Cards have changed as part of this maintenances. After this maintenance is applied, Bind Control cards must be regenerated for all installed product plans and packages. 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. Using the newly generated Bind Control Cards, a Bind Replace must be performed on the plans and packages for all installed products. IMPORTANT! If CA SYSVIEW for DB2 is installed 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 </pre>

Service	Details
	used by the data collectors.).

Service	Details
LU00257	LU00257 M.C.S. ENTRIES = ++PTF (LU00257) EXTRACT PROCEDURE JOB ABENDS WITH S0C4 IN RALUBLD AT 015D5C PROBLEM DESCRIPTION: After PTF LU00145 is applied, a CA Database Analyzer for DB2 for z/OS (PDA) job may abend with S0C4 in RAAUBLD at offset 00015D5C during the execution of an Extract Procedure. The abend occurs when the Extract Procedure is tied to a conditional action procedure that includes the A (AND) or O (OR) conjunction type. SYMPTOMS: S0C4 abend occurs in program RAAUBLD at offset 00015D5C with the following symptom dump: SYSTEM COMPLETION CODE=0C4 REASON CODE=00000010 TIME=02.45.04 SEQ=47452 CPU=0000 ASID=03D3 PSW AT TIME OF ERROR 078D2000 80262D5C ILC 6 INTC 10 ACTIVE MODULE ADDRESS=00000000_0024D000 OFFSET=00015D5C NAME=RALUBLD DATA AT PSW 00262D56 - 10104780 C552D517 C732400C GR 0: 00197AF8 1: 3B1C8D28 2: 00096490 3: 000000C8 4: 00325C5C 5: 000A7968 6: 3B010453 7: 3B03B2A4 8: 3B0BD030 9: 3C896EF0 A: 80197008 B: 8024E008 C: 00262896 D: 8024D008 E: 0029979C F: 00197AF8 END OF SYMPTOM DUMP IMPACT: PDA Extract Procedure execution fails. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 12841 Copyright (C) 2021 CA. All rights reserved. R01296-D200-SP1 DESC(EXTRACT PROCEDURE JOB ABENDS WITH S0C4 IN RALUBLD AT 015D5C) . ++VER (Z038) FMID (CPDAK00) PRE (LU00146 S000017 S006115) SUP (AL00146 LT00257 ST05436 ST05467 ST05510 ST05806 ST05830) CSECT(RAAUBLD,RATSYM,CLBMODSN) .

Service	Details
LU00281	LU00281 M.C.S. ENTRIES = ++PTF (LU00281) S106/S878/S40D ABENDS WITH PART-SEPARATE YES PROBLEM DESCRIPTION: CA Fast Unload for DB2 for z/OS (PFU) may abend with S106, S878, or S40D when PART-SEPARATE YES is used and there are a large number of partitions. SYMPTOMS: S106/S878/S40D abends. IMPACT: Processing fails. CIRCUMVENTION: Perform one of the following actions: - Increase the limit for below-the-line storage. - Specify PART-SEPARATE NO. PRODUCT(S) AFFECTED: CA Fast Unload for DB2 for z/OS Related Problem: PFU 12876 Copyright (C) 2021 CA. All rights reserved. R01298-D200-SP1 DESC(S106/S878/S40D ABENDS WITH PART-SEPARATE YES) . ++VER (Z038) FMID (CPFUK00) PRE (R099558 S000019 S001402 S001657 S001818 S004460 S006118 S007812 S009025 S010043 S011236 S011997 S012151 S012276 S012527 S014984 S016195) SUP (LT00281)

Version 20.0

Service	Details
LU00282	LU00282 M.C.S. ENTRIES = ++PTF (LU00282) EXCEPTION SYSTEM MAY NOT COMPUTE DELTA EXCEPTIONS PROPERLY PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) calculates delta field values in subsystem exceptions incorrectly for the first interval after the scheduled inactivity period. SYMPTOMS: When a subsystem exception is scheduled to be active in specific times of day, the first delta field value after period of inactivity is calculated wrongly either as non-delta cumulative value (in case of the exception system restart during the scheduled inactivity time) or as delta field value but using last active interval value instead of starting from scratch. IMPACT: Subsystem exceptions based on delta values could be falsely tripped. CIRCUMVENTION: No. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 19.0 CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 12809 Copyright (C) 2021 CA. All rights reserved. R01299-D200-SP1 DESC(EXCEPTION SYSTEM MAY NOT COMPUTE DELTA EXCEPTIONS PROPERLY) . ++VER (Z038) FMID (CIDBK00) PRE (R096575 R099552 S001395 S004454 S006112 S006862 S007806 S008846 S010160 S010906 S011616 S012769 S013508 S013557 S013891 S014099 S014754 S015070 S015647 S016300) SUP (LT00282) CSECT (AMXSSXPC,AMXSSXPM,ESTAERTN,POSTME) . CSECT (NCCEXCPC,NCCEXCPM) .

Service	Details
LU00329	LU00329 M.C.S. ENTRIES = ++PTF (LU00329) The following items are included in this solution: 1. DETECTOR MAY MISS -805 SQL ERROR FOR DISTRIBUTED THREAD 2. COMMITS MAY BE DOUBLE COUNTED FOR IMS TRANSACTIONS ===== DETECTOR MAY MISS -805 SQL ERROR FOR DISTRIBUTED THREAD PROBLEM DESCRIPTION: CA Detector for DB2 for z/OS (PDT) may not collect -805 SQL error for distributed threads. SYMPTOMS: There may be missing -805 SQL errors on the DETECTOR SQL ERROR Summary Display. IMPACT: Detector may under report -805 SQL errors. CIRCUMVENTION: N/A. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1727 ===== COMMITS MAY BE DOUBLE COUNTED FOR IMS TRANSACTIONS PROBLEM DESCRIPTION: In CA Detector for DB2 for z/OS (PDT), Db2 commits for IMS applications that are accessing a Db2 subsystem are counted twice when data manipulation has occurred. SYMPTOMS: Plan names for IMS applications will have their Db2 commit counts overinflated due to the data manipulation commits being counted twice. IMPACT: The product is providing incorrect commit statistics for IMS applications that are accessing Db2. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 12799 Copyright (C) 2021 CA. All rights reserved. R01308-D200-SP1 DESC(DETECTOR MAY MISS -805 SQL ERROR FOR DISTRIBUTED THREAD) . ++VER (Z038) FMID (CPDTK00) PRE (R096168 R096580 R097707 R098429 R099556 S000263 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S007988 S008129 S008323 S008789 S009065 S010018 S010538 S010908 S011694 S011983 S012538 S012921 S013889 S014338) SUP (AS06334 AS08129 AS13450 AS16113 LT00240 LT00307 LT00329 LU00240 R099946 S000423 S006838 S008446 S009828 S010492 S010652 S013450 S013655 S014680 S015843 S015927 S016113 ST00423 ST06838 ST08446

Service	Details
	ST09828 ST10492 ST10652 ST13450 ST13655 ST14680 ST15843 ST15927 ST16113 TR99946) ++HOLD (LU00329) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (21056) 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
LU00356	LU00356 M.C.S. ENTRIES = ++PTF (LU00356) The following items are included in this solution: 1. IMAGE COPY STATUS REPORT DISPLAYS INCORRECT RESULTS 2. SUBSEQUENT REPORT FAILS WITH RC=16 AND THE MESSAGE LAE0177E ===== IMAGE COPY STATUS REPORT DISPLAYS INCORRECT RESULTS PROBLEM DESCRIPTION: The CA Log Analyzer for Db2 for z/OS image copy status report may show incorrect log datasets. It may only happen when the Copy Threshold option is lower than 3, the LOCATE Datasets option is set to Yes, and the tablespace was being backed up on a partition level. SYMPTOMS: The output of the image copy status report shows the message LAE0045E. This message shows which archive log datasets could not be LOCATED. Each archive dataset lists the image copies that breach the Copy Threshold, or the dependent image copies are missing. IMPACT: The image copy status report shows incorrect results. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 12899 ===== SUBSEQUENT REPORT FAILS WITH RC=16 AND THE MESSAGE LAE0177E PROBLEM DESCRIPTION: The CA Log Analyzer for Db2 for z/OS subsequent update report fails with return code 16 and the message LAE0177E. SYMPTOMS: The following message appears in the joblog: LAE0177E Subsequent Update task error. Return/Abend Code: 00 IMPACT: The subsequent update report is not generated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 12883 Copyright (C) 2021 CA. All rights reserved. R01310-D200-SP1 DESC(IMAGE COPY STATUS REPORT DISPLAYS INCORRECT RESULTS) . ++VER (Z038) FMID (CPLAK00) PRE (LU00132 R096583 R099559 S000020 S000975 S004245 S004461 S005014 S006119 S007813 S008008 S008802 S009333 S011583 S011669 S012889) SUP (LT00356) CSECT(LAA#COPY,#@XFCALN) . CSECT(LAA#ICXR,#@XFCALN) . CSECT(LAA#LRNX,#@XFCALN) .

Service	Details
SO13729	SO13729 M.C.S. ENTRIES = ++PTF (SO13729) RCQ T-IF REPORT ABENDS WITH SOC4 PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the T-IF(Table-Acceler.Tab.Info) report ends with a SOC4 abend when the Db2 table is defined to more than one appliance. SYMPTOMS: RCQ T-IF report ends with a SOC4 abend. IMPACT: The RC/Q Table Accelerated Information report is not generated. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1617 Copyright (C) 2020 CA. All rights reserved. R00959-D200-SP1 DESC(RCQ T-IF REPORT ABENDS WITH SOC4). ++VER (Z038) FMID (CRCQK00) PRE (R097719 R099569 S006875) SUP (ST13729)

Service	Details
SO14357	SO14357 M.C.S. ENTRIES = ++PTF (SO14357) QTXA PARALLEL THREADS ACCUMULATION FIX PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) may incorrectly accumulate child thread accounting records in case DB2 APAR PI93817 is not applied. SYMPTOMS: Differ based on the collected accounting data for child threads. In some cases may lead to an OC4 in NDFMTSEM. In others the reported numbers are not correct. IMPACT: Parallel threads cannot be monitored. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2510 Copyright (C) 2020 CA. All rights reserved. R01039-D200-SP1 DESC(QTXA PARALLEL THREADS ACCUMULATION FIX). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R099552 S004454 S006862 S012769 S013891) SUP (ST14357) CSECT(NUSUMCLC,NUSUMCLM) .

Service	Details
SO15817	SO15817 M.C.S. ENTRIES = ++PTF (SO15817) LOG ACCUMULATION ABEND SOC4 IN ICEIPUT PROBLEM DESCRIPTION: When the log accumulation component of CA Merge/Modify for Db2 for z/OS (PMM) creates an up-to-date image copy from both a previously created image copy and a Db2 log, and DFSORT is used as a sort program, an ABEND SOC4 can occur in the DFSORT module as a result of tainted higher halves of 64-bit registers. Processing terminates with RC=8. SYMPTOMS: An ABEND SOC4 occurs in DFSORT module ICEIPUT, near offset 0484C8. The following message is displayed: PMM0058I - ACCUMULATE FOR TABLESPACE 'dbname.tsname' DSNUM n COMPLETED WITH ERRORS IMPACT: Log accumulation fails. CIRCUMVENTION: Run DFSORT with MOSIZE=0 specified. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 19.0 CA DBM Solutions for DB2 for z/OS Utility General Recovery Version 20.0 Related Problem: PMM 395 Copyright (C) 2021 CA. All rights reserved. R01198-D200-SP1 DESC(LOG ACCUMULATION ABEND SOC4 IN ICEIPUT). ++VER (Z038) FMID (CUGRK00) PRE (SO14568) SUP (ST15817)

Service	Details	
SO16295	SO16295 M.C.S. ENTRIES = ++PTF (SO16295)	
	CHANGE DEFAULT DB2VER TO 12.1 IN REPORT WRITER SYSPARMS	
	PROBLEM DESCRIPTION:	
	The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) batch report writer default SYSPARMS file (IDRWPRMS) specifies DB2VER=11.1. This PTF changes the default to 12.1 as DB2 V11 is no longer supported by IBM.	
	SYMPTOMS:	
	None.	
	IMPACT:	
	None.	
	CIRCUMVENTION:	
	Manually change DB2VER to your desired value.	
	PRODUCT(S) AFFECTED:	
	CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0	
	Related Problem:	
	IDB2 2558	
	Copyright (C) 2021 CA. All rights reserved. R01267-D200-SP1	
	DESC(CHANGE DEFAULT DB2VER TO 12.1 IN REPORT WRITER SYSPARMS).	
	++VER (Z038)	
	FMID (CIDBK00)	
	SUP (ST16295)	
	MCS	LU00123 STARTS ON PAGE 0002
	MCS	LU00124 STARTS ON PAGE 0004
	MCS	LU00127 STARTS ON PAGE 0015
	MCS	LU00131 STARTS ON PAGE 0015
	MCS	LU00132 STARTS ON PAGE 0017
	MCS	LU00133 STARTS ON PAGE 0021
	MCS	LU00134 STARTS ON PAGE 0021
	MCS	LU00135 STARTS ON PAGE 0023
	MCS	LU00136 STARTS ON PAGE 0025
	MCS	LU00137 STARTS ON PAGE 0027
	MCS	LU00138 STARTS ON PAGE 0029
	MCS	LU00139 STARTS ON PAGE 0030
	MCS	LU00140 STARTS ON PAGE 0032
	MCS	LU00141 STARTS ON PAGE 0034
	MCS	LU00145 STARTS ON PAGE 0037
	MCS	LU00146 STARTS ON PAGE 0039
	MCS	LU00147 STARTS ON PAGE 0047
	MCS	LU00152 STARTS ON PAGE 0048
	MCS	LU00159 STARTS ON PAGE 0049
	MCS	LU00162 STARTS ON PAGE 0049
	MCS	LU00165 STARTS ON PAGE 0050
	MCS	LU00176 STARTS ON PAGE 0052
	MCS	LU00178 STARTS ON PAGE 0053
	MCS	LU00194 STARTS ON PAGE 0056
	MCS	LU00207 STARTS ON PAGE 0058
	MCS	LU00216 STARTS ON PAGE 0059
	MCS	LU00217 STARTS ON PAGE 0060
	MCS	LU00227 STARTS ON PAGE 0063
	MCS	LU00237 STARTS ON PAGE 0064
	MCS	LU00238 STARTS ON PAGE 0066

Service	Details		
	MCS	LU00240	STARTS ON PAGE 0071
	MCS	LU00242	STARTS ON PAGE 0072
	MCS	LU00246	STARTS ON PAGE 0073
	MCS	LU00247	STARTS ON PAGE 0074
	MCS	LU00248	STARTS ON PAGE 0075
	MCS	LU00250	STARTS ON PAGE 0076
	MCS	LU00253	STARTS ON PAGE 0078
	MCS	LU00254	STARTS ON PAGE 0079
	MCS	LU00256	STARTS ON PAGE 0082
	MCS	LU00257	STARTS ON PAGE 0086
	MCS	LU00281	STARTS ON PAGE 0087
	MCS	LU00282	STARTS ON PAGE 0090
	MCS	LU00329	STARTS ON PAGE 0091
	MCS	LU00356	STARTS ON PAGE 0093
	MCS	SO13729	STARTS ON PAGE 0095
	MCS	SO14357	STARTS ON PAGE 0096
	MCS	SO15817	STARTS ON PAGE 0096
	MCS	SO16295	STARTS ON PAGE 0097

CA DB2 Tools 20.0
CA RS 2103 Product/Component Listing

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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 2103 Product/Component Count for this release is 27

CA RS Level	Service	FMID
CAR2103	S016295	CIDBK00
	S015817	CUGRK00
	S014357	CIDBK00
	S013729	CRCQK00
	LU00356	CPLAK00
	LU00329	CPDTK00
	LU00282	CIDBK00
	LU00281	CPFUK00
	LU00257	CPDAK00
	LU00256	CPDAK00
	LU00254	CINSK00
	LU00253	CIDBK00
	LU00250	CPRFK00
	LU00248	CPUTK00
	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

CA RS Level	Service	FMID
	LU00123	CINSK00
CAR2102	S016300	CIDBK00
	S016280	CIDBK00
	S016270	CIDBK00
	S016266	CPFUK00
	S016262	CPFUK00
	S016258	CPRFK00
	S016246	CPFLK00
	S016217	CPUTK00
	S016206	CPDAK00
	S016205	CINSK00
	S016200	CIDBK00
	S016195	CPFUK00
	S016194	CINSK00
	S016183	CINSK00
	S016181	CUGRK00
	S016176	CINSK00
	S016175	CPSAK00
	S016174	CPDTK00
	S016173	CINSK00
	S016165	CPRFK00
	S016160	CPRRK00
	S016149	CPRFK00
	S016133	COFSK00
	S016132	CINSK00
	S016116	CIDBK00
	S016113	CPDTK00
	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

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	S015939	CPUTK00
	S015938	CPFLK00
	S015937	CINSK00
	S015935	CPSAK00
	S015931	CIDBK00
	S015927	CPDTK00
	S015913	CIDBK00
	S015908	CINSK00
	S015895	CPLAK00
	S015868	CINSK00
	S015867	CINSK00
	S015863	CINSK00
	S015843	CPDTK00
	S015816	CRCQK00
	S015807	CRCXK00
	S015806	CRCUK00
	S015805	CPFUK00
	S015804	CINSK00
	S015789	CINSK00
	S015775	CPRFK00
	S015774	CPRFK00
	S015770	CINSK00
	S015761	CIDBK00
	S015760	CINSK00
	S015711	CUGRK00
	S015710	CPUTK00
	S015709	CINSK00
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

CA RS Level	Service	FMID
	S015487	CUGRK00
	S015486	CPUTK00
	S015485	CPRRK00
	S015484	CPFLK00
	S015483	CPDAK00
	S015482	CINSK00
	S015480	CUTSK00
	S015457	CPUTK00
	S015456	CPLAK00
	S015455	CINSK00
	S015450	CRCQK00
	S015449	CINSK00
	S015444	CINSK00
	S015440	COFSK00
	S015395	CPDTK00
	S015394	CINSK00
	S015193	CINSK00
CAR2011	S015314	CPUTK00
	S015313	CPRRK00
	S015312	CPFLK00
	S015311	CINSK00
	S015308	CUGRK00
	S015271	CPUTK00
	S015255	CPRFK00
	S015254	CIDBK00
	S015238	CPUTK00
	S015237	CPRRK00
	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

CA RS Level	Service	FMID
	S015072	CINSK00
	S015070	CIDBK00
	S015064	CPLAK00
	S015062	COFSK00
	S015061	CINSK00
	S015049	CIDBK00
	S015045	CINSK00
	S015031	CINSK00
	S015015	CPFLK00
	S015004	CINSK00
CAR2010	S014984	CPFUK00
	S014949	CPLAK00
	S014923	CIDBK00
	S014902	CPPAK00
	S014901	CINSK00
	S014899	CINSK00
	S014883	CIDBK00
	S014876	CINSK00
	S014874	CINSK00
	S014866	CPLAK00
	S014865	CINSK00
	S014864	CIDBK00
	S014863	CUGRK00
	S014861	CPSAK00
	S014860	CPDTK00
	S014859	CINSK00
	S014853	CIDBK00
	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

CA DB2 Tools 20.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	S014675	CPRFK00
	S014655	COFSK00
	S014642	CIDBK00
CAR2009	S014641	CUGRK00
	S014640	CPRRK00
	S014639	CINSK00
	S014634	CINSK00
	S014624	CIDBK00
	S014623	CINSK00
	S014615	CINSK00
	S014613	CPLAK00
	S014583	CINSK00
	S014570	COFSK00
	S014568	CUGRK00
	S014567	CPUTK00
	S014566	CINSK00
	S014565	CPDAK00
	S014531	CIDBK00
	S014502	CPUTK00
	S014501	CPFUK00
	S014500	CINSK00
	S014491	CINSK00
	S014483	CUGRK00
	S014452	CPLAK00
	S014433	CPFLK00
	S014428	CPUTK00
	S014427	CPFLK00
	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

CA RS Level	Service	FMID
	S014254	CIDBK00
	S014228	CIDBK00
	S014175	CPDAK00
	S014174	CINSK00
	S014126	COFSK00
	S014125	CINSK00
	S014028	CPFUK00
	S014027	CINSK00
	S013888	CINSK00
CAR2008	S014252	CPFLK00
	S014235	CPDTK00
	S014173	CINSK00
	S014168	CINSK00
	S014164	CIDBK00
	S014142	CPLAK00
	S014137	CPLAK00
	S014101	CRCQK00
	S014099	CIDBK00
	S014093	CIDBK00
	S014054	CPUTK00
	S014053	CPFUK00
	S014052	CINSK00
	S014036	CUGRK00
	S014035	CPUTK00
	S014034	CPRRK00
	S014033	CPLAK00
	S014032	CPFUK00
	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

CA RS Level	Service	FMID
	S013887	CPDTK00
	S013881	CUGRK00
	S013880	CPUTK00
	S013879	CPLAK00
	S013878	CINSK00
	S013842	CRCXK00
	S013839	CINSK00
	S013827	CINSK00
	S013825	CIDBK00
	S013814	CINSK00
	S013807	CINSK00
	S013794	CINSK00
	S013781	COFSK00
	S013768	CUGRK00
	S013767	CPUTK00
	S013766	CPFUK00
	S013765	CPFLK00
	S013764	CINSK00
	S013758	COFSK00
	S013726	CINSK00
	S013711	CINSK00
	S013709	CPUTK00
	S013708	CPRRK00
	S013707	CPFUK00
	S013706	CPFLK00
	S013574	CINSK00
CAR2007	S013761	CPDTK00
	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

CA RS Level	Service	FMID
	S013584	CPDAK00
	S013557	CIDBK00
	S013539	CINSK00
	S013515	CIDBK00
	S013509	CINSK00
	S013508	CIDBK00
	S013484	CINSK00
	S013456	CRCXK00
	S013453	CINSK00
	S013450	CPDTK00
	S013437	CPFUK00
	S013421	CPSAK00
	S013417	CINSK00
	S013341	CINSK00
	S013340	CINSK00
	S013273	CINSK00
	S012794	CINSK00
CAR2006	S013352	CINSK00
	S013339	CPRRK00
	S013329	CPSAK00
	S013320	CINSK00
	S013319	CPFUK00
	S013316	CPUTK00
	S013308	CINSK00
	S013307	CAHOK00
	S013306	CRCUK00
	S013234	CPLAK00
	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

CA RS Level	Service	FMID
	S013098	CPUTK00
	S013097	CPFLK00
	S013096	CINSK00
	S013091	CPDTK00
	S013083	CRCQK00
	S013080	CINSK00
	S013075	CINSK00
	S013074	CPDTK00
	S013071	CINSK00
	S013066	CPFLK00
	S013044	CINSK00
	S013032	CIDBK00
	S013024	CUGRK00
	S013009	CPLAK00
	S013005	CIDBK00
	S012999	CINSK00
	S012994	CINSK00
	S012984	CPFLK00
	S012958	CTGRK00
	S012921	CPDTK00
	S012853	CUGRK00
	S012852	CPSAK00
	S012851	CINSK00
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	S012937	CRCXK00
	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

CA RS Level	Service	FMID
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00
	S012586	CUGRK00
	S012585	CPFLK00
	S012553	CRCSK00
	S012547	CINSK00
	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

CA RS Level	Service	FMID
	S012365	CRCUK00
	S012364	CPLAK00
	S012363	CPFUK00
	S012362	COFSK00
	S012361	CINSK00
	S012304	CRCUK00
CAR2004	S012426	CPDTK00
	S012400	CRCXK00
	S012397	CIDBK00
	S012396	CINSK00
	S012352	CUGRK00
	S012323	CINSK00
	S012279	CUGRK00
	S012278	CPUTK00
	S012277	CPRRK00
	S012276	CPFUK00
	S012275	CPFLK00
	S012274	CINSK00
	S012268	CINSK00
	S012267	CPPAK00
	S012249	CINSK00
	S012235	CUGRK00
	S012234	CUGRK00
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00
	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

CA RS Level	Service	FMID
CAR2003	S011977	CIDBK00
	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00

CA RS Level	Service	FMID
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00
	S011686	CUGRK00
	S011685	CPUTK00
	S011684	CINSK00
	S011675	CIDBK00
CAR2002	S011810	CPPAK00
	S011809	CPLAK00
	S011808	CPBAK00
	S011807	CINSK00
	S011780	CIDBK00
	S011731	CPRFK00
	S011701	CPDAK00
	S011700	CINSK00
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	S011693	CIDBK00
	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

CA RS Level	Service	FMID
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	S011323	CUGRK00
	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

CA RS Level	Service	FMID
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00
	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

CA RS Level	Service	FMID
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00
	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

CA RS Level	Service	FMID
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00
	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

CA RS Level	Service	FMID
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	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

CA RS Level	Service	FMID
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCSK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00

CA RS Level	Service	FMID
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	S009180	CPFLK00
	S009177	CIDBK00
	S009166	CRCUK00
	S009147	CUGRK00
	S009146	CINSK00
	S009135	CPUTK00
	S009133	CPLAK00
	S009132	CUGRK00
	S009130	CINSK00
	S009129	CRCQK00
	S009128	COFSK00
	S009126	CINSK00
	S009125	CINSK00
	S009110	CRCXK00
	S009109	CRCUK00
	S009108	CPLAK00
	S009107	CPFUK00
	S009106	COFSK00
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	S009083	CPLAK00
	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

CA RS Level	Service	FMID
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	S008750	CINSK00
	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

CA RS Level	Service	FMID
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00
	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

CA RS Level	Service	FMID
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00
	S007894	CPUTK00
	S007893	CPRRK00
	S007884	CTGRK00
	S007856	CINSK00
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

CA RS Level	Service	FMID
	S007774	CINSK00
	S007711	CPUTK00
	S007560	CINSK00
	S007552	CINSK00
	S007173	CUGRK00
	S007172	CPUTK00
	S007171	CPFUK00
	S007170	CPFLK00
	S007169	CINSK00
CAR1903	S007412	CINSK00
	S007384	CRCXK00
	S007383	CRCUK00
	S007382	CPLAK00
	S007381	CPFUK00
	S007380	COFSK00
	S007379	CINSK00
	S007369	CRCUK00
	S007323	CINSK00
	S007204	CPSAK00
CAR1902	S007167	CINSK00
	S006978	CINSK00
	S006977	CIDBK00
	S006879	CUGRK00
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCSK00
	S006875	CRCQK00
	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

CA RS Level	Service	FMID
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	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

CA RS Level	Service	FMID
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00
	S004756	CINSK00
CAR1808	S004720	CRCUK00
	S004719	CRCMK00
	S004718	CINSK00
	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

CA RS Level	Service	FMID
	S004437	CRCQK00
	S004275	CPFLK00
CAR1807	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	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

CA RS Level	Service	FMID
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00
	S000977	CSQ2100
	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

CA RS Level	Service	FMID
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100
CAR1801	R099853	CRCXK00
	R099748	CINSK00
	R099574	CUGRK00
	R099573	CTGRK00
	R099572	CRCXK00
	R099571	CRCUK00
	R099570	CRCSK00
	R099569	CRCQK00
	R099568	CRCMK00
	R099567	CPXNK00
	R099566	CPUTK00
	R099565	CPSAK00
	R099562	CPRFK00
	R099561	CPRAK00
	R099560	CPPAK00
	R099559	CPLAK00
	R099558	CPFUK00
	R099557	CPFLK00
	R099556	CPDTK00
	R099555	CPDAK00
	R099554	COFSK00
	R099553	CINSK00
	R099552	CIDBK00
CAR1712	R099195	CPRFK00

CA RS Level	Service	FMID
	R098970	CUTSK00
	R098969	CPUTK00
	R098968	CPRRK00
	R098967	CINSK00
	R098859	CINSK00
	R098853	CPDTK00
	R098430	CPSAK00
	R098429	CPDTK00
	R098428	CIDBK00
CAR1711	R098496	CPRFK00
	R098251	CPSAK00
	R098088	CPDTK00
	R098087	CINSK00
CAR1710	R098041	CSQ2100
	R097923	CPDTK00
	R097922	CINSK00
	R097825	CPSAK00
	R097824	CPDTK00
	R097823	CINSK00
	R097722	CUGRK00
	R097721	CRCUK00
	R097720	CRCSK00
	R097719	CRCQK00
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	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

CA RS Level	Service	FMID
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	R096579	CPDAK00
	R096578	CPBAK00
	R096577	COFSK00
	R096576	CINSK00
	R096575	CIDBK00
CAR1707	R096495	CSQ2100
	R096401	CUTSK00
CAR1706	R096169	CPSAK00
	R096168	CPDTK00
	R096167	CINSK00
	R096162	CPDAK00
	R096102	CSQ2100
	R096005	CUTSK00
	R096002	CUGRK00
	R095972	CUTSK00
	R095918	CUTSK00