

Service	Description	Type
S012304	COLUMN NOT EDITABLE FOR REPEATED ROW IN RC/EDIT	PTF
S012361	COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12	PTF
S012362	COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12	PTF
S012363	COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12	PTF
S012364	COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12	PTF
S012365	COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12	PTF
S012366	COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12	PTF
S012367	DB2 V11 BIND PROGAUTH FOR PLAN REPORTS	PTF
S012368	DB2 V11 BIND PROGAUTH FOR PLAN REPORTS	PTF
S012412	SUPPORT APPLCOMPAT V12R1 FOR PROCEDURE OBJECT	PTF
S012428	INCLUDE DYNAMIC TEXT INDICATOR IN SV4DB2 CALL	PTF
S012429	INCLUDE DYNAMIC TEXT INDICATOR IN SV4DB2 CALL	PTF
S012483	DEFAULT TESTVER DOES NOT MATCH FOR REMOTE DATA COLLECTOR	PTF
S012487	NO SUPPORT FOR RID7 IN CDC & DML KEY REPORT	PTF
S012501	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
S012524	AUX INDEX IS CREATED WITHOUT LOB TS AND AUX TB	PTF
S012525	NEW DISCARD-LIMIT-RESUME KEYWORD	PTF
S012526	NEW DISCARD-LIMIT-RESUME KEYWORD	PTF
S012527	NEW DISCARD-LIMIT-RESUME KEYWORD	PTF
S012528	NEW DISCARD-LIMIT-RESUME KEYWORD	PTF
S012529	NEW DISCARD-LIMIT-RESUME KEYWORD	PTF
S012530	NEW DISCARD-LIMIT-RESUME KEYWORD	PTF
S012536	VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS	PTF
S012537	VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS	PTF
S012538	VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS	PTF
S012539	VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS	PTF
S012547	OLM EXPORTS LISTDEF WITH TRAILING SPACES	PTF
S012553	ABEND WHEN RUNNING REVOKE IMPACT ANALYSIS BATCH REPORT	PTF
S012585	OVERESTIMATED RECORD COUNT OF MULTI-VOLUME TAPE DATA SETS	PTF
S012586	DYNAMIC ALLOCATION FAILURE FOR WILDCARD OBJECTS	PTF
S012624	UPDATED RECOMMENDATIONS FOR MJUTLAL,MJUTLAL1 AND PANEL LINKS	PTF
S012650	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
S012651	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
S012652	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
S012653	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
S012654	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
S012655	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
S012656	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
S012657	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
S012706	INCLUDES ACE AND DATA SHARING GROUP NAME FIELDS IN DSQCONT	PTF
S012715	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
S012716	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
S012717	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
S012730	SOC4-11 IN UTA\$GTM+192	PTF
S012751	MITIGATE ACEE MODIFICATIONS	PTF
S012754	DATASTORE COMPATIBILITY MODULE FOR SUBSYSTEM ANALYZER	PTF
S012763	IMPROVED RESOLUTION OF INFLIGHT UNITS OF RECOVERY	PTF

Service	Description	Type
S012764	ADD ACM EXTRACT JCL TO SAMPLE JCL LIBRARY	PTF
S012769	OMNIBUS PROBLEM RECORD FOR 20PI1 DEVELOPMENT PROJECTS	PTF
S012783	RCQ REAL-TIME STATISTICS REPORT ENHANCEMENT	PTF
S012792	ICL ALTER INDEX ENDS WITH 2 RIGHT PAREN AFTER LISTING COLUMN	PTF
S012797	GRANT/REVOKE STATEMENTS SUPPORT FOR DDL REPORTING	PTF
S012808	U802 ABEND WHEN STARTING FUTURE SQL TRACE IN DETECTOR	PTF
S012812	ONLINE COMPARE DEECTS CHANGES ON IDENTICAL VIEWS	PTF
S012817	RC/MERGER ATTRIBUTE MISMATCH COLUMN NUMBER	PTF
S012819	SQL-302 ERROR WHEN USING PDA COLLECTION SERVICES	** PRP **
S012821	SECURITY OR INTEGRITY PROBLEM.	PTF
S012829	UNLOAD UTILITY GENERATED ARE TABLE NAME DESCENDING ORDER	PTF
S012889	EXCLUSIVE BIND/REBIND AND GRANT/REVOKE REPORTS	PTF
S012896	DATA COLLECTOR TASKS HANG WAITING ON INTERNAL LOCK	PTF
S012899	SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR	PTF
S012900	SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR	PTF
S012901	SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR	PTF
S012902	SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR	PTF
S012904	BATCH ENHANCEMENT TO QUICK MIGRATE IMP/EXPL ALL & GC SET PRC	PTF
S012924	INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES	PTF
S012925	INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES	PTF
S012926	INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES	PTF
S012927	INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES	PTF
S012933	SUPPORT FOR ON DELETE ADD EXTRA ROW	PTF
S012934	SUPPORT FOR ON DELETE ADD EXTRA ROW	PTF
S012935	SUPPORT FOR ON DELETE ADD EXTRA ROW	PTF
S012936	SUPPORT FOR ON DELETE ADD EXTRA ROW	PTF
S012937	SUPPORT FOR ON DELETE ADD EXTRA ROW	PTF
S012942	LINE COMMAND BIND PARAMETERS (BR) BROKEN IN PLAN DETAIL	PTF
S012943	LINE COMMAND BIND PARAMETERS (BR) BROKEN IN PLAN DETAIL	PTF
S012966	SECURITY OR INTEGRITY PROBLEM.	PTF
The CA RS 2005 service count for this release is 77		

CA DB2 Tools
CA RS 2005 Service List for CIDBK00

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FMID	Service	Description	Type
CIDBK00	S012428	INCLUDE DYNAMIC TEXT INDICATOR IN SV4DB2 CALL	PTF
	S012483	DEFAULT TESTVER DOES NOT MATCH FOR REMOTE DATA COLLECTOR	PTF
	S012536	VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS	PTF
	S012706	INCLUDES ACE AND DATA SHARING GROUP NAME FIELDS IN DSQCONT	PTF
	S012769	OMNIBUS PROBLEM RECORD FOR 20PI1 DEVELOPMENT PROJECTS	PTF
	S012896	DATA COLLECTOR TASKS HANG WAITING ON INTERNAL LOCK	PTF
The CA RS 2005 service count for this FMID is 6			

CA DB2 Tools
CA RS 2005 Service List for CINSK00

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FMID	Service	Description	Type
CINSK00	S012361	COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12	PTF
	S012367	DB2 V11 BIND PROGAUTH FOR PLAN REPORTS	PTF
	S012524	AUX INDEX IS CREATED WITHOUT LOB TS AND AUX TB	PTF
	S012525	NEW DISCARD-LIMIT-RESUME KEYWORD	PTF
	S012537	VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS	PTF
	S012547	OLM EXPORTS LISTDEF WITH TRAILING SPACES	PTF
	S012650	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
	S012715	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	S012751	MITIGATE ACEE MODIFICATIONS	PTF
	S012764	ADD ACM EXTRACT JCL TO SAMPLE JCL LIBRARY	PTF
	S012792	ICL ALTER INDEX ENDS WITH 2 RIGHT PAREN AFTER LISTING COLUMN	PTF
	S012812	ONLINE COMPARE DEECTS CHANGES ON IDENTICAL VIEWS	PTF
	S012817	RC/MERGER ATTRIBUTE MISMATCH COLUMN NUMBER	PTF
	S012819	SQL-302 ERROR WHEN USING PDA COLLECTION SERVICES	** PRP **
	S012829	UNLOAD UTILITY GENERATED ARE TABLE NAME DESCENDING ORDER	PTF
	S012899	SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR	PTF
	S012904	BATCH ENHANCEMENT TO QUICK MIGRATE IMP/EXPL ALL & GC SET PRC	PTF
	S012924	INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES	PTF
	S012933	SUPPORT FOR ON DELETE ADD EXTRA ROW	PTF
	S012942	LINE COMMAND BIND PARAMETERS (BR) BROKEN IN PLAN DETAIL	PTF
The CA RS 2005 service count for this FMID is 20			

CA DB2 Tools
CA RS 2005 Service List for COFSK00

FMID	Service	Description	Type
COFSK00	S012362	COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12	PTF
	S012412	SUPPORT APPLCOMPAT V12R1 FOR PROCEDURE OBJECT	PTF
The CA RS 2005 service count for this FMID is 2			

CA DB2 Tools
CA RS 2005 Service List for CPDAK00

FMID	Service	Description	Type
CPDAK00	S012624	UPDATED RECOMMENDATIONS FOR MJUTLAL,MJUTLAL1 AND PANEL LINKS	PTF
	S012651	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
The CA RS 2005 service count for this FMID is 2			

CA DB2 Tools
CA RS 2005 Service List for CPDTK00

FMID	Service	Description	Type
CPDTK00	S012429	INCLUDE DYNAMIC TEXT INDICATOR IN SV4DB2 CALL	PTF
	S012538	VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS	PTF
	S012652	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
	S012808	U802 ABEND WHEN STARTING FUTURE SQL TRACE IN DETECTOR	PTF
	S012821	SECURITY OR INTEGRITY PROBLEM.	PTF
	S012925	INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES	PTF
The CA RS 2005 service count for this FMID is 6			

CA DB2 Tools
CA RS 2005 Service List for CPFLK00

FMID	Service	Description	Type
CPFLK00	S012526	NEW DISCARD-LIMIT-RESUME KEYWORD	PTF
	S012585	OVERESTIMATED RECORD COUNT OF MULTI-VOLUME TAPE DATA SETS	PTF
The CA RS 2005 service count for this FMID is 2			

CA DB2 Tools
CA RS 2005 Service List for CPFUK00

FMID	Service	Description	Type
CPFUK00	S012363	COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12	PTF
	S012527	NEW DISCARD-LIMIT-RESUME KEYWORD	PTF
	S012653	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
	S012934	SUPPORT FOR ON DELETE ADD EXTRA ROW	PTF
The CA RS 2005 service count for this FMID is 4			

CA DB2 Tools
CA RS 2005 Service List for CPLAK00

FMID	Service	Description	Type
CPLAK00	S012364	COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12	PTF
	S012487	NO SUPPORT FOR RID7 IN CDC & DML KEY REPORT	PTF
	S012654	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
	S012763	IMPROVED RESOLUTION OF INFLIGHT UNITS OF RECOVERY	PTF
	S012797	GRANT/REVOKE STATEMENTS SUPPORT FOR DDL REPORTING	PTF
	S012889	EXCLUSIVE BIND/REBIND AND GRANT/REVOKE REPORTS	PTF
	S012900	SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR	PTF
	S012935	SUPPORT FOR ON DELETE ADD EXTRA ROW	PTF
The CA RS 2005 service count for this FMID is 8			

CA DB2 Tools
CA RS 2005 Service List for CPPAK00

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FMID	Service	Description	Type
CPPAK00	S012368	DB2 V11 BIND PROGAUTH FOR PLAN REPORTS	PTF
	S012655	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
	S012943	LINE COMMAND BIND PARAMETERS (BR) BROKEN IN PLAN DETAIL	PTF
The CA RS 2005 service count for this FMID is 3			

CA DB2 Tools
CA RS 2005 Service List for CPRRK00

FMID	Service	Description	Type
CPRRK00	S012528	NEW DISCARD-LIMIT-RESUME KEYWORD	PTF
	S012716	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
The CA RS 2005 service count for this FMID is 2			

CA DB2 Tools
CA RS 2005 Service List for CPSAK00

FMID	Service	Description	Type
CPSAK00	S012539	VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS	PTF
	S012754	DATASTORE COMPATIBILITY MODULE FOR SUBSYSTEM ANALYZER	PTF
	S012926	INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES	PTF
	S012966	SECURITY OR INTEGRITY PROBLEM.	PTF
The CA RS 2005 service count for this FMID is 4			

CA DB2 Tools
CA RS 2005 Service List for CPUTK00

FMID	Service	Description	Type
CPUTK00	S012529	NEW DISCARD-LIMIT-RESUME KEYWORD	PTF
	S012656	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
	S012717	INFRASTRUCTURE FOR FUTURE ENHANCEMENT	PTF
	S012730	SOC4-11 IN UTA\$GTM+192	PTF
	S012901	SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR	PTF
	S012927	INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES	PTF
The CA RS 2005 service count for this FMID is 6			

CA DB2 Tools
CA RS 2005 Service List for CRCQK00

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FMID	Service	Description	Type
CRCQK00	S012783	RCQ REAL-TIME STATISTICS REPORT ENHANCEMENT	PTF
The CA RS 2005 service count for this FMID is 1			

CA DB2 Tools
CA RS 2005 Service List for CRC SK00

FMID	Service	Description	Type
CRC SK00	SO12553	ABEND WHEN RUNNING REVOKE IMPACT ANALYSIS BATCH REPORT	PTF
The CA RS 2005 service count for this FMID is 1			

CA DB2 Tools
CA RS 2005 Service List for CRCUK00

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FMID	Service	Description	Type
CRCUK00	S012304	COLUMN NOT EDITABLE FOR REPEATED ROW IN RC/EDIT	PTF
	S012365	COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12	PTF
	S012657	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
	S012936	SUPPORT FOR ON DELETE ADD EXTRA ROW	PTF
The CA RS 2005 service count for this FMID is 4			

CA DB2 Tools
CA RS 2005 Service List for CRCXK00

FMID	Service	Description	Type
CRCXK00	S012366	COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12	PTF
	S012937	SUPPORT FOR ON DELETE ADD EXTRA ROW	PTF
The CA RS 2005 service count for this FMID is 2			

CA DB2 Tools
CA RS 2005 Service List for CSQ2100

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FMID	Service	Description	Type
CSQ2100	S012501	V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT	PTF
The CA RS 2005 service count for this FMID is 1			

CA DB2 Tools
CA RS 2005 Service List for CUGRK00

FMID	Service	Description	Type
CUGRK00	S012530	NEW DISCARD-LIMIT-RESUME KEYWORD	PTF
	S012586	DYNAMIC ALLOCATION FAILURE FOR WILDCARD OBJECTS	PTF
	S012902	SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR	PTF
The CA RS 2005 service count for this FMID is 3			

Service	Details
SO12304	SO12304 M.C.S. ENTRIES = ++PTF (SO12304) COLUMN NOT EDITABLE FOR REPEATED ROW IN RC/EDIT PROBLEM DESCRIPTION: When editing a table using RC/Edit in CA RC/Update for DB2 for z/OS (RCU), a few columns on repeated rows are blocked for editing created in Db2 5. SYMPTOMS: Columns are grayed and data cannot be changed for the repeated rows and fails with error. IMPACT: You cannot modify column data. CIRCUMVENTION: None PRODUCT(S) AFFECTED: CA RC/Update for DB2 for z/OS Version 20.0 Related Problem: RCU 1095 Copyright (C) 2020 CA. All rights reserved. R00795-D200-SP1 DESC(COLUMN NOT EDITABLE FOR REPEATED ROW IN RC/EDIT). ++VER (Z038) FMID (CRCUK00) PRE (SO01415 SO09166) SUP (ST12304)

Service	Details
SO12361	SO12361 M.C.S. ENTRIES = ++PTF (SO12361) COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12 ENHANCEMENT DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), support has been added to generate the COMPRESS value for LOB tablespaces. The COMPRESS clause will now be generated for LOB tablespace DDL for Migrate, Alter and Compare strategies. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3029 Copyright (C) 2020 CA. All rights reserved. R00800-D200-SP0 DESC (COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12) . ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000785 S000978 S001396 S001655 S001896 S003959 S004129 S004455 S004718 S004794 S004855 S005011 S005199 S006113 S006286 S006497 S006608 S006638 S006863 S006978 S007169 S007323 S007379 S007807 S007940 S007955 S008128 S008278 S008291 S008434 S008606 S008662 S008804 S008825 S008832 S008847 S008859 S008869 S008957 S009022 S009105 S009183 S009205 S009356 S009417 S009426 S009461 S009761 S009785 S009799 S009860 S009976 S009999 S010041 S010046 S010162 S010173 S010174 S010200 S010417 S010549 S010662 S010676 S010712 S010760 S010907 S010974 S011078 S011084 S011112 S011129 S011221 S011231 S011234 S011373 S011430 S011547 S011566 S011576 S011684 S011691 S011766 S011807 S011866 S011966 S011995 S012067 S012106 S012147 S012149 S012274 S012323 SO12367) SUP (AR97704 AS06638 AS07379 BS06638 R099748 S000343 S005237 S007167 S007412 S007774 S008198 S008202 S008262 S008414 S008856 S009033 S009126 S009546 S009790 S009839 S010021 S010080 S010243 S010331 S010437 S010512 S010631 S010763 S010815 S010827 S010948 S010978 S011048 S011696 S011737 S011806 S011942 S011988 S012031 S012042 S012164 S012249 ST00343 ST05065 ST05237 ST07167 ST07198 ST07412 ST07444 ST07774 ST08198 ST08202 ST08262 ST08395 ST08414 ST08760 ST08780 ST08856 ST08916 ST08965 ST09031 ST09033 ST09126 ST09530 ST09546 ST09790 ST09791 ST09839 ST10021 ST10080 ST10243 ST10331 ST10437 ST10512 ST10631 ST10763 ST10815 ST10827 ST10948 ST10978 ST11048 ST11648 ST11696 ST11737 ST11806 ST11942 ST11988 ST12031 ST12042 ST12164 ST12249 ST12361 TR99748) ++IF FMID(COFSK00) REQ(SO12362) . ++IF FMID(CPFUK00) REQ(SO12363) . ++IF FMID(CPLAK00) REQ(SO12364) . ++IF FMID(CRCUK00) REQ(SO12365) .

Service	Details
	<pre> ++IF FMID(CRCXK00) REQ(SO12366) . ++HOLD (SO12361) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20084) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+ ***** * 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 (SO12361) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (20084) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+ </pre>

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

Service	Details
SO12362	SO12362 M.C.S. ENTRIES = ++PTF (SO12362) COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12 ENHANCEMENT DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), support has been added to generate the COMPRESS value for LOB tablespaces. The COMPRESS clause will now be generated for LOB tablespace DDL for Migrate, Alter and Compare strategies. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3029 Copyright (C) 2020 CA. All rights reserved. R00800-D200-SP0 DESC (COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12) . ++VER (Z038) FMID (COFSK00) PRE (R096577 R097705 R099554 S001397 S004456 S006114 S006864 S007380 S007808 S008435 S008663 S009106 S009762 S011967 S012412) SUP (S008101 ST08101 ST12362) ++IF FMID(CPFUK00) REQ(S012363) . ++IF FMID(CPLAK00) REQ(S012364) . ++IF FMID(CRCUK00) REQ(S012365) . ++IF FMID(CRCXK00) REQ(S012366) . ++IF FMID(CINSK00) REQ(S012361) .

Service	Details
SO12363	SO12363 M.C.S. ENTRIES = ++PTF (SO12363) COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12 ENHANCEMENT DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), support has been added to generate the COMPRESS value for LOB tablespaces. The COMPRESS clause will now be generated for LOB tablespace DDL for Migrate, Alter and Compare strategies. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3029 Copyright (C) 2020 CA. All rights reserved. R00800-D200-SP0 DESC (COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12). ++VER (Z038) FMID (CPFUK00) PRE (R096582 R099558 S000019 S001402 S001657 S001818 S004460 S005013 S005503 S006118 S006867 S007171 S007381 S007812 S008352 S008860 S009025 S009107 S009764 S010043 S010107 S010175 S010626 S011108 S011236 S011968 S011997 S012108 S012151 S012276) SUP (ST08865 ST08980 ST09009 ST12363) ++IF FMID(COFSK00) REQ(S012362) . ++IF FMID(CPLAK00) REQ(S012364) . ++IF FMID(CRCUK00) REQ(S012365) . ++IF FMID(CRCXK00) REQ(S012366) . ++IF FMID(CINSK00) REQ(S012361) .

Service	Details
SO12364	SO12364 M.C.S. ENTRIES = ++PTF (SO12364) COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12 ENHANCEMENT DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), support has been added to generate the COMPRESS value for LOB tablespaces. The COMPRESS clause will now be generated for LOB tablespace DDL for Migrate, Alter and Compare strategies. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3029 Copyright (C) 2020 CA. All rights reserved. R00800-D200-SP0 DESC (COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12). ++VER (Z038) FMID (CPLAK00) PRE (R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S004795 S005014 S006119 S006868 S007382 S007813 S008802 S008870 S009108 S009133 S010641 S010677 S011113 S011669 S011809 S011969) SUP (ST08866 ST08981 ST09010 ST11705 ST11713 ST12364) ++IF FMID(COFSK00) REQ(SO12362) . ++IF FMID(CPFUK00) REQ(SO12363) . ++IF FMID(CRCUK00) REQ(SO12365) . ++IF FMID(CRCXK00) REQ(SO12366) . ++IF FMID(CINSK00) REQ(SO12361) .

Service	Details
SO12365	SO12365 M.C.S. ENTRIES = ++PTF (SO12365) COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12 ENHANCEMENT DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), support has been added to generate the COMPRESS value for LOB tablespaces. The COMPRESS clause will now be generated for LOB tablespace DDL for Migrate, Alter and Compare strategies. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3029 Copyright (C) 2020 CA. All rights reserved. R00800-D200-SP0 DESC (COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12) . ++VER (Z038) FMID (CRCUK00) PRE (R096594 R097721 R099571 S000026 S001415 S004472 S004720 S006130 S006877 S007383 S007824 S009109 S010975 S011867 S011970) SUP (ST12365) ++IF FMID(COFSK00) REQ(S012362) . ++IF FMID(CPFUK00) REQ(S012363) . ++IF FMID(CPLAK00) REQ(S012364) . ++IF FMID(CRCXK00) REQ(S012366) . ++IF FMID(CINSK00) REQ(S012361) .

Service	Details
SO12366	SO12366 M.C.S. ENTRIES = ++PTF (SO12366) COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12 ENHANCEMENT DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), support has been added to generate the COMPRESS value for LOB tablespaces. The COMPRESS clause will now be generated for LOB tablespace DDL for Migrate, Alter and Compare strategies. PRODUCT(S) AFFECTED: CA RC/Migrator for DB2 for z/OS Version 20.0 Related Problem: RCM 3029 Copyright (C) 2020 CA. All rights reserved. R00800-D200-SP0 DESC (COMPRESS CLAUSE SUPPORT FOR LOB TABLESPACES IN DB2 12) . ++VER (Z038) FMID (CRCXK00) PRE (R099572 R099853 S000027 S001416 S004473 S006131 S006878 S007384 S009110 S011079 S011868 S011971) SUP (ST08868 ST08983 ST09012 ST12366) ++IF FMID(COFSK00) REQ(S012362) . ++IF FMID(CPFUK00) REQ(S012363) . ++IF FMID(CPLAK00) REQ(S012364) . ++IF FMID(CRCUK00) REQ(S012365) . ++IF FMID(CINSK00) REQ(S012361) .

Service	Details
S012367	S012367 M.C.S. ENTRIES = ++PTF (S012367) DB2 V11 BIND PROGAUTH FOR PLAN REPORTS ENHANCEMENT DESCRIPTION: In CA Plan Analyzer for DB2 for z/OS (PPA), the Plan List, Plan Detail, Plan Utilities, and Identify Problem Plans catalog reports now report on the Db2 11 BIND PLAN parameter PROGAUTH. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Release 20.0 Related Problem: PPADB2 1023 Copyright (C) 2020 CA. All rights reserved. R00801-D200-SP0 DESC(DB2 V11 BIND PROGAUTH FOR PLAN REPORTS). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000785 S000978 S001396 S001655 S003959 S004129 S004455 S004718 S004794 S005011 S005199 S006113 S006497 S006608 S006638 S006863 S006978 S007169 S007379 S007807 S007940 S008434 S008662 S008804 S008825 S008832 S008847 S008859 S008869 S009022 S009105 S009205 S009426 S009761 S009785 S009860 S009976 S009999 S010041 S010046 S010162 S010173 S010174 S010200 S010417 S010662 S010676 S010712 S010907 S011078 S011084 S011112 S011129 S011221 S011234 S011373 S011430 S011547 S011566 S011576 S011684 S011766 S011807 S011966 S011995 S012067 S012106 S012149 S012274 S012323) SUP (ST12367) ++IF FMID(CPPAK00) REQ(S012368) .

Service	Details
S012368	S012368 M.C.S. ENTRIES = ++PTF (S012368) DB2 V11 BIND PROGAUTH FOR PLAN REPORTS ENHANCEMENT DESCRIPTION: In CA Plan Analyzer for DB2 for z/OS (PPA), the Plan List, Plan Detail, Plan Utilities, and Identify Problem Plans catalog reports now report on the Db2 11 BIND PLAN parameter PROGAUTH. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Release 20.0 Related Problem: PPADB2 1023 Copyright (C) 2020 CA. All rights reserved. R00801-D200-SP0 DESC(DB2 V11 BIND PROGAUTH FOR PLAN REPORTS). ++VER (Z038) FMID (CPPAK00) PRE (R096584 R097710 R099560 S000021 S001404 S004462 S006120 S006869 S007814 S009787 S009862 S010000 S010278 S010714 S011131 S011567 S011768 S011810 S012068 S012267) SUP (ST12368) ++IF FMID(CINSK00) REQ(S012367) .

Service	Details
SO12412	SO12412 M.C.S. ENTRIES = ++PTF (SO12412) SUPPORT APPLCOMPAT V12R1 FOR PROCEDURE OBJECT PROBLEM DESCRIPTION: In CA RC/Query for DB2 for z/OS, invalid DDL is generated on a routine object containing APPLCOMPAT value as V12R1 or above. SYMPTOMS: Duplicate clauses are generated in the DDL output. IMPACT: Generated DDL is not executable. CIRCUMVENTION: None. PRODUCTS AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 CA Database Management Solutions for DB2 for z/OS Version 20.0 Related Problem: OFS 696 Copyright (C) 2020 CA. All rights reserved. R00806-D200-SP0 DESC (SUPPORT APPLCOMPAT V12R1 FOR PROCEDURE OBJECT) . ++VER (Z038) FMID (COFSK00) PRE (R096577 R097705 R099554 S001397 S004456 S006114 S006864 S007380 S007808 S008435 S008663 S009106 S009762 S011967) SUP (ST12409 ST12412)

Service	Details
SO12428	SO12428 M.C.S. ENTRIES = ++PTF (SO12428) INCLUDE DYNAMIC TEXT INDICATOR IN SV4DB2 CALL PROBLEM DESCRIPTION: Detector for DB2 for z/OS (PDT) is being modified to add a dynamic SQL text indicator to the CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) interface. SYMPTOMS: When retrieving SQL text you may be given the message "SQL Text data base not available" when the statement is actually a static SQL statement that should have been retrieved from the DB2 catalog. IMPACT: Dynamic SQL text may not always be identified in the PDT-IDB2 interface. CIRCUMVENTION: The Sysview/DB2 SYSPARM HIST-ACCT-DETAIL can be changed from 'PDTSQL' to 'SQL'. However, the overhead of the SQL option may be prohibitive. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: PDT 1684 Copyright (C) 2020 CA. All rights reserved. R00808-D200-SP0 DESC(INCLUDE DYNAMIC TEXT INDICATOR IN SV4DB2 CALL). ++VER (Z038) FMID (CIDBK00) PRE (R098428 S001395 S004454 S006333 S011693) SUP (ST10533 ST12428 TR98366) ++IF FMID(CPDTK00) REQ(SO12429) . ++HOLD (SO12428) SYSTEM FMID(CIDBK00) REASON (RESTART) DATE (20090) COMMENT (<pre> +-----+ CA SYSVIEW Performance Management Option 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
SO12429	SO12429 M.C.S. ENTRIES = ++PTF (SO12429) INCLUDE DYNAMIC TEXT INDICATOR IN SV4DB2 CALL PROBLEM DESCRIPTION: Detector for DB2 for z/OS (PDT) is being modified to add a dynamic SQL text indicator to the CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) interface. SYMPTOMS: When retrieving SQL text you may be given the message "SQL Text data base not available" when the statement is actually a static SQL statement that should have been retrieved from the DB2 catalog. IMPACT: Dynamic SQL text may not always be identified in the PDT-IDB2 interface. CIRCUMVENTION: The Sysview/DB2 SYSPARM HIST-ACCT-DETAIL can be changed from 'PDTSQL' to 'SQL'. However, the overhead of the SQL option may be prohibitive. PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: PDT 1684 Copyright (C) 2020 CA. All rights reserved. R00808-D200-SP0 DESC(INCLUDE DYNAMIC TEXT INDICATOR IN SV4DB2 CALL). ++VER (Z038) FMID (CPDTK00) PRE (R096168 R097707 R098429 R099556 S000263 S001400 S003942 S004458 S006334 S007810 S008323 S008789 S009065 S009811 S010538 S010908 S011694) SUP (SO12131 ST12131 ST12429) ++IF FMID(CIDBK00) REQ(SO12428) . ++HOLD (SO12429) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (20090) 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 +-----+-----+ </pre> *****

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
SO12483	SO12483 M.C.S. ENTRIES = ++PTF (SO12483) DEFAULT TESTVER DOES NOT MATCH FOR REMOTE DATA COLLECTOR PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) user interface (UI) may not be able to connect to the remote data collector (DC) if the default TESTVER sysparm is used in the DC and UI. SYMPTOMS: The following message could occur in UI on the "Pick a DB2 Subsystem" panel: DBG55166E TESTVER does not match. IMPACT: Remote data collector could not be accessible. CIRCUMVENTION: Use the same TESTVER sysparm in the DC and UI. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2473 Copyright (C) 2020 CA. All rights reserved. R00811-D200-SP0 DESC(DEFAULT TESTVER DOES NOT MATCH FOR REMOTE DATA COLLECTOR). ++VER (Z038) FMID (CIDBK00) PRE (R099552 S001395 S004454 S008302) SUP (ST12483) ++HOLD (SO12483) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (20085) COMMENT (<pre> +-----+ CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE To fix default TESTVER value. +-----+-----+ USERS This hold data is relevant for all customers who use AFFECTED CA SYSVIEW Performance Management Option for DB2 for z/OS. +-----+-----+ KNOWLEDGE DB2 Tools Post Install. REQUIRED +-----+-----+ ACCESS Post Install customization libraries REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Re-execute the DB2 Tools Post Install dialog. On the "CA SYSVIEW for DB2 Customization Parameters Page" panel use the RESET command to reset all values to the default values.).</pre>

Service	Details
SO12487	SO12487 M.C.S. ENTRIES = ++PTF (SO12487) The following items are included in this solution: 1. NO SUPPORT FOR RID7 IN CDC & DML KEY REPORT 2. MESSAGE LAE0311W INDICATES RETURN CODE: 0000 ===== NO SUPPORT FOR RID7 IN CDC & DML KEY REPORT PROBLEM DESCRIPTION: The CA Log Analyzer for DB2 for z/OS (PLA) Change Data Capture (CDC) report displays the RID number with an incorrect length. The DML report with Level of Detail: Key incorrectly calculates the partition & page number based on RID5 which results in the wrong key record being located and reported. SYMPTOMS: In CDC report, the RID information contains only 10 characters instead of 14 characters. The DML report with Key level of detail miscalculates a partition number and a page number for log records representing updates of a page set with relative page numbering. As result the report may contain invalid key values. IMPACT: For CDC report, the invalid RID numbers results into incorrect data reported. For DML report with Key level of detail the reported data may be incorrect or corrupt. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Release 20.0 Related Problem: PLA 1295 ===== MESSAGE LAE0311W INDICATES RETURN CODE: 0000 PROBLEM DESCRIPTION: CA Log Analyzer for DB2 for z/OS (PLA) prints incorrect return code value in warning message LAE0311W. Return code value printed is 0000, but that doesn't correspond to reality. The message would never be printed if the return code was zero. SYMPTOMS: Message LAE0311W is printed into the job output and contains the following: 'Return Code: 0000, Reason Code: OPEN.' Message LAE0071W immediately follows indicating a tablespace for which the compression dictionary was attempting to build. IMPACT: No direct impact on job output, but misleading information in the message can cause confusion or misinterpretation of the output. CIRCUMVENTION: Not needed. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Release 20.0 Related Problem: PLA 1294 Copyright (C) 2020 CA. All rights reserved. R00812-D200-SP1 DESC(NO SUPPORT FOR RID7 IN CDC & DML KEY REPORT). ++VER (Z038)

Service	Details
	FMID (CPLAK00) PRE (R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S005014 S007813 S008008 S008802 S009133 S009252 S009333 S010677 S011669) SUP (ST12487) ++HOLD (S012487) SYSTEM FMID(CPLAK00) REASON (MSGSKEL) DATE (20097) COMMENT (<pre> +-----+ CA Log Analyzer for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).</pre>

Service	Details																								
SO12501	SO12501 M.C.S. ENTRIES = ++PTF (SO12501) The following items are included in this solution: 1. V12R1M505 SQL PARSE BUILT-IN FUNCTION SUPPORT 2. V12R1M506 SQL PARSE BUILT-IN FUNCTION SUPPORT ===== V12R1M505 SQL PARSE BUILT-IN FUNCTION SUPPORT ENHANCEMENT DESCRIPTION: In CA Common SQL Services for DB2 for z/OS, the SQL parser has been enhanced for function level V12R1M505 to support the following new built-in scalar functions: ENCRYPT_DATAKEY DECRYPT_DATAKEY_BIGINT DECRYPT_DATAKEY_BIT DECRYPT_DATAKEY_CLOB DECRYPT_DATAKEY_DBCLOB DECRYPT_DATAKEY_DECIMAL DECRYPT_DATAKEY_INTEGER DECRYPT_DATAKEY_VARCHAR DECRYPT_DATAKEY_VARGRAPHIC PRODUCT(S) AFFECTED: CA Common SQL Services for DB2 for z/OS Version 1.0 Related Problem: SQ2 24 ===== V12R1M506 SQL PARSE BUILT-IN FUNCTION SUPPORT ENHANCEMENT DESCRIPTION: In CA Common SQL Services for DB2 for z/OS, the SQL parser has been enhanced for function level V12R1M506 to support these pre-existing built-in functions which now include a new alternate name: <table> <tr> <td>Preexisting Func Name</td><td>Alt Func Name</td></tr> <tr> <td>=====</td><td>=====</td></tr> <tr> <td>COVARIANCE or COVAR</td><td>COVAR_POP</td></tr> <tr> <td>CHARACTER_LENGTH</td><td>CHAR_LENGTH</td></tr> <tr> <td>CLOB</td><td>TO_CLOB</td></tr> <tr> <td>HASH_MD5, HASH_SHA1, or HASH_SHA256</td><td>HASH</td></tr> <tr> <td>LEFT</td><td>STRLEFT</td></tr> <tr> <td>POSSTR</td><td>STRPOS</td></tr> <tr> <td>POWER</td><td>POW</td></tr> <tr> <td>RAND</td><td>RANDOM</td></tr> <tr> <td>RIGHT</td><td>STRRIGHT</td></tr> <tr> <td>TIMESTAMP_FORMAT or TO_DATE</td><td>TO_TIMESTAMP</td></tr> </table> PRODUCT(S) AFFECTED: CA Common SQL Services for DB2 for z/OS Version 1.0 Related Problem: SQ2 25 Copyright (C) 2020 CA. All rights reserved. R00027-SQ2010-SP1 DESC(V12R1M505 SQL PARSE BUILT-IN FUNCTION SUPPORT). ++VER (Z038) FMID (CSQ2100) PRE (R096102 R096495 R097090 R098041 R099899 S000849 S004155 S005308 S006494 S008576) SUP (S008799 ST08799 ST12501)	Preexisting Func Name	Alt Func Name	=====	=====	COVARIANCE or COVAR	COVAR_POP	CHARACTER_LENGTH	CHAR_LENGTH	CLOB	TO_CLOB	HASH_MD5, HASH_SHA1, or HASH_SHA256	HASH	LEFT	STRLEFT	POSSTR	STRPOS	POWER	POW	RAND	RANDOM	RIGHT	STRRIGHT	TIMESTAMP_FORMAT or TO_DATE	TO_TIMESTAMP
Preexisting Func Name	Alt Func Name																								
=====	=====																								
COVARIANCE or COVAR	COVAR_POP																								
CHARACTER_LENGTH	CHAR_LENGTH																								
CLOB	TO_CLOB																								
HASH_MD5, HASH_SHA1, or HASH_SHA256	HASH																								
LEFT	STRLEFT																								
POSSTR	STRPOS																								
POWER	POW																								
RAND	RANDOM																								
RIGHT	STRRIGHT																								
TIMESTAMP_FORMAT or TO_DATE	TO_TIMESTAMP																								

Service	Details
SO12524	SO12524 M.C.S. ENTRIES = ++PTF (SO12524) AUX INDEX IS CREATED WITHOUT LOB TS AND AUX TB PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS, if you use DDL-SSID compare strategy to drop the LOB column of a base table, the analysis will generate create index DDL for the auxiliary index if the following conditions are true: 1) The source DDL includes create DDL for LOB TS, AUX TB and AUX IX. 2) The create table DDL for the base table does not include LOB column. SYMPTOMS: The create table DDL for the base is without a LOB column. The create auxiliary table is incorrectly created. IMPACT: The execution will fail since the auxiliary index is incorrectly created where there is no LOB column in the base table. CIRCUMVENTION: Edit the source DDL and remove create DDL for LOB TS, AUX TB and AUX IX and recreate the compare strategy. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 3053 Copyright (C) 2020 CA. All rights reserved. R00815-D200-SP1 DESC(AUX INDEX IS CREATED WITHOUT LOB TS AND AUX TB). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S001396 S004718 S006113 S006638 S007379 S007807 S008957 S009105 S011691 S011866 S011966 S012361) SUP (S009126 S010331 S010631 S010827 S010978 ST08916 ST09126 ST10331 ST10631 ST10827 ST10978 ST12524)

Service	Details
S012525	S012525 M.C.S. ENTRIES = ++PTF (S012525) NEW DISCARD-LIMIT-RESUME KEYWORD ENHANCEMENT DESCRIPTION: A new DISCARD-LIMIT-RESUME keyword for CA Fast Load for DB2 for z/OS (PFL) allows you to specify whether PFL leaves database the object data and status unchanged when the DISCARDS limit is reached. Db2 pagesets are left unchanged when you specify DISCARD-LIMIT-RESUME NO and the DISCARDS limit is reached. Specify DISCARD-LIMIT-RESUME NO in SYSIN to leave the database object data and status unchanged when the DISCARDS limit is reached. Alternatively, you can specify PFL-DISCARD-LIMIT-RESUME globally in hlq.CDBAPARM(UTIL). The option specified in SYSIN overrides the value specified in hlq.CDBAPARM(UTIL). PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1292 Copyright (C) 2020 CA. All rights reserved. R00816-D200-SP0 DESC(NEW DISCARD-LIMIT-RESUME KEYWORD) . ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000785 S000978 S001396 S001655 S003959 S004129 S004455 S004718 S004794 S005011 S005199 S006113 S006497 S006608 S006638 S006863 S006978 S007169 S007379 S007807 S007940 S008434 S008662 S008804 S008825 S008832 S008847 S008859 S008869 S009022 S009105 S009205 S009426 S009761 S009785 S009860 S009976 S009999 S010041 S010046 S010162 S010173 S010174 S010200 S010417 S010662 S010676 S010712 S010907 S011078 S011084 S011112 S011129 S011221 S011234 S011373 S011430 S011547 S011566 S011576 S011684 S011766 S011807 S011966 S011995 S012067 S012106 S012149 S012274 S012323 S012361 S012367) SUP (ST12525) ++IF FMID(CPFLK00) REQ(S012526) . ++IF FMID(CPFUK00) REQ(S012527) . ++IF FMID(CPRRK00) REQ(S012528) . ++IF FMID(CPUTK00) REQ(S012529) . ++IF FMID(CUGRK00) REQ(S012530) .

Service	Details																										
S012526	S012526 M.C.S. ENTRIES = ++PTF (S012526) NEW DISCARD-LIMIT-RESUME KEYWORD ENHANCEMENT DESCRIPTION: A new DISCARD-LIMIT-RESUME keyword for CA Fast Load for DB2 for z/OS (PFL) allows you to specify whether PFL leaves database the object data and status unchanged when the DISCARDS limit is reached. Db2 pagesets are left unchanged when you specify DISCARD-LIMIT-RESUME NO and the DISCARDS limit is reached. Specify DISCARD-LIMIT-RESUME NO in SYSIN to leave the database object data and status unchanged when the DISCARDS limit is reached. Alternatively, you can specify PFL-DISCARD-LIMIT-RESUME globally in hlq.CDBAPARM(UTIL). The option specified in SYSIN overrides the value specified in hlq.CDBAPARM(UTIL). PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1292 Copyright (C) 2020 CA. All rights reserved. R00816-D200-SP0 DESC(NEW DISCARD-LIMIT-RESUME KEYWORD). ++VER (Z038) FMID (CPFLK00) PRE (R096581 R097708 R099557 S000018 S000704 S001401 S001656 S004275 S004459 S004857 S005012 S005502 S006117 S006866 S007170 S007811 S008071 S008378 S008428 S008584 S009024 S009900 S009977 S010195 S010752 S011107 S011235 S011431 S011520 S011601 S011846 S011946 S011996 S012107 S012128 S012150 S012275) SUP (ST01650 ST11056 ST12526) ++IF FMID(CPFUK00) REQ(S012527) . ++IF FMID(CPRRK00) REQ(S012528) . ++IF FMID(CPUTK00) REQ(S012529) . ++IF FMID(CUGRK00) REQ(S012530) . ++IF FMID(CINSK00) REQ(S012525) . ++HOLD (S012526) SYSTEM FMID(CPFLK00) REASON (DB2BIND) DATE (20090) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+ CA Fast Load for DB2 for z/OS Version 20.0 +-----+</td></tr> <tr> <td> SEQUENCE</td><td> After Apply </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> PURPOSE</td><td> Bind Plans and Packages </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> USERS</td><td> </td></tr> <tr> <td> AFFECTED</td><td> All Users </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> KNOWLEDGE</td><td> </td></tr> <tr> <td> REQUIRED</td><td> CA DB2 Tools Post Install Customization. </td></tr> <tr> <td colspan="2">+-----+</td></tr> <tr> <td> ACCESS</td><td> 1. CA DB2 Tools Post Install </td></tr> <tr> <td> REQUIRED</td><td> 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. </td></tr> </table>	+-----+ CA Fast Load 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.
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USERS																											
AFFECTED	All Users																										
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KNOWLEDGE																											
REQUIRED	CA DB2 Tools Post Install Customization.																										
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ACCESS	1. CA DB2 Tools Post Install																										
REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.																										

Service	Details
	<pre> +-----+-----+ ***** * 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 (SO12526) SYSTEM FMID(CPFLK00) REASON (MSGSKEL) DATE (20090) COMMENT (+-----+-----+ CA Fast Load for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Relink XMESSAGES +-----+-----+ USERS AFFECTED All CA DB2 Tools Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.). </pre>

Service	Details
S012527	S012527 M.C.S. ENTRIES = ++PTF (S012527) NEW DISCARD-LIMIT-RESUME KEYWORD ENHANCEMENT DESCRIPTION: A new DISCARD-LIMIT-RESUME keyword for CA Fast Load for DB2 for z/OS (PFL) allows you to specify whether PFL leaves database the object data and status unchanged when the DISCARDS limit is reached. Db2 pagesets are left unchanged when you specify DISCARD-LIMIT-RESUME NO and the DISCARDS limit is reached. Specify DISCARD-LIMIT-RESUME NO in SYSIN to leave the database object data and status unchanged when the DISCARDS limit is reached. Alternatively, you can specify PFL-DISCARD-LIMIT-RESUME globally in hlq.CDBAPARM(UTIL). The option specified in SYSIN overrides the value specified in hlq.CDBAPARM(UTIL). PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1292 Copyright (C) 2020 CA. All rights reserved. R00816-D200-SP0 DESC(NEW DISCARD-LIMIT-RESUME KEYWORD) . ++VER (Z038) FMID (CPFUK00) PRE (R096582 R099558 S000019 S001402 S001657 S004460 S005013 S005503 S006118 S006867 S007171 S007381 S007812 S008352 S008860 S009025 S009107 S009764 S010043 S010107 S010175 S010626 S011108 S011236 S011968 S011997 S012108 S012151 S012276 S012363) SUP (ST01651 ST12527) ++IF FMID(CPFLK00) REQ(S012526) . ++IF FMID(CPRRK00) REQ(S012528) . ++IF FMID(CPUTK00) REQ(S012529) . ++IF FMID(CUGRK00) REQ(S012530) . ++IF FMID(CINSK00) REQ(S012525) .

Service	Details
S012528	S012528 M.C.S. ENTRIES = ++PTF (S012528) NEW DISCARD-LIMIT-RESUME KEYWORD ENHANCEMENT DESCRIPTION: A new DISCARD-LIMIT-RESUME keyword for CA Fast Load for DB2 for z/OS (PFL) allows you to specify whether PFL leaves database the object data and status unchanged when the DISCARDS limit is reached. Db2 pagesets are left unchanged when you specify DISCARD-LIMIT-RESUME NO and the DISCARDS limit is reached. Specify DISCARD-LIMIT-RESUME NO in SYSIN to leave the database object data and status unchanged when the DISCARDS limit is reached. Alternatively, you can specify PFL-DISCARD-LIMIT-RESUME globally in hlq.CDBAPARM(UTIL). The option specified in SYSIN overrides the value specified in hlq.CDBAPARM(UTIL). PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1292 Copyright (C) 2020 CA. All rights reserved. R00816-D200-SP0 DESC(NEW DISCARD-LIMIT-RESUME KEYWORD) . ++VER (Z038) FMID (CPRRK00) PRE (R096588 R097715 R098968 S000023 S000786 S000846 S001409 S001658 S004247 S004467 S004797 S005015 S006125 S006582 S006609 S007818 S007893 S008379 S009026 S009089 S009599 S009901 S009905 S010007 S011080 S011109 S011200 S011222 S011237 S011432 S011603 S011847 S011998 S012109 S012152 S012277) SUP (ST01652 ST05446 ST05477 ST05520 ST05816 ST05840 ST11058 ST12528) ++IF FMID(CPFLK00) REQ(S012526) . ++IF FMID(CPFUK00) REQ(S012527) . ++IF FMID(CPUTK00) REQ(S012529) . ++IF FMID(CUGRK00) REQ(S012530) . ++IF FMID(CINSK00) REQ(S012525) .

Service	Details
S012529	S012529 M.C.S. ENTRIES = ++PTF (S012529) NEW DISCARD-LIMIT-RESUME KEYWORD ENHANCEMENT DESCRIPTION: A new DISCARD-LIMIT-RESUME keyword for CA Fast Load for DB2 for z/OS (PFL) allows you to specify whether PFL leaves database the object data and status unchanged when the DISCARDS limit is reached. Db2 pagesets are left unchanged when you specify DISCARD-LIMIT-RESUME NO and the DISCARDS limit is reached. Specify DISCARD-LIMIT-RESUME NO in SYSIN to leave the database object data and status unchanged when the DISCARDS limit is reached. Alternatively, you can specify PFL-DISCARD-LIMIT-RESUME globally in hlq.CDBAPARM(UTIL). The option specified in SYSIN overrides the value specified in hlq.CDBAPARM(UTIL). PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1292 Copyright (C) 2020 CA. All rights reserved. R00816-D200-SP0 DESC(NEW DISCARD-LIMIT-RESUME KEYWORD) . ++VER (Z038) FMID (CPUTK00) PRE (R096590 R097717 R098969 R099566 S000024 S000787 S001411 S001659 S004469 S004798 S005016 S005102 S006068 S006127 S006610 S006619 S006874 S007172 S007711 S007820 S007894 S008072 S008380 S008429 S008586 S008732 S008803 S008861 S008871 S009027 S009253 S009765 S009902 S009978 S010038 S010196 S010678 S011085 S011110 S011114 S011238 S011433 S011521 S011604 S011685 S011848 S011849 S011999 S012153 S012278) SUP (AS04469 CS04469 S005700 S006064 S009569 ST05700 ST06064 ST08364 ST09569 ST12529) ++IF FMID(CPFLK00) REQ(S012526) . ++IF FMID(CPFUK00) REQ(S012527) . ++IF FMID(CPRRK00) REQ(S012528) . ++IF FMID(CUGRK00) REQ(S012530) . ++IF FMID(CINSK00) REQ(S012525) .

Service	Details
S012530	S012530 M.C.S. ENTRIES = ++PTF (S012530) NEW DISCARD-LIMIT-RESUME KEYWORD ENHANCEMENT DESCRIPTION: A new DISCARD-LIMIT-RESUME keyword for CA Fast Load for DB2 for z/OS (PFL) allows you to specify whether PFL leaves database the object data and status unchanged when the DISCARDS limit is reached. Db2 pagesets are left unchanged when you specify DISCARD-LIMIT-RESUME NO and the DISCARDS limit is reached. Specify DISCARD-LIMIT-RESUME NO in SYSIN to leave the database object data and status unchanged when the DISCARDS limit is reached. Alternatively, you can specify PFL-DISCARD-LIMIT-RESUME globally in hlq.CDBAPARM(UTIL). The option specified in SYSIN overrides the value specified in hlq.CDBAPARM(UTIL). PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1292 Copyright (C) 2020 CA. All rights reserved. R00816-D200-SP0 DESC(NEW DISCARD-LIMIT-RESUME KEYWORD) . ++VER (Z038) FMID (CUGRK00) PRE (R096595 R097722 R099574 S000029 S000201 S000788 S001418 S001660 S003677 S003816 S004249 S004251 S004475 S004799 S005018 S006069 S006132 S006879 S007173 S007826 S007905 S008280 S008466 S008668 S008833 S008841 S009028 S009132 S009595 S009742 S009748 S009766 S009867 S009903 S010044 S010165 S010201 S010306 S010553 S010818 S010819 S011083 S011239 S011323 S011605 S011686 S011929 S012000 S012110 S012155 S012279 S012352) SUP (S004048 S009974 ST04048 ST09825 ST09907 ST09974 ST12530) ++IF FMID(CPFLK00) REQ(S012526) . ++IF FMID(CPFUK00) REQ(S012527) . ++IF FMID(CPRRK00) REQ(S012528) . ++IF FMID(CPUTK00) REQ(S012529) . ++IF FMID(CINSK00) REQ(S012525) .

Service	Details				
SO12536	SO12536 M.C.S. ENTRIES = ++PTF (SO12536) VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS PROBLEM DESCRIPTION: CA Subsystem Analyzer for DB2 for z/OS (PSA) may display incorrect values in the VP_ALLOC column for buffer pools that are defined with PGFIX(YES) 1M/2G frames. SYMPTOMS: The VP_ALLOC column may show incorrect values on the SS Analyzer Buffer Pool Activity Display when there is activity in the buffer pool. IMPACT: Unable to determine the number of pages/frames allocated to a buffer pool defined with PGFIX(YES). CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: <table> <tr> <td>CA Subsystem Analyzer for DB2 for z/OS</td><td>Version 19.0</td></tr> <tr> <td>CA Subsystem Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PSA 526 Copyright (C) 2020 CA. All rights reserved. R00817-D200-SP1 DESC (VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS) . ++VER (Z038) FMID (CIDBK00) PRE (R096575 S001395 S001664 S004454 S006112 S006862 S007806 S008846 S010160 S010906 S011977) SUP (S010248 ST10248 ST12536) ++IF FMID(CINSK00) REQ(S012537) . ++IF FMID(CPDTK00) REQ(S012538) . ++IF FMID(CPSAK00) REQ(S012539) .	CA Subsystem Analyzer for DB2 for z/OS	Version 19.0	CA Subsystem Analyzer for DB2 for z/OS	Version 20.0
CA Subsystem Analyzer for DB2 for z/OS	Version 19.0				
CA Subsystem Analyzer for DB2 for z/OS	Version 20.0				

Service	Details
SO12537	SO12537 M.C.S. ENTRIES = ++PTF (SO12537) VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS PROBLEM DESCRIPTION: CA Subsystem Analyzer for DB2 for z/OS (PSA) may display incorrect values in the VP_ALLOC column for buffer pools that are defined with PGFIX(YES) 1M/2G frames. SYMPTOMS: The VP_ALLOC column may show incorrect values on the SS Analyzer Buffer Pool Activity Display when there is activity in the buffer pool. IMPACT: Unable to determine the number of pages/frames allocated to a buffer pool defined with PGFIX(YES). CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 19.0 CA Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 526 Copyright (C) 2020 CA. All rights reserved. R00817-D200-SP1 DESC (VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS). ++VER (Z038) FMID (CINSK00) PRE (S000016 S001396 S001665 S006113 S006863 S011945 S012106 S012396) SUP (S005070 S009693 S009929 ST05070 ST09693 ST09929 ST11916 ST12537) ++IF FMID(CPDTK00) REQ(S012538) . ++IF FMID(CPSAK00) REQ(S012539) . ++IF FMID(CIDBK00) REQ(S012536) . ++HOLD (S012537) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20097) 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 +-----+-----+ ***** </pre> *****

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		
SO12538	SO12538 M.C.S. ENTRIES = ++PTF (SO12538) VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS PROBLEM DESCRIPTION: CA Subsystem Analyzer for DB2 for z/OS (PSA) may display incorrect values in the VP_ALLOC column for buffer pools that are defined with PGFIX(YES) 1M/2G frames. SYMPTOMS: The VP_ALLOC column may show incorrect values on the SS Analyzer Buffer Pool Activity Display when there is activity in the buffer pool. IMPACT: Unable to determine the number of pages/frames allocated to a buffer pool defined with PGFIX(YES). CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 19.0 CA Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 526 Copyright (C) 2020 CA. All rights reserved. R00817-D200-SP1 DESC (VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS). ++VER (Z038) FMID (CPDTK00) PRE (R096168 R096580 R097707 R098429 R099556 S001400 S003942 S004458 S004757 S006116 S006334 S006865 S007810 S007988 S008129 S009065 S009811 S010908 S011694 S011983 S012429) SUP (AS06334 AS07810 AS08129 R099946 S000263 S000423 S006838 S008323 S008446 S008789 S009239 S009601 S009828 S010018 S010492 S010538 S010652 S012131 ST00263 ST00423 ST06838 ST07220 ST08323 ST08446 ST08789 ST09239 ST09601 ST09828 ST10018 ST10492 ST10536 ST10538 ST10652 ST12131 ST12538 TR99946) ++IF FMID(CINSK00) REQ(SO12537) . ++IF FMID(CPSAK00) REQ(SO12539) . ++IF FMID(CIDBK00) REQ(SO12536) . ++HOLD (SO12538) SYSTEM FMID(CPDTK00) REASON (RESTART) DATE (20097) COMMENT (<table> <tr> <td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> SEQUENCE Before Apply PURPOSE Avoidance of module mismatch related errors in an Xmanager USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming	CA Detector for DB2 for z/OS	Version 20.0
CA Detector for DB2 for z/OS	Version 20.0		

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

Service	Details
SO12539	SO12539 M.C.S. ENTRIES = ++PTF (SO12539) VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS PROBLEM DESCRIPTION: CA Subsystem Analyzer for DB2 for z/OS (PSA) may display incorrect values in the VP_ALLOC column for buffer pools that are defined with PGFIX(YES) 1M/2G frames. SYMPTOMS: The VP_ALLOC column may show incorrect values on the SS Analyzer Buffer Pool Activity Display when there is activity in the buffer pool. IMPACT: Unable to determine the number of pages/frames allocated to a buffer pool defined with PGFIX(YES). CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 19.0 CA Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 526 Copyright (C) 2020 CA. All rights reserved. R00817-D200-SP1 DESC(VP_ALLOC INCORRECT FOR PAGEFIX 2GB BUFFERPOOLS). ++VER (Z038) FMID (CPSAK00) PRE (SO07819) SUP (SO08393 ST08393 ST12539) ++IF FMID(CINSK00) REQ(SO12537) . ++IF FMID(CPDTK00) REQ(SO12538) . ++IF FMID(CIDBK00) REQ(SO12536) . ++HOLD (SO12539) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (20097) COMMENT (<pre> +-----+ CA Subsystem Analyzer for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE Before Apply +-----+-----+ PURPOSE Avoidance of module mismatch related errors in an Xmanager +-----+-----+ USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. +-----+-----+ KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. 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
SO12547	SO12547 M.C.S. ENTRIES = ++PTF (SO12547) OLM EXPORTS LISTDEF WITH TRAILING SPACES PROBLEM DESCRIPTION: Object List Manager for Db2 for z/OS (OLM) does not remove trailing spaces in database-name in the LISTDEF EXPORT statement when DBNAME column in SYSIBM.SYSTABLESPACE table contains trailing spaces. SYMPTOMS: LISTDEF exported from OLM contains trailing spaces in database-name. IMPACT: Exported LISTDEF is incorrect. CIRCUMVENTION: None PRODUCTS AFFECTED: Object List Manager for DB2 for z/OS 20.0 Related Problem: INS 477 Copyright (C) 2020 CA. All rights reserved. R00818-D200-SP1 DESC(OLM EXPORTS LISTDEF WITH TRAILING SPACES). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S001396 S004455 S006113 S007807 S009761) SUP (ST12547)

Service	Details
SO12553	SO12553 M.C.S. ENTRIES = ++PTF (SO12553) ABEND WHEN RUNNING REVOKE IMPACT ANALYSIS BATCH REPORT PROBLEM DESCRIPTION: When the Revoke Impact Analysis Batch Report in CA RC/Secure for DB2 for z/OS (RCS) is generated, the job abends with S04E. SYMPTOMS: Using the RCS#RVKE template, submit a batch job for a Revoke Impact Analysis for a large number of users, to generate a large unload file. The job returns with an S04E abend. IMPACT: Revoke Impact Analysis Report cannot be generated in Batch. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA RC/Secure for DB2 for z/OS Version 20 .0 Related Problem: RCSDB2 718 Copyright (C) 2020 CA. All rights reserved. R00819-D200-SP1 DESC(ABEND WHEN RUNNING REVOKE IMPACT ANALYSIS BATCH REPORT). ++VER (Z038) FMID (CRCSK00) PRE (R099570) SUP (ST10032 ST12553)

Service	Details
SO12585	SO12585 M.C.S. ENTRIES = ++PTF (SO12585) OVERESTIMATED RECORD COUNT OF MULTI-VOLUME TAPE DATA SETS PROBLEM DESCRIPTION: CA Fast Load for DB2 for z/OS (PFL) overestimates the record count of input multi-volume tape data sets. SYMPTOMS: Overestimated record count of input multi-volume tape data sets. IMPACT: Sort performance issues or sort failures. CIRCUMVENTION: Specify the record count estimate with the ESTIMATED-INPUT parameter. PRODUCT(S) AFFECTED: CA Fast Load for DB2 for z/OS Version 20.0 Related Problem: PFL 1293 Copyright (C) 2020 CA. All rights reserved. R00820-D200-SP0 DESC(OVERESTIMATED RECORD COUNT OF MULTI-VOLUME TAPE DATA SETS). ++VER (Z038) FMID (CPFLK00) PRE (SO11846) SUP (ST12585)

Service	Details
SO12586	SO12586 M.C.S. ENTRIES = ++PTF (SO12586) DYNAMIC ALLOCATION FAILURE FOR WILDCARD OBJECTS PROBLEM DESCRIPTION: CA Quick Copy for DB2 for z/OS (PQC) may fail with dynamic allocation error when wildcarded objects are given with specific objects in copy syntax. Example : COPY TABLESPACE DBXXXXXX.* TABLESPACE DBZZZZZZ.TSYYYYYY SYMPTOMS: The following message is issued in the joblog after QUICK COPY is interrupted PQC0182E DYNAMIC ALLOCATION FAILURE FOR DDNAME SYSCP101 FOR DBNAME DBXXXXXX PSNAME PSYYYYYY PART NNN PQC0186E INTERNAL RC 004 AND RSN 0101 45 IMPACT: PQC may fail with dynamic allocation error in certain cases. CIRCUMVENTION: Use COPY-TASKS 1 to avoid error. PRODUCT(S) AFFECTED: Utility General Recovery and PFR PMM PQC PFC Version 20.0 Related Problem: PQC 871 Copyright (C) 2020 CA. All rights reserved. R00821-D200-SP1 DESC(DYNAMIC ALLOCATION FAILURE FOR WILDCARD OBJECTS) . ++VER (Z038) FMID (CUGRK00) PRE (S000201 S001660 S004251 S006069 S006132 S009903) SUP (ST09290 ST12586)

Service	Details
SO12624	SO12624 M.C.S. ENTRIES = ++PTF (SO12624) UPDATED RECOMMENDATIONS FOR MJUTLAL,MJUTLAL1 AND PANEL LINKS PROBLEM DESCRIPTION: This PTF fixes the following problems in CA Database Analyzer for DB2 for z/OS (PDA): 1. Errors when using %CALCx replacement values for models MJUTLAL and MJUTLAL1. Refer to HOLDDATA/PDA documentation for details. 2. Broken links to additional information in PDA help panels. SYMPTOMS: 1. When using MJUTLAL/MJUTLAL1 and replacement values in %CALCx, the user may receive the following error message: "ERROR - PREVIOUS CARD - %CALC FORMAT ERROR" 2. ERROR 404 "Page not found" observed when using the links in the panels. IMPACT: 1. Unable to use the %CALC values in the models. 2. Broken panel links to additional information. CIRCUMVENTION None. PRODUCT(S) AFFECTED: CA Database Analyzer For DB2 for z/OS Version 20.0 Related Problem: PDA 1331 Copyright (C) 2020 CA. All rights reserved. R00822-D200-SP1 DESC(UPDATED RECOMMENDATIONS FOR MJUTLAL,MJUTLAL1 AND PANEL LINKS). ++VER (Z038) FMID (CPDAK00) SUP (ST12624) ++HOLD (SO12624) SYSTEM FMID(CPDAK00) REASON (DOC) DATE (20118) COMMENT (<pre> +-----+ CA Database Analyzer For DB2 for z/OS Version 20.0 +-----+ ***** * PUBLICATION * ***** The %CALC FORMAT ERROR message is received when a zero, NULL, or blank value is an input to the %CALC formula. If you receive this message, you can include model services commands to set the default value when the input is a zero, NULL, or blank value. For example, When modifying MJUTLAL/MJUTLAL1 include the following model services command to set %ALPRIQTY to -1 when %REORGP is a zero, NULL, or blank value. #IF(%REORGP,GT,0) #SET %ALPRIQTY = %CALC(%REORGP*4) #ELSE #SET %ALPRIQTY = -1 #ENDIF For more information on User-Defined Symbolic Variables in the CA Database Analyzer for DB2 for z/OS refer documentation at https://techdocs.broadcom.com/content/broadcom/techdocs/us/en/ ca-mainframe-software/database-management/ </pre>

Service	Details
	ca-database-analyzer-for-db2-for-z-os/20-0.html).

Service	Details																																														
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S012656	S012656 M.C.S. ENTRIES = ++PTF (S012656) The following items are included in this solution: 1. V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT 2. V12R1M506 SQL PARSER BUILT-IN FUNCTION SUPPORT ===== V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT ENHANCEMENT DESCRIPTION: In CA Database Management Solutions for DB2 for z/OS (INS), a dependency with the SQL parser in CA Common SQL Services for DB2 for z/OS (SQ2) has been enhanced for function level V12R1M505 to recognize the following new built-in scalar functions: ENCRYPT_DATAKEY DECRYPT_DATAKEY_BIGINT DECRYPT_DATAKEY_BIT DECRYPT_DATAKEY_CLOB DECRYPT_DATAKEY_DBCLOB DECRYPT_DATAKEY_DECIMAL DECRYPT_DATAKEY_INTEGER DECRYPT_DATAKEY_VARCHAR DECRYPT_DATAKEY_VARGRAPHIC PRODUCT(S) AFFECTED: <table> <tr><td>CA Database Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA Log Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA Plan Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA Post Install for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA RC/Query for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA SQL Ease for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA Utilities General Functions for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA Utilities General Recovery for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PPADB2 1024 ===== V12R1M506 SQL PARSER BUILT-IN FUNCTION SUPPORT ENHANCEMENT DESCRIPTION: In CA Database Management Solutions for DB2 for z/OS (INS), a dependency with the SQL parser in CA Common SQL Services for DB2 for z/OS (SQ2) has been enhanced for function level V12R1M505 to support these pre-existing built-in functions which now include a new alternate name: <table> <tr> <th>Preexisting Func Name</th><th>Alt Func Name</th></tr> <tr> <td>=====</td><td>=====</td></tr> <tr><td>COVARIANCE or COVAR</td><td>COVAR_POP</td></tr> <tr><td>CHARACTER_LENGTH</td><td>CHAR_LENGTH</td></tr> <tr><td>CLOB</td><td>TO_CLOB</td></tr> <tr><td>HASH_MD5, HASH_SHA1, or HASH_SHA256</td><td>HASH</td></tr> <tr><td>LEFT</td><td>STRLEFT</td></tr> <tr><td>POSSTR</td><td>STRPOS</td></tr> <tr><td>POWER</td><td>POW</td></tr> <tr><td>RAND</td><td>RANDOM</td></tr> <tr><td>RIGHT</td><td>STRRIGHT</td></tr> </table>	CA Database Analyzer for DB2 for z/OS	Version 20.0	CA Detector for DB2 for z/OS	Version 20.0	CA Fast Unload for DB2 for z/OS	Version 20.0	CA Log Analyzer for DB2 for z/OS	Version 20.0	CA Plan Analyzer for DB2 for z/OS	Version 20.0	CA Post Install for DB2 for z/OS	Version 20.0	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Query for DB2 for z/OS	Version 20.0	CA RC/Update for DB2 for z/OS	Version 20.0	CA SQL Ease for DB2 for z/OS	Version 20.0	CA Utilities General Functions for DB2 for z/OS	Version 20.0	CA Utilities General Recovery for DB2 for z/OS	Version 20.0	Preexisting Func Name	Alt Func Name	=====	=====	COVARIANCE or COVAR	COVAR_POP	CHARACTER_LENGTH	CHAR_LENGTH	CLOB	TO_CLOB	HASH_MD5, HASH_SHA1, or HASH_SHA256	HASH	LEFT	STRLEFT	POSSTR	STRPOS	POWER	POW	RAND	RANDOM	RIGHT	STRRIGHT
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S012657	S012657 M.C.S. ENTRIES = ++PTF (S012657) The following items are included in this solution: 1. V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT 2. V12R1M506 SQL PARSER BUILT-IN FUNCTION SUPPORT ===== V12R1M505 SQL PARSER BUILT-IN FUNCTION SUPPORT ENHANCEMENT DESCRIPTION: In CA Database Management Solutions for DB2 for z/OS (INS), a dependency with the SQL parser in CA Common SQL Services for DB2 for z/OS (SQ2) has been enhanced for function level V12R1M505 to recognize the following new built-in scalar functions: ENCRYPT_DATAKEY DECRYPT_DATAKEY_BIGINT DECRYPT_DATAKEY_BIT DECRYPT_DATAKEY_CLOB DECRYPT_DATAKEY_DBCLOB DECRYPT_DATAKEY_DECIMAL DECRYPT_DATAKEY_INTEGER DECRYPT_DATAKEY_VARCHAR DECRYPT_DATAKEY_VARGRAPHIC PRODUCT(S) AFFECTED: <table> <tr><td>CA Database Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA Detector for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA Fast Unload for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA Log Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA Plan Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA Post Install for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA RC/Query for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA SQL Ease for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA Utilities General Functions for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr><td>CA Utilities General Recovery for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PPADB2 1024 ===== V12R1M506 SQL PARSER BUILT-IN FUNCTION SUPPORT ENHANCEMENT DESCRIPTION: In CA Database Management Solutions for DB2 for z/OS (INS), a dependency with the SQL parser in CA Common SQL Services for DB2 for z/OS (SQ2) has been enhanced for function level V12R1M505 to support these pre-existing built-in functions which now include a new alternate name: <table> <tr> <th>Preexisting Func Name</th><th>Alt Func Name</th></tr> <tr> <td>=====</td><td>=====</td></tr> <tr><td>COVARIANCE or COVAR</td><td>COVAR_POP</td></tr> <tr><td>CHARACTER_LENGTH</td><td>CHAR_LENGTH</td></tr> <tr><td>CLOB</td><td>TO_CLOB</td></tr> <tr><td>HASH_MD5, HASH_SHA1, or HASH_SHA256</td><td>HASH</td></tr> <tr><td>LEFT</td><td>STRLEFT</td></tr> <tr><td>POSSTR</td><td>STRPOS</td></tr> <tr><td>POWER</td><td>POW</td></tr> <tr><td>RAND</td><td>RANDOM</td></tr> <tr><td>RIGHT</td><td>STRRIGHT</td></tr> </table>	CA Database Analyzer for DB2 for z/OS	Version 20.0	CA Detector for DB2 for z/OS	Version 20.0	CA Fast Unload for DB2 for z/OS	Version 20.0	CA Log Analyzer for DB2 for z/OS	Version 20.0	CA Plan Analyzer for DB2 for z/OS	Version 20.0	CA Post Install for DB2 for z/OS	Version 20.0	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Query for DB2 for z/OS	Version 20.0	CA RC/Update for DB2 for z/OS	Version 20.0	CA SQL Ease for DB2 for z/OS	Version 20.0	CA Utilities General Functions for DB2 for z/OS	Version 20.0	CA Utilities General Recovery for DB2 for z/OS	Version 20.0	Preexisting Func Name	Alt Func Name	=====	=====	COVARIANCE or COVAR	COVAR_POP	CHARACTER_LENGTH	CHAR_LENGTH	CLOB	TO_CLOB	HASH_MD5, HASH_SHA1, or HASH_SHA256	HASH	LEFT	STRLEFT	POSSTR	STRPOS	POWER	POW	RAND	RANDOM	RIGHT	STRRIGHT
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Service	Details
SO12706	SO12706 M.C.S. ENTRIES = ++PTF (SO12706) INCLUDES ACE AND DATA SHARING GROUP NAME FIELDS IN DSQCONT ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) now includes ACE (Agent Control Element) and DB2 data sharing group name fields in DSQCONT (Current Lock Contentions) request. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2460 Copyright (C) 2020 CA. All rights reserved. R00830-D200-SP1 DESC(INCLUDES ACE AND DATA SHARING GROUP NAME FIELDS IN DSQCONT). ++VER (Z038) FMID (CIDBK00) SUP (ST12706)

Service	Details
SO12715	SO12715 M.C.S. ENTRIES = ++PTF (SO12715) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This PTF is an infrastructure prerequisite for CA Rapid Reorg for DB2 for z/OS (PRR) future enhancement. PRODUCT(S) AFFECTED: CA Rapid Reorg for DB2 for z/OS Version 20.0 Related Problem: POR 578 Copyright (C) 2020 CA. All rights reserved. R00832-D200-SP1 DESC (INFRASTRUCTURE FOR FUTURE ENHANCEMENT) . ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S000978 S001396 S001655 S004250 S004455 S005011 S006113 S006863 S007379 S007807 S008869 S009761 S009785 S010004 S010173 S010200 S010676 S011078 S011084 S011684) SUP (ST12171 ST12714 ST12715) ++IF FMID(CPRRK00) REQ(SO12716) . ++IF FMID(CPUTK00) REQ(SO12717) . ++HOLD (SO12715) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20105) 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
SO12716	SO12716 M.C.S. ENTRIES = ++PTF (SO12716) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This PTF is an infrastructure prerequisite for CA Rapid Reorg for DB2 for z/OS (PRR) future enhancement. PRODUCT(S) AFFECTED: CA Rapid Reorg for DB2 for z/OS Version 20.0 Related Problem: POR 578 Copyright (C) 2020 CA. All rights reserved. R00832-D200-SP1 DESC(INFRASTRUCTURE FOR FUTURE ENHANCEMENT) . ++VER (Z038) FMID (CPRRK00) PRE (R096588 R097715 R098968 S000023 S001658 S006125 S006582 S006609 S007818 S009026 S009089 S009599 S009905 S011080 S011109 S011200 S011237 S011998 S012109 S012152 S012277 S012528) SUP (ST11058 ST12709 ST12716) ++IF FMID(CPUTK00) REQ(S012717) . ++IF FMID(CINSK00) REQ(S012715) .

Service	Details
SO12717	SO12717 M.C.S. ENTRIES = ++PTF (SO12717) INFRASTRUCTURE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This PTF is an infrastructure prerequisite for CA Rapid Reorg for DB2 for z/OS (PRR) future enhancement. PRODUCT(S) AFFECTED: CA Rapid Reorg for DB2 for z/OS Version 20.0 Related Problem: POR 578 Copyright (C) 2020 CA. All rights reserved. R00832-D200-SP1 DESC (INFRASTRUCTURE FOR FUTURE ENHANCEMENT) . ++VER (Z038) FMID (CPUTK00) PRE (R096590 S000024 S004469 S005016 S006127 S007820 S007894 S009253 S011110 S011238 S011848 S011849) SUP (ST12717) ++IF FMID(CPRRK00) REQ(SO12716) . ++IF FMID(CINSK00) REQ(SO12715) . ++HOLD (SO12717) SYSTEM FMID(CPUTK00) REASON (DB2BIND) DATE (20105) COMMENT (<pre> +-----+ CA DBM Solutions for DB2 for z/OS Utilities Common 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 </pre>

Service	Details
	BIND to complete successfully without contention with the plans being used by the data collectors. <pre> +-----+ CA DBM Solutions for DB2 for z/OS Utilities Common 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 (SO12717) SYSTEM FMID(CPUTK00) REASON (MSGSKEL) DATE (20105) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Utilities Common 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 +-----+ </pre>

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

Service	Details
SO12730	SO12730 M.C.S. ENTRIES = ++PTF (SO12730) SOC4-11 IN UTA\$GTM+192 PROBLEM DESCRIPTION: A SOC4 abend can occur in module UTA\$GTM at offset x'192'. This can happen in rare cases when a product utilizes the module and addresses it in a particular way. SYMPTOMS: An example from running CA Log Analyzer for DB2 for z/OS (PLA): SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=05.50.48 SEQ=36840 CPU=0000 ASID=005E PSW AT TIME OF ERROR 078D2001 BB51E6B2 ILC 6 INTC 11 ACTIVE MODULE ADDRESS=00000000_3B512000 OFFSET=0000C6B2 NAME=UTLXSTID DATA AT PSW 3B51E6AC - E005A784 000BD507 C5A0F008 AR/GR 0: 00000000/00000000 1: 00000000/00000004 2: FFFFFFFF/3B51B36E 3: FFFFFFFF/00000056 4: FFFFFFFF/00000004 5: FFFFFFFF/3B1B7180 6: FFFFFFFF/00000000 7: FFFFFFFF/007B9468 8: FFFFFFFF/00000004 9: FFFFFFFF/00000000 A: FFFFFFFF/00000004 B: FFFFFFFF/00000000 C: FFFFFFFF/3B51E520 D: FFFFFFFF/3B1B7038 E: 00000000/00FF000 F: 00000000/007850DF END OF SYMPTOM DUMP IMPACT: Abnormal termination of the job. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Related Problem: PUT 812 Copyright (C) 2020 CA. All rights reserved. R00833-D200-SP1 DESC(SOC4-11 IN UTA\$GTM+192). ++VER (Z038) FMID (CPUTK00) PRE (R098969 S000024 S006127 S007172 S011085 S011999 S012153) SUP (ST12730)

Version 20.0

Service	Details
SO12751	SO12751 M.C.S. ENTRIES = ++PTF (SO12751) MITIGATE ACEE MODIFICATIONS ENHANCEMENT DESCRIPTION: The CA RC/Migrator for DB2 for z/OS (RCM) has been changed to mitigate ACEE modifications. Starting with z/OS 2.4 and after having activated the RACF ACEECHK class, IRR421I message may be issued. The following is an example of the message issued when an ACEE modification is detected: IRR421I ACEE modification detected for user ???????? in address space ID 0x00000034 running under user ???????? and job name ???????? while program ???????? is running. The RACF function detecting the modification is IRRRCK00. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RMM 249 Copyright (C) 2020 CA. All rights reserved. R00834-D200-SP1 DESC(MITIGATE ACEE MODIFICATIONS). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S001396 S004455 S004718 S004855 S006113 S006638 S007323 S007379 S007807 S007955 S008128 S009105 S010292 S011691 S011866 S011966 S012361) SUP (ST12751)

Service	Details				
SO12754	SO12754 M.C.S. ENTRIES = ++PTF (SO12754) DATASTORE COMPATIBILITY MODULE FOR SUBSYSTEM ANALYZER ENHANCEMENT DESCRIPTION: This enhancement updates the CA Subsystem Analyzer for z/OS (PSA) translate tables in preparation for a future enhancement that will provide support for 64-bit getpage values. The future enhancement requires a change to the structure of the externalized data in the datastore. Releases 19.0 and 20.0 will require the mapping of the updated structures to allow the datastore to be viewed. Note: This is a preconditioning PTF that contains no executables. Apply this PTF before you apply the 64-bit getpage PTF to ensure that you can view the restructured datastore data after the getpage PTF is applied (and also if the getpage PTF is rolled back for any reason). PRODUCT(S) AFFECTED: <table> <tr> <td>CA Subsystem Analyzer for DB2 for z/OS</td><td>Version 19.0</td></tr> <tr> <td>CA Subsystem Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: PSA 529 Copyright (C) 2020 CA. All rights reserved. R00835-D200-SP1 DESC(DATASTORE COMPATIBILITY MODULE FOR SUBSYSTEM ANALYZER). ++VER (Z038) FMID (CPSAK00) SUP (ST12647 ST12672 ST12674 ST12754 TR95492)	CA Subsystem Analyzer for DB2 for z/OS	Version 19.0	CA Subsystem Analyzer for DB2 for z/OS	Version 20.0
CA Subsystem Analyzer for DB2 for z/OS	Version 19.0				
CA Subsystem Analyzer for DB2 for z/OS	Version 20.0				

Service	Details
S012763	S012763 M.C.S. ENTRIES = ++PTF (S012763) IMPROVED RESOLUTION OF INFLIGHT UNITS OF RECOVERY ENHANCEMENT DESCRIPTION: PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 This enhancement for CA Log Analyzer for DB2 for z/OS (PLA) improves the resolution of inflight units of recovery. With this PTF, the collection of inflight units of recovery is done more precisely in data sharing environments. Additionally, use of SYSIBM.SYSLGRNX information to limit reading on members of a data-sharing group is applicable only when RESOLVUR=(START/NO). Related Problem: PLA 1292 Copyright (C) 2020 CA. All rights reserved. R00836-D200-SP1 DESC(IMPROVED RESOLUTION OF INFLIGHT UNITS OF RECOVERY). ++VER (Z038) FMID (CPLAK00) PRE (R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S004795 S006119 S006718 S007813 S008008 S008802 S008870 S009133 S009252 S009333 S010390 S010641 S010677 S011113 S011583 S011669) SUP (ST12763)

Service	Details
SO12764	SO12764 M.C.S. ENTRIES = ++PTF (SO12764) ADD ACM EXTRACT JCL TO SAMPLE JCL LIBRARY ENHANCEMENT DESCRIPTION: This enhancement will add two new JCL sample elements to the product sample library. The JCL will provide a simple way to provide Broadcom with a tersed DFDSS DUMP of data from Db2 catalog tables that can be used to generate DDL to help improve our quality assurance processes. UTLSDSNT will use IBM Db2 sample programme DSNTIAUL to unload data from the Db2 catalog. UTLSPFUN will use CA Fast Unload to unload data from the Db2 catalog. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: GEN 1423 Copyright (C) 2020 CA. All rights reserved. R00837-D200-SP1 DESC(ADD ACM EXTRACT JCL TO SAMPLE JCL LIBRARY). ++VER (Z038) FMID (CINSK00) SUP (ST12764)

Service	Details
S012769	S012769 M.C.S. ENTRIES = ++PTF (S012769) The following items are included in this solution: 1. OMNIBUS PROBLEM RECORD FOR 20PI1 DEVELOPMENT PROJECTS 2. (1002) CURR-STATS2 - SECONDARY LATCH CONTENTIONS 3. INCONSISTENT CALCULATION OF BUFFER POOL WARNING ACROSS IQLS 4. MISSING DB2 SSIDS IN SYSTEM CONDITION MONITOR 5. IRLMCONT SHOWS INCORRECT WAITERS AND THEIR WAIT TIMES 6. ABEND SOC4-11 CSECT IUIODS USING VTAM UI 7. DB2VER MISMATCH VERIFICATION 8. ABEND SOC1 NMIOMODC+742 DC STORAGE OVERLAY IFCID 22 HPROBE 9. SYSPARM FULLDUMP=SVC/YES CHANGE 10. ABEND SOC1 SYSVIEW/DB2 DATA COLLECTOR DURING REQUEST START 11. SUPPORT FOR NEW DB2 11 AND 12 FIELDS IN IFCID 1 12. INCORRECT STATISTICS FOR DEALLOCATED BUFFER POOLS IN DB2 12 13. ABEND SOC4 NADB2CPM ABEND SOD7 FOLLOWING DC CANCEL 14. SUPPORT FOR NEW COMMAND COUNTS IN IFCID 1 15. ISSUE WITH API CALL FOR SECURITY REFRESH 16. STABILIZED DYNAMIC SQL DISPLAY. 17. REPORT FAST TRAVERSAL BLOCKS STATISTICS 18. IDB2 - REQUEST REST ENDPOINT - UPDATE 19. LATCH SUSPENSION IS INCORRECTLY REPORTED IN FEW REPORTS 20. CORRECTION OF AVERAGE CPU IN RESOURCE LIMIT SUMMARY REPORT ===== OMNIBUS PROBLEM RECORD FOR 20PI1 DEVELOPMENT PROJECTS ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) delivers the following enhancements and fixes: P2431 - CURR-STATS2 - SECONDARY LATCH CONTENTIONS P2444 - INCONSISTENT CALCULATION OF BUFFER POOL WARNING ACROSS IQLS P2449 - MISSING DB2 SSIDS IN SYSTEM CONDITION MONITOR P2454 - IRLMCONT SHOWS INCORRECT WAITERS AND THEIR WAIT TIMES. P2456 - ABEND SOC4-11 CSECT IUIODS USING VTAM UI P2457 - DB2VER MISMATCH VERIFICATION P2458 - ABEND SOC1 NMIOMODC+742 DC STORAGE OVERLAY IFCID 22 HPROBE P2459 - SYSPARM FULLDUMP = SVC/YES CHANGE P2462 - ABEND SOC1 SYSVIEW/DB2 DATA COLLECTOR DURING REQUEST START P2464 - SUPPORT FOR NEW DB2 11 AND 12 FIELDS IN IFCID 1 P2467 - INCORRECT STATISTICS FOR DEALLOCATED BUFFER POOLS IN DB2 12 P2468 - ABEND SOC4 NADB2CPM ABEND SOD7 FOLLOWING DC CANCEL P2469 - SUPPORT FOR NEW COMMAND COUNTS IN IFCID 1 P2470 - ISSUE WITH API CALL FOR SECURITY REFRESH. P2471 - STABILIZED DYNAMIC SQL DISPLAY. P2472 - NEW REPORTS FOR FTB FIELDS IN IFCID2 P2474 - UPDATE GET /API/V1/IDB2/REQUEST WITH REQUEST STATUS P2478 - LATCH SUSPENSION IS INCORRECTLY REPORTED IN FEW REPORTS. P2479 - CORRECTION OF 'AVG CPU' IN RESOURCE LIMIT SUMMARY REPORT. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2452 ===== (1002) CURR-STATS2 - SECONDARY LATCH CONTENTIONS ENHANCEMENT DESCRIPTION:

Service	Details
	The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) supports new fields related to secondary latch contentions. IFCID record (1002) CURR-STATS2 was updated and following requests utilize new fields: BTSTASM2 and BTSTATR1 - batch requests LACONT2 - new real time subsystem secondary latch contentions request HSTLACO2 and HSULACO2 - new history interval and summary requests PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2431 ===== INCONSISTENT CALCULATION OF BUFFER POOL WARNING ACROSS IQLS ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) computation of the Buffer Pool Warning has been corrected to be consistent across all IQLs reports. The following reports are updated to reflect the changes: - Buffer Pool List (BUFLISTS, HSBUFL, HSUBUFL) - System Snapshot (SYSSTAT, SYSSTATS, GRPSTAT, GRPSTATS, HSSNAP, HSUSNAP) - Xnet requests (DSQSTBP, DSQSTATS, DSQSYSOA, DSQSYSOD, DSQHIST) SYMPTOMS: IQL reports show different values for 'Buffer Pool Warning' counter. IMPACT: The reported 'Buffer Pool Warning' counter is not correct in several reports. These fields could not be used for analysis. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2444 ===== MISSING DB2 SSIDS IN SYSTEM CONDITION MONITOR PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) System Condition Monitor doesn't show all Db2 subsystems when System name specified on the filter line matches the System ID (LPAR). This occurs when multiple GSS address spaces are defined for the LPAR. SYMPTOMS: A filter value matching the current SYSID causes matching entries to be removed from the list of DB2 subsystems. IMPACT: System Condition Monitor doesn't show all Db2 subsystems. CIRCUMVENTION: Remove System filter. 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 2449 ===== IRLMCONT SHOWS INCORRECT WAITERS AND THEIR WAIT TIMES PROBLEM DESCRIPTION:

Service	Details
	The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) may incorrectly report threads in IRLM lock contention during initial lock resolution period. SYMPTOMS: IRLMCONT report displays threads in contention with compatible locks and values in the Time column are obviously incorrect: <pre>R/IRLMCONT Current Lock Contentions SORT OFF Actions: S=Select, T=SQL, L=Locks, E=Except, R=Rm Stat Time DB2 Plan CorrID LockType Lvl _ HOLD D11A DISTSERV db2jcc_appli DATABASE S _ WAIT 719M D11A DISTSERV db2jcc_appli DATABASE S</pre> IMPACT: Reporting of threads in contention is misleading. CIRCUMVENTION: None. 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 2454 ===== ABEND SOC4-11 CSECT IUIODS USING VTAM UI PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) VTAM UI may report an ABEND SOC4-11 if a connected user is on a screen defined as ".CURSOR = DYNAMIC" in the panel definition (such as SYSSTATS) and places the cursor in the top leftmost corner of the screen, and presses <enter>. SYMPTOMS: The VTAM UI address space reports an ABEND: <pre>IEA995I SYMPTOM DUMP OUTPUT 480 SYSTEM COMPLETION CODE=0C4 REASON CODE=00000011 TIME=16.02.51 SEQ=41076 CPU=0000 ASID=0253 PSW AT TIME OF ERROR 078D2000 BB006138 ILC 4 INTC 11 ACTIVE MODULE ADDRESS=00000000_3B002000 OFFSET=004138 NAME=IUIOLR DATA AT PSW 3B006132 - B02E1816 0610952E 1000A784</pre> IMPACT: The user session fails. An SVC dump is taken by the VTAM UI address space. CIRCUMVENTION: Place the cursor on the letter "M" for "Menu" instead of placing the cursor on the position preceding the letter "M". 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 2456 ===== DB2VER MISMATCH VERIFICATION ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) enhances the verification of Data Collector system parameter DB2VER

Service	Details
	againts the active DB2 subsystem. The message 'DBG37026W DB2 RELEASE NUMBER SPECIFIED IN DB2VER KEYWORD IS INCORRECT' and the message 'DBG37027I DB2 RELEASE NUMBER SPECIFIED IN DB2VER KEYWORD WAS INCORRECT, BUT HAS BEEN CORRECTED.' are sent as WTO. The health check DB2_IDB2_DB2VER_ssid@dcjobnam reports EXCEPTION-LOW status if the DB2VER sysparm mismatches the active DB2 version. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS 20.0 Related Problem: IDB2 2457 ===== ABEND SOC1 NMIOMDC+742 DC STORAGE OVERLAY IFCID 22 HPROBE PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) may encounter an ABEND SOC1 in LMOD NSIGHTNU, CSECT NMIOMDC+0742 after starting any request that collects trace record IFCID 22 (MINI-PLANS). The Sysview/DB2 probes typically activate this trace record. SYMPTOMS: CCSR010E NMSPRMVC SOC1 at 0001B4EA LMOD NSIGHTNU CSECT NMIOMDC+742 CCSR021I OWNER = CA SYSVIEW for DB2 R19.0 CCSR022I MODULE = NMIOMDC FMID = CIDBJ00 RMID = R098322 CCSR060I BREAKING EVENT ADDRESS: 00000000 0001CC88 CCSR061I PSW: 07840000 80000000 00000000 0001B4EA CCSR062I ILC: 02 INTERRUPT CODE: 01 CCSR067I COMPLETION CODE SOC1 REASON CODE 00000001 CCSR064I DATA AT PSW 0001B4E4 : A19805EF 00005990 A3704780 CCSR065I HOME = 00B8 PRIMARY = 00B8 SECONDARY = 00B8 IMPACT: The data collector is abnormally terminated and must be restarted. CIRCUMVENTION: Do not start any requests that use the MINI-PLANS trace record. 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 2458 ===== SYSPPARM FULLDUMP=SVC/YES CHANGE The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) deprecates Sysparm FULLDUMP=YES option. FULLDUMP=YES is processed as FULLDUMP=SVC. ENHANCEMENT DESCRIPTION: PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2459 ===== ABEND SOC1 SYSVIEW/DB2 DATA COLLECTOR DURING REQUEST START PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) may encounter an ABEND SOC1 if a request containing DECLARE statements is stopped and restarted. SYMPTOMS:

Service	Details
	CCSR010E NMSPRMVC SOC1 at 2C8AEAC4 LMOD N/A CSECT N/A +N/A N/A N/A CCSR060I BREAKING EVENT ADDRESS: 00000000 01946F84 CCSR061I PSW: 07842000 80000000 00000000 2C8AEAC4 CCSR062I ILC: 06 INTERRUPT CODE: 01 CCSR067I COMPLETION CODE SOC1 REASON CODE 00000001 CCSR064I DATA AT PSW 2C8AEABE : 000B1900 98ECD00C EBEC048 CCSR065I HOME = 0092 PRIMARY = 0092 SECONDARY = 0092 IMPACT: The data collector is abnormally terminated and must be restarted. CIRCUMVENTION: If you have requests that are regularly stopped and restarted, and they contain DECLARE statements, you can create a separate request containing only the DECLARE statements. Then, remove the DECLAREs from the requests that get stopped and restarted regularly. 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 2462 ===== SUPPORT FOR NEW DB2 11 AND 12 FIELDS IN IFCID 1 ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds support for new fields to the STATS1 (IFCID 1) and CURR-STATS1 (IFCID 1001) DB2 trace records. The following fields were added: Db2 11 field: CDDS-ACCESS-REQS - Total number of Compression Dictionary Data Set (CDDS) access requests. Db2 12 fields: ZHLINK-LOGW-REQS-SUCC - Total number of eligible LOG WRITE I/O requests with successful zHyperLink processing. ZHLINK-LOGW-REQS-UNSUC - Total number of eligible LOG WRITE I/O requests with unsuccessful zHyperLink processing. The following reports were updated: LOGSTATS, HSLOG, HSULOG, DSQHIST, DSQSTATS, BTSTATR1 and BTSTASM1. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2464 ===== INCORRECT STATISTICS FOR DEALLOCATED BUFFER POOLS IN DB2 12 PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) shows incorrect statistics for deallocated buffer pools in Db2 12 in real-time reports based on IFCID (1026) STATS-BUFFER-SIZES. SYMPTOMS: Incorrect statistics are reported for deallocated buffer pools in Db2 12 in the following reports based on IFCID 1026: BUFLISTS, BUFEXCPS, BUFRDWRS, BUFTHRES, BUFWKFLS, and BUFSIM. IMPACT: The real-time reports cannot be used to analyze statistics for deallocated buffer pools in DB2 12. CIRCUMVENTION:

Service	Details
	None. Related Problem: IDB2 2467 ===== ABEND SOC4 NADB2CPM ABEND SOD7 FOLLOWING DC CANCEL PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector may report an ABEND SOC4 in module NIDB2CON following a CANCEL of the data collector or other failure. The SOC4 ABEND may be accompanied by multiple SOD7-25 ABENDS. SYMPTOMS: A series of ABEND SOC4 and ABEND SOD7 along with dumps created, following a CANCEL of the data collector. IMPACT: Data collector cancellation is resource intensive, and creates dumps that are unnecessary. CIRCUMVENTION: Use the STOP command whenever possible, rather than the CANCEL command. 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 2468 ===== SUPPORT FOR NEW COMMAND COUNTS IN IFCID 1 ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) adds support for new fields to the STATS1 (IFCID 1) and CURR-STATS1 (IFCID 1001) DB2 trace records. The following fields were added: Db2 11 field: DISPLAY-SERVICE - Specifies the number of -DISPLAY SERVICE commands. START-SERVICE - Specifies the number of -START SERVICE commands. STOP-SERVICE - Specifies the number of -STOP SERVICE commands. START-CDDS - Specifies the number of -START CDDS commands. STOP-CDDS - Specifies the number of -STOP CDDS commands. Db2 12 field: DISPLAY-ML - Specifies the number of -DISPLAY ML commands. START-ML - Specifies the number of -START ML commands. STOP-ML - Specifies the number of -STOP ML commands. The following reports were updated: ICMDS, HSCMD, HSUCMD, DSQHIST, DSQSTATS, BTSTATR1, BTSTASM1. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2469 ===== ISSUE WITH API CALL FOR SECURITY REFRESH PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) REST API service PUT '/idb2/action/security' call does not accept dataset name in lower case (SECURITY REFRESH). SYMPTOMS:

Service	Details
	PUT API call for updating SECURITY dataset will fail. IMPACT: User cannot update SECURITY dataset with PUT API call '/idb2/action/security'. CIRCUMVENTION: User has to give SECURITY dataset name in upper case. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2470 ===== STABILIZED DYNAMIC SQL DISPLAY. ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) SQL Exec Current Stats and SQL Exec History which are option 10 and 11 respectively from the menu have been enhanced to display a new column 'Catlg Stblz'. This column indicates that the dynamic SQL statement is stabilized using dynamic SQL plan stability and its access path is stored in the DB2 catalog. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2471 ===== REPORT FAST TRAVERSAL BLOCKS STATISTICS ENHANCEMENT DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) has introduced new real-time and history reports showing Fast Traversal Block activity on the system. Batch reports BTSTASM2 and BTSTATR1 are enhanced to report the new fields. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2472 ===== IDB2 - REQUEST REST ENDPOINT - UPDATE The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) enhances GET /idb2/request rest endpoint to display Status of the request. ENHANCEMENT DESCRIPTION: PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2474 ===== LATCH SUSPENSION IS INCORRECTLY REPORTED IN FEW REPORTS PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) has 'Latch Suspensions' field incorrectly mapped to 'Lock Suspensions' field in THRDTRAC, HPRACCT and HPRACCTS reports. SYMPTOMS: 'Lat SuspnDs' (Latch Suspends) field will have incorrect values in THRDTRAC, HPRACCT and HPRACCTS reports. IMPACT: User will not know actual 'Latch Suspensions' value from mentioned

Service	Details																																							
	reports. CIRCUMVENTION: User has to look into other reports like THRDLOCK or HTLOCKS for 'Latch Suspensions' value. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2478 ===== CORRECTION OF AVERAGE CPU IN RESOURCE LIMIT SUMMARY REPORT PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) computes the 'AVG CPU' for Resource Limit Summary section in the BTACTSML report based on the number of records. This average was corrected to be computed based on the count of nonzero values. SYMPTOMS: The 'AVG CPU' might show significantly lower values than expected. IMPACT: The 'AVG CPU' field in the Resource Limit Summary section is misleading. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS 20.0 Related Problem: IDB2 2479 Copyright (C) 2020 CA. All rights reserved. R00838-D200-SP1 DESC(OMNIBUS PROBLEM RECORD FOR 20PI1 DEVELOPMENT PROJECTS). ++VER (Z038) FMID (CIDBK00) PRE (R096575 R097703 R099552 S000077 S001395 S001664 S004454 S006112 S006862 S006977 S007806 S008279 S008846 S009519 S009556 S010160 S010405 S010716 S010739 S010906 S011465 S011616 S011780 S011977 S012536) SUP (S008728 S009743 S010248 S012078 ST03732 ST04895 ST06087 ST06374 ST08728 ST09743 ST10248 ST12078 ST12769) ++HOLD (SO12769) SYSTEM FMID(CIDBK00) REASON (ACTION) DATE (20112) COMMENT (<table><tr><td colspan="3">+-----+-----+-----+</td></tr><tr><td> </td><td>CA SYSVIEW Performance Management Option for DB2 for z/OS</td><td> </td></tr><tr><td> </td><td>Version 20.0</td><td> </td></tr><tr><td colspan="3">+-----+-----+-----+</td></tr><tr><td> SEQUENCE</td><td> After Apply</td><td> </td></tr><tr><td colspan="3">+-----+-----+-----+</td></tr><tr><td> PURPOSE</td><td> Enhancement of DB2VER verification</td><td> </td></tr><tr><td colspan="3">+-----+-----+-----+</td></tr><tr><td> USERS</td><td> </td><td> </td></tr><tr><td> AFFECTED</td><td> All users of Data Collector</td><td> </td></tr><tr><td colspan="3">+-----+-----+-----+</td></tr><tr><td> KNOWLEDGE</td><td> CA SYSVIEW for DB2 product administration.</td><td> </td></tr><tr><td> REQUIRED</td><td> IBM Health Checker for z/OS.</td><td> </td></tr></table>	+-----+-----+-----+				CA SYSVIEW Performance Management Option for DB2 for z/OS			Version 20.0		+-----+-----+-----+			SEQUENCE	After Apply		+-----+-----+-----+			PURPOSE	Enhancement of DB2VER verification		+-----+-----+-----+			USERS			AFFECTED	All users of Data Collector		+-----+-----+-----+			KNOWLEDGE	CA SYSVIEW for DB2 product administration.		REQUIRED	IBM Health Checker for z/OS.	
+-----+-----+-----+																																								
	CA SYSVIEW Performance Management Option for DB2 for z/OS																																							
	Version 20.0																																							
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PURPOSE	Enhancement of DB2VER verification																																							
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USERS																																								
AFFECTED	All users of Data Collector																																							
+-----+-----+-----+																																								
KNOWLEDGE	CA SYSVIEW for DB2 product administration.																																							
REQUIRED	IBM Health Checker for z/OS.																																							

Service	Details
	<pre> +-----+-----+ ACCESS REQUIRED Product Runtime Libraries. +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Consider the change implemented to the health check for DB2_IDB2_DB2VER_ssid@dcjobnam. Status EXCEPTION-LOW is reported when Data Collector's DB2VER parameter mismatches the release of active DB2. In case of mismatch, the DB2VER value is corrected, but the status of health check remains the EXCEPTION-LOW.).</pre>

Service	Details																		
SO12783	SO12783 M.C.S. ENTRIES = ++PTF (SO12783) RCQ REAL-TIME STATISTICS REPORT ENHANCEMENT ENHANCEMENT DESCRIPTION: In CA RC/Query for DB2 for z/OS (RCQ), the following reports have been updated to include columns for real-time statistics: TS-RT (Tablespace Real-Time Statistics Report): UPDATESIZE LASTDATACHANGE GETPAGES SYS_START SYS_END TRANS_START IX-RT (Indexspace Real-Time Statistics Report): GETPAGES SYS_START SYS_END TRANS_START PRODUCT(S) AFFECTED: CA RC/Query for DB2 for z/OS Version 20.0 Related Problem: RCQ 1612 Copyright (C) 2020 CA. All rights reserved. R00839-D200-SP1 DESC (RCQ REAL-TIME STATISTICS REPORT ENHANCEMENT). ++VER (Z038) FMID (CRCQK00) PRE (R099569 S008608) SUP (ST12783) ++HOLD (SO12783) SYSTEM FMID(CRCQK00) REASON (DB2BIND) DATE (20107) COMMENT (<table border="1"> <tr> <td>CA RC/Query for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> ----- <table border="1"> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> </table> ----- <table border="1"> <tr> <td>PURPOSE</td><td>Bind Plans and Packages</td></tr> </table> ----- <table border="1"> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Users</td></tr> </table> ----- <table border="1"> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>CA DB2 Tools Post Install Customization.</td></tr> </table> ----- <table border="1"> <tr> <td>ACCESS</td><td>1. CA DB2 Tools Post Install</td></tr> <tr> <td>REQUIRED</td><td>2. BIND, SYSADM or SYSCNTL on DB2 subsystem.</td></tr> </table> ----- ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management	CA RC/Query 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.
CA RC/Query for DB2 for z/OS	Version 20.0																		
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USERS																			
AFFECTED	All Users																		
KNOWLEDGE																			
REQUIRED	CA DB2 Tools Post Install Customization.																		
ACCESS	1. CA DB2 Tools Post Install																		
REQUIRED	2. BIND, SYSADM or SYSCNTL on DB2 subsystem.																		

Service	Details
	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.).

Service	Details
SO12792	SO12792 M.C.S. ENTRIES = ++PTF (SO12792) ICL ALTER INDEX ENDS WITH 2 RIGHT PAREN AFTER LISTING COLUMN PROBLEM DESCRIPTION: When using CA RC/Migrator for DB2 for z/OS (RCM) to alter indexes to add more key columns, the generated ICL ALTER INDEX will end with two right paren after listing the key columns. This happens if the ICL for the previos index has INCLUDE clause. SYMPTOMS: <pre>ALTER INDEX <IXCreator>.<IXName> COLUMNS (COL1 ASC , COL2 ASC , ASC , COLn ASC))</pre> IMPACT: N/A CIRCUMVENTION: Edit the ICL and remove the trailing right paren if the column listing ends with two right paren. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 3056 Copyright (C) 2020 CA. All rights reserved. R00840-D200-SP1 DESC(ICL ALTER INDEX ENDS WITH 2 RIGHT PAREN AFTER LISTING COLUMN). ++VER (Z038) FMID (CINSK00) PRE (S004718 S007379 S009105 S011966) SUP (ST12792)

Service	Details
SO12797	SO12797 M.C.S. ENTRIES = ++PTF (SO12797) The following items are included in this solution: 1. GRANT/REVOKE STATEMENTS SUPPORT FOR DDL REPORTING 2. DDL REDO/UNDO GENERATION FAILS WITH THE MESSAGE LAE0008E ===== GRANT/REVOKE STATEMENTS SUPPORT FOR DDL REPORTING PROBLEM DESCRIPTION: CA Log Analyzer for DB2 for z/OS REDO/UNDO DDL with GRANTREV option INCLUDE does not contain the following statements or generates them incorrectly GRANT/REVOKE ON TABLE ALTER GRANT/REVOKE ON TABLE DELETE GRANT/REVOKE ON TABLE INDEX GRANT/REVOKE ON TABLE INSERT GRANT/REVOKE ON TABLE REFERENCES GRANT/REVOKE ON TABLE SELECT GRANT/REVOKE ON TABLE TRIGGER GRANT/REVOKE ON TABLE UNLOAD GRANT/REVOKE ON TABLE UPDATE GRANT/REVOKE USAGE ON JAR GRANT/REVOKE ON VARIABLE. SYMPTOMS: The DDL report generated by PLA REDO/UNDO DDL contains invalid GRANT or REVOKE statements of privilege classes Table, View, Schema, System, JAR. IMPACT: Generated DDL cannot be used. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Release 20.0 Related Problem: PLA 1289 ===== DDL REDO/UNDO GENERATION FAILS WITH THE MESSAGE LAE0008E PROBLEM DESCRIPTION: CA Log Analyzer for DB2 for z/OS (PLA) REDO/UNDO DDL report fails with return code 16 and the message LAE0008E if the option Bind/Rebind is included and if BIND, REBIND or FREE statement occurred within the reporting range. SYMPTOMS: Job finishes with return code 16 and job log contains following message: LAE0008E SORT terminating. Return/Abend Code: 0C7 IMPACT: DDL is not generated. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Release 20.0 Related Problem: PLA 1300 Copyright (C) 2020 CA. All rights reserved. R00842-D200-SP1 DESC (GRANT/REVOKE STATEMENTS SUPPORT FOR DDL REPORTING) . ++VER (Z038) FMID (CPLAK00)

[illegible]

Service	Details
	<pre> 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
SO12808	SO12808 M.C.S. ENTRIES = ++PTF (SO12808) U802 ABEND WHEN STARTING FUTURE SQL TRACE IN DETECTOR PROBLEM DESCRIPTION: CA Detector for DB2 for Z/OS (PDT) does not start a future TRACE at the designated start time. SYMPTOMS: Xmanager takes a U802 abend as shown below and the SQL trace does not start at the designated start time. USER COMPLETION CODE=0802 TIME=15.43.24 SEQ=07918 CPU=0000 ASID=00CB PSW AT TIME OF ERROR 078D1000 BB702672 ILC 2 INTC 0D ACTIVE MODULE ADDRESS=00000000_3B702000 OFFSET=00000672 NAME=PDTRCC DATA AT PSW 3B70266C - 00181610 0A0D0014 C5D77ED7 AR/GR 0: 00000000/00000001_80000000 1: 00000000/000100CB_80000322 2: FFFFFFFF/FFFFFFF_00000000 3: FFFFFFFF/FFFFFFF_3B25DB48 4: FFFFFFFF/FFFFFFF_007E9D40 5: FFFFFFFF/FFFFFFF_007FED90 6: FFFFFFFF/FFFFFFF_00006000 7: FFFFFFFF/FFFFFFF_36ECB3C0 8: FFFFFFFF/FFFFFFF_3B1A5E88 9: FFFFFFFF/FFFFFFF_36ECB3C0 A: FFFFFFFF/FFFFFFF_BB702354 B: FFFFFFFF/FFFFFFF_3B25D9D0 C: FFFFFFFF/FFFFFFF_0000724C D: FFFFFFFF/00000000_3B25D9D8 IMPACT: A future trace cannot be started. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: Detector Release 20.0 Related Problem: PDT 1690 Copyright (C) 2020 CA. All rights reserved. R00843-D200-SP1 DESC(U802 ABEND WHEN STARTING FUTURE SQL TRACE IN DETECTOR). ++VER (Z038) FMID (CPDTK00) PRE (S001400) SUP (ST12808)

Service	Details												
SO12812	SO12812 M.C.S. ENTRIES = ++PTF (SO12812) ONLINE COMPARE DEECTS CHANGES ON IDENTICAL VIEWS PROBLEM DESCRIPTION: In CA RC/Compare for DB2 for z/OS (RCC), online compare command sometime detects changes on a paired view when the view texts are identical. SYMPTOMS: <table><tr><td>Attribute</td><td>Status</td><td>Value</td></tr><tr><td>-----</td><td>-----</td><td>----+----1-----+----2-</td></tr><tr><td>VIEW TEXT</td><td>Currently:</td><td>(CHANGED)</td></tr><tr><td>Changed To:</td><td>(CHANGED)</td><td></td></tr></table> IMPACT: Changes are incorrectly detected when the view texts are identical CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Management Solution for DB2 for zOS Base Install Version 19. CA Database Management Solution for DB2 for zOS Base Install Version 20. Related Problem: RCC 736 Copyright (C) 2020 CA. All rights reserved. R00844-D200-SP1 DESC(ONLINE COMPARE DEECTS CHANGES ON IDENTICAL VIEWS). ++VER (Z038) FMID (CINSK00) PRE (SO07379) SUP (ST12812)	Attribute	Status	Value	-----	-----	----+----1-----+----2-	VIEW TEXT	Currently:	(CHANGED)	Changed To:	(CHANGED)	
Attribute	Status	Value											
-----	-----	----+----1-----+----2-											
VIEW TEXT	Currently:	(CHANGED)											
Changed To:	(CHANGED)												

Service	Details	
SO12817	SO12817 M.C.S. ENTRIES = ++PTF (SO12817)	
	RC/MERGER ATTRIBUTE MISMATCH COLUMN NUMBER	
	PROBLEM DESCRIPTION:	
	In CA RC/Migrator for DB2 for z/OS (RCM), the RC/Merger (RMM) execution fails with attribute mismatch RCM0315E error when the dataset call has multiple table objects.	
	SYMPTOMS:	
	Execution fails with the following error message:	
	RCM0315E - ATTRIBUTE MISMATCH. RC/MERGER WILL STOP EXECUTION TO PREVENT POSSIBLE CORRUPTION OF TARGET TABLE.	
	SOURCE TABLE	: XXXX.XXXXX
	TARGET TABLE	: XXXX.XXXXX
	MISMATCH ATTRIBUTE	: COLUMN NO
	COLUMN NUMBER	: 11
	SOURCE	:
	TARGET	:
	IMPACT:	
	RMM analysis cannot be executed successfully.	
	CIRCUMVENTION:	
	None.	
	Product(S) Affected:	
	CA RC/Migrator for DB2 for z/OS	Version 20.0
	PRODUCT(S) AFFECTED:	
	CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0
	Related Problem:	
	RMM 255	
	Copyright (C) 2020 CA. All rights reserved. R00845-D200-SP1	
	DESC(RC/MERGER ATTRIBUTE MISMATCH COLUMN NUMBER).	
	++VER (Z038)	
	FMID (CINSK00)	
	PRE (R096576 R099553 S001396 S004718 S005199 S006113	
	S006638 S007379 S007807 S009105 S009356 S009417	
	S009860 S011966 S012361)	
	SUP (AS06638 BS06638 S007167 S007412 ST07167 ST07412	
	ST12817)	
	++HOLD (SO12817) SYSTEM FMID(CINSK00)	
	REASON (MSGSKEL) DATE (20112)	
	COMMENT (	
	+-----+-----+-----+	
	CA DBM Solutions for DB2 for z/OS Base In	Version 20.0
	+-----+-----+-----+	
	SEQUENCE After Apply	
	+-----+-----+-----+	
	PURPOSE Relink XMESSAGES	
	+-----+-----+-----+	
	USERS	
	AFFECTED All CA DB2 Tools Users	
	+-----+-----+-----+	
	KNOWLEDGE	
	REQUIRED CA DB2 Tools Post Install Customization.	
	+-----+-----+-----+	
	ACCESS 1. CA DB2 Tools Post Install	

Service	Details
	<pre> REQUIRED 2. BIND Authority on DB2 subsystems +-----+-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).</pre>

Service	Details
SO12819	SO12819 M.C.S. ENTRIES = ++PTF (SO12819) SQL-302 ERROR WHEN USING PDA COLLECTION SERVICES PROBLEM DESCRIPTION: CA Database Analyzer for DB2 for z/OS (PDA) may bypass processing of a database or generate an SQL error -302 when executing an Extract Procedure. This error occurs when the name of the objects processed by the PDA Extract Procedure uses character(s) in an encoded character scheme that can result in double-byte translation character(s) to unicode UTF-8 character(s) held in the DB2 Catalog. SYMPTOMS: The extract procedure fails with User Abend U0202 or PDA skips processing of the database. 1. If the database or tablespace name is 8 characters long, the extract procedure fails with U0202. The following SQL error can be seen in the PTIMSG dataset: DSNT408I SQLCODE = -302, ERROR: THE VALUE OF INPUT VARIABLE OR PARAMETER NUMBER 1 IS INVALID OR TOO LARGE FOR THE TARGET COLUMN OR THE TARGET VALUE DSNT418I SQLSTATE = 22001 SQLSTATE RETURN CODE DSNT415I SQLERRP = DSNXRIHB SQL PROCEDURE DETECTING ERROR DSNT416I SQLERRD = -275 0 0 8 0 0 SQL DIAGNOSTIC INFORMATION DSNT416I SQLERRD = X'FFFFFFEED' X'00000000' X'00000000' X'00000008' X'00000000' X'00000000' SQL DIAGNOSTIC INFORMATION Object names containing special characters which require a translation to unicode (UTF-8) can result in a double-byte character. This results in the SQLCODE -302 recorded by the SELECT SQL. 2. If the database or tablespace name is shorter than 8 characters, PDA skips the processing of the database and ends with RC=4. The following message is displayed in the PTIMSG dataset: Extracting Catalog information - Subsystem - ssid <timestamp> ==> Level: ALL - Database=dbname <timestamp> ==> dbname - contains no Tablespaces - Database bypassed IMPACT: The collection services cannot be used for object names with double byte character sets. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Database Analyzer for DB2 for z/OS Release 20.0 Related Problem: GEN 1421 Copyright (C) 2020 CA. All rights reserved. R00846-D200-SP1 DESC(SQL-302 ERROR WHEN USING PDA COLLECTION SERVICES). ++VER (Z038) FMID (CINSK00) PRE (SO09761 SO10514) SUP (BS09761 ST11654 ST12819) ++HOLD (SO12819) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20118) COMMENT (+-----+

Service	Details
	<pre> CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+-----+-----+-----+-----+-----+-----+ SEQUENCE After Apply +-----+-----+-----+-----+-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+-----+-----+-----+-----+ USERS AFFECTED All Users +-----+-----+-----+-----+-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+-----+-----+-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+-----+-----+-----+-----+ ***** * 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. +-----+-----+-----+-----+-----+-----+ CA DBM Solutions for DB2 for z/OS Base Install 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 * ***** Module PTACBL2A need to be rebound.).</pre>

Service	Details
SO12821	SO12821 M.C.S. ENTRIES = ++PTF (SO12821) SECURITY OR INTEGRITY PROBLEM. PROBLEM DESCRIPTION: Security or Integrity Problem. SYMPTOMS: N/A IMPACT: Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Detector for DB2 for z/OS Version 20.0 Related Problem: PDT 1689 Copyright (C) 2020 CA. All rights reserved. R00847-D200-SP1 DESC (SECURITY OR INTEGRITY PROBLEM.) . ++VER (Z038) FMID (CPDTK00) PRE (R098429 S006334 S008129 S010908 S011694 S011983) SUP (ST12821 ST12823)

Service	Details
SO12829	SO12829 M.C.S. ENTRIES = ++PTF (SO12829) UNLOAD UTILITY GENERATED ARE TABLE NAME DESCENDING ORDER PROBLEM DESCRIPTION: In CA RC/Migrator for DB2 for z/OS (RCM), the unload utility statements generated for table objects are in descending order of table creator and table name. SYMPTOMS: IMPACT: N/A CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 Related Problem: RCM 3057 Copyright (C) 2020 CA. All rights reserved. R00849-D200-SP1 DESC (UNLOAD UTILITY GENERATED ARE TABLE NAME DESCENDING ORDER) . ++VER (Z038) FMID (CINSK00) PRE (R097704 R099553 S001396 S004718 S007323 S007379 S011691 S011966 S012361) SUP (ST12829)

Service	Details
SO12889	SO12889 M.C.S. ENTRIES = ++PTF (SO12889) EXCLUSIVE BIND/REBIND AND GRANT/REVOKE REPORTS ENHANCEMENT DESCRIPTION: CA Log Analyzer for DB2 for z/OS (PLA) extends DDL Activity parameters Bind/Rebind and Grant/Revoke from DDL Activity Report Options panel. PLA adds to options INCLUDE and EXCLUDE a new option ONLY. The ONLY option enables the user to generate reports that contain only BIND, REBIND and FREE statements or GRANT and REVOKE statements exclusively. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Release 20.0 Related Problem: PLA 1301 Copyright (C) 2020 CA. All rights reserved. R00853-D200-SP1 DESC(EXCLUSIVE BIND/REBIND AND GRANT/REVOKE REPORTS). ++VER (Z038) FMID (CPLAK00) PRE (R096583 R097709 R099559 S000020 S000975 S001403 S001641 S004245 S004461 S004795 S005014 S006119 S006718 S006868 S007382 S007813 S008008 S008802 S008870 S009083 S009108 S009133 S009252 S010390 S010677 S011113 S011419 S011583 S011669 S011809 S011969 S012173 S012364 S012487 S012654 S012797) SUP (AS11669 S009333 S010641 S011782 S012763 ST08866 ST08981 ST09010 ST09333 ST10641 ST11705 ST11713 ST11782 ST12763 ST12889) ++HOLD (SO12889) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (20113) COMMENT (<pre> +-----+ CA Log Analyzer for DB2 for z/OS Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. </pre>

Service	Details
	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.).

Service	Details
SO12896	SO12896 M.C.S. ENTRIES = ++PTF (SO12896) DATA COLLECTOR TASKS HANG WAITING ON INTERNAL LOCK PROBLEM DESCRIPTION: The CA SYSVIEW Performance Management Option for DB2 for z/OS (IDB2) data collector may fail to release a lock, resulting in tasks not completing for EXPLAIN, CANCEL THREAD, and internally issued Db2 commands. SYMPTOMS: EXPLAIN and CANCEL THREAD functions hang indefinitely in the User Interface. IMPACT: The functions become unavailable. The data collector must be restarted to restore these functions. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA SYSVIEW Performance Management Option for DB2 for z/OS Version 20.0 Related Problem: IDB2 2483 Copyright (C) 2020 CA. All rights reserved. R00854-D200-SP1 DESC(DATA COLLECTOR TASKS HANG WAITING ON INTERNAL LOCK). ++VER (Z038) FMID (CIDBK00) PRE (R099552 S001395 S006862 S008846 S010160) SUP (ST12896)

Service	Details
SO12899	SO12899 M.C.S. ENTRIES = ++PTF (SO12899) SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR ENHANCEMENT DESCRIPTION: This enhancement for CA Log Analyzer for DB2 for z/OS (PLA) enhances the Automated Dropped Object Recovery feature (ADOR). With this PTF, ADOR is able to recover a LOB tablespace from image copies taken with the SHRLEVEL CHANGE parameter. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1291 Copyright (C) 2020 CA. All rights reserved. R00855-D200-SP1 DESC(SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR). ++VER (Z038) FMID (CINSK00) PRE (SO10676 SO11112) SUP (ST12899) ++IF FMID(CPLAK00) REQ(SO12900) . ++IF FMID(CPUTK00) REQ(SO12901) . ++IF FMID(CUGRK00) REQ(SO12902) .

Service	Details
SO12900	SO12900 M.C.S. ENTRIES = ++PTF (SO12900) SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR ENHANCEMENT DESCRIPTION: This enhancement for CA Log Analyzer for DB2 for z/OS (PLA) enhances the Automated Dropped Object Recovery feature (ADOR). With this PTF, ADOR is able to recover a LOB tablespace from image copies taken with the SHRLEVEL CHANGE parameter. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1291 Copyright (C) 2020 CA. All rights reserved. R00855-D200-SP1 DESC(SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR). ++VER (Z038) FMID (CPLAK00) PRE (R096583 R097709 R099559 S000020 S000975 S001403 S004245 S004461 S004795 S006119 S006868 S007813 S008008 S008802 S008870 S009083 S009133 S009252 S009333 S010390 S010641 S010677 S011113 S011419 S011583 S011669 S012173 S012763 S012797 S012889) SUP (AS11669 S011782 ST11782 ST12900) ++IF FMID(CPUTK00) REQ(SO12901) . ++IF FMID(CUGRK00) REQ(SO12902) . ++IF FMID(CINSK00) REQ(SO12899) . ++HOLD (SO12900) SYSTEM FMID(CPLAK00) REASON (DB2BIND) DATE (20119) COMMENT (<pre> +-----+ CA Log Analyzer for DB2 for z/OS Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * STEPS TO PERFORM * ***** DBRMs have changed as part of this maintenance. The members in the CDBASKL1 library identify the packages that must be rebound. Refer to the Installing documentation for the CA Database Management Solutions for DB2 for z/OS on docops.ca.com for more information about performing the task in the following step. 1. Use Post-Install Tailoring option to Bind Product Packages and Plans. </pre>

Service	Details
	IMPORTANT! If CA SYSVIEW for DB2 is installed, a 'Bind ALL' is generated, and the IFI-PLAN operational parameter is not used, stop the data collectors first to allow the BIND to complete successfully without contention with the plans being used by the data collectors.).

Service	Details
SO12901	SO12901 M.C.S. ENTRIES = ++PTF (SO12901) SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR ENHANCEMENT DESCRIPTION: This enhancement for CA Log Analyzer for DB2 for z/OS (PLA) enhances the Automated Dropped Object Recovery feature (ADOR). With this PTF, ADOR is able to recover a LOB tablespace from image copies taken with the SHRLEVEL CHANGE parameter. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1291 Copyright (C) 2020 CA. All rights reserved. R00855-D200-SP1 DESC(SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR). ++VER (Z038) FMID (CPUTK00) PRE (SO00024 SO04248 SO04469 SO04798 SO05016 SO07820 SO08803 SO10678 SO11114 SO12174) SUP (ST10669 ST12901) ++IF FMID(CPLAK00) REQ(SO12900) . ++IF FMID(CUGRK00) REQ(SO12902) . ++IF FMID(CINSK00) REQ(SO12899) .

Service	Details
SO12902	SO12902 M.C.S. ENTRIES = ++PTF (SO12902) SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR ENHANCEMENT DESCRIPTION: This enhancement for CA Log Analyzer for DB2 for z/OS (PLA) enhances the Automated Dropped Object Recovery feature (ADOR). With this PTF, ADOR is able to recover a LOB tablespace from image copies taken with the SHRLEVEL CHANGE parameter. PRODUCT(S) AFFECTED: CA Log Analyzer for DB2 for z/OS Version 20.0 Related Problem: PLA 1291 Copyright (C) 2020 CA. All rights reserved. R00855-D200-SP1 DESC(SHRLEVEL CHANGE IMAGE COPY OF LOB TABLESPACE SUPPORT IN ADOR). ++VER (Z038) FMID (CUGRK00) PRE (SO00029 SO00201 SO01660 SO04475 SO06879 SO09188 SO12279 SO12352 SO12530) SUP (ST12902) ++IF FMID(CPLAK00) REQ(SO12900) . ++IF FMID(CPUTK00) REQ(SO12901) . ++IF FMID(CINSK00) REQ(SO12899) .

Service	Details										
SO12904	SO12904 M.C.S. ENTRIES = ++PTF (SO12904) BATCH ENHANCEMENT TO QUICK MIGRATE IMP/EXPL ALL & GC SET PRC ENHANCEMENT DESCRIPTION: Enhance Quick Migrate to implode all, explode all, or implode and explode all in a batch environment and to read a global change set in batch mode. The enhancement is intended to facilitate DevOps activities. The enhancement introduces 4 new parameter keywords: QUICKE, QUICKI, QUICKIE, and READGCS All keywords are intended for Quick Migrate batch usage only. Replace the usual QUICKM keyword with one of QUICKMI, QUICKME, or QUICKMIE to cause an implode all, explode all, and an implode and explode all respectively of all objects specified between it and the QUICKEND keyword. Use of one of these keywords simplifies the inclusion of related objects. It eliminates the need to specify the many IMplode <obj> and EXplode <obj> parameter control cards needed to include all related objects that can be imploded to or exploded from an object. The READGCS keyword causes the global change set identified by the GLBLCRTR and GLBLNAME parameters to be read. This global change set is NOT normally read by a quick migration (QUICKM) rather the global change set contents is expanded directly into the instream input by the online dialog. Instream global change specifications continue to be supported and take precedence over global change specifications in the global change set when READGCS is specified in the input stream. Use of READGCS simplifies the inclusion of global change specifications in batch mode by allowing them to be read from a global change set rather than specifying them individually in the batch input stream. Related Problem: RCM 3052 Copyright (C) 2020 CA. All rights reserved. R00856-D200-SP1 DESC(BATCH ENHANCEMENT TO QUICK MIGRATE IMP/EXPL ALL & GC SET PRC). ++VER (Z038) FMID (CINSK00) PRE (R097704 R099553 S000016 S001396 S004455 S004718 S005266 S006113 S006638 S007379 S007807 S008859 S010004 S010549 S011078 S011866 S011966 S012361) SUP (ST12513 ST12659 ST12682 ST12854 ST12904) ++HOLD (SO12904) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20113) COMMENT (<table border="1"> <tr> <td>CA DBM Solutions for DB2 for z/OS Base In</td><td>Version 20.0</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Bind Plans and Packages</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All Users</td></tr> </table>	CA DBM Solutions for DB2 for z/OS Base In	Version 20.0	SEQUENCE	After Apply	PURPOSE	Bind Plans and Packages	USERS		AFFECTED	All Users
CA DBM Solutions for DB2 for z/OS Base In	Version 20.0										
SEQUENCE	After Apply										
PURPOSE	Bind Plans and Packages										
USERS											
AFFECTED	All Users										

Service	Details
	<pre> +-----+-----+ 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 used by the data collectors. +-----+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Bind Plans and Packages +-----+-----+ USERS AFFECTED All Users +-----+-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+-----+ ***** * 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.).</pre>

Service	Details
	++HOLD (SO12904) SYSTEM FMID(CINSK00) REASON (ENH) DATE (20113) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base Install Version 20.0 +-----+ SEQUENCE Before using RC/Migrator - Quick Migrate in batch. +-----+ PURPOSE Enhancement for Quick Migrate batch usage. Only availble through direct edit of generated Quick Migrate JCL. Enhance Quick Migrate to implode all, explode all, or both implode all and explode all, the specified input objects in a batch environment only. Enhance Quick Migrate to read a global change set in a batch environment only. Allow instream global change specifications to take precedence over the specifications in a global change set. +-----+ USERS N/A AFFECTED +-----+ KNOWLEDGE N/A REQUIRED +-----+ ACCESS N/A REQUIRED +-----+ ***** * STEPS TO PERFORM * ***** None applicable.).

Service	Details
SO12924	SO12924 M.C.S. ENTRIES = ++PTF (SO12924) INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES ENHANCEMENT DESCRIPTION: CA Subsystem Analyzer for z/OS (PSA) internal control blocks are being updated to support the collection of 64-bit getpage counts. PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 528 Copyright (C) 2020 CA. All rights reserved. R00861-D200-SP1 DESC (INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES). ++VER (Z038) FMID (CINSK00) PRE (R096167 R096576 R097704 R097823 R098087 R099553 R099979 S001396 S003959 S004129 S004455 S004756 S006113 S006863 S007807 S009797 S012650) SUP (ST12906 ST12910 ST12914 ST12924) ++IF FMID(CPDTK00) REQ(SO12925) . ++IF FMID(CPSAK00) REQ(SO12926) . ++IF FMID(CPUTK00) REQ(SO12927) . ++HOLD (SO12924) SYSTEM FMID(CINSK00) REASON (RESTART) DATE (20115) 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
SO12925	SO12925 M.C.S. ENTRIES = ++PTF (SO12925) INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES ENHANCEMENT DESCRIPTION: CA Subsystem Analyzer for z/OS (PSA) internal control blocks are being updated to support the collection of 64-bit getpage counts. PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 528 Copyright (C) 2020 CA. All rights reserved. R00861-D200-SP1 DESC (INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES) . ++VER (Z038) FMID (CPDTK00) PRE (R099556) SUP (ST12907 ST12911 ST12915 ST12925) ++IF FMID(CPSAK00) REQ(SO12926) . ++IF FMID(CPUTK00) REQ(SO12927) . ++IF FMID(CINSK00) REQ(SO12924) .

Service	Details		
SO12926	SO12926 M.C.S. ENTRIES = ++PTF (SO12926) INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES ENHANCEMENT DESCRIPTION: CA Subsystem Analyzer for z/OS (PSA) internal control blocks are being updated to support the collection of 64-bit getpage counts. PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 528 Copyright (C) 2020 CA. All rights reserved. R00861-D200-SP1 DESC (INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES). ++VER (Z038) FMID (CPSAK00) PRE (R096589 R097716 R097825 R098251 R098430 R099565 S001410 S004468 S006126 S006335 S006873 S007819 S008393 S011625 S011695 S012539) SUP (BC97645 S000871 S001635 S007204 S008123 S008190 S009267 S009432 S010867 S010955 S011345 S012754 ST00871 ST01635 ST04332 ST06385 ST07204 ST08123 ST08190 ST09266 ST09267 ST09432 ST10535 ST10810 ST10863 ST10867 ST10905 ST10955 ST11345 ST12647 ST12672 ST12674 ST12754 ST12824 ST12833 ST12912 ST12916 ST12926 TR95492 TR97538 TR98368 TR99444) ++IF FMID(CPDTK00) REQ(SO12925) . ++IF FMID(CPUTK00) REQ(SO12927) . ++IF FMID(CINSK00) REQ(SO12924) . ++HOLD (SO12926) SYSTEM FMID(CPSAK00) REASON (RESTART) DATE (20115) COMMENT (<table border="1"> <tr> <td>CA Subsystem Analyzer for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> SEQUENCE Before Apply PURPOSE Avoidance of module mismatch related errors in an Xmanager USERS Collections of DB2 statistics via Detector or Subsystem AFFECTED Analyzer. DB2 subsystems that have active collections. KNOWLEDGE 1. SMP/E REQUIRED 2. z/OS System Programming 3. CA DB2 Tools Installation and Maintenance procedures. ACCESS 1. Product runtime libraries. REQUIRED ***** * STEPS TO PERFORM * ***** To implement the PTF: 1. Stop product collections.	CA Subsystem Analyzer for DB2 for z/OS	Version 20.0
CA Subsystem Analyzer for DB2 for z/OS	Version 20.0		

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

Service	Details
SO12927	SO12927 M.C.S. ENTRIES = ++PTF (SO12927) INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES ENHANCEMENT DESCRIPTION: CA Subsystem Analyzer for z/OS (PSA) internal control blocks are being updated to support the collection of 64-bit getpage counts. PRODUCT(S) AFFECTED: CA Subsystem Analyzer for DB2 for z/OS Version 20.0 Related Problem: PSA 528 Copyright (C) 2020 CA. All rights reserved. R00861-D200-SP1 DESC (INTERNAL SUPPORT OF 64-BIT GETPAGES VALUES) . ++VER (Z038) FMID (CPUTK00) SUP (ST12909 ST12913 ST12917 ST12927) ++IF FMID(CPDTK00) REQ(SO12925) . ++IF FMID(CPSAK00) REQ(SO12926) . ++IF FMID(CINSK00) REQ(SO12924) .

Service	Details								
SO12933	SO12933 M.C.S. ENTRIES = ++PTF (SO12933) The following items are included in this solution: 1. SUPPORT FOR ON DELETE ADD EXTRA ROW 2. RMA1113W INCORRECTLY ISSUED WHEN NEW LOB ADDED THRU COMPARE ===== SUPPORT FOR ON DELETE ADD EXTRA ROW ENHANCEMENT DESCRIPTION: Support for the new ADD VERSIONING clause 'ON DELETE ADD EXTRA ROW' is added via this PTF for the following products: CA RC/Migrator for DB2 for z/OS (RCM) CA RC/Compare for DB2 for z/OS (RCC) CA RC/Update for DB2 for z/OS (RCU) PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3046 ===== RMA1113W INCORRECTLY ISSUED WHEN NEW LOB ADDED THRU COMPARE PROBLEM DESCRIPTION: CA RC/Compare for DB2 for z/OS (RCC) incorrectly issues message RMA1113W when adding a new lob column to the base table using a compare strategy. SYMPTOMS: RMA1113W A new LOB column requires a LOB tablespace, auxiliary table and auxiliary index. The new LOB column <column name> added to table <tbcreator>.<tbname> is missing one or all of these. IMPACT: The message causes confusion. CIRCUMVENTION: Ignore the message if the generated DDL looks okay. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Base Install</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3054 Copyright (C) 2020 CA. All rights reserved. R00862-D200-SP1 DESC(SUPPORT FOR ON DELETE ADD EXTRA ROW). ++VER (Z038) FMID (CINSK00) PRE (R096576 R097704 R099553 S000016 S001396 S001896 S004455 S004718 S004855 S005199 S006113 S006286 S006638 S006863 S007323 S007379 S007807 S007955 S008128 S008278 S008606 S008662 S008859 S009105 S009183 S009356 S009417 S009461 S009799 S009860 S010004 S010066 S010292 S010549 S010760 S010974 S011078 S011691 S011866 S011966 S012147 S012228 S012361 S012650 S012751 S012817 S012904) SUP (AR97704 AS01396 BS07379 CS07379 R099748 S000343 S001905 S005237 S007856 S008051 S008198 S008202 S008262 S008291 S008414 S008684 S008750 S008856 S008957 S009033 S009125 S009126 S009546 S009602 S009790 S009839 S009892 S009893 S010021 S010046	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Compare for DB2 for z/OS	Version 20.0	CA RC/Update for DB2 for z/OS	Version 20.0	CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0
CA RC/Migrator for DB2 for z/OS	Version 20.0								
CA RC/Compare for DB2 for z/OS	Version 20.0								
CA RC/Update for DB2 for z/OS	Version 20.0								
CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0								

Service	Details
	SO10080 SO10331 SO10437 SO10512 SO10631 SO10763 SO10815 SO10827 SO10948 SO10978 SO11048 SO11231 SO11255 SO11534 SO11696 SO11737 SO11806 SO11942 SO11988 SO12042 SO12164 SO12249 SO12524 SO12792 SO12829 ST00343 ST01905 ST05065 ST05237 ST06695 ST07198 ST07444 ST07856 ST08051 ST08198 ST08202 ST08262 ST08291 ST08314 ST08395 ST08414 ST08684 ST08750 ST08760 ST08780 ST08856 ST08916 ST08957 ST08965 ST09031 ST09033 ST09125 ST09126 ST09530 ST09546 ST09565 ST09602 ST09790 ST09791 ST09839 ST09892 ST09893 ST10021 ST10046 ST10080 ST10331 ST10437 ST10512 ST10631 ST10763 ST10815 ST10827 ST10948 ST10978 ST11048 ST11231 ST11255 ST11534 ST11648 ST11696 ST11737 ST11741 ST11806 ST11942 ST11988 ST12042 ST12164 ST12249 ST12511 ST12524 ST12700 ST12792 ST12829 ST12933 TR99748) ++IF FMID(CPFUK00) REQ(SO12934) . ++IF FMID(CPLAK00) REQ(SO12935) . ++IF FMID(CRCUK00) REQ(SO12936) . ++IF FMID(CRCXK00) REQ(SO12937) . ++HOLD (SO12933) SYSTEM FMID(CINSK00) REASON (DB2BIND) DATE (20115) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Bind Plans and Packages +-----+ USERS AFFECTED All Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND, SYSADM or SYSCNTL on DB2 subsystem. +-----+ ***** * 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.).

Service	Details
	<pre> ++HOLD (SO12933) SYSTEM FMID(CINSK00) REASON (MSGSKEL) DATE (20115) COMMENT (+-----+ CA DBM Solutions for DB2 for z/OS Base In Version 20.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE Relink XMESSAGES +-----+ USERS AFFECTED All CA DB2 Tools Users +-----+ KNOWLEDGE REQUIRED CA DB2 Tools Post Install Customization. +-----+ ACCESS 1. CA DB2 Tools Post Install REQUIRED 2. BIND Authority on DB2 subsystems +-----+ ***** * STEPS TO PERFORM * ***** XMESSAGE components have changes as part of this maintenance. If you do not customize XMESSAGES, no further action is required. If you do customize XMESSAGES, after maintenance is APPLIED 1. Re-apply XMESSAGE customizations and relink XMESSAGE load modules. Refer to the Post Installation and Customization Guide for details.).</pre>

Service	Details								
SO12934	SO12934 M.C.S. ENTRIES = ++PTF (SO12934) The following items are included in this solution: 1. SUPPORT FOR ON DELETE ADD EXTRA ROW 2. RMA1113W INCORRECTLY ISSUED WHEN NEW LOB ADDED THRU COMPARE ===== SUPPORT FOR ON DELETE ADD EXTRA ROW ENHANCEMENT DESCRIPTION: Support for the new ADD VERSIONING clause 'ON DELETE ADD EXTRA ROW' is added via this PTF for the following products: CA RC/Migrator for DB2 for z/OS (RCM) CA RC/Compare for DB2 for z/OS (RCC) CA RC/Update for DB2 for z/OS (RCU) PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3046 ===== RMA1113W INCORRECTLY ISSUED WHEN NEW LOB ADDED THRU COMPARE PROBLEM DESCRIPTION: CA RC/Compare for DB2 for z/OS (RCC) incorrectly issues message RMA1113W when adding a new lob column to the base table using a compare strategy. SYMPTOMS: RMA1113W A new LOB column requires a LOB tablespace, auxiliary table and auxiliary index. The new LOB column <column name> added to table <tbcreator>.<tbname> is missing one or all of these. IMPACT: The message causes confusion. CIRCUMVENTION: Ignore the message if the generated DDL looks okay. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Base Install</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3054 Copyright (C) 2020 CA. All rights reserved. R00862-D200-SP1 DESC(SUPPORT FOR ON DELETE ADD EXTRA ROW). ++VER (Z038) FMID (CPFUK00) PRE (R099558 S001402 S001818 S004460 S007381 S009107 S011968 S012363) SUP (ST08865 ST08980 ST09009 ST12934) ++IF FMID(CPLAK00) REQ(S012935) . ++IF FMID(CRCUK00) REQ(S012936) . ++IF FMID(CRCXK00) REQ(S012937) . ++IF FMID(CINSK00) REQ(S012933) .	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Compare for DB2 for z/OS	Version 20.0	CA RC/Update for DB2 for z/OS	Version 20.0	CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0
CA RC/Migrator for DB2 for z/OS	Version 20.0								
CA RC/Compare for DB2 for z/OS	Version 20.0								
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CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0								

Service	Details								
SO12935	SO12935 M.C.S. ENTRIES = ++PTF (SO12935) The following items are included in this solution: 1. SUPPORT FOR ON DELETE ADD EXTRA ROW 2. RMA1113W INCORRECTLY ISSUED WHEN NEW LOB ADDED THRU COMPARE ===== SUPPORT FOR ON DELETE ADD EXTRA ROW ENHANCEMENT DESCRIPTION: Support for the new ADD VERSIONING clause 'ON DELETE ADD EXTRA ROW' is added via this PTF for the following products: CA RC/Migrator for DB2 for z/OS (RCM) CA RC/Compare for DB2 for z/OS (RCC) CA RC/Update for DB2 for z/OS (RCU) PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3046 ===== RMA1113W INCORRECTLY ISSUED WHEN NEW LOB ADDED THRU COMPARE PROBLEM DESCRIPTION: CA RC/Compare for DB2 for z/OS (RCC) incorrectly issues message RMA1113W when adding a new lob column to the base table using a compare strategy. SYMPTOMS: RMA1113W A new LOB column requires a LOB tablespace, auxiliary table and auxiliary index. The new LOB column <column name> added to table <tbcreator>.<tbname> is missing one or all of these. IMPACT: The message causes confusion. CIRCUMVENTION: Ignore the message if the generated DDL looks okay. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Base Install</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3054 Copyright (C) 2020 CA. All rights reserved. R00862-D200-SP1 DESC(SUPPORT FOR ON DELETE ADD EXTRA ROW) . ++VER (Z038) FMID (CPLAK00) PRE (R096583 R097709 R099559 S000975 S001403 S004245 S004461 S007382 S008802 S009108 S009133 S011669 S011809 S011969 S012364 S012797 S012889) SUP (ST08866 ST08981 ST09010 ST11705 ST11713 ST12935) ++IF FMID(CPFUK00) REQ(SO12934) . ++IF FMID(CRCUK00) REQ(SO12936) . ++IF FMID(CRCXK00) REQ(SO12937) . ++IF FMID(CINSK00) REQ(SO12933) .	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Compare for DB2 for z/OS	Version 20.0	CA RC/Update for DB2 for z/OS	Version 20.0	CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0
CA RC/Migrator for DB2 for z/OS	Version 20.0								
CA RC/Compare for DB2 for z/OS	Version 20.0								
CA RC/Update for DB2 for z/OS	Version 20.0								
CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0								

Service	Details								
SO12936	SO12936 M.C.S. ENTRIES = ++PTF (SO12936) The following items are included in this solution: 1. SUPPORT FOR ON DELETE ADD EXTRA ROW 2. RMA1113W INCORRECTLY ISSUED WHEN NEW LOB ADDED THRU COMPARE ===== SUPPORT FOR ON DELETE ADD EXTRA ROW ENHANCEMENT DESCRIPTION: Support for the new ADD VERSIONING clause 'ON DELETE ADD EXTRA ROW' is added via this PTF for the following products: CA RC/Migrator for DB2 for z/OS (RCM) CA RC/Compare for DB2 for z/OS (RCC) CA RC/Update for DB2 for z/OS (RCU) PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3046 ===== RMA1113W INCORRECTLY ISSUED WHEN NEW LOB ADDED THRU COMPARE PROBLEM DESCRIPTION: CA RC/Compare for DB2 for z/OS (RCC) incorrectly issues message RMA1113W when adding a new lob column to the base table using a compare strategy. SYMPTOMS: RMA1113W A new LOB column requires a LOB tablespace, auxiliary table and auxiliary index. The new LOB column <column name> added to table <tbcreator>.<tbname> is missing one or all of these. IMPACT: The message causes confusion. CIRCUMVENTION: Ignore the message if the generated DDL looks okay. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Base Install</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3054 Copyright (C) 2020 CA. All rights reserved. R00862-D200-SP1 DESC(SUPPORT FOR ON DELETE ADD EXTRA ROW). ++VER (Z038) FMID (CRCUK00) PRE (R099571 S001415 S007383 S007824 S009109 S011867 S011970 S012365) SUP (ST12477 ST12936) ++IF FMID(CPFUK00) REQ(S012934) . ++IF FMID(CPLAK00) REQ(S012935) . ++IF FMID(CRCXK00) REQ(S012937) . ++IF FMID(CINSK00) REQ(S012933) .	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Compare for DB2 for z/OS	Version 20.0	CA RC/Update for DB2 for z/OS	Version 20.0	CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0
CA RC/Migrator for DB2 for z/OS	Version 20.0								
CA RC/Compare for DB2 for z/OS	Version 20.0								
CA RC/Update for DB2 for z/OS	Version 20.0								
CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0								

Service	Details								
SO12937	SO12937 M.C.S. ENTRIES = ++PTF (SO12937) The following items are included in this solution: 1. SUPPORT FOR ON DELETE ADD EXTRA ROW 2. RMA1113W INCORRECTLY ISSUED WHEN NEW LOB ADDED THRU COMPARE ===== SUPPORT FOR ON DELETE ADD EXTRA ROW ENHANCEMENT DESCRIPTION: Support for the new ADD VERSIONING clause 'ON DELETE ADD EXTRA ROW' is added via this PTF for the following products: CA RC/Migrator for DB2 for z/OS (RCM) CA RC/Compare for DB2 for z/OS (RCC) CA RC/Update for DB2 for z/OS (RCU) PRODUCT(S) AFFECTED: <table> <tr> <td>CA RC/Migrator for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Compare for DB2 for z/OS</td><td>Version 20.0</td></tr> <tr> <td>CA RC/Update for DB2 for z/OS</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3046 ===== RMA1113W INCORRECTLY ISSUED WHEN NEW LOB ADDED THRU COMPARE PROBLEM DESCRIPTION: CA RC/Compare for DB2 for z/OS (RCC) incorrectly issues message RMA1113W when adding a new lob column to the base table using a compare strategy. SYMPTOMS: RMA1113W A new LOB column requires a LOB tablespace, auxiliary table and auxiliary index. The new LOB column <column name> added to table <tbcreator>.<tbname> is missing one or all of these. IMPACT: The message causes confusion. CIRCUMVENTION: Ignore the message if the generated DDL looks okay. PRODUCT(S) AFFECTED: <table> <tr> <td>CA DBM Solutions for DB2 for z/OS Base Install</td><td>Version 20.0</td></tr> </table> Related Problem: RCM 3054 Copyright (C) 2020 CA. All rights reserved. R00862-D200-SP1 DESC(SUPPORT FOR ON DELETE ADD EXTRA ROW) . ++VER (Z038) FMID (CRCXK00) PRE (R099572 R099853 S000027 S001416 S007384 S009110 S011079 S011868 S011971 S012366) SUP (ST08868 ST08983 ST09012 ST12937) ++IF FMID(CPFUK00) REQ(S012934) . ++IF FMID(CPLAK00) REQ(S012935) . ++IF FMID(CRCUK00) REQ(S012936) . ++IF FMID(CINSK00) REQ(S012933) .	CA RC/Migrator for DB2 for z/OS	Version 20.0	CA RC/Compare for DB2 for z/OS	Version 20.0	CA RC/Update for DB2 for z/OS	Version 20.0	CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0
CA RC/Migrator for DB2 for z/OS	Version 20.0								
CA RC/Compare for DB2 for z/OS	Version 20.0								
CA RC/Update for DB2 for z/OS	Version 20.0								
CA DBM Solutions for DB2 for z/OS Base Install	Version 20.0								

Service	Details
S012942	S012942 M.C.S. ENTRIES = ++PTF (S012942) LINE COMMAND BIND PARAMETERS (BR) BROKEN IN PLAN DETAIL PROBLEM DESCRIPTION: In CA Plan Analyzer for DB2 for z/OS (PPA), the line command for a BIND Parameters report (BR) was specified in the Plan Detail report but it failed to generate the report and resulted in error message PP010E. SYMPTOMS: When the BIND Parameters report line command (BR) is issued from a Plan Detail report, the following error message is issued: PP010E: You have entered an invalid line command. Press HELP for more info. IMPACT: CA Plan Analyzer does not generate the BIND Parameters report. CIRCUMVENTION: Issue the line command BR from another plan report like Plan List. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 1026 Copyright (C) 2020 CA. All rights reserved. R00863-D200-SP1 DESC(LINE COMMAND BIND PARAMETERS (BR) BROKEN IN PLAN DETAIL). ++VER (Z038) FMID (CINSK00) PRE (R096576 S001396 S012650) SUP (ST12942) ++IF FMID(CPPAK00) REQ(S012943) .

Service	Details
S012943	S012943 M.C.S. ENTRIES = ++PTF (S012943) LINE COMMAND BIND PARAMETERS (BR) BROKEN IN PLAN DETAIL PROBLEM DESCRIPTION: In CA Plan Analyzer for DB2 for z/OS (PPA), the line command for a BIND Parameters report (BR) was specified in the Plan Detail report but it failed to generate the report and resulted in error message PP010E. SYMPTOMS: When the BIND Parameters report line command (BR) is issued from a Plan Detail report, the following error message is issued: PP010E: You have entered an invalid line command. Press HELP for more info. IMPACT: CA Plan Analyzer does not generate the BIND Parameters report. CIRCUMVENTION: Issue the line command BR from another plan report like Plan List. PRODUCT(S) AFFECTED: CA Plan Analyzer for DB2 for z/OS Version 20.0 Related Problem: PPADB2 1026 Copyright (C) 2020 CA. All rights reserved. R00863-D200-SP1 DESC(LINE COMMAND BIND PARAMETERS (BR) BROKEN IN PLAN DETAIL). ++VER (Z038) FMID (CPPAK00) PRE (S010714 S011131) SUP (ST12943) ++IF FMID(CINSK00) REQ(S012942) .

Service	Details	
SO12966	SO12966 M.C.S. ENTRIES = ++PTF (SO12966)	
	SECURITY OR INTEGRITY PROBLEM.	
	PROBLEM DESCRIPTION:	
	Security or Integrity Problem.	
	SYMPTOMS:	
	N/A	
	IMPACT:	
	Security or Integrity Problem.	
	CIRCUMVENTION:	
	N/A	
	PRODUCT(S) AFFECTED:	
	CA Subsystem Analyzer for DB2 for z/OS	Version 20.0
	Related Problem:	
	PSA 531	
	Copyright (C) 2020 CA. All rights reserved. R00866-D200-SP1	
	DESC (SECURITY OR INTEGRITY PROBLEM.) .	
	++VER (Z038)	
	FMID (CPSAK00)	
	PRE (SO12926)	
	SUP (ST12824 ST12833 ST12966)	
	MCS	SO12304 STARTS ON PAGE 0003
	MCS	SO12361 STARTS ON PAGE 0003
	MCS	SO12362 STARTS ON PAGE 0019
	MCS	SO12363 STARTS ON PAGE 0020
	MCS	SO12364 STARTS ON PAGE 0020
	MCS	SO12365 STARTS ON PAGE 0021
	MCS	SO12366 STARTS ON PAGE 0022
	MCS	SO12367 STARTS ON PAGE 0023
	MCS	SO12368 STARTS ON PAGE 0024
	MCS	SO12412 STARTS ON PAGE 0025
	MCS	SO12428 STARTS ON PAGE 0030
	MCS	SO12429 STARTS ON PAGE 0032
	MCS	SO12483 STARTS ON PAGE 0034
	MCS	SO12487 STARTS ON PAGE 0035
	MCS	SO12501 STARTS ON PAGE 0037
	MCS	SO12524 STARTS ON PAGE 0039
	MCS	SO12525 STARTS ON PAGE 0040
	MCS	SO12526 STARTS ON PAGE 0041
	MCS	SO12527 STARTS ON PAGE 0044
	MCS	SO12528 STARTS ON PAGE 0045
	MCS	SO12529 STARTS ON PAGE 0046
	MCS	SO12530 STARTS ON PAGE 0048
	MCS	SO12536 STARTS ON PAGE 0049
	MCS	SO12537 STARTS ON PAGE 0050
	MCS	SO12538 STARTS ON PAGE 0052
	MCS	SO12539 STARTS ON PAGE 0054
	MCS	SO12547 STARTS ON PAGE 0056
	MCS	SO12553 STARTS ON PAGE 0057
	MCS	SO12585 STARTS ON PAGE 0058
	MCS	SO12586 STARTS ON PAGE 0058
	MCS	SO12624 STARTS ON PAGE 0059
	MCS	SO12650 STARTS ON PAGE 0060

Service	Details		
	MCS	SO12651	STARTS ON PAGE 0064
	MCS	SO12652	STARTS ON PAGE 0066
	MCS	SO12653	STARTS ON PAGE 0068
	MCS	SO12654	STARTS ON PAGE 0070
	MCS	SO12655	STARTS ON PAGE 0072
	MCS	SO12656	STARTS ON PAGE 0076
	MCS	SO12657	STARTS ON PAGE 0078
	MCS	SO12706	STARTS ON PAGE 0081
	MCS	SO12715	STARTS ON PAGE 0081
	MCS	SO12716	STARTS ON PAGE 0083
	MCS	SO12717	STARTS ON PAGE 0083
	MCS	SO12730	STARTS ON PAGE 0086
	MCS	SO12751	STARTS ON PAGE 0087
	MCS	SO12754	STARTS ON PAGE 0088
	MCS	SO12763	STARTS ON PAGE 0089
	MCS	SO12764	STARTS ON PAGE 0090
	MCS	SO12769	STARTS ON PAGE 0091
	MCS	SO12783	STARTS ON PAGE 0106
	MCS	SO12792	STARTS ON PAGE 0108
	MCS	SO12797	STARTS ON PAGE 0109
	MCS	SO12808	STARTS ON PAGE 0112
	MCS	SO12812	STARTS ON PAGE 0113
	MCS	SO12817	STARTS ON PAGE 0114
	MCS	SO12819	STARTS ON PAGE 0116
	MCS	SO12821	STARTS ON PAGE 0118
	MCS	SO12829	STARTS ON PAGE 0119
	MCS	SO12889	STARTS ON PAGE 0120
	MCS	SO12896	STARTS ON PAGE 0127
	MCS	SO12899	STARTS ON PAGE 0127
	MCS	SO12900	STARTS ON PAGE 0128
	MCS	SO12901	STARTS ON PAGE 0130
	MCS	SO12902	STARTS ON PAGE 0131
	MCS	SO12904	STARTS ON PAGE 0132
	MCS	SO12924	STARTS ON PAGE 0136
	MCS	SO12925	STARTS ON PAGE 0137
	MCS	SO12926	STARTS ON PAGE 0138
	MCS	SO12927	STARTS ON PAGE 0148
	MCS	SO12933	STARTS ON PAGE 0148
	MCS	SO12934	STARTS ON PAGE 0168
	MCS	SO12935	STARTS ON PAGE 0169
	MCS	SO12936	STARTS ON PAGE 0171
	MCS	SO12937	STARTS ON PAGE 0173
	MCS	SO12942	STARTS ON PAGE 0175
	MCS	SO12943	STARTS ON PAGE 0176
	MCS	SO12966	STARTS ON PAGE 0176

CA DB2 Tools 20.0
CA RS 2005 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 2005 Product/Component Count for this release is 27

CA RS Level	Service	FMID
CAR2005	S012966	CPSAK00
	S012943	CPPAK00
	S012942	CINSK00
	S012937	CRCXK00
	S012936	CRCUK00
	S012935	CPLAK00
	S012934	CPFUK00
	S012933	CINSK00
	S012927	CPUTK00
	S012926	CPSAK00
	S012925	CPDTK00
	S012924	CINSK00
	S012904	CINSK00
	S012902	CUGRK00
	S012901	CPUTK00
	S012900	CPLAK00
	S012899	CINSK00
	S012896	CIDBK00
	S012889	CPLAK00
	S012829	CINSK00
	S012821	CPDTK00
	S012819	CINSK00
	S012817	CINSK00
	S012812	CINSK00
	S012808	CPDTK00
	S012797	CPLAK00
	S012792	CINSK00
	S012783	CRCQK00
	S012769	CIDBK00
	S012764	CINSK00
	S012763	CPLAK00
	S012754	CPSAK00
	S012751	CINSK00
	S012730	CPUTK00
	S012717	CPUTK00
	S012716	CPRRK00
	S012715	CINSK00
	S012706	CIDBK00
	S012657	CRCUK00
	S012656	CPUTK00
	S012655	CPPAK00
	S012654	CPLAK00
	S012653	CPFUK00
	S012652	CPDTK00
	S012651	CPDAK00
	S012650	CINSK00
	S012624	CPDAK00

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	S012229	CRCQK00
	S012228	CINSK00
	S012219	CINSK00
	S012197	CPFUK00
	S012196	CIDBK00
	S012174	CPUTK00
	S012173	CPLAK00
	S012164	CINSK00
	S012159	CINSK00
	S012155	CUGRK00
	S012154	CTGRK00
	S012153	CPUTK00
	S012152	CPRRK00
	S012151	CPFUK00
	S012150	CPFLK00
	S012149	CINSK00
	S012147	CINSK00
	S012131	CPDTK00
	S012128	CPFLK00
	S012115	CINSK00
	S012078	CIDBK00
	S012076	CINSK00
	S012068	CPPAK00
	S012067	CINSK00
	S011977	CIDBK00
CAR2003	S012133	CIDBK00
	S012132	CINSK00
	S012110	CUGRK00
	S012109	CPRRK00
	S012108	CPFUK00
	S012107	CPFLK00
	S012106	CINSK00
	S012042	CINSK00
	S012031	CINSK00
	S012018	CUGRK00
	S012012	CRCQK00
	S012011	CINSK00
	S012000	CUGRK00
	S011999	CPUTK00
	S011998	CPRRK00
	S011997	CPFUK00
	S011996	CPFLK00
	S011995	CINSK00
	S011993	CPFUK00
	S011988	CINSK00
	S011983	CPDTK00
	S011981	CPUTK00

CA RS Level	Service	FMID
	S011976	CRCQK00
	S011971	CRCXK00
	S011970	CRCUK00
	S011969	CPLAK00
	S011968	CPFUK00
	S011967	COFSK00
	S011966	CINSK00
	S011957	CINSK00
	S011947	CPUTK00
	S011946	CPFLK00
	S011945	CINSK00
	S011942	CINSK00
	S011931	CPDAK00
	S011930	CUGRK00
	S011929	CUGRK00
	S011921	COFSK00
	S011868	CRCXK00
	S011867	CRCUK00
	S011866	CINSK00
	S011863	CINSK00
	S011862	CPUTK00
	S011861	CPRRK00
	S011849	CPUTK00
	S011848	CPUTK00
	S011847	CPRRK00
	S011846	CPFLK00
	S011843	CPSAK00
	S011806	CINSK00
	S011782	CPLAK00
	S011773	CUGRK00
	S011768	CPPAK00
	S011767	CPBAK00
	S011766	CINSK00
	S011737	CINSK00
	S011717	CPDTK00
	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

CA RS Level	Service	FMID
	S011696	CINSK00
	S011695	CPSAK00
	S011694	CPDTK00
	S011693	CIDBK00
	S011691	CINSK00
	S011679	CINSK00
	S011674	CINSK00
	S011669	CPLAK00
	S011646	CUGRK00
	S011645	CPRRK00
	S011644	CPFUK00
	S011643	CPFLK00
	S011625	CPSAK00
	S011624	CPDTK00
	S011623	CINSK00
	S011616	CIDBK00
	S011608	CPXNK00
	S011606	CPDTK00
	S011605	CUGRK00
	S011604	CPUTK00
	S011603	CPRRK00
	S011602	CPFUK00
	S011601	CPFLK00
	S011583	CPLAK00
	S011576	CINSK00
	S011567	CPPAK00
	S011566	CINSK00
	S011547	CINSK00
	S011534	CINSK00
	S011521	CPUTK00
	S011520	CPFLK00
	S011499	CPDTK00
	S011476	CPFUK00
	S011475	CINSK00
	S011468	CINSK00
	S011465	CIDBK00
	S011452	CIDBK00
	S011433	CPUTK00
	S011432	CPRRK00
	S011431	CPFLK00
	S011430	CINSK00
	S011419	CPLAK00
	S011382	CUGRK00
	S011373	CINSK00
	S011333	CINSK00
	S011325	CPFLK00
	S011296	CPRFK00

CA RS Level	Service	FMID
	S011231	CINSK00
	S011086	CUGRK00
CAR2001	S011345	CPSAK00
	S011323	CUGRK00
	S011317	CINSK00
	S011263	CPDTK00
	S011261	CINSK00
	S011255	CINSK00
	S011239	CUGRK00
	S011238	CPUTK00
	S011237	CPRRK00
	S011236	CPFUK00
	S011235	CPFLK00
	S011234	CINSK00
	S011222	CPRRK00
	S011221	CINSK00
	S011201	CINSK00
	S011200	CPRRK00
	S011197	CRCQK00
	S011196	CINSK00
	S011180	COFSK00
	S011169	CUGRK00
	S011168	CPUTK00
	S011133	CRCQK00
	S011131	CPPAK00
	S011130	CPBAK00
	S011129	CINSK00
	S011114	CPUTK00
	S011113	CPLAK00
	S011112	CINSK00
	S011110	CPUTK00
	S011109	CPRRK00
	S011108	CPFUK00
	S011107	CPFLK00
	S011105	CRCUK00
	S011085	CPUTK00
	S011084	CINSK00
	S011083	CUGRK00
	S011080	CPRRK00
	S011079	CRCXK00
	S011078	CINSK00
	S011052	CPFUK00
	S011048	CINSK00
	S011017	CPDAK00
	S011013	CPFUK00
	S011009	CUTSK00
	S010978	CINSK00

CA RS Level	Service	FMID
	S010975	CRCUK00
	S010974	CINSK00
	S010955	CPSAK00
	S010908	CPDTK00
	S010907	CINSK00
	S010906	CIDBK00
	S010867	CPSAK00
	S010835	CINSK00
	S010817	CPRAK00
	S010739	CIDBK00
	S010662	CINSK00
	S010278	CPPAK00
	S010277	CPBAK00
CAR1912	S011039	CPRRK00
	S010948	CINSK00
	S010921	CPDTK00
	S010920	CINSK00
	S010872	CINSK00
	S010871	CINSK00
	S010827	CINSK00
	S010819	CUGRK00
	S010818	CUGRK00
	S010815	CINSK00
	S010789	CAHOK00
	S010788	CINSK00
	S010763	CINSK00
	S010760	CINSK00
	S010752	CPFLK00
	S010750	CINSK00
	S010716	CIDBK00
	S010714	CPPAK00
	S010713	CPBAK00
	S010712	CINSK00
	S010703	CINSK00
	S010679	CPRRK00
	S010678	CPUTK00
	S010677	CPLAK00
	S010676	CINSK00
	S010661	CRCQK00
	S010652	CPDTK00
	S010641	CPLAK00
	S010639	CINSK00
	S010631	CINSK00
	S010626	CPFUK00
	S010625	CPRRK00
	S010608	CPUTK00
	S010549	CINSK00

CA RS Level	Service	FMID
	S010512	CINSK00
	S010495	CPUTK00
	S010417	CINSK00
	S010405	CIDBK00
	S010401	CUGRK00
	S010165	CUGRK00
	S009802	CINSK00
CAR1911	S010553	CUGRK00
	S010538	CPDTK00
	S010532	CRCQK00
	S010521	CPDTK00
	S010514	CINSK00
	S010505	CPRRK00
	S010492	CPDTK00
	S010474	CPUTK00
	S010470	CUTSK00
	S010469	CINSK00
	S010468	CRCQK00
	S010442	CPFUK00
	S010437	CINSK00
	S010430	CRCQK00
	S010390	CPLAK00
	S010389	CINSK00
	S010365	CPRFK00
	S010347	CPRFK00
	S010331	CINSK00
	S010323	CINSK00
	S010321	CRCQK00
	S010306	CUGRK00
	S010292	CINSK00
	S010288	CPRFK00
	S010281	CINSK00
	S010268	CRCQK00
	S010250	COFSK00
	S010248	CIDBK00
	S010243	CINSK00
	S010236	CUTSK00
	S010201	CUGRK00
	S010200	CINSK00
	S010175	CPFUK00
	S010174	CINSK00
	S010173	CINSK00
	S010071	CTGRK00
	S010059	CTGRK00
	S010007	CPRRK00
	S010000	CPPAK00
	S009999	CINSK00

CA RS Level	Service	FMID
	S009978	CPUTK00
	S009977	CPFLK00
	S009976	CINSK00
	S009945	CINSK00
	S009911	CUGRK00
	S009797	CINSK00
CAR1910	S010196	CPUTK00
	S010195	CPFLK00
	S010194	CINSK00
	S010163	CRCQK00
	S010162	CINSK00
	S010160	CIDBK00
	S010129	CAHOK00
	S010107	CPFUK00
	S010080	CINSK00
	S010069	CINSK00
	S010066	CINSK00
	S010061	CINSK00
	S010046	CINSK00
	S010044	CUGRK00
	S010043	CPFUK00
	S010042	CPDAK00
	S010041	CINSK00
	S010038	CPUTK00
	S010029	COFSK00
	S010028	CINSK00
	S010023	CPFUK00
	S010021	CINSK00
	S010018	CPDTK00
	S010004	CINSK00
	S010001	CUGRK00
	S009974	CUGRK00
	S009973	CPUTK00
	S009954	CPRRK00
	S009929	CINSK00
	S009905	CPRRK00
	S009903	CUGRK00
	S009902	CPUTK00
	S009901	CPRRK00
	S009900	CPFLK00
	S009893	CINSK00
	S009892	CINSK00
	S009877	CINSK00
	S009867	CUGRK00
	S009866	CRCCK00
	S009865	CRCQK00
	S009864	CPRFK00

CA RS Level	Service	FMID
	S009863	CPRAK00
	S009862	CPPAK00
	S009861	CPDAK00
	S009860	CINSK00
	S009859	CIDBK00
	S009858	CAHOK00
	S009857	CINSK00
	S009854	CPUTK00
	S009852	CRCQK00
	S009851	CINSK00
	S009839	CINSK00
	S009818	CINSK00
	S009811	CPDTK00
	S009799	CINSK00
	S009787	CPPAK00
	S009786	CPBAK00
	S009785	CINSK00
	S009766	CUGRK00
	S009765	CPUTK00
	S009764	CPFUK00
	S009763	CPDAK00
	S009762	COFSK00
	S009761	CINSK00
CAR1909	S009828	CPDTK00
	S009796	CINSK00
	S009790	CINSK00
	S009759	CRCQK00
	S009748	CUGRK00
	S009743	CIDBK00
	S009742	CUGRK00
	S009714	CPRAK00
	S009708	CIDBK00
	S009693	CINSK00
	S009675	CPFUK00
	S009672	CPUTK00
	S009671	CPRRK00
	S009662	CPRFK00
	S009652	CPDAK00
	S009647	COFSK00
	S009602	CINSK00
	S009601	CPDTK00
	S009599	CPRRK00
	S009595	CUGRK00
	S009590	CUTSK00
	S009569	CPUTK00
	S009564	CINSK00
	S009556	CIDBK00

CA RS Level	Service	FMID
	S009546	CINSK00
	S009519	CIDBK00
	S009432	CPSAK00
	S009426	CINSK00
	S009423	CTGRK00
	S009417	CINSK00
	S009403	CRCSK00
	S009378	CPFLK00
	S009333	CPLAK00
	S009300	CPDAK00
	S009205	CINSK00
	S008837	CPRRK00
CAR1908	S009461	CINSK00
	S009373	CIDBK00
	S009356	CINSK00
	S009337	CPFUK00
	S009267	CPSAK00
	S009261	CINSK00
	S009253	CPUTK00
	S009252	CPLAK00
	S009239	CPDTK00
	S009232	CINSK00
	S009228	CIDBK00
	S009188	CUGRK00
	S009187	CTGRK00
	S009186	CPUTK00
	S009185	CPRFK00
	S009184	COFSK00
	S009183	CINSK00
	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

CA RS Level	Service	FMID
	S009105	CINSK00
	S009089	CPRRK00
	S009088	CPDAK00
	S009083	CPLAK00
	S009068	CIDBK00
	S009065	CPDTK00
	S009055	CIDBK00
	S009054	CIDBK00
	S009044	CPDTK00
	S008969	CPRFK00
	S008963	CINSK00
	S008766	CINSK00
	S008755	CINSK00
	S008732	CPUTK00
	S008540	CINSK00
CAR1907	S009033	CINSK00
	S009028	CUGRK00
	S009027	CPUTK00
	S009026	CPRRK00
	S009025	CPFUK00
	S009024	CPFLK00
	S009023	CPDAK00
	S009022	CINSK00
	S008957	CINSK00
	S008922	CPRAK00
	S008899	CUTSK00
	S008879	CPUTK00
	S008878	CRCQK00
	S008871	CPUTK00
	S008870	CPLAK00
	S008869	CINSK00
	S008861	CPUTK00
	S008860	CPFUK00
	S008859	CINSK00
	S008858	COFSK00
	S008856	CINSK00
	S008847	CINSK00
	S008846	CIDBK00
	S008843	CUGRK00
	S008841	CUGRK00
	S008833	CUGRK00
	S008832	CINSK00
	S008825	CINSK00
	S008804	CINSK00
	S008803	CPUTK00
	S008802	CPLAK00
	S008799	CSQ2100

CA RS Level	Service	FMID
	S008789	CPDTK00
	S008782	CPUTK00
	S008762	CTGRK00
	S008750	CINSK00
	S008728	CIDBK00
	S008684	CINSK00
	S008668	CUGRK00
	S008667	CPUTK00
	S008663	COFSK00
	S008662	CINSK00
	S008654	CINSK00
	S008644	CINSK00
	S008606	CINSK00
	S008586	CPUTK00
	S008585	CPFUK00
	S008584	CPFLK00
	S008581	CPPAK00
	S008580	CPBAK00
	S008579	COFSK00
	S008578	CINSK00
	S008577	CIDBK00
	S008576	CSQ2100
	S008467	CINSK00
	S008414	CINSK00
	S008352	CPFUK00
CAR1906	S008608	CRCQK00
	S008466	CUGRK00
	S008455	CPDTK00
	S008451	CPPAK00
	S008450	CPBAK00
	S008446	CPDTK00
	S008435	COFSK00
	S008434	CINSK00
	S008429	CPUTK00
	S008428	CPFLK00
	S008427	COFSK00
	S008407	CPFLK00
	S008406	CINSK00
	S008403	COFSK00
	S008393	CPSAK00
	S008380	CPUTK00
	S008379	CPRRK00
	S008378	CPFLK00
	S008377	CINSK00
	S008330	CINSK00
	S008323	CPDTK00
	S008313	CINSK00

CA RS Level	Service	FMID
	S008302	CIDBK00
	S008296	CINSK00
	S008291	CINSK00
	S008280	CUGRK00
	S008279	CIDBK00
	S008278	CINSK00
	S008262	CINSK00
	S008244	CPDTK00
	S008240	CINSK00
	S008232	CRCQK00
	S008216	CINSK00
	S008202	CINSK00
	S008198	CINSK00
	S008190	CPSAK00
	S008128	CINSK00
	S008074	CRCMK00
CAR1905	S008204	CPDTK00
	S008193	CUGRK00
	S008137	CUGRK00
	S008136	CINSK00
	S008129	CPDTK00
	S008123	CPSAK00
	S008112	CPFUK00
	S008109	COFSK00
	S008101	COFSK00
	S008083	CPRFK00
	S008072	CPUTK00
	S008071	CPFLK00
	S008068	CPFUK00
	S008051	CINSK00
	S008025	CPRFK00
	S008016	CINSK00
	S008012	CPRAK00
	S008008	CPLAK00
	S007988	CPDTK00
	S007986	CPUTK00
	S007974	CPRFK00
	S007955	CINSK00
	S007954	CRCQK00
	S007940	CINSK00
	S007927	CUTSK00
	S007924	CPFLK00
	S007916	CUGRK00
	S007915	CINSK00
	S007906	CPRAK00
	S007905	CUGRK00
	S007904	CAHOK00

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

CA RS Level	Service	FMID
	S006878	CRCXK00
	S006877	CRCUK00
	S006876	CRCSK00
	S006875	CRCQK00
	S006874	CPUTK00
	S006873	CPSAK00
	S006870	CPRFK00
	S006869	CPPAK00
	S006868	CPLAK00
	S006867	CPFUK00
	S006866	CPFLK00
	S006865	CPDTK00
	S006864	COFSK00
	S006863	CINSK00
	S006862	CIDBK00
	S006838	CPDTK00
CAR1901	S006718	CPLAK00
	S006638	CINSK00
	S006619	CPUTK00
	S006611	CUTSK00
	S006610	CPUTK00
	S006609	CPRRK00
	S006608	CINSK00
	S006582	CPRRK00
	S006497	CINSK00
	S006485	CSQ2100
CAR1812	S006494	CSQ2100
	S006443	CPRFK00
	S006335	CPSAK00
	S006334	CPDTK00
	S006333	CIDBK00
	S006286	CINSK00
	S006275	CRCQK00
	S006237	CPDTK00
	S006132	CUGRK00
	S006131	CRCXK00
	S006130	CRCUK00
	S006129	CRCSK00
	S006128	CRCQK00
	S006127	CPUTK00
	S006126	CPSAK00
	S006125	CPRRK00
	S006122	CPRFK00
	S006121	CPRAK00
	S006120	CPPAK00
	S006119	CPLAK00
	S006118	CPFUK00

CA RS Level	Service	FMID
	S006117	CPFLK00
	S006116	CPDTK00
	S006115	CPDAK00
	S006114	COFSK00
	S006113	CINSK00
	S006112	CIDBK00
CAR1811	S006069	CUGRK00
	S006068	CPUTK00
	S006067	CINSK00
	S006064	CPUTK00
	S006007	CINSK00
	S005873	CINSK00
	S005700	CPUTK00
CAR1810	S005503	CPFUK00
	S005502	CPFLK00
	S005337	CUGRK00
	S005308	CSQ2100
	S005280	CINSK00
	S005266	CINSK00
	S005199	CINSK00
CAR1809	S005237	CINSK00
	S005102	CPUTK00
	S005101	CPFUK00
	S005081	CPFLK00
	S005070	CINSK00
	S005018	CUGRK00
	S005017	CTGRK00
	S005016	CPUTK00
	S005015	CPRRK00
	S005014	CPLAK00
	S005013	CPFUK00
	S005012	CPFLK00
	S005011	CINSK00
	S005010	CIDBK00
	S004949	CPUTK00
	S004948	CPDAK00
	S004947	CINSK00
	S004857	CPFLK00
	S004856	CRCMK00
	S004855	CINSK00
	S004799	CUGRK00
	S004798	CPUTK00
	S004797	CPRRK00
	S004796	CPRAK00
	S004795	CPLAK00
	S004794	CINSK00
	S004757	CPDTK00

CA RS Level	Service	FMID
CAR1808	S004756	CINSK00
	S004720	CRCUK00
	S004719	CRCMK00
	S004718	CINSK00
	S004475	CUGRK00
	S004474	CTGRK00
	S004473	CRCXK00
	S004472	CRCUK00
	S004471	CRCQK00
	S004470	CRCMK00
	S004469	CPUTK00
	S004468	CPSAK00
	S004467	CPRRK00
	S004464	CPRFK00
	S004463	CPRAK00
	S004462	CPPAK00
	S004461	CPLAK00
	S004460	CPFUK00
	S004459	CPFLK00
	S004458	CPDTK00
	S004457	CPDAK00
	S004456	COFSK00
	S004455	CINSK00
	S004454	CIDBK00
	S004437	CRCQK00
CAR1807	S004275	CPFLK00
	S004251	CUGRK00
	S004250	CINSK00
	S004249	CUGRK00
	S004248	CPUTK00
	S004247	CPRRK00
	S004246	CPRAK00
	S004245	CPLAK00
	S004244	CINSK00
	S004155	CSQ2100
	S004129	CINSK00
	S004048	CUGRK00
	S004010	CPDAK00
	S003992	CPUTK00
	S003965	CINSK00
	S003960	CPDTK00
	S003959	CINSK00
	S003942	CPDTK00
	S003861	CPFLK00
	S003860	CINSK00
	S003844	CPUTK00
	S003843	CINSK00

CA RS Level	Service	FMID
CAR1806	S003816	CUGRK00
	S003815	CPUTK00
	S003814	CINSK00
	S003677	CUGRK00
	S003676	CTGRK00
	S003587	CINSK00
	S001905	CINSK00
	S001896	CINSK00
	S001855	CUGRK00
	S001819	CUGRK00
	S001818	CPFUK00
	S001670	CRCCK00
	S001641	CPLAK00
CAR1805	S001712	CUGRK00
	S001711	CPUTK00
	S001668	CUGRK00
	S001667	CPLAK00
	S001666	COFSK00
	S001665	CINSK00
	S001664	CIDBK00
	S001660	CUGRK00
	S001659	CPUTK00
	S001658	CPRRK00
	S001657	CPFUK00
	S001656	CPFLK00
	S001655	CINSK00
	S001635	CPSAK00
	S001418	CUGRK00
	S001417	CTGRK00
	S001416	CRCXK00
	S001415	CRCUK00
	S001414	CRCQK00
	S001413	CRCMK00
	S001412	CPXNK00
	S001411	CPUTK00
	S001410	CPSAK00
	S001409	CPRRK00
	S001406	CPRFK00
	S001405	CPRAK00
	S001404	CPPAK00
	S001403	CPLAK00
	S001402	CPFUK00
	S001401	CPFLK00
	S001400	CPDTK00
	S001399	CPDAK00
	S001398	CPBAK00
	S001397	COFSK00

CA RS Level	Service	FMID
	S001396	CINSK00
	S001395	CIDBK00
CAR1804	S000978	CINSK00
	S000977	CSQ2100
	S000975	CPLAK00
	S000894	CUGRK00
	S000893	CPUTK00
	S000871	CPSAK00
	S000849	CSQ2100
	S000848	CUTSK00
	S000847	CPUTK00
	S000846	CPRRK00
	S000845	CINSK00
	S000788	CUGRK00
	S000787	CPUTK00
	S000786	CPRRK00
	S000785	CINSK00
	S000704	CPFLK00
	S000631	CSQ2100
	S000081	CPFLK00
CAR1803	S000616	CRCUK00
	S000423	CPDTK00
	S000343	CINSK00
	S000295	CPFUK00
	S000263	CPDTK00
CAR1802	S000201	CUGRK00
	S000077	CIDBK00
	S000029	CUGRK00
	S000028	CTGRK00
	S000027	CRCXK00
	S000026	CRCUK00
	S000025	CRCQK00
	S000024	CPUTK00
	S000023	CPRRK00
	S000022	CPRAK00
	S000021	CPPAK00
	S000020	CPLAK00
	S000019	CPFUK00
	S000018	CPFLK00
	S000017	CPDAK00
	S000016	CINSK00
	S000015	CIDBK00
	R099980	CPDTK00
	R099979	CINSK00
	R099968	CSQ2100
	R099946	CPDTK00
	R099899	CSQ2100

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	R097718	CRCMK00
	R097717	CPUTK00
	R097716	CPSAK00
	R097715	CPRRK00
	R097712	CPRFK00
	R097711	CPRAK00
	R097710	CPPAK00
	R097709	CPLAK00
	R097708	CPFLK00
	R097707	CPDTK00
	R097706	CPDAK00
	R097705	COFSK00
	R097704	CINSK00
	R097703	CIDBK00
CAR1709	R097683	CIDBK00
	R097376	CSQ2100
CAR1708	R097169	CSQ2100
	R097090	CSQ2100
	R096595	CUGRK00
	R096594	CRCUK00
	R096593	CRCQK00
	R096592	CRCMK00
	R096591	CPXNK00
	R096590	CPUTK00
	R096589	CPSAK00
	R096588	CPRRK00
	R096585	CPRFK00
	R096584	CPPAK00
	R096583	CPLAK00
	R096582	CPFUK00
	R096581	CPFLK00
	R096580	CPDTK00
	R096579	CPDAK00
	R096578	CPBAK00
	R096577	COFSK00
	R096576	CINSK00
	R096575	CIDBK00
CAR1707	R096495	CSQ2100
	R096401	CUTSK00
CAR1706	R096169	CPSAK00
	R096168	CPDTK00
	R096167	CINSK00
	R096162	CPDAK00
	R096102	CSQ2100
	R096005	CUTSK00
	R096002	CUGRK00

CA RS Level	Service	FMID
	R095972	CUTSK00
	R095918	CUTSK00