CA Datacom/DB 14.0
CA RS 1503 Service List

Release	Service	Description	Type
14.0	RO54870	CLOSE OPEN URTS WITH SQL_STATUS_URT DYNAMIC SYSTEM TABLE	PTF
	RO76078	UNCONDITIONAL UDFT ERR-MSGS PRINTED TO PXX	PTF
	RO77577	LOOP IN INDEX QUEUE PROCESSING	PTF
	RO77604	ABEND S0C4 IN DBINFPR WITH 24-BIT APPLICATION	PTF
	RO77851	MASSADD MULTUSE=NO USING A SIMPLIFY MUF GETS ERROR 94(172)	PTF
	RO77885	RELEASE CICS SERVICES THREAD AT END OF APPLICATION	PTF
	RO78319	CORRECTION TO RO77961 AND RO77275	** PRP **
	RO78336	COUPLER LOCK TRACING IMPROVEMENTS	PTF
	RO78362	S0CA ABEND IN DBACRPR	PTF
	RO78363	RC 04(47) AND 13(11) AFTER THE CATALOG OF AN MDI DATABASE	PTF
	RO78388	-4 OVERFLOW ERROR ON DEC/INT CASTS	** PRP **
	RO78415	DBUTLTY AUTOINFO MISSING CBS STATISTICS	PTF
	RO78642	TURN OFF COUNT(*) OPTIMIZATION	PTF
	RO78675	OPTION TO TURN OFF SQL COUNT(*) OPTIMIZATION	PTF

The CA RS 1503 service count for this release is 14

FMID	Service	Description	Type
CABDE00	RO77577	LOOP IN INDEX QUEUE PROCESSING	PTF
	RO77604	ABEND S0C4 IN DBINFPR WITH 24-BIT APPLICATION	PTF
	RO77851	MASSADD MULTUSE=NO USING A SIMPLIFY MUF GETS ERROR 94(172)	PTF
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	RO78642	TURN OFF COUNT(*) OPTIMIZATION	PTF

The CA RS 1503 service count for this FMID is 9

FMID	Service	Description	Type
CAVEE00	RO54870	CLOSE OPEN URTS WITH SQL_STATUS_URT DYNAMIC SYSTEM TABLE	PTF
	RO76078	UNCONDITIONAL UDFT ERR-MSGS PRINTED TO PXX	PTF
	RO77885	RELEASE CICS SERVICES THREAD AT END OF APPLICATION	PTF
	RO78388	-4 OVERFLOW ERROR ON DEC/INT CASTS	** PRP **
	RO78675	OPTION TO TURN OFF SQL COUNT(*) OPTIMIZATION	PTF
The CA RS 1503 service count for this FMID is 5			

Release	Service	Details
14.0	RO54870	RO54870 M.C.S. ENTRIES = ++PTF (RO54870) CLOSE OPEN URTS WITH SQL_STATUS_URT DYNAMIC SYSTEM TABLE PROBLEM DESCRIPTION: Deleting rows from Dynamic System Table (DST) SYSADM.SQL_STATUS_URT does not close URTs with users. SYMPTOMS: Executing DBUTLTY functions requiring a base to be closed fail because the URTs are not closed. IMPACT: The DBUTLTY function must be repeated after closing currently open SQL URTs. All SQL access (batch, CICS, CA Datacom Server) to the database must be stopped by closing all SQL URTs. Closing the SQL URT for CICS or for CA Datacom Server stops SQL access to all databases. Deleting rows from the Dynamic System Table allows selected database IDs, not all, to be closed. CIRCUMVENTION: Close the CICS SQL URT or close the CA Datacom Server region holding URTs open before attempting the DBUTLTY function. PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0 CA Datacom SQL Release 14.0 Star Problem(s): SQL 1873 Copyright (C) 2015 CA. All rights reserved. R00387-DCM140-SP1 DESC(CLOSE OPEN URTS WITH SQL_STATUS_URT DYNAMIC SYSTEM TABLE). ++VER (Z038) FMID (CAVEE00) PRE (RO40578 RO40623 RO53018) SUP (TR54870)

Release	Service	Details
14.0	RO76078	RO76078 M.C.S. ENTRIES = ++PTF (RO76078) UNCONDITIONAL UDFT ERR-MSGS PRINTED TO PXX PROBLEM DESCRIPTION: When a UDFT end-of-set is reached, the PXX shows error messages that would only be appropriate for debugging. SYMPTOMS: Unnecessary information is printed to the PXX. IMPACT: The user may be confused or misled by the unwanted messages. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0 CA Datacom SQL Release 14.0 CA Datacom SQL Release 15.0 Star Problem(s): SQL 1971 Copyright (C) 2015 CA. All rights reserved. R00660-DCM140-SP1 DESC(UNCONDITIONAL UDFT ERR-MSGS PRINTED TO PXX). ++VER (Z038) FMID (CAVEE00) PRE (RO34410 RO34590 RO40578 RO41391 RO44308 RO50843 RO51307 RO53622 RO55447 RO56439 RO59167 RO68630 RO69920 RO69986) SUP (RO41075 TR41075 TR69782 TR76078)

Release	Service	Details
14.0	RO77577	RO77577 M.C.S. ENTRIES = ++PTF (RO77577) LOOP IN INDEX QUEUE PROCESSING PROBLEM DESCRIPTION: The CA Datacom/DB Multi-User Facility (MUF) can go into a loop during index queue processing on any database set as ACCESS NOOPT in the MUF startup options. When the loop occurs, all other tasks in MUF hang. SYMPTOMS: The MUF CPU time is much higher than normal and the MUF is unresponsive to application requests, i.e. they appear to hang. IMPACT: The MUF must be cycled to clear the condition resulting in an unplanned MUF outage. CIRCUMVENTION: If possible, change the MUF startup option for the database involved from NOOPT to OPTIMIZE. OPTIMIZE is the default and the recommended MUF open processing method. PRODUCT(S) AFFECTED: CA Datacom/DB Version 14.0 CA Datacom/DB Version 15.0 Star Problem(s): DB 5000 Copyright (C) 2015 CA. All rights reserved. R00679-DCM140-SP1 DESC(LOOP IN INDEX QUEUE PROCESSING). ++VER (Z038) FMID (CABDE00) PRE (RO35133 RO35426 RO36631 RO68868 RO69509 RO70564 RO71451 RO71900 RO74874 RO76601) SUP (RO33761 RO37136 RO40436 RO56734 RO61888 TR33761 TR37136 TR40436 TR56734 TR60174 TR61888 TR77577)

Release	Service	Details
14.0	RO77604	RO77604 M.C.S. ENTRIES = ++PTF (RO77604) ABEND S0C4 IN DBINFPR WITH 24-BIT APPLICATION PROBLEM DESCRIPTION: User applications passing 24-bit addresses to the CA Datacom/DB interface module DBINFPR can abend with code S0C4. SYMPTOMS: Applications abend with code S0C4 in module DBINFPR. IMPACT: Selected applications fail. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Version 14.0 CA Datacom/DB Version 15.0 Star Problem(s): DB 5003 Copyright (C) 2015 CA. All rights reserved. R00680-DCM140-SP1 DESC(ABEND S0C4 IN DBINFPR WITH 24-BIT APPLICATION). ++VER (Z038) FMID (CABDE00) PRE (RO46575 RO60177) SUP (AR47507 AR59165 RO34786 RO42639 RO49305 RO54278 RO57425 RO59165 RO61843 RO68100 RO71415 RO72583 TR34786 TR42639 TR49305 TR54278 TR57425 TR59165 TR60177 TR61843 TR65467 TR68100 TR71415 TR72583 TR77604)

Release	Service	Details
14.0	RO77851	RO77851 M.C.S. ENTRIES = ++PTF (RO77851) MASSADD MULTUSE=NO USING A SIMPLIFY MUF GETS ERROR 94(172) PROBLEM DESCRIPTION: CA Datacom/DB DBUTLTY MASSADD function executions fail in a Simplify Mode environment when MULTUSE=NO is specified. SYMPTOMS: DBUTLTY MASSADD executions receive a CA Datacom/DB return code 94(172) or abend with a S0C4 in module DBMADPR. IMPACT: DBUTLTY MASSADD functions will not run in Simplify Mode if MULTUSE=NO is specified. CIRCUMVENTION: Specify MULTUSE=YES on the DBUTLTY MASSADD function input. PRODUCT(S) AFFECTED: CA Datacom/DB Release 14.0 CA Datacom/DB Version 15.0 Star Problem(s): DB 4997 Copyright (C) 2015 CA. All rights reserved. R00684-DCM140-SP1 DESC(MASSADD MULTUSE=NO USING A SIMPLIFY MUF GETS ERROR 94(172)). ++VER (Z038) FMID (CABDE00) PRE (RO31497 RO33475 RO33807 RO35426 RO41209 RO49483 RO62605 RO68362 RO68868 RO70564 RO71451 RO71530 RO71900 RO74874 RO76601) SUP (AC57573 MC57573 RO31570 RO34254 RO34482 RO46955 RO47005 RO57549 RO59664 RO68960 RO68989 RO70290 RO73353 RO74946 TR31570 TR34254 TR34482 TR46955 TR47005 TR57549 TR59664 TR64126 TR68397 TR68960 TR68989 TR70290 TR73353 TR74946 TR77851)

Release	Service	Details
14.0	RO77885	RO77885 M.C.S. ENTRIES = ++PTF (RO77885) RELEASE CICS SERVICES THREAD AT END OF APPLICATION PROBLEM DESCRIPTION: Sometimes when a CICS application ends, the CICS Services thread is not released. This solution signals CICS Services to release their thread to the Multi-user Facility (MUF) when it sends the QENDA request to MUF. SYMPTOMS: The CICS Services Facility runs out of threads and cannot send requests to MUF. IMPACT: All database requests hang. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Version 14.0 CA Datacom SQL Version 15.0 CA Datacom CICS Services Version 14.0 CA Datacom CICS Services Version 15.0 Star Problem(s): SQL 1977 Copyright (C) 2015 CA. All rights reserved. R00687-DCM140-SP1 DESC(RELEASE CICS SERVICES THREAD AT END OF APPLICATION). ++VER (Z038) FMID (CAVEE00) PRE (RO40578 RO40967 RO42275 RO57814 RO58791 RO59167 RO60006 RO65595) SUP (AR42275 RO42352 TR42352 TR77885)

Release	Service	Details
14.0	RO78319	RO78319 M.C.S. ENTRIES = ++PTF (RO78319) CORRECTION TO RO77961 AND RO77275 PROBLEM DESCRIPTION: A problem has been discovered with two PTFs published recently: RO77961 and RO77275. This fix corrects a code macro and redelivers the modules assembled with the corrected macro. SYMPTOMS: The symptom, as discovered by CA internal QA testing, is that the Multi-User Facility (MUF) ends with an SA03 abend at EOJ if CCI is in use. Various other symptoms in various modules are possible. IMPACT: The MUF may abend. It is hard to assess the level of impact since symptoms are not known. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Version 14.0 Star Problem(s): DB 5021 Copyright (C) 2015 CA. All rights reserved. R00691-DCM140-SP1 DESC(CORRECTION TO RO77961 AND RO77275). ++VER (Z038) FMID (CABDE00) PRE (RO33807 RO35133 RO35280 RO35650 RO36213 RO48058 RO49884 RO51924 RO53265 RO54630 RO56209 RO59348 RO59502 RO61435 RO62605 RO68362 RO68868 RO69078 RO70564 RO71451 RO74874 RO77275 RO77961) SUP (AR77961 RC57573 RO33531 RO34121 RO34971 RO35392 RO35611 RO48653 RO71759 RO76088 RO76683 TR33531 TR34121 TR34971 TR35360 TR35392 TR35611 TR48653 TR71759 TR73689 TR75854 TR76088 TR76683 TR78319)

Release	Service	Details
14.0	RO78336	RO78336 M.C.S. ENTRIES = ++PTF (RO78336)

RO78336   M.C.S. ENTRIES = ++PTF (RO78336)

COUPLER LOCK TRACING IMPROVEMENTS
PROBLEM DESCRIPTION:
The CA Datacom/DB Multi-User Facility (MUF) in MUFplex mode A has been
found to hang on a DBUTLTY SPILL waiting on a coupler lock. The internal
traces and footprints were insufficient to determine the cause of the
hang. This solution provides additional internal debugging information
for this extremely rare problem.
SYMPTOMS:
A DBUTLTY SPILL job hangs waiting on a coupler lock. A STATUS command shows
the job in status:
PLEX LIST -DBLC DBUTLTY SPILL
The hanging spill causes all maintenance (update) activity to hang in all
members of the MUFplex in various wait states.
IMPACT:
The hanging spill and the hanging maintenance processes ultimately lead to
other tasks also hanging. At a minimum, the MUFplex member where the spill
hangs must be cycled. It may be necessary to cycle all members of the
MUFplex.
CIRCUMVENTION:
None.
PRODUCT(S) AFFECTED:
CA Datacom/DB   Version 14.0
CA Datacom/DB   Version 15.0
Star Problem(s):
DB   5014
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DESC(COUPLER LOCK TRACING IMPROVEMENTS).
++VER (Z038)
FMID (CABDE00)
PRE (RO34871 RO36631 RO43272 RO49483 RO53693 RO61435
RO63823 RO68858 RO70564 RO71451 RO74874)
SUP (RO32655 RO53666 RO64787 TR32655 TR53666 TR64787
TR78208 TR78336)

Release	Service	Details
14.0	RO78362	RO78362 M.C.S. ENTRIES = ++PTF (RO78362) S0CA ABEND IN DBACRPR PROBLEM DESCRIPTION: The CA Datacom/DB Multi-User Facility (MUF) can abend with a S0CA in module DBACRPR. The abend occurs when the Accounting Facility is enabled and one of its internal counter fields overflows. SYMPTOMS: A MUF S0CA abend occurs in module DBACRPR at one of the following offsets: x'54E', x'61A', or x'64A'. IMPACT: A MUF outage can occur. CIRCUMVENTION: This abend typically is due to a poorly tuned ACCT MUF startup option. A very small threshold value or a small buffer size on the ACCT statement, especially with a large accounting row size, can lead to counter overflows. Increasing these values may provide a circumvention. PRODUCT(S) AFFECTED: CA Datacom/DB Version 14.0 CA Datacom/DB Version 15.0 Star Problem(s): DB 5010 Copyright (C) 2015 CA. All rights reserved. R00694-DCM140-SP1 DESC(S0CA ABEND IN DBACRPR). ++VER (Z038) FMID (CABDE00) SUP (RO35716 TR35716 TR78362)

Release	Service	Details
14.0	RO78363	RO78363 M.C.S. ENTRIES = ++PTF (RO78363) RC 04(47) AND 13(11) AFTER THE CATALOG OF AN MDI DATABASE PROBLEM DESCRIPTION: CA Datacom/DB user application or DBUTLTY execution abends may occur on a Multi-Dataset Index (MDI) database after it is cataloged to the CXX. The problem is most likely to occur when multiple database catalogs were performed in the same job. SYMPTOMS: CA Datacom/DB user applications or DBUTLTY jobs fail with a RC 04(047) followed by a RC 13(011) on a recently cataloged MDI database. IMPACT: CA Datacom/DB applications and DBUTLTY executions cannot be run successfully on the MDI database until a corrective action is taken or the PTF to prevent the problem has been applied. CIRCUMVENTION: Perform the MDI database catalog with no other databases present in the job. PRODUCT(S) AFFECTED: CA Datacom/DB Version 12.0 CA Datacom/DB Version 14.0 CA Datacom/DB Version 15.0 Star Problem(s): DB 4998 Copyright (C) 2015 CA. All rights reserved. R00695-DCM140-SP1 DESC(RC 04(47) AND 13(11) AFTER THE CATALOG OF AN MDI DATABASE). ++VER (Z038) FMID (CABDE00) PRE (RO33960 RO35803 RO36631 RO37575 RO42834 RO44202 RO47505 RO60055 RO68868 RO71451) SUP (GC57573 RO31364 RO33499 RO34213 RO34606 RO35272 RO35826 RO37997 RO43919 RO68500 RO69132 RO70262 RO72444 TR31364 TR33499 TR34213 TR34606 TR35272 TR35826 TR37997 TR43919 TR68500 TR69132 TR70262 TR72444 TR78239 TR78363)

Release	Service	Details
14.0	RO78388	RO78388 M.C.S. ENTRIES = ++PTF (RO78388) -4 OVERFLOW ERROR ON DEC/INT CASTS PROBLEM DESCRIPTION: A cast of a column defined as NOT NULL to a DECIMAL, NUMERIC or INTEGER datatype will fail with a -4 overflow error after CA Datacom SQL Version 14.0 PTF RO75390. SYMPTOMS: The query will receive SQLCODE -4 OVERFLOW ERROR. IMPACT: The query cannot execute. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Version 14.0 CA Datacom SQL Version 15.0 Star Problem(s): SQL 1979 SQLCODE -161 CAST CHAR TO NUMBER NOT NULL PROBLEM DESCRIPTION: After PTFs RO74901 for Version 14.0 and RO74860 for Version 15.0, conversions of a CHAR field defined as NOT NULL to a number can fail with SQLCODE -161. SYMPTOMS: The query will receive a SQLCODE -161 INVALID DATA error. IMPACT: The query cannot execute. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Version 14.0 CA Datacom SQL Version 15.0 Star Problem(s): SQL 1981 Copyright (C) 2015 CA. All rights reserved. R00696-DCM140-SP1 DESC(-4 OVERFLOW ERROR ON DEC/INT CASTS). ++VER (Z038) FMID (CAVEE00) PRE (RO40578 RO40623 RO50843 RO74901) SUP (AR74901 AR75390 CC56487 RO58151 RO60365 RO72443 RO75390 TR58151 TR60365 TR72443 TR75390 TR78388)

Release	Service	Details
14.0	RO78415	RO78415 M.C.S. ENTRIES = ++PTF (RO78415) DBUTLTY AUTOINFO MISSING CBS STATISTICS PROBLEM DESCRIPTION: Four CA Datacom/DB AUTOCOLLECT and AUTOINFO facility fields contain incorrect information as outlined below. The data in the four fields are transposed. All four fields contain Compound Boolean Selection(CBS) statistics. The BUF_CUR_PERC_FULL field contains the CUR_USED_SET_MEM information. The BUF_MAX_PERC_FULL field contains the MAX_USED_SET_MEM information. The CUR_USED_SET_MEM field contains the BUF_CUR_PERC_FULL information. The MAX_USED_SET_MEM field contains the BUF_MAX_PERC_FULL information. SYMPTOMS: There is no obvious symptom. The values in the MAX fields are lower than the values in the CUR fields which does not logically make sense. IMPACT: The CBS resource usage in these four areas is not able to be monitored. All the other CBS related statistics are correct, so those can be used to evaluate resource consumption in those areas. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 14.0 Star Problem(s): DB 4905 Copyright (C) 2015 CA. All rights reserved. R00698-DCM140-SP1 DESC(DBUTLTY AUTOINFO MISSING CBS STATISTICS). ++VER (Z038) FMID (CABDE00) SUP (AR60815 RO34142 RO36255 RO37304 RO60815 RO62414 RO69437 TR34142 TR36255 TR37304 TR60815 TR62414 TR69437 TR78415)

Release	Service	Details
14.0	RO78642	RO78642 M.C.S. ENTRIES = ++PTF (RO78642) TURN OFF COUNT(*) OPTIMIZATION PROBLEM DESCRIPTION: SQL PTF RO50843 provides an optimization for 'COUNT(*)' to return the table row count from the CXX instead of counting each row. This can cause an inaccurate count to be returned if the Multi-User Facility (MUF) has abnormally terminated and not updated the row count in the CXX. This solution provides a new MUF option SQL_COUNT_OPT_OFF to turn off this optimization until the CXX row count is corrected. The default is 'NO' which uses the CXX row count. Valid values are 'NO' and 'YES'. 'YES' forces the reading of each row. SYMPTOMS: An incorrect count of rows is returned for 'COUNT(*)'. IMPACT: The impact depends on how the application uses the count. CIRCUMVENTION: The circumvention is to correct the CXX record count. ENHANCEMENT DESCRIPTION: PRODUCT(S) AFFECTED: CA Datacom/DB Version 14.0 CA Datacom/DB Version 15.0 CA Datacom SQL Version 14.0 CA Datacom SQL Version 15.0 Star Problem(s): DB 5020 Copyright (C) 2015 CA. All rights reserved. R00702-DCM140-SP1 DESC(TURN OFF COUNT(*) OPTIMIZATION). ++VER (Z038) FMID (CABDE00) PRE (RO35280 RO36213 RO36773 RO49554 RO59522 RO61435 RO62605 RO66384 RO70564 RO71451 RO71631 RO77961) SUP (RO43731 RO50687 TR43731 TR50687 TR78642) ++HOLD (RO78642) SYSTEM FMID(CABDE00) REASON (DOC) DATE (15050) COMMENT (+---+ | CA Datacom/DB Release 14.0 | +---+ *************************** * PUBLICATION * *************************** See PRODUCT DOCUMENTATION CHANGE (PDC) RI78556 for documentation of this enhancement.).

Release	Service	Details
14.0	RO78675	RO78675 M.C.S. ENTRIES = ++PTF (RO78675) OPTION TO TURN OFF SQL COUNT(*) OPTIMIZATION PROGRAM DESCRIPTION: This solution provides a Multi-User Facility (MUF) option SQL_COUNT_OPT_OFF to turn off the optimization provided in PTF RO50843 that returns the count from the CXX. This is useful in cases where there are large tables with an incorrect count to allow time to correct the CXX count. PROBLEM DESCRIPTION: SYMPTOMS: The value returned for COUNT(*) is incorrect. IMPACT: The wrong count is returned. CIRCUMVENTION: Add a predicate that is always true, like WHERE 1=1. PRODUCT(S) AFFECTED: CA Datacom SQL Version 14.0 CA Datacom SQL Version 15.0 Star Problem(s): SQL 1978 Copyright (C) 2015 CA. All rights reserved. R00703-DCM140-SP1 DESC(OPTION TO TURN OFF SQL COUNT(*) OPTIMIZATION). ++VER (Z038) FMID (CAVEE00) PRE (RO50843 RO53622 RO68630) SUP (TR78567 TR78675) ++IF FMID(CABDE00) REQ(RO78642) .