

**CA Datacom/DB 15.0  
CA RS 1503 Service List**

Release	Service	Description	Type
15.0	RO77658	RC 04(47) AND 13(11) AFTER THE CATALOG OF AN MDI DATABASE	PTF
	RO78133	SUBSTR USING A SORT GETS INCORRECT RESULTS	*HIP/PRP*
	RO78150	CBS SELECT RECEIVES A RC 13 (017) WITH MULTI DATASET INDEX	PTF
	RO78206	PERFORMANCE IMPROVEMENT FOR QUIESCE AND INDEX QUEUE	PTF
	RO78557	S0C4 IN SRPSRP ON ROLBK COMMAND	*HIP/PRP*
	RO78683	CLOSE OPEN URTS WITH SQL_STATUS_URT DYNAMIC SYSTEM TABLE	PTF
	RO78697	RELEASE CICS SERVICES THREAD AT END OF APPLICATION	PTF
	RO78730	TURN OFF COUNT(*) OPTIMIZATION	PTF
	RO78731	OPTION TO TURN OFF SQL COUNT(*) OPTIMIZATION	PTF
The CA RS 1503 service count for this release is 9			

CA Datacom/DB  
CA RS 1503 Service List for CABDF00

FMID	Service	Description	Type
CABDF00	RO77658	RC 04(47) AND 13(11) AFTER THE CATALOG OF AN MDI DATABASE	PTF
	RO78150	CBS SELECT RECEIVES A RC 13 (017) WITH MULTI DATASET INDEX	PTF
	RO78206	PERFORMANCE IMPROVEMENT FOR QUIESCE AND INDEX QUEUE	PTF
	RO78730	TURN OFF COUNT(*) OPTIMIZATION	PTF

The CA RS 1503 service count for this FMID is 4

CA Datacom/DB  
CA RS 1503 Service List for CAVEF00

FMID	Service	Description	Type
CAVEF00	R078133	SUBSTR USING A SORT GETS INCORRECT RESULTS	*HIP/PRP*
	R078557	SOC4 IN SRPSRP ON ROLBK COMMAND	*HIP/PRP*
	R078683	CLOSE OPEN URTS WITH SQL_STATUS_URT DYNAMIC SYSTEM TABLE	PTF
	R078697	RELEASE CICS SERVICES THREAD AT END OF APPLICATION	PTF
	R078731	OPTION TO TURN OFF SQL COUNT(*) OPTIMIZATION	PTF
The CA RS 1503 service count for this FMID is 5			

CA Datacom/DB 15.0  
CA RS 1503 - PTF RO77658 Details

Release	Service	Details
15.0	RO77658	<p>RO77658 M.C.S. ENTRIES = ++PTF (RO77658)</p> <p>RC 04(47) AND 13(11) AFTER THE CATALOG OF AN MDI DATABASE</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>CIRCUMVENTION: Perform the MDI database catalog with no other databases present in the job.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Version 12.0 CA Datacom/DB Version 14.0 CA Datacom/DB Version 15.0</p> <p>Star Problem(s): DB 4998</p> <p>Copyright (C) 2015 CA. All rights reserved. R00112-DCM150-SP1</p> <p>DESC(RC 04(47) AND 13(11) AFTER THE CATALOG OF AN MDI DATABASE). ++VER (Z038) FMID (CABDF00) PRE ( R072240 R072571 R073777 R077059 ) SUP ( R073033 R074060 TR72466 TR73033 TR74060 TR77658 )</p>

CA Datacom/DB 15.0  
CA RS 1503 - PTF RO78133 Details

Release	Service	Details
15.0	RO78133	<p>RO78133 M.C.S. ENTRIES = ++PTF (RO78133)</p> <p>SUBSTR USING A SORT GETS INCORRECT RESULTS</p> <p>PROBLEM DESCRIPTION: Scalar function SUBSTR is not setting trailing bytes to all blanks, which causes data left over from previous rows with longer values to be included in the result when a sort is required for DISTINCT or ORDER BY.</p> <p>SYMPTOMS: The shorter row will contain the correct result of the SUBSTR for that row, but will also contain characters that are "leftover" from the longer row.</p> <p>IMPACT: The results are incorrect for any shorter rows.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 14.0 CA Datacom SQL Release 15.0</p> <p>Star Problem(s): SQL 1972</p> <p>Copyright (C) 2015 CA. All rights reserved. R00114-DCM150-SP1</p> <p>DESC(SUBSTR USING A SORT GETS INCORRECT RESULTS). ++VER (Z038) FMID (CAVEF00) SUP ( AC78136 TR78133 )</p>

CA Datacom/DB 15.0  
CA RS 1503 - PTF RO78150 Details

Release	Service	Details
15.0	RO78150	<p>RO78150 M.C.S. ENTRIES = ++PTF (RO78150)</p> <p>CBS SELECT RECEIVES A RC 13 (017) WITH MULTI DATASET INDEX</p> <p>PROBLEM DESCRIPTION:  A CBS select request may fail with a database return code 13(017). This can occur if there are multiple predicates in the selection criteria section of the RQA and these, in turn, cause CBS to use both a primary and a secondary key to traverse the index. It will only occur if these two keys do not reside in the same index dataset, because you are using the Multi-Dataset Index feature.</p> <p>SYMPTOMS:  A CBS select command fails with a database return code 13(017).</p> <p>IMPACT:  The user is not able to complete the select.</p> <p>CIRCUMVENTION:  This can be circumvented by not using a Multi-Dataset Index until this solution is applied or by reducing the complexity of the CBS selection criteria.</p> <p>PRODUCT(S) AFFECTED:  CA Datacom/DB Version 14.0  CA Datacom/DB Version 15.0</p> <p>Star Problem(s):  DB 5015</p> <p>Copyright (C) 2015 CA. All rights reserved. R00116-DCM150-SP1</p> <p>DESC(CBS SELECT RECEIVES A RC 13 (017) WITH MULTI DATASET INDEX).  ++VER (Z038)  FMID (CABDF00)  PRE ( RO72240 )  SUP ( TR78150 )</p>

CA Datacom/DB 15.0  
CA RS 1503 - PTF RO78206 Details

Release	Service	Details
15.0	RO78206	<p>RO78206 M.C.S. ENTRIES = ++PTF (RO78206)</p> <p>PERFORMANCE IMPROVEMENT FOR QUIESCE AND INDEX QUEUE</p> <p>PROBLEM DESCRIPTION: A QUIESCE request may encounter excessive wait time before it takes effect, if there is a long running index queue request active at the time the QUIESCE is issued.</p> <p>SYMPTOMS: QUIESCE requests may encounter excessive wait times before they take effect, if there is a long running index queue request. This wait is independent of any legitimate waits on active maintenance transactions or requests.</p> <p>IMPACT: The QUIESCE must wait for the current index queue request to complete before it takes effect.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0 CA Datacom/DB Release 14.0 CA Datacom/DB Version 15.0</p> <p>Star Problem(s): DB 4987</p> <p>ABEND IN DBIDSPR DUE TO STORAGE OVERLAY</p> <p>PROBLEM DESCRIPTION: The Multi-User Facility abends with a S0C1 or S0C4 in module DBIDSPR. The abend is caused by a storage overlay.</p> <p>SYMPTOMS: A Multi-User Facility S0C1 or S0C4 abend in module DBIDSPR.</p> <p>IMPACT: A Multi-User Facility outage occurs.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 14.0 CA Datacom/DB Version 15.0</p> <p>Star Problem(s): DB 4989</p> <p>Copyright (C) 2015 CA. All rights reserved. R00117-DCM150-SP1</p> <p>DESC(PERFORMANCE IMPROVEMENT FOR QUIESCE AND INDEX QUEUE). ++VER (Z038) FMID (CABDF00) PRE ( RO67423 RO68861 RO72197 RO72240 ) SUP ( RO72714 TR72714 TR78137 TR78206 )</p>

CA Datacom/DB 15.0  
CA RS 1503 - PTF RO78557 Details

Release	Service	Details
15.0	RO78557	<p>RO78557 M.C.S. ENTRIES = ++PTF (RO78557)</p> <p>S0C4 IN SRPSRP ON ROLBK COMMAND</p> <p>PROBLEM DESCRIPTION: The Multi-User Facility (MUF) abnormally terminates with S0C4 in module SRPSRP when processing a ROLBLK command.</p> <p>SYMPTOMS: MUF abends with a S0C4 in DBSRPPR module SRPSRP at offset x'0602'.</p> <p>IMPACT: MUF must be restarted or may not be able to come up, depending on where the ROLBK command originates.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL <span style="float: right;">Version 15.0</span> Star Problem(s): SQL 1983</p> <p>Copyright (C) 2015 CA. All rights reserved. R00118-DCM150-SP1</p> <p>DESC(S0C4 IN SRPSRP ON ROLBK COMMAND). ++VER (Z038) FMID (CAVEF00) PRE ( RO73203 ) SUP ( BC78136 TR78557 )</p>



CA Datacom/DB 15.0  
CA RS 1503 - PTF RO78683 Details

Release	Service	Details
15.0	RO78683	<p>RO78683 M.C.S. ENTRIES = ++PTF (RO78683)</p> <p>CLOSE OPEN URTS WITH SQL_STATUS_URT DYNAMIC SYSTEM TABLE</p> <p>PROBLEM DESCRIPTION: Deleting rows from Dynamic System Table (DST) SYSADM.SQL_STATUS_URT does not close URts with users.</p> <p>SYMPTOMS: Executing DBUTLTY functions requiring a base to be closed fail because the URts are not closed.</p> <p>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.</p> <p>CIRCUMVENTION: Close the CICS SQL URt or close the CA Datacom Server region holding URts open before attempting the DBUTLTY function.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL <span style="float: right;">Release 12.0</span> CA Datacom SQL <span style="float: right;">Release 14.0</span></p> <p>Star Problem(s): SQL 1873</p> <p>Copyright (C) 2015 CA. All rights reserved. R00119-DCM150-SP1</p> <p>DESC(CLOSE OPEN URts WITH SQL_STATUS_URT DYNAMIC SYSTEM TABLE). ++VER (Z038) FMID (CAVEF00) SUP ( TR78683 )</p>

CA Datacom/DB 15.0  
CA RS 1503 - PTF R078697 Details

Release	Service	Details								
15.0	R078697	<p>R078697 M.C.S. ENTRIES = ++PTF (R078697)</p> <p>RELEASE CICS SERVICES THREAD AT END OF APPLICATION</p> <p>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.</p> <p>SYMPTOMS: The CICS Services Facility runs out of threads and cannot send requests to MUF.</p> <p>IMPACT: All database requests hang.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">CA Datacom SQL</td> <td style="text-align: right;">Version 14.0</td> </tr> <tr> <td>CA Datacom SQL</td> <td style="text-align: right;">Version 15.0</td> </tr> <tr> <td>CA Datacom CICS Services</td> <td style="text-align: right;">Version 14.0</td> </tr> <tr> <td>CA Datacom CICS Services</td> <td style="text-align: right;">Version 15.0</td> </tr> </table> <p>Star Problem(s): SQL 1977</p> <p>Copyright (C) 2015 CA. All rights reserved. R00120-DCM150-SPI</p> <p>DESC(RELEASE CICS SERVICES THREAD AT END OF APPLICATION). ++VER (Z038) FMID (CAVEF00) PRE ( R067512 ) SUP ( TR78697 )</p>	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
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									

CA Datacom/DB 15.0  
CA RS 1503 - PTF RO78730 Details

Release	Service	Details								
15.0	RO78730	<p>RO78730 M.C.S. ENTRIES = ++PTF (RO78730)</p> <p>TURN OFF COUNT(*) OPTIMIZATION</p> <p>PROBLEM DESCRIPTION:</p> <p>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.</p> <p>SYMPTOMS:</p> <p>An incorrect count of rows is returned for 'COUNT(*)'.</p> <p>IMPACT:</p> <p>The impact depends on how the application uses the count.</p> <p>CIRCUMVENTION:</p> <p>The circumvention is to correct the CXX record count.</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>PRODUCT(S) AFFECTED:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">CA Datacom/DB</td> <td style="text-align: right;">Version 14.0</td> </tr> <tr> <td>CA Datacom/DB</td> <td style="text-align: right;">Version 15.0</td> </tr> <tr> <td>CA Datacom SQL</td> <td style="text-align: right;">Version 14.0</td> </tr> <tr> <td>CA Datacom SQL</td> <td style="text-align: right;">Version 15.0</td> </tr> </table> <p>Star Problem(s):</p> <p>DB 5020</p> <p>Copyright (C) 2015 CA. All rights reserved. R00122-DCM150-SP1</p> <p>DESC(TURN OFF COUNT(*) OPTIMIZATION).            ++VER (Z038)            FMID (CABDF00)            PRE ( RO72197 RO77059 )            SUP ( TR78730 )            ++HOLD (RO78730) SYSTEM FMID(CABDF00)            REASON (DOC ) DATE (15050)            COMMENT (            +-----+              CA-Datacom/DB Version 15.0              +-----+            *****            * PUBLICATION *            *****            See PRODUCT DOCUMENTATION CHANGE (PDC) RI78556 for documentation of            this enhancement.            ).</p>	CA Datacom/DB	Version 14.0	CA Datacom/DB	Version 15.0	CA Datacom SQL	Version 14.0	CA Datacom SQL	Version 15.0
CA Datacom/DB	Version 14.0									
CA Datacom/DB	Version 15.0									
CA Datacom SQL	Version 14.0									
CA Datacom SQL	Version 15.0									

CA Datacom/DB 15.0  
CA RS 1503 - PTF RO78731 Details

Release	Service	Details
15.0	RO78731	<p>RO78731 M.C.S. ENTRIES = ++PTF (RO78731)</p> <p>OPTION TO TURN OFF SQL COUNT(*) OPTIMIZATION</p> <p>PROGRAM DESCRIPTION: This solution provides a Multi-User Facility (MUF) option SQL_COUNT_OPT_OFF to turn off the optimization provided in PTF R050843 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.</p> <p>SYMPTOMS: The value returned for COUNT(*) is incorrect.</p> <p>IMPACT: The wrong count is returned.</p> <p>CIRCUMVENTION: Add a predicate that is always true, like WHERE 1=1.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL <span style="float: right;">Version 14.0</span> CA Datacom SQL <span style="float: right;">Version 15.0</span></p> <p>Star Problem(s): SQL 1978</p> <p>Copyright (C) 2015 CA. All rights reserved. R00123-DCM150-SP1</p> <p>DESC(OPTION TO TURN OFF SQL COUNT(*) OPTIMIZATION). ++VER (Z038) FMID (CAVEF00) SUP ( TR78731 ) ++IF FMID(CABDF00) REQ( RO78730) .</p>