

CA Datacom/DB 15.0
CA RS 1610 Service List

Release	Service	Description	Type
15.0	R091216	ENHANCEMENT FOR MESSAGE DB10053E	PTF
	R091580	SQLCODE -570 USING SQL WEB CONNECT WITH CICS OR SERVER	PTF
	R091649	RARE RESTART PROBLEM WITH MOVED ROWS (STAR, TA24)	PTF
	R091812	DIAGNOSTIC FOR SMP SRB PROCESSING IN MULTI-USER FACILITY	PTF
	R091991	SQLCODE -999 CAST UNSIGNED INTEGER TO CHAR	PTF
	R092008	INVALID RESULTS WITH FETCH AFTER R084196/R084892	*HIP/PRP*
	R092172	ENHANCEMENT TO ADD IDENTIFICATION TO DIAGNOSTIC A REPORT	PTF
The CA RS 1610 service count for this release is 7			

CA Datacom/DB
CA RS 1610 Service List for CABDF00

FMID	Service	Description	Type
CABDF00	R091216	ENHANCEMENT FOR MESSAGE DB10053E	PTF
	R091649	RARE RESTART PROBLEM WITH MOVED ROWS (STAR, TA24)	PTF
	R091812	DIAGNOSTIC FOR SMP SRB PROCESSING IN MULTI-USER FACILITY	PTF
The CA RS 1610 service count for this FMID is 3			

CA Datacom/DB
CA RS 1610 Service List for CAVEF00

FMID	Service	Description	Type
CAVEF00	R091580	SQLCODE -570 USING SQL WEB CONNECT WITH CICS OR SERVER	PTF
	R091991	SQLCODE -999 CAST UNSIGNED INTEGER TO CHAR	PTF
	R092008	INVALID RESULTS WITH FETCH AFTER R084196/R084892	*HIP/PRP*
	R092172	ENHANCEMENT TO ADD IDENTIFICATION TO DIAGNOSTIC A REPORT	PTF
The CA RS 1610 service count for this FMID is 4			

CA Datacom/DB 15.0
CA RS 1610 - PTF RO91216 Details

Release	Service	Details
15.0	RO91216	<p>RO91216 M.C.S. ENTRIES = ++PTF (RO91216)</p> <p>ENHANCEMENT FOR MESSAGE DB10053E</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>CA Datacom/DBUTLTY RESET of AREA=CXX or AREA=LXX can result in the following error message if the CA Datacom/DB Multi-User Facility (MUF) is running in SIMPLIFY mode:</p> <p>DB10053E - MUF RUNNING, FUNCTION REQUIRES MUF DOWN</p> <p>This enhancement will cause the following more accurate message to be displayed instead:</p> <p>DB13156I - RESET IGNORED SINCE MUF ENABLED</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Version 14.0</p> <p>CA Datacom/DB Version 15.0</p> <p>CA Datacom/DB Version 15.1</p> <p>Related Problem:</p> <p>DB 5179</p> <p>Copyright (C) 2016 CA. All rights reserved. R00336-DCM150-SP2</p> <p>DESC(ENHANCEMENT FOR MESSAGE DB10053E).</p> <p>++VER (Z038)</p> <p>FMID (CABDF00)</p> <p>PRE (RO72197 RO80123 RO83027 RO85366 RO89338)</p> <p>SUP (AR80123 RO87047 TR87047 TR91216)</p>

CA Datacom/DB 15.0
CA RS 1610 - PTF RO91580 Details

Release	Service	Details						
15.0	RO91580	<p>RO91580 M.C.S. ENTRIES = ++PTF (RO91580)</p> <p>SQLCODE -570 USING SQL WEB CONNECT WITH CICS OR SERVER</p> <p>PROBLEM DESCRIPTION: SQL requests issued through Dataquery or CICS using the SQL Web Connect feature fail with a SQLCODE -570 error.</p> <p>SYMPTOMS: SQL requests fail with a SQLCODE -570 error while using the SQL Web Connect feature.</p> <p>IMPACT: The queries cannot be executed successfully.</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 SQL</td> <td style="text-align: right;">Version 15.1</td> </tr> </table> <p>Related Problem: SQL 2063</p> <p>Copyright (C) 2016 CA. All rights reserved. R00345-DCM150-SP2</p> <p>DESC(SQLCODE -570 USING SQL WEB CONNECT WITH CICS OR SERVER). ++VER (Z038) FMID (CAVEF00) PRE (RO81162) SUP (TR80797 TR91580)</p>	CA Datacom SQL	Version 14.0	CA Datacom SQL	Version 15.0	CA Datacom SQL	Version 15.1
CA Datacom SQL	Version 14.0							
CA Datacom SQL	Version 15.0							
CA Datacom SQL	Version 15.1							

CA Datacom/DB 15.0
CA RS 1610 - PTF RO91649 Details

Release	Service	Details
15.0	RO91649	<p>RO91649 M.C.S. ENTRIES = ++PTF (RO91649)</p> <p>RARE RESTART PROBLEM WITH MOVED ROWS (STAR, TA24)</p> <p>PROBLEM DESCRIPTION:</p> <p>Under extremely rare circumstances, RESTART processing after an abnormal end of the CA Datacom/DB Multi-User Facility (MUF) can result in an 8-byte overlay with binary zeros at the end of certain data rows.</p> <p>The problem only affects sites either running CA Datacom STAR or using the Table Alter 24x7 (TA24) feature to change table compression without taking the corresponding base offline. These sites can experience the problem only when all of the following conditions are met:</p> <ol style="list-style-type: none"> 1) The table is defined with compression, and at the time of the MUFabend, STAR has issued UPDAT commands against it or the TA24 compression change process is running for that table. 2) The UPDAT commands from STAR or the TA24 compression change process have caused the row to grow (be less compressed) and to be moved to a different physical location, because the data block does not have enough room for the updated row. 3) The block containing the moved row has not yet been written to disk when the abnormal end of the MUF occurs. <p>The problem was discovered in inhouse testing and has not been reported by any customer at this time.</p> <p>SYMPTOMS:</p> <p>Data rows can have an overlay of binary zeros in the last 8 bytes.</p> <p>IMPACT:</p> <p>Data integrity can be compromised.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Version 15.0 CA Datacom/DB Version 15.1</p> <p>Related Problem:</p> <p>DB 5162</p> <p>Copyright (C) 2016 CA. All rights reserved. R00346-DCM150-SP2</p> <p>DESC(RARE RESTART PROBLEM WITH MOVED ROWS (STAR, TA24)). ++VER (Z038) FMID (CABDF00) PRE (RO68861 RO72240 RO74085 RO81612) SUP (RO87800 TR87800 TR91649)</p>

CA Datacom/DB 15.0
CA RS 1610 - PTF RO91812 Details

Release	Service	Details
15.0	RO91812	<p>RO91812 M.C.S. ENTRIES = ++PTF (RO91812)</p> <p>DIAGNOSTIC FOR SMP SRB PROCESSING IN MULTI-USER FACILITY</p> <p>PROBLEM DESCRIPTION: This PTF will analyze and collect performance metrics when the CA Datacom/DB Multi-User Facility (MUF) is activated in SRB mode.</p> <p>SYMPTOMS: None.</p> <p>IMPACT: None.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Version 14.0 CA Datacom/DB Version 15.0 CA Datacom/DB Version 15.1</p> <p>Related Problem: DB 5148</p> <p>Copyright (C) 2016 CA. All rights reserved. R00349-DCM150-SP2</p> <p>DESC(DIAGNOSTIC FOR SMP SRB PROCESSING IN MULTI-USER FACILITY). ++VER (Z038) FMID (CABDF00) PRE (R067423 R068861 R072081 R072197 R072240 R072244 R073777 R074331 R077059 R078206 R079688 R081127 R081612 R081931 R087023 R087938 R089818) SUP (AR87472 EC80958 R074875 R079539 R081000 R083755 R087217 R087472 R088081 R090728 TR74875 TR79539 TR81000 TR83755 TR87217 TR87472 TR88081 TR90728 TR91812)</p>

CA Datacom/DB 15.0
CA RS 1610 - PTF RO91991 Details

Release	Service	Details
15.0	RO91991	<p>RO91991 M.C.S. ENTRIES = ++PTF (RO91991)</p> <p>SQLCODE -999 CAST UNSIGNED INTEGER TO CHAR</p> <p>PROBLEM DESCRIPTION: CAST of an unsigned integer or smallint to char fails.</p> <p>SYMPTOMS: The query fails with SQLCODE -999 UNRECOGNIZED DATATYPE IN NUMBER-TO-CHAR CO.</p> <p>IMPACT: The query cannot be bound.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 14.0 CA Datacom SQL Release 15.0 CA Datacom SQL Release 15.1</p> <p>Related Problem: SQL 2065</p> <p>Copyright (C) 2016 CA. All rights reserved. R00351-DCM150-SP2</p> <p>DESC(SQLCODE -999 CAST UNSIGNED INTEGER TO CHAR). ++VER (Z038) FMID (CAVEF00) PRE (RO74860) SUP (AR80771 CC78136 RO80771 RO80872 RO82479 TR80771 TR80872 TR82479 TR91991)</p>

CA Datacom/DB 15.0
CA RS 1610 - PTF RO92008 Details

Release	Service	Details						
15.0	RO92008	<p>RO92008 M.C.S. ENTRIES = ++PTF (RO92008)</p> <p>INVALID RESULTS WITH FETCH AFTER RO84196/RO84892</p> <p>PROBLEM DESCRIPTION:</p> <p>FETCH CURSOR does not work correctly after PTF RO84196 (14.0) or RO84892 (15.0) is applied. This only occurs when the reserved 2 bytes for DBCAFLG3 (offset x'16' in the SQLCA) is not initially cleared to binary zeros. For example, the SQLCA might be allocated in uninitialized memory. These PTFs use bits in this area that can affect FETCH processing.</p> <p>SYMPTOMS:</p> <p>Symptoms can vary, but may include incorrect rows being returned or no data at all being returned.</p> <p>IMPACT:</p> <p>FETCH does not work correctly sometimes.</p> <p>CIRCUMVENTION:</p> <p>Clear these 2 bytes at program initialization.</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 SQL</td> <td style="text-align: right;">Version 15.1</td> </tr> </table> <p>Related Problem:</p> <p>SQL 2060</p> <p>Copyright (C) 2016 CA. All rights reserved. R00352-DCM150-SP2</p> <p>DESC(INVALID RESULTS WITH FETCH AFTER RO84196/RO84892). ++VER (Z038) FMID (CAVEF00) PRE (RO71592 RO84892) SUP (AR84892 TR91225 TR92008)</p>	CA Datacom SQL	Version 14.0	CA Datacom SQL	Version 15.0	CA Datacom SQL	Version 15.1
CA Datacom SQL	Version 14.0							
CA Datacom SQL	Version 15.0							
CA Datacom SQL	Version 15.1							

CA Datacom/DB 15.0
CA RS 1610 - PTF RO92172 Details

Release	Service	Details
15.0	RO92172	<p>RO92172 M.C.S. ENTRIES = ++PTF (RO92172)</p> <p>ENHANCEMENT TO ADD IDENTIFICATION TO DIAGNOSTIC A REPORT</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>DIAGNOSTIC A generates the execution portion of the SQL Optimization Report when the number of rejected rows exceeds the specified value. This can be used to monitor SQL activity to discover inefficient queries.</p> <p>The triggered report shows the authid.planName.stmtId and SQL source statement, but it can be difficult to relate the query back to an application or user. So this enhancement adds displaying:</p> <ol style="list-style-type: none"> 1. Date and time 2. Job Name 3. Accessor-id <p>Example of the 3 added lines: (blank line)</p> <pre>--- SQL OPTIMIZATION REPORT --- STAMP: 2016-08-26 16.25.08 JobName: WFT1987 ACCESSOR-ID: SYSADM PRODUCT(S) AFFECTED: CA Datacom SQL Release 14.0 CA Datacom SQL Release 15.0 CA Datacom SQL Release 15.1</pre> <p>Related Problem: SQL 2064</p> <p>Copyright (C) 2016 CA. All rights reserved. R00355-DCM150-SP2</p> <p>DESC(ENHANCEMENT TO ADD IDENTIFICATION TO DIAGNOSTIC A REPORT). ++VER (Z038) FMID (CAVEF00) PRE (R081162 R083166 R084892 R090272) SUP (R085798 R091580 TR80797 TR85798 TR91580 TR92172)</p>