

**CA Datacom/DB 15.0
CA RS 1506 Service List**

Release	Service	Description	Type
15.0	RO80123	INCOMPLETE BACKWARD RECOVERY WITH MULTIPLE RECJOB CARDS	PTF
	RO80872	SQLCODE -161 OR -4 AFTER RO80292/RO80771	** PRP **
	RO80917	CA DATACOM DBUTLTY LOADS RUN SIGNIFICANTLY SLOWER	*HIP/PRP*
	RO81000	LOOP IN INDEX QUEUE PROCESSING	PTF
	RO81127	HEALTH CHECKER DTCM_DB_CF_LIST_STR_SZ EXCEPTION	PTF
	RO81155	SOC4 IN DBSUBPR OR DBBFMPR	PTF
	RO81240	CDCL_CLOSE OR CDCL_OPEN CAUSE MUF TO ABEND IN DBCOMPR	PTF
	RO81285	MUF ABEND IN DBUPDPR, SOC4 OR SOC1	*HIP/PRP*
	RO81525	DB13012E - INSUFFICIENT SPACE WITH RO74339 AND RO70964 ON	PTF
The CA RS 1506 service count for this release is 9			

CA Datacom/DB
CA RS 1506 Service List for CABDF00

FMID	Service	Description	Type
CABDF00	RO80123	INCOMPLETE BACKWARD RECOVERY WITH MULTIPLE RECJOB CARDS	PTF
	RO80917	CA DATACOM DBUTLTY LOADS RUN SIGNIFICANTLY SLOWER	*HIP/PRP*
	RO81000	LOOP IN INDEX QUEUE PROCESSING	PTF
	RO81127	HEALTH CHECKER DTCM_DB_CF_LIST_STR_SZ EXCEPTION	PTF
	RO81155	S0C4 IN DBSUBPR OR DBBFMPR	PTF
	RO81240	CDCL_CLOSE OR CDCL_OPEN CAUSE MUF TO ABEND IN DBCOMPR	PTF
	RO81285	MUF ABEND IN DBUPDPR, S0C4 OR S0C1	*HIP/PRP*
	RO81525	DB13012E - INSUFFICIENT SPACE WITH RO74339 AND RO70964 ON	PTF
The CA RS 1506 service count for this FMID is 8			

CA Datacom/DB
CA RS 1506 Service List for CAVEF00

FMID	Service	Description	Type
CAVEF00	R080872	SQLCODE -161 OR -4 AFTER R080292/R080771	** PRP **
The CA RS 1506 service count for this FMID is 1			

CA Datacom/DB 15.0
CA RS 1506 - PTF RO80123 Details

Release	Service	Details																											
15.0	RO80123	<p>RO80123 M.C.S. ENTRIES = ++PTF (RO80123)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> 1. INCOMPLETE BACKWARD RECOVERY WITH MULTIPLE RECJOB CARDS 2. ALLOW EMPTY RXX SPILL DATASET CREATION 3. RETIX RC 89 (151) <p>=====</p> <p>INCOMPLETE BACKWARD RECOVERY WITH MULTIPLE RECJOB CARDS</p> <p>PROBLEM DESCRIPTION:</p> <p>Datacom/DBUTLTY Backward Recovery function with multiple RECJOB cards may not backout all the jobs specified in the RECJOB statements. The problem can occur if the RECJOB cards have the JOBNAME not in ascending order and one or more of the REJOB cards has other options than JOBNAME.</p> <p>SYMPTOMS:</p> <p>Recovery finishes successfully for some jobs but for others the following sample report might appear in the output.</p> <p>JOBS NOT FOUND ON RECOVERY FILE</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">JOB NAME</th> <th style="text-align: left;">DATE</th> <th style="text-align: left;">START TIME</th> <th style="text-align: left;">STOP TIME</th> <th style="text-align: left;">RUN UNIT</th> </tr> </thead> <tbody> <tr> <td>XXXXXXXX</td> <td>mm/dd/yy</td> <td>hh.mm.ss</td> <td>hh.mm.ss</td> <td></td> </tr> <tr> <td>YYYYYYYY</td> <td>mm/dd/yy</td> <td>hh.mm.ss</td> <td>hh.mm.ss</td> <td></td> </tr> </tbody> </table> <p>Even though at least one of the jobs does have data on the RXX tape.</p> <p>IMPACT:</p> <p>Failed recovery for some of the jobs is possible.</p> <p>CIRCUMVENTION:</p> <p>Review the report and run BACKWARD RECOVERY for the jobs that exist on the RXX tape but were not backed out.</p> <p>PRODUCT(S) AFFECTED:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>CA Datacom/DB</td> <td style="text-align: right;">Release 14.0</td> </tr> <tr> <td>CA Datacom/DB</td> <td style="text-align: right;">Version 15.0</td> </tr> </table> <p>Related Problem:</p> <p>DB 5038</p> <p>=====</p> <p>ALLOW EMPTY RXX SPILL DATASET CREATION</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>CA Datacom/DB DBUTLTY Spill function SPILLOPT has been given a new keyword option (OPTION2=FORCERXX). This new option tells DBUTLTY that the user wants a RXX dataset written even if the LXX is currently empty and not subject to a spill. The RXX dataset will be built as empty and there will be no SPILL history record created (if SPILL history is enabled). The DBUTLTY RECOVERY functions will be able to read the new empty RXX dataset without error.</p> <p>PRODUCT(S) AFFECTED:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>CA Datacom/DB</td> <td style="text-align: right;">Release 14.0</td> </tr> <tr> <td>CA Datacom/DB</td> <td style="text-align: right;">Version 15.0</td> </tr> </table> <p>Related Problem:</p> <p>DB 5013</p> <p>=====</p> <p>RETIX RC 89 (151)</p> <p>PROBLEM DESCRIPTION:</p> <p>The DBUTLTY RETIX function may abort with a RC 89(151) if the value specified for the SORT= parameter is very large.</p> <p>SYMPTOMS:</p> <p>DBUTLTY RETIX aborts with the following message:</p> <p>DB13001E - UNEXPECTED RETURN CODE 89 (151) INSUFFICIENT MEMORY</p> <p>ABNORMAL TERMINATION DUE TO ERROR(S)</p> <p>IMPACT:</p> <p>The user may not be able to run a DBUTLTY RETIX against areas or bases when specifying a very large SORT= value, which may be needed due the number of keys involved.</p> <p>CIRCUMVENTION:</p> <p>If the value specified for SORT= is higher than necessary, specify a lower value.</p> <p>PRODUCT(S) AFFECTED:</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td>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> </table> <p>Related Problem:</p>	JOB NAME	DATE	START TIME	STOP TIME	RUN UNIT	XXXXXXXX	mm/dd/yy	hh.mm.ss	hh.mm.ss		YYYYYYYY	mm/dd/yy	hh.mm.ss	hh.mm.ss		CA Datacom/DB	Release 14.0	CA Datacom/DB	Version 15.0	CA Datacom/DB	Release 14.0	CA Datacom/DB	Version 15.0	CA Datacom/DB	Version 14.0	CA Datacom/DB	Version 15.0
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CA Datacom/DB 15.0
 CA RS 1506 - PTF RO80123 Details

Release	Service	Details
		<pre> DB 5045 Copyright (C) 2015 CA. All rights reserved. R00135-DCM150-SP1 DESC(INCOMPLETE BACKWARD RECOVERY WITH MULTIPLE RECJOB CARDS). ++VER (Z038) FMID (CABDF00) PRE (R072197) SUP (TR80123) ++HOLD (RO80123) SYSTEM FMID(CABDF00) REASON (DOC) DATE (15121) COMMENT (+-----+ CA Datacom/DB Version 15.0 +-----+ ***** * PUBLICATION * ***** Please see the associated Product Documentation Change (PDC) published as RI80851.).</pre>

CA Datacom/DB 15.0
CA RS 1506 - PTF RO80872 Details

Release	Service	Details
15.0	RO80872	<p>RO80872 M.C.S. ENTRIES = ++PTF (RO80872)</p> <p>SQLCODE -161 OR -4 AFTER RO80292/RO80771</p> <p>PROBLEM DESCRIPTION: After applying RO80292 for CA Datacom SQL, (SQL), Version 14.0 or RO80771 for SQL Version 15.0, queries requiring conversion to or from packed or zoned decimal may be rejected with SQLCODE -161 or -4.</p> <p>SYMPTOMS: Queries using decimal conversion are rejected with SQLCODE -161 or -4.</p> <p>IMPACT: Affected queries cannot execute.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Version 14.0 CA Datacom SQL Version 15.0</p> <p>Related Problem: SQL 1995</p> <p>Copyright (C) 2015 CA. All rights reserved. R00145-DCM150-SP1</p> <p>DESC(SQLCODE -161 OR -4 AFTER RO80292/RO80771). ++VER (Z038) FMID (CAVEF00) PRE (RO74860) SUP (AR80771 RO80771 TR80771 TR80872)</p>

CA Datacom/DB 15.0
CA RS 1506 - PTF RO80917 Details

Release	Service	Details
15.0	RO80917	<p>RO80917 M.C.S. ENTRIES = ++PTF (RO80917)</p> <p>CA DATACOM DBUTLTY LOADS RUN SIGNIFICANTLY SLOWER</p> <p>PROBLEM DESCRIPTION: CA Datacom/DB DBUTLTY LOAD functions run significantly longer in Versions 14.0 and 15.0 than they did in Release 12.0.</p> <p>SYMPTOMS: Noticeable increase in DBUTLTY LOAD run time.</p> <p>IMPACT: Ability to access the data in the database being loaded is significantly delayed.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 14.0 CA Datacom/DB Version 15.0</p> <p>Related Problem: DB 5012</p> <p>Copyright (C) 2015 CA. All rights reserved. R00146-DCM150-SP1</p> <p>DESC(CA DATACOM DBUTLTY LOADS RUN SIGNIFICANTLY SLOWER). ++VER (Z038) FMID (CABDF00) SUP (AC80958 TR80917)</p>

CA Datacom/DB 15.0
CA RS 1506 - PTF RO81000 Details

Release	Service	Details
15.0	RO81000	<p>RO81000 M.C.S. ENTRIES = ++PTF (RO81000)</p> <p>LOOP IN INDEX QUEUE PROCESSING</p> <p>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.</p> <p>SYMPTOMS: The MUF CPU time is much higher than normal and the MUF is unresponsive to application requests, i.e. they appear to hang.</p> <p>IMPACT: The MUF must be cycled to clear the condition resulting in an unplanned MUF outage.</p> <p>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.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Version 14.0 CA Datacom/DB Version 15.0</p> <p>Related Problem: DB 5000</p> <p>Copyright (C) 2015 CA. All rights reserved. R00147-DCM150-SP1</p> <p>DESC(LOOP IN INDEX QUEUE PROCESSING). ++VER (Z038) FMID (CABDF00) PRE (RO72240 RO77059) SUP (TR81000)</p>

CA Datacom/DB 15.0
CA RS 1506 - PTF RO81127 Details

Release	Service	Details
15.0	RO81127	<p>RO81127 M.C.S. ENTRIES = ++PTF (RO81127)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> 1. HEALTH CHECKER DTCM_DB_CF_LIST_STR_SZ EXCEPTION 2. NATIVE EXTRACT/BACKUP W/FIRSTKEY FAILS OR EXTRACT 0 RECORDS 3. COUPLER LOCK TRACING IMPROVEMENTS 4. ENHANCE DBUTLTY 'EXTRACT' TO IDENTIFY DAMAGED DATA BLOCKS <p>=====</p> <p>HEALTH CHECKER DTCM_DB_CF_LIST_STR_SZ EXCEPTION</p> <p>PROBLEM DESCRIPTION:</p> <p>The Datacom DTCM_DB_CF_LIST_STR_SZ health check may report too high a value for the needed coupler list structure size "By Configuration." This can occur if the CA Datacom/DB Multi-User Facility (MUF) has both DATA and DATA2 specified on the DATAPOOL startup option, and jobs are run using additional SEQBUFS against a table in an area with a block size greater than the "dataaln" value specified in the DATAPOOL startup option.</p> <p>SYMPTOMS:</p> <p>The Datacom DTCM_DB_CF_LIST_STR_SZ health check may report too high a value for the needed coupler list structure size "By Configuration." This may cause this health check to have a high severity exception including a "DBH6005E Risk of MUFPLEX failure because Coupling Facility Structure ... is too small" message.</p> <p>IMPACT:</p> <p>The Datacom DTCM_DB_CF_LIST_STR_SZ health check may enter a status of exception-high even though the underlying list structure size is sufficient.</p> <p>CIRCUMVENTION:</p> <p>Temporarily deactivate the DTCM_DB_CF_LIST_STR_SZ health check.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Version 14.0 CA Datacom/DB Version 15.0</p> <p>Related Problem:</p> <p>DB 5043</p> <p>=====</p> <p>NATIVE EXTRACT/BACKUP W/FIRSTKEY FAILS OR EXTRACT 0 RECORDS</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Datacom/DBUTLTY NATIVE BACKUP/EXTRACT using FIRSTKEY may not Backup or Extract any records or may abend with a Program Check in DBUTBPR. Program Check in other modules is also possible.</p> <p>SYMPTOMS:</p> <p>Following symptoms have been observed.</p> <ol style="list-style-type: none"> 1) Native Extract or Backup may complete normally with 0 records Backed up or Extracted. 2) The DBUTLTY aborts with a SOC4 in DBUTBPR. <p>IMPACT:</p> <p>User may not be able to use FIRSTKEY parameter to do the Native Backup or Extract.</p> <p>CIRCUMVENTION:</p> <p>Don't use FIRSTKEY parameter.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Release 14.0 CA Datacom/DB Version 15.0</p> <p>Related Problem:</p> <p>DB 5053</p> <p>=====</p> <p>COUPLER LOCK TRACING IMPROVEMENTS</p> <p>PROBLEM DESCRIPTION:</p> <p>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.</p> <p>SYMPTOMS:</p> <p>A DBUTLTY SPILL job hangs waiting on a coupler lock. A STATUS command shows the job in status:</p>

CA Datacom/DB 15.0
 CA RS 1506 - PTF RO81127 Details

Release	Service	Details
		<p>PLEX LIST -DBLC DBUTLTY SPILL</p> <p>The hanging spill causes all maintenance (update) activity to hang in all members of the MUFplex in various wait states.</p> <p>IMPACT:</p> <p>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.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Version 14.0</p> <p>CA Datacom/DB Version 15.0</p> <p>Related Problem:</p> <p>DB 5014</p> <p>=====</p> <p>ENHANCE DBUTLTY 'EXTRACT' TO IDENTIFY DAMAGED DATA BLOCKS</p> <p>PROBLEM DESCRIPTION:</p> <p>A new CA Datacom/DB DBUTLTY capability to identify damaged or corrupted data blocks is being added to the 'EXTRACT' function.</p> <p>SYMPTOMS:</p> <p>None. This is a DBUTLTY EXTRACT function enhancement.</p> <p>IMPACT:</p> <p>None.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Release 14.0</p> <p>CA Datacom/DB Release 15.0</p> <p>Related Problem:</p> <p>DB 4981</p> <p>Copyright (C) 2015 CA. All rights reserved. R00150-DCM150-SP1</p> <p>DESC(HEALTH CHECKER DTCM_DB_CF_LIST_STR_SZ EXCEPTION).</p> <p>++VER (Z038)</p> <p>FMID (CABDF00)</p> <p>PRE (R068861 RO72197 RO72240 RO72244 RO74085)</p> <p>SUP (RO74070 TR68937 TR68939 TR74070 TR81039 TR81123</p> <p>TR81127)</p>

CA Datacom/DB 15.0
CA RS 1506 - PTF RO81155 Details

Release	Service	Details
15.0	RO81155	<p>RO81155 M.C.S. ENTRIES = ++PTF (RO81155)</p> <p>S0C4 IN DBSUBPR OR DBBFMPR</p> <p>PROBLEM DESCRIPTION:</p> <p>There is a problem in query optimization code for queries issued by SQL in a very specific case. For the query to hit this error, all the following conditions must be present:</p> <ol style="list-style-type: none"> 1. The query is not against a Dynamic System Table. 2. The query is against a table in a single-table area. 3. The query does not include a WHERE or ON clause that restricts the table. 4. The query includes a GROUP BY, ORDER BY, DISTINCT or UNION that cannot be satisfied by any key in the table. Thus the entire table must be sorted. 5. The Isolation Level of the query is not R (repeatable read). <p>In addition, the problem will only occur in 14.0 if PTF R071451 is applied. In 15.0 the problem occurs at the base GA code level.</p> <p>SYMPTOMS:</p> <p>The CA Datacom/DB Multi-User Facility (MUF) may abort with a S0C4 in module DBSUBPR at or around offset x'2E28' or in module DBBFMPR at or around offset x'458E'.</p> <p>IMPACT:</p> <p>A MUF outage is possible.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Release 14.0 CA Datacom/DB Release 15.0</p> <p>Related Problem: DB 4976</p> <p>Copyright (C) 2015 CA. All rights reserved. R00151-DCM150-SP1</p> <p>DESC(S0C4 IN DBSUBPR OR DBBFMPR). ++VER (Z038) FMID (CABDF00) PRE (RO72240) SUP (TR81155)</p>

CA Datacom/DB 15.0
CA RS 1506 - PTF RO81240 Details

Release	Service	Details
15.0	RO81240	<p>RO81240 M.C.S. ENTRIES = ++PTF (RO81240)</p> <p>CDCL_CLOSE OR CDCL_OPEN CAUSE MUF TO ABEND IN DBCOMPR</p> <p>PROBLEM DESCRIPTION: Multi-user Facility (MUF) aborts with a S0C4 in DBCOMPR when console command CDCL_CLOSE or CDCL_OPEN is issued.</p> <p>SYMPTOMS: MUF aborts with a S0c4 in DBCOMPR when either CDCL_CLOSE or CDCL_OPEN commands is issued from console.</p> <p>IMPACT: MUF outage is possible.</p> <p>CIRCUMVENTION: none</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 14.0 CA Datacom/DB Version 15.0</p> <p>Related Problem: DB 5036</p> <p>Copyright (C) 2015 CA. All rights reserved. R00155-DCM150-SP1</p> <p>DESC(CDCL_CLOSE OR CDCL_OPEN CAUSE MUF TO ABEND IN DBCOMPR). ++VER (Z038) FMID (CABDF00) PRE (RO72240 RO79539) SUP (TR81240)</p>

CA Datacom/DB 15.0
CA RS 1506 - PTF RO81285 Details

Release	Service	Details
15.0	RO81285	<p>RO81285 M.C.S. ENTRIES = ++PTF (RO81285)</p> <p>MUF ABEND IN DBUPDPR, SOC4 OR SOC1</p> <p>PROBLEM DESCRIPTION:</p> <p>The CA Datacom/DB Multi-User Facility (MUF) abends with a SOC1 or SOC4 in module DBUPDPR. This may occur when all of the following conditions are met:</p> <ol style="list-style-type: none"> 1. An UPDAT command is issued against a table in a non-URI area. 2. The table is compressed and the update causes the compressed row to grow so that it no longer fits in its original block, leading to a moved record. 3. The data buffers reside above the bar in 64-bit memory. <p>Once this abend occurs the MUF restart may also encounter the abend.</p> <p>SYMPTOMS:</p> <p>MUF can abend in module DBUPDPR with either a SOC4 near offset x'254C' or a SOC1 near offset X'00B8'.</p> <p>IMPACT:</p> <p>A MUF outage is possible.</p> <p>CIRCUMVENTION:</p> <p>Specify 31 for the 64-bit operand on the DATAPOOL Multi-User startup option. This operand is the 5th parameter on the DATAPOOL option.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Version 15.0</p> <p>Related Problem:</p> <p>DB 5056</p> <p>Copyright (C) 2015 CA. All rights reserved. R00156-DCM150-SP1</p> <p>DESC(MUF ABEND IN DBUPDPR, SOC4 OR SOC1).</p> <p>++VER (Z038)</p> <p>FMID (CABDF00)</p> <p>PRE (RO72197)</p> <p>SUP (BC80958 RO73989 TR73989 TR81285)</p>

CA Datacom/DB 15.0
CA RS 1506 - PTF RO81525 Details

Release	Service	Details
15.0	RO81525	<p>RO81525 M.C.S. ENTRIES = ++PTF (RO81525)</p> <p>DB13012E - INSUFFICIENT SPACE WITH RO74339 AND RO70964 ON PROBLEM DESCRIPTION: CA Datacom/DBUTLTY LOAD from a BACKUP may abort with the following message even with Apars RO74339 and RO70964 applied. DB13012E - INSUFFICIENT SPACE IN XXX AREA SYMPTOMS: DBUTLTY LOAD from a backup fails with the following message. DB13012E - INSUFFICIENT SPACE IN XXX AREA IMPACT: A DB Area can not be LOADED from the backup. CIRCUMVENTION: Run DBUTLTY INIT to initialize the Data Area with more tracks and then LOAD from the Backup. PRODUCT(S) AFFECTED: CA Datacom/DB Release 14.0 CA Datacom/DB Version 15.0 Related Problem: DB 5054 Copyright (C) 2015 CA. All rights reserved. R00157-DCM150-SP1</p> <p>DESC(DB13012E - INSUFFICIENT SPACE WITH RO74339 AND RO70964 ON). ++VER (Z038) FMID (CABDF00) SUP (RO74016 RO74448 TR74016 TR74448 TR81525)</p>