

CA Datacom/DB 14.0
CA RS 1312 Service List

Release	Service	Description	Hiper
14.0	RO51282	DBUTLTY EOJ_REPORT/REPORT_X MAY ABEND WITH SOC4 IN DBMRPPR	
	RO53769	RC 13(05),21(04) AND OTHERS WITH DATANE REPORT	
	RO58591	NO ROWS FOUND USING COLUMN LIKE ? WITH ODBC/JDBC	
	RO60293	CANCELING DBUTLTY CAUSES AN UNNECESSARY RC 84 DUMP	
	RO60300	POOR PERFORMANCE WITH NON-EQ PREDICATES	
	RO60448	RANDOM DBUTLTY MULTI-USER FUNCTION S000 U0004 ABENDS	
	RO60528	RC 91(106) INVALID NUMBER IN RQA WITH COMPLEX QUERY	
	RO60672	DBUTLTY COMM CLOSE GETS RC46 FROM PHANTOM THREAD	
	RO60878	LEFT JOIN CONVERTED TO INNER JOIN WITH VIEW	
	RO61058	CORRECT SELECTED CABDSAMP JCL MEMBERS	
	RO61059	CORRECT SELECTED CABDSAMP JCL MEMBERS	
	RO61155	HONOR REQUEST ABORT DURING SORT CONSOLIDATION	
	RO61182	POTENTIAL INDEX PERFORMANCE PROBLEM IN SMP ENVIRONMENT	
	RO61183	INDEX PERFORMANCE DEGRADATION W/ MUTLIPLIE MULTUSE=YES LOADS	
	RO61396	MUF LOOPS DURING EOJ WHILE TRYING TO CLOSE ALL THE URTS	
	RO61435	12.0 SOLUTIONS FORWARD FIT TO 14.0	
	RO61883	MULTI-USER ABENDS IN DBRPTPR6 CBS PROG USING FST	
	RO61888	DBUTLTY LOAD OF A COVERED AREA NOT WORKING WITH SIMPLIFY	
	RO62068	MULTI-USER FACILITY ABENDS WITH A SOC4 AT DBUPDPR+455E	
	RO62077	DB00229E FATAL ERROR IN BFW WITH MULTIPLE IXXAREA=*** INITS	
	RO62803	-999 MISC MEM_CHAIN INVALID WITH CREATE VIEW	
	RO62856	DBUTLTY S002-18 ABEND ON URI=NO, RECID=YES AREA BACKUPS	
	RO63198	DB21032W MESSAGE INCORRECT	
	RO63823	SERIOUS PROBLEM AFFECTING HIGH USE MARK ONLY IN MUFFLEX	**HIPER**
The CA RS 1312 service count for this release is 24			

CA Datacom/DB 12.0
CA RS 1312 Service List

Release	Service	Description	Hiper
12.0	RO29504	CAST WITHOUT CONVERSION PERFORMANCE	
	RO43481	DQ899E AFTER APPLYING TRANSACTIONS FOR DDSDCLM	
	RO48020	DB00229E - FATAL INTERNAL ERROR -JOB TERMINATED IOM-F68	
	RO53767	RC 13(05),21(04) AND OTHERS WITH DATANE REPORT	
	RO58110	S0C4 UPDATING VARCHAR FIELD	
	RO59943	POTENTIAL INDEX PERFORMANCE PROBLEM IN SMP ENVIRONMENT	
	RO60419	HONOR REQUEST ABORT DURING SORT CONSOLIDATION	
	RO60449	RANDOM DBUTLTY MULTI-USER FUNCTION S000 U0004 ABENDS	
	RO60527	RC 91(106) INVALID NUMBER IN RQA WITH COMPLEX QUERY	
	RO60585	FATAL INTERNAL ERROR - XES-2E4A	**HIPER**
	RO60753	SQLCODE -161 ON COMPARISON BETWEEN CHAR AND UNSIGNED NUMERIC	
	RO60754	POOR PERFORMANCE WITH COMBINATION OF ON AND WHERE PREDICATES	
	RO61064	CANCELING DBUTLTY CAUSES AN UNNECESSARY RC 84 DUMP	
	RO61355	DYNAMIC SYSTEM TABLE ACCESS GETS RC 94(86) AFTER IPL	
	RO61433	DBUTLTY COMM CLOSE GETS RC46 FROM PHANTOM THREAD	
	RO61562	POOR PERFORMANCE WITH LARGE CBS BUFFER	
	RO61711	COPY TO PROD LOOPS	
	RO61869	MULTI-USER ABENDS IN DBRPTPR6 CBS PROG USING FST	
	RO62655	RC 04(47) DURING OPEN AFTER BACKING OUT MULTI-DATASET INDEX	
	RO62659	LEFT JOIN CONVERTED TO INNER JOIN WITH VIEW	
	RO62770	SHADOW MUF DIES WITH RC 76(09) DURING TAKEOVER	
	RO62802	-999 MISC MEM_CHAIN INVALID WITH CREATE VIEW	
	RO63196	DB21032W MESSAGE INCORRECT	
	RO64821	SERIOUS PROBLEM AFFECTING HIGH USE MARK ONLY IN MUFFLEX	**HIPER**
The CA RS 1312 service count for this release is 24			

CA Datacom/DB
CA RS 1312 Service List for CAADE00

FMID	Service	Description	Hiper
CAADE00	RO61058	CORRECT SELECTED CABDSAMP JCL MEMBERS	
The CA RS 1312 service count for this FMID is 1			

CA Datacom/DB
CA RS 1312 Service List for CABDE00

FMID	Service	Description	Hiper
CABDE00	RO51282	DBUTLTY EOJ_REPORT/REPORT_X MAY ABEND WITH SOC4 IN DBMRPPR	
	RO53769	RC 13(05),21(04) AND OTHERS WITH DATANE REPORT	
	RO60293	CANCELING DBUTLTY CAUSES AN UNNECESSARY RC 84 DUMP	
	RO60448	RANDOM DBUTLTY MULTI-USER FUNCTION S000 U0004 ABENDS	
	RO60672	DBUTLTY COMM CLOSE GETS RC46 FROM PHANTOM THREAD	
	RO61059	CORRECT SELECTED CABDSAMP JCL MEMBERS	
	RO61182	POTENTIAL INDEX PERFORMANCE PROBLEM IN SMP ENVIRONMENT	
	RO61183	INDEX PERFORMANCE DEGRADATION W/ MULTIPLE MULTUSE=YES LOADS	
	RO61396	MUF LOOPS DURING EOJ WHILE TRYING TO CLOSE ALL THE URTS	
	RO61435	12.0 SOLUTIONS FORWARD FIT TO 14.0	
	RO61883	MULTI-USER ABENDS IN DBRPTPR6 CBS PROG USING FST	
	RO61888	DBUTLTY LOAD OF A COVERED AREA NOT WORKING WITH SIMPLIFY	
	RO62068	MULTI-USER FACILITY ABENDS WITH A SOC4 AT DBUPDPR+455E	
	RO62077	DB00229E FATAL ERROR IN BFW WITH MULTIPLE IXXAREA=*** INITS	
	RO62856	DBUTLTY S002-18 ABEND ON URI=NO, RECID=YES AREA BACKUPS	
	RO63823	SERIOUS PROBLEM AFFECTING HIGH USE MARK ONLY IN MUFPLEX	**HIPER**
The CA RS 1312 service count for this FMID is 16			

CA Datacom/DB
CA RS 1312 Service List for CADC000

FMID	Service	Description	Hiper
CADC000	R043481	DQ899E AFTER APPLYING TRANSACTIONS FOR DDSCLM	
	R058110	S0C4 UPDATING VARCHAR FIELD	
	R061711	COPY TO PROD LOOPS	
The CA RS 1312 service count for this FMID is 3			

CA Datacom/DB
CA RS 1312 Service List for CAVEE00

FMID	Service	Description	Hiper
CAVEE00	RO58591	NO ROWS FOUND USING COLUMN LIKE ? WITH ODBC/JDBC	
	RO60300	POOR PERFORMANCE WITH NON-EQ PREDICATES	
	RO60528	RC 91(106) INVALID NUMBER IN RQA WITH COMPLEX QUERY	
	RO60878	LEFT JOIN CONVERTED TO INNER JOIN WITH VIEW	
	RO61155	HONOR REQUEST ABORT DURING SORT CONSOLIDATION	
	RO62803	-999 MISC MEM_CHAIN INVALID WITH CREATE VIEW	
	RO63198	DB21032W MESSAGE INCORRECT	
The CA RS 1312 service count for this FMID is 7			

CA Datacom/DB
CA RS 1312 Service List for CBDC000

FMID	Service	Description	Hiper
CBDC000	RO48020	DB00229E - FATAL INTERNAL ERROR -JOB TERMINATED IOM-F68	
	RO53767	RC 13(05),21(04) AND OTHERS WITH DATANE REPORT	
	RO59943	POTENTIAL INDEX PERFORMANCE PROBLEM IN SMP ENVIRONMENT	
	RO60449	RANDOM DBUTLTY MULTI-USER FUNCTION S000 U0004 ABENDS	
	RO60585	FATAL INTERNAL ERROR - XES-2E4A	**HIPER**
	RO61064	CANCELING DBUTLTY CAUSES AN UNNECESSARY RC 84 DUMP	
	RO61355	DYNAMIC SYSTEM TABLE ACCESS GETS RC 94(86) AFTER IPL	
	RO61433	DBUTLTY COMM CLOSE GETS RC46 FROM PHANTOM THREAD	
	RO61562	POOR PERFORMANCE WITH LARGE CBS BUFFER	
	RO61869	MULTI-USER ABENDS IN DBRPTPR6 CBS PROG USING FST	
	RO62655	RC 04(47) DURING OPEN AFTER BACKING OUT MULTI-DATASET INDEX	
	RO62770	SHADOW MUF DIES WITH RC 76(09) DURING TAKEOVER	
	RO64821	SERIOUS PROBLEM AFFECTING HIGH USE MARK ONLY IN MUFFLEX	**HIPER**
The CA RS 1312 service count for this FMID is 13			

CA Datacom/DB
CA RS 1312 Service List for CVEC000

FMID	Service	Description	Hiper
CVEC000	RO29504	CAST WITHOUT CONVERSION PERFORMANCE	
	RO60419	HONOR REQUEST ABORT DURING SORT CONSOLIDATION	
	RO60527	RC 91(106) INVALID NUMBER IN RQA WITH COMPLEX QUERY	
	RO60753	SQLCODE -161 ON COMPARISON BETWEEN CHAR AND UNSIGNED NUMERIC	
	RO60754	POOR PERFORMANCE WITH COMBINATION OF ON AND WHERE PREDICATES	
	RO62659	LEFT JOIN CONVERTED TO INNER JOIN WITH VIEW	
	RO62802	-999 MISC MEM_CHAIN INVALID WITH CREATE VIEW	
	RO63196	DB21032W MESSAGE INCORRECT	
The CA RS 1312 service count for this FMID is 8			

CA Datacom/DB 14.0
CA RS 1312 - PTF RO51282 Details

Release	Service	Details
14.0	RO51282	<p>RO51282 M.C.S. ENTRIES = ++PTF (RO51282)</p> <p>DBUTLTY EOJ_REPORT/REPORT_X MAY ABEND WITH SOC4 IN DBMRPPR</p> <p>PROBLEM DESCRIPTION: The CA Datacom/DB DBUTLTY SET OPTION1=EOJ_REPORT and EOJ_REPORT_X functions may abend with a SOC4/Protection Exception in DBMRPPR.</p> <p>SYMPTOMS: The DBUTLTY abends with a SOC4 in module DBMRPPR.</p> <p>IMPACT: The user may not be able to get the EOJ statistics for the DBUTLTY execution.</p> <p>CIRCUMVENTION: Avoid the use of SET OPTION1=EOJ_REPORT and EOJ_REPORT_X.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4680</p> <p>Copyright (C) 2013 CA. All rights reserved. R00333-DCM140-SP1</p> <p>DESC(DBUTLTY EOJ_REPORT/REPORT_X MAY ABEND WITH SOC4 IN DBMRPPR) . ++VER (Z038) FMID (CABDE00) PRE (RO37575 RO43272 RO47505) SUP (RO36931 RO48173 TR36931 TR48173 TR51282)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO53769 Details

Release	Service	Details
14.0	RO53769	<p>RO53769 M.C.S. ENTRIES = ++PTF (RO53769)</p> <p>RC 13(05),21(04) AND OTHERS WITH DATANE REPORT</p> <p>PROBLEM DESCRIPTION:</p> <p>With PTF RO51180 applied, the DBUTLTY report function DATANE may retrieve invalid data row population statistics for compressed tables or tables in a multi-table area. These invalid statistics may cause an abend with RC 13(05) or RC 21(74). Other DB return codes or an incomplete DATANE report are also possible.</p> <p>SYMPTOMS:</p> <p>The DATANE report may abort with RC 13(05) or 21(74). A user may also notice some missing or misleading statistics on the report.</p> <p>IMPACT:</p> <p>The user may not be able to get a useful DATANE report.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0 CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4743</p> <p>Copyright (C) 2013 CA. All rights reserved. R00368-DCM140-SP1</p> <p>DESC(RC 13(05),21(04) AND OTHERS WITH DATANE REPORT) . ++VER (Z038) FMID (CABDE00) PRE (RO47505 RO51343) SUP (RO41680 TR41680 TR53769)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO58591 Details

Release	Service	Details
14.0	RO58591	<p>RO58591 M.C.S. ENTRIES = ++PTF (RO58591)</p> <p>NO ROWS FOUND USING COLUMN LIKE ? WITH ODBC/JDBC</p> <p>PROBLEM DESCRIPTION: No rows are found using LIKE with a parameter marker using CA Datacom Server for ODBC or JDBC access when the LIKE pattern is shorter than the full length of the column.</p> <p>The reason is that for ODBC and JDBC queries with LIKE and a parameter marker, the pattern length is set to the column's length. For example, a pattern of "XYZ%" for a column of datatype CHAR(10) is converted to a pattern of "XYZ% ". This requires the column value to have six trailing blanks to be a match.</p> <p>This solution causes the pattern in this specific case to be sent as a VARCHAR so the exact length is used.</p> <p>SYMPTOMS: No rows or fewer rows than expected are selected.</p> <p>IMPACT: The correct rows are not returned.</p> <p>CIRCUMVENTION: Specify a pattern that is the full length of the column. Continuing the example above, the patterns "XYZ_" and "XYZ%" work.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0 CA Datacom SQL Release 14.0</p> <p>Star Problem(s): SQL 1896</p> <p>Copyright (C) 2013 CA. All rights reserved. R00431-DCM140-SP1</p> <p>DESC(NO ROWS FOUND USING COLUMN LIKE ? WITH ODBC/JDBC) . ++VER (Z038) FMID (CAVEE00) PRE (RO40578) SUP (TR58591) ++HOLD (RO58591) SYSTEM FMID(CAVEE00) REASON (SQLBIND) DATE (13254) COMMENT (Product: CA Datacom SQL Release: 14.0 Sequence: Rebind affected plans after applying solution. Purpose: Plan will be recreated to use VARCHAR LIKE pattern. Relevance: If LIKE pattern is not full column length. Knowledge required: None. Access required: SYSADM. Steps to Perform: Rebind plans. You can use DBSRFPR.).</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO60293 Details

Release	Service	Details
14.0	RO60293	<p>RO60293 M.C.S. ENTRIES = ++PTF (RO60293)</p> <p>CANCELING DBUTLTY CAUSES AN UNNECESSARY RC 84 DUMP</p> <p>PROBLEM DESCRIPTION: Canceling a DBUTLTY job can result in an invalid CA Datacom/DB (DB) return code 84 and an accompanying dump. Sometimes an S0F8 abend in DBINRPR will occur instead of the RC 84.</p> <p>SYMPTOMS: The user sees an invalid DB RC 84 message and a dump or an S0F8 abend with a dump.</p> <p>IMPACT: None.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4809</p> <p>Copyright (C) 2013 CA. All rights reserved. R00450-DCM140-SP1</p> <p>DESC(CANCELING DBUTLTY CAUSES AN UNNECESSARY RC 84 DUMP) . ++VER (Z038) FMID (CABDE00)</p> <p>PRE (R040587 R047507 R047843 R053059 R056818 R060055) SUP (R033689 R033789 R035457 R045503 R046364 R053483 R053902 R058531 TR33689 TR33789 TR35457 TR45503 TR46364 TR53483 TR53902 TR58040 TR58531 TR60293)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO60300 Details

Release	Service	Details
14.0	RO60300	<p>RO60300 M.C.S. ENTRIES = ++PTF (RO60300)</p> <p>POOR PERFORMANCE WITH NON-EQ PREDICATES</p> <p>PROBLEM DESCRIPTION:</p> <p>Most join conditions use "=" to match rows between tables and are not affected by this problem.</p> <p>But if a basic predicate other than "=" is used, the predicate is not used to restrict index scan range. So if the column is indexed, depending on the filter factor of the predicate, the query could scan many more index and data rows than required.</p> <p>Example:</p> <pre>SELECT * FROM T1 INNER JOIN T2 WHERE T1.COL1 = T2.COL1 <-- NOT AFFECTED AND T1.COL2 > T2.COL2; <-- Runs longer if T2.COL2 is indexed</pre> <p>SYMPTOMS:</p> <p>Query runs longer scanning more index and data rows. If a CBSIO limit is in effect, the query may exceed the limit and not complete.</p> <p>IMPACT:</p> <p>Such queries can become impractical, or fail, to execute.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0 CA Datacom SQL Release 14.0</p> <p>Star Problem(s): SQL 1870</p> <p>Copyright (C) 2013 CA. All rights reserved. R00451-DCM140-SP1</p> <p>DESC(POOR PERFORMANCE WITH NON-EQ PREDICATES) . ++VER (Z038) FMID (CAVEE00) PRE (RO33133 RO50843) SUP (RO54284 TR54284 TR60300)</p>

CA Datacom/DB 14.0
 CA RS 1312 - PTF RO60448 Details

Release	Service	Details
14.0	RO60448	<p>RO60448 M.C.S. ENTRIES = ++PTF (RO60448)</p> <p>RANDOM DBUTLTY MULTI-USER FUNCTION S000 U0004 ABENDS</p> <p>PROBLEM DESCRIPTION: CA Datacom/AD and CA Datacom/DB DBUTLTY executions can unexpectedly abend when both the CUSLIB and base load library (CAAXLOAD or CABDLOAD) are in the linklist.</p> <p>SYMPTOMS: Previously successful DBUTLTY executions fail with a S000 U0004, S0C4 or S0C6. On the S000 U0004 abend no SYSOUT data is produced.</p> <p>IMPACT: Once the condition occurs, all subsequent DBUTLTY executions continue to abend until the correcting solution can be implemented or one of the circumventions is performed.</p> <p>CIRCUMVENTION: Perform an LLA refresh to temporarily resolve the condition or include in the DBUTLTY job JCL a CUSLIB and base load library that have a different dataset name than the linklisted datasets.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0 CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4805</p> <p>Copyright (C) 2013 CA. All rights reserved. R00454-DCM140-SP1</p> <p>DESC(RANDOM DBUTLTY MULTI-USER FUNCTION S000 U0004 ABENDS) . ++VER (Z038) FMID (CABDE00) PRE (RO31887 RO33933 RO36029 RO36631 RO37575 RO44202 RO48009 RO53059 RO53265) SUP (RO34236 RO38729 RO48349 RO55958 TR34236 TR38729 TR48349 TR55958 TR60448)</p>

CA Datacom/DB 14.0
 CA RS 1312 - PTF RO60528 Details

Release	Service	Details
14.0	RO60528	<p>RO60528 M.C.S. ENTRIES = ++PTF (RO60528)</p> <p>RC 91(106) INVALID NUMBER IN RQA WITH COMPLEX QUERY</p> <p>PROBLEM DESCRIPTION:</p> <p>Queries with several ANDED predicates and many ORed predicates create a Request Qualification Area (RQA) that can be greater than 999 predicates when converted into the required Disjunctive Normal Form (DNF). If the total size of the RQA is too large, then the ORed predicates are removed from the RQA and left for SQL to evaluate. But if the number of predicates is greater than 999 and the RQA size is not too large, then the RQA is built incorrectly, and query processing is terminated.</p> <p>This solution eliminates the ORed predicates when the number of predicates is greater than 999 so the query can be executed.</p> <p>Usually more than 999 predicates occurs only when there are a few predicates ANDED with a large number of ORed predicates. Every ORed predicate is repeated for every ANDED predicate to give the required DNF for the RQA.</p> <p>SYMPTOMS:</p> <p>Execution of an SQL query is rejected with SQLCODE -117 with DB return code 91(106).</p> <p>IMPACT:</p> <p>The query cannot execute.</p> <p>CIRCUMVENTION:</p> <p>Converting the ORed predicates for the same column into an IN list will usually avoid this problem.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0</p> <p>Star Problem(s):</p> <p>SQL 1906</p> <p>Copyright (C) 2013 CA. All rights reserved. R00455-DCM140-SP1</p> <p>DESC(RC 91(106) INVALID NUMBER IN RQA WITH COMPLEX QUERY) .</p> <p>++VER (Z038)</p> <p>FMID (CAVEE00)</p> <p>PRE (R042592 R050843 R051307 R053622 R055447)</p> <p>SUP (R034399 R034896 TR34399 TR34896 TR60528)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO60672 Details

Release	Service	Details
14.0	RO60672	<p>RO60672 M.C.S. ENTRIES = ++PTF (RO60672)</p> <p>DBUTLTY COMM CLOSE GETS RC46 FROM PHANTOM THREAD</p> <p>PROBLEM DESCRIPTION: An abend occurred on a batch job accessing CA Datacom/DB Multi-User (DB MUF). In this case, the DB00120I JOB MISSING message was generated, but MUF failed to clean up the job. Following this job a DBUTLTY COMM CLOSE failed since this previous job never closed. This previous job may have abended a long time before the COMM CLOSE is issued. A REQABORT will not clear the condition.</p> <p>SYMPTOMS: DBUTLTY COMM CLOSE fails with DB RC 46(046) due to MUF leaving a previous job open even though it is no longer running. As successive jobs complete, the DB00120I message may be repeated referring to the original failed job.</p> <p>IMPACT: The user cannot perform utility maintenance to this base's tables and index such as a LOAD, BACKUP, REORG or RETIX.</p> <p>CIRCUMVENTION: The MUF must be cancelled and restarted.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4812</p> <p>Copyright (C) 2013 CA. All rights reserved. R00457-DCM140-SP1</p> <p>DESC(DBUTLTY COMM CLOSE GETS RC46 FROM PHANTOM THREAD) . ++VER (Z038) FMID (CABDE00) PRE (R034871) SUP (R035557 TR35557 TR60672)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO60878 Details

Release	Service	Details
14.0	RO60878	<p>RO60878 M.C.S. ENTRIES = ++PTF (RO60878)</p> <p>LEFT JOIN CONVERTED TO INNER JOIN WITH VIEW</p> <p>PROBLEM DESCRIPTION:</p> <p>The WHERE clause of a view has always been merged with the WHERE clause of the query referencing the view, but this effectively turns a LEFT join into an INNER join when the view is the right-side, non-preserved table of a LEFT join. This is because the predicate(s) of the view WHERE reject any preserved rows with null values for columns of the view.</p> <p>This solution merges the view's WHERE clause with the containing join's ON clause, so if the join is a LEFT join, it is not converted to an INNER join.</p> <p>If the view is not an operand of a join, then its WHERE clause continues to be merged with the query's WHERE clause.</p> <p>Note that unless the view has a WHERE clause, and the view is the right-side operand of a LEFT join, there is no error, and this solution has no effect.</p> <p>SYMPTOMS:</p> <p>Fewer rows are returned since non-matching rows are eliminated.</p> <p>IMPACT:</p> <p>Such queries return wrong results.</p> <p>CIRCUMVENTION:</p> <p>Move the view WHERE to the query's LEFT join ON clause.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0</p> <p>Release 14.0</p> <p>Star Problem(s):</p> <p>SQL 1907</p> <p>Copyright (C) 2013 CA. All rights reserved. R00460-DCM140-SP1</p> <p>DESC(LEFT JOIN CONVERTED TO INNER JOIN WITH VIEW) .</p> <p>++VER (Z038)</p> <p>FMID (CAVEE00)</p> <p>PRE (RO40578 RO50843 RO53018 RO53622)</p> <p>SUP (RO32734 RO41086 RO49295 TR32734 TR41086 TR49295</p> <p>TR60878)</p> <p>++HOLD (RO60878) SYSTEM FMID(CAVEE00)</p> <p>REASON (SQLBIND) DATE (13193)</p> <p>COMMENT (</p> <p>Product: CA Datacom SQL Release 14.0</p> <p>Sequence: Rebind affected plans after applying this solution</p> <p>Purpose: This will replace the old plan with a plan using the new code.</p> <p>Relevance: Apply to affected plans</p> <p>Knowledge required: The DBSRFPR SQL Rebind Facility utility can be used to perform the rebind.</p> <p>Access required: Authority to execute DBSRFPR</p> <p>Steps to Perform: Apply solution, execute DBSRFPR.</p> <p>).</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO61058 Details

Release	Service	Details
14.0	RO61058	<p>RO61058 M.C.S. ENTRIES = ++PTF (RO61058)</p> <p>CORRECT SELECTED CABDSAMP JCL MEMBERS</p> <p>PROBLEM DESCRIPTION:</p> <p>Re-deliver eight CABDSAMP JCL members, 7 CA Datacom/DB and 1 CA Datacom/DD.</p> <p>BDCICS - CHANGED R11 TO R12 IN THE *UPG* EDIT INSTRUCTION (DB)</p> <p>BDFBK01 - ADDED MISSING FLOWER BOX INSTRUCTION (DB)</p> <p>BDUPG03 - REMOVED UNUSED EDIT INSTRUCTIONS 2-6 (DB)</p> <p>BDUPG03B - REMOVED BLKSIZE=4103 FROM THE DQ DBUTLTY SYSIN STATEMENT 'BACKUP AREA=DQE...' (DB)</p> <p>BDUPG08 - REMOVED REDUNDANT CXX BACKUP STEP (DB)</p> <p>BDUPG08B - REMOVED BLKSIZE=4103 FROM THE DQ DBUTLTY SYSIN STATEMENT 'BACKUP DBID=003...' (DB)</p> <p>DDFILE - CORRECTED SAMPLE DDOL VLS FILE DD STATEMENTS (DD)</p> <p>MUFSTRTS - CHANGED THE TEMPORARY PXX IN THE DBUTLTY PXX REPORT STEP TO A PERMANENT PXX DATASET ALLOCATED BY INSTJCL (DB)</p> <p>SYMPTOMS:</p> <p>Members BDCICS, BDFBK01 and BDUPG03 may fail because of the incorrect edit instructions. Members BDUPG03B and BDUPG08B will fail with a S002-18 abend code if PTF R052133 has been applied. Sample MUF startup JCL member MUFSTRTS will abend if the PXX dataset in the JCL is a non-disk device.</p> <p>IMPACT:</p> <p>The errors, if encountered, will unnecessarily delay the successful completion of the upgrade process.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 14.0</p> <p>Star Problem(s):</p> <p>DB 4796</p> <p>Copyright (C) 2013 CA. All rights reserved. R00461-DCM140-SP1</p> <p>DESC(CORRECT SELECTED CABDSAMP JCL MEMBERS) .</p> <p>++VER (Z038)</p> <p>FMID (CAADE00)</p> <p>SUP (TR61058)</p> <p>++IF FMID(CABDE00) REQ(RO61059) .</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO61059 Details

Release	Service	Details
14.0	RO61059	<p>RO61059 M.C.S. ENTRIES = ++PTF (RO61059)</p> <p>CORRECT SELECTED CABDSAMP JCL MEMBERS</p> <p>PROBLEM DESCRIPTION:</p> <p>Re-deliver eight CABDSAMP JCL members, 7 CA Datacom/DB and 1 CA Datacom/DD.</p> <p>BDCICS - CHANGED R11 TO R12 IN THE *UPG* EDIT INSTRUCTION (DB)</p> <p>BDFBK01 - ADDED MISSING FLOWER BOX INSTRUCTION (DB)</p> <p>BDUPG03 - REMOVED UNUSED EDIT INSTRUCTIONS 2-6 (DB)</p> <p>BDUPG03B - REMOVED BLKSIZE=4103 FROM THE DQ DBUTLTY SYSIN STATEMENT 'BACKUP AREA=DQE...' (DB)</p> <p>BDUPG08 - REMOVED REDUNDANT CXX BACKUP STEP (DB)</p> <p>BDUPG08B - REMOVED BLKSIZE=4103 FROM THE DQ DBUTLTY SYSIN STATEMENT 'BACKUP DBID=003...' (DB)</p> <p>DDFILE - CORRECTED SAMPLE DDOL VLS FILE DD STATEMENTS (DD)</p> <p>MUFSTRTS - CHANGED THE TEMPORARY PXX IN THE DBUTLTY PXX REPORT STEP TO A PERMANENT PXX DATASET ALLOCATED BY INSTJCL (DB)</p> <p>SYMPTOMS:</p> <p>Members BDCICS, BDFBK01 and BDUPG03 may fail because of the incorrect edit instructions. Members BDUPG03B and BDUPG08B will fail with a S002-18 abend code if PTF R052133 has been applied. Sample MUF startup JCL member MUFSTRTS will abend if the PXX dataset in the JCL is a non-disk device.</p> <p>IMPACT:</p> <p>The errors, if encountered, will unnecessarily delay the successful completion of the upgrade process.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 14.0</p> <p>Star Problem(s):</p> <p>DB 4796</p> <p>Copyright (C) 2013 CA. All rights reserved. R00461-DCM140-SP1</p> <p>DESC(CORRECT SELECTED CABDSAMP JCL MEMBERS) .</p> <p>++VER (Z038)</p> <p>FMID (CABDE00)</p> <p>SUP (TR61059)</p> <p>++IF FMID(CAADE00) REQ(RO61058) .</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO61155 Details

Release	Service	Details
14.0	RO61155	<p>RO61155 M.C.S. ENTRIES = ++PTF (RO61155)</p> <p>HONOR REQUEST ABORT DURING SORT CONSOLIDATION</p> <p>PROBLEM DESCRIPTION:</p> <p>SQL detects that a Request Abort is in effect when a row is read from a base table and ends the request.</p> <p>This solution adds detecting a Request Abort during the sort consolidation phase where rows are merged into a longer string in the Temporary Table Manager (TTM) area.</p> <p>SYMPTOMS:</p> <p>If a sort consolidation phase is processing when the Request Abort is issued, the task will not abort immediately.</p> <p>IMPACT:</p> <p>Unless sorting millions of rows, there is very little impact since the sort consolidation phase completes quickly.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0</p> <p>CA Datacom SQL Release 14.0</p> <p>Star Problem(s):</p> <p>SQL 1902</p> <p>Copyright (C) 2013 CA. All rights reserved. R00462-DCM140-SP1</p> <p>DESC(HONOR REQUEST ABORT DURING SORT CONSOLIDATION) .</p> <p>++VER (Z038)</p> <p>FMID (CAVEE00)</p> <p>SUP (TR61155)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO61182 Details

Release	Service	Details
14.0	RO61182	<p>RO61182 M.C.S. ENTRIES = ++PTF (RO61182)</p> <p>POTENTIAL INDEX PERFORMANCE PROBLEM IN SMP ENVIRONMENT</p> <p>PROBLEM DESCRIPTION:</p> <p>When multiple CA Datacom/DB applications are doing a high volume of maintenance requests against a given database inside the Multi-User Facility (MUF) with SMPTASK specified in the MUF startup options, a potential index performance problem can occur.</p> <p>A higher than expected rate of I/O against the database's index may be observed. Depending on the level of maintenance activity, the performance may grow worse over time.</p> <p>SYMPTOMS:</p> <p>Applications perform poorly. Upon investigation, the user sees high activity on the database's index area.</p> <p>IMPACT:</p> <p>DB applications can run unexpectedly longer.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s):</p> <p>DB 4806</p> <p>Copyright (C) 2013 CA. All rights reserved. R00463-DCM140-SP1</p> <p>DESC(POTENTIAL INDEX PERFORMANCE PROBLEM IN SMP ENVIRONMENT) .</p> <p>++VER (Z038)</p> <p>FMID (CABDE00)</p> <p>SUP (RO59961 TR59961 TR61182)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO61183 Details

Release	Service	Details
14.0	RO61183	<p>RO61183 M.C.S. ENTRIES = ++PTF (RO61183)</p> <p>INDEX PERFORMANCE DEGRADATION W/ MUTLIPLI MULTUSE=YES LOADS</p> <p>PROBLEM DESCRIPTION:</p> <p>Multiple CA Datacom DBUTLTY LOADs running with MULTUSE=YES inside a Multi-User Facility (MUF) against a single database may lead sporadically to very high Index I/O rates for CA Datacom/DB applications using that database. Performance of the LOADs could also be affected. The problem is more likely when the Index includes instances of Shared Keyids.</p> <p>SYMPTOMS:</p> <p>Poor performance and a very high number of Index I/Os are observed for a database.</p> <p>IMPACT:</p> <p>DB applications using the affected database experience poor performance.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0 CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4808</p> <p>Copyright (C) 2013 CA. All rights reserved. R00464-DCM140-SP1</p> <p>DESC(INDEX PERFORMANCE DEGRADATION W/ MUTLIPLI MULTUSE=YES LOADS) . ++VER (Z038) FMID (CABDE00) PRE (R037617 R044821 R047505 R049554 R049884 R052117 R056209 R059522) SUP (R032494 R034555 R035564 R036140 R041379 R043822 R049898 R060761 TR32494 TR34084 TR34555 TR35564 TR36140 TR41379 TR43822 TR49898 TR60761 TR61183)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO61396 Details

Release	Service	Details
14.0	RO61396	<p>RO61396 M.C.S. ENTRIES = ++PTF (RO61396)</p> <p>MUF LOOPS DURING EOJ WHILE TRYING TO CLOSE ALL THE URTS</p> <p>PROBLEM DESCRIPTION: CA Datacom/DB Multi-User Facility (MUF) may loop during EOJ in URT CLOSE processing.</p> <p>SYMPTOMS: MUF loops during EOJ and will not come down normally.</p> <p>IMPACT: User will need to cancel MUF address space to bring it down.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4821</p> <p>Copyright (C) 2013 CA. All rights reserved. R00466-DCM140-SP1</p> <p>DESC(MUF LOOPS DURING EOJ WHILE TRYING TO CLOSE ALL THE URTS) . ++VER (Z038) FMID (CABDE00) PRE (RO44821) SUP (RO35760 TR35760 TR61396)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO61435 Details

Release	Service	Details																						
14.0	RO61435	<p>RO61435 M.C.S. ENTRIES = ++PTF (RO61435)</p> <p>12.0 SOLUTIONS FORWARD FIT TO 14.0</p> <p>PROBLEM DESCRIPTION: This PTF consists of a number of Version 12.0 CA Datacom/DB PTFs being forward-fit to CA Datacom/DB Version 14.0. These 9 Version 12.0 PTFs and their related Problem numbers are:</p> <table border="0"> <thead> <tr> <th data-bbox="415 365 456 386">PTF</th> <th data-bbox="659 365 748 386">PROBLEM</th> </tr> </thead> <tbody> <tr> <td data-bbox="415 394 610 415">new - 14.0 only</td> <td data-bbox="659 394 711 415">4699</td> </tr> <tr> <td data-bbox="415 424 505 445">RO41299</td> <td data-bbox="659 424 711 445">4598</td> </tr> <tr> <td data-bbox="415 453 505 474">RO46869</td> <td data-bbox="659 453 711 474">4616</td> </tr> <tr> <td data-bbox="415 483 505 504">RO47993</td> <td data-bbox="659 483 711 504">4666</td> </tr> <tr> <td data-bbox="415 512 505 533">RO50452</td> <td data-bbox="659 512 711 533">4703</td> </tr> <tr> <td data-bbox="415 541 505 562">RO54944</td> <td data-bbox="659 541 711 562">4715</td> </tr> <tr> <td data-bbox="415 571 505 592">RO52303</td> <td data-bbox="659 571 711 592">4725</td> </tr> <tr> <td data-bbox="415 600 505 621">RO54584</td> <td data-bbox="659 600 711 621">4749</td> </tr> <tr> <td data-bbox="415 630 505 651">RO56257</td> <td data-bbox="659 630 711 651">4769</td> </tr> <tr> <td data-bbox="415 659 505 680">RO56443</td> <td data-bbox="659 659 711 680">4776</td> </tr> </tbody> </table> <p>The text for each of these PTFs follows in the order listed above.</p> <p>SYMPTOMS: See individual Problem symptoms.</p> <p>IMPACT: See individual Problem impact.</p> <p>CIRCUMVENTION: See individual Problem circumvention.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4822</p> <p>DYNAMIC EXTEND OF INDEX FAILS RUNNING MUFPLEX</p> <p>PROBLEM DESCRIPTION: Code enhancement to provide starting and ending CA Datacom/DB Multi User job log messages for any request rollback processing required after an index full condition.</p> <p>SYMPTOMS: None.</p> <p>IMPACT: Additional informative Multi User job log messages provided.</p> <p>CIRCUMVENTION: Messages can be turned off using the MESSAGE Multi User startup option.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4699</p> <p>MUF ABEND WITH A FATAL INTERNAL ERROR AT DBIOMPR+742</p> <p>PROBLEM DESCRIPTION: After running two concurrent SPILL jobs, the CA Datacom/DB Multi-User Facility (MUF) can abend. In addition to the MUF abend, the two concurrent SPILL jobs will receive return code 86 (186). One of the SPILL jobs will contain a dump.</p> <p>SYMPTOMS: The user will see the following message in the MUF joblog prior to the abend: DB00229E - FATAL INTERNAL ERROR - JOB TERMINATED - IOM-0742 Following the message will be the registers and PSW of the abending program. The abending program can be either DBMUFPR or DBIOMPR. In addition to the MUF abend, one of the SPILL jobs will contain a dump and the following error messages: DB00409E - SPILL FOUND POSSIBLE BAD BLOCK, DUMP TAKEN, ERROR 008 (or 007) DB10045E - ABNORMAL TERMINATION DUE TO ERROR(S) DB00502E - REQUEST ERROR - RETURN CODE 86 (186)</p> <p>IMPACT: MUF abends and must be restarted.</p> <p>CIRCUMVENTION: Avoid starting more than one SPILL job at a time.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>Star Problem(s): DB 4598</p> <p>COMPOUND BACKWARD RECOVERY COMPLETION POSTING</p>	PTF	PROBLEM	new - 14.0 only	4699	RO41299	4598	RO46869	4616	RO47993	4666	RO50452	4703	RO54944	4715	RO52303	4725	RO54584	4749	RO56257	4769	RO56443	4776
PTF	PROBLEM																							
new - 14.0 only	4699																							
RO41299	4598																							
RO46869	4616																							
RO47993	4666																							
RO50452	4703																							
RO54944	4715																							
RO52303	4725																							
RO54584	4749																							
RO56257	4769																							
RO56443	4776																							

Release	Service	Details
		<p>PROBLEM DESCRIPTION: This fix addresses problems with backward recovery where it appears to complete successfully but is actually incomplete. The Rollback of a long running transaction that has failed in some way can require a manual execution of the CA Datacom/DB Backward Recovery function of the DBUTLTY program. If that backward recovery execution becomes force spilled and itself terminates before completion the recovery process can become confusing as to what it takes to complete the recovery and post (release) the waiting tasks. Occasionally a long running transaction can be subject to 'force spill' and should it be subject to a rollback it must be done with the DBUTLTY function RECOVERY including the keyword TSN=. The rare event may require one or more spill functions to ensure all of the transaction data is on recovery (RXX) files. It will then require special JCL setup for DBUTLTY with the transaction sequence number and the appropriate RXX files. Every RXX must be provided that can have transaction data, from the first log record to the last log record. Note that to execute properly the original transaction must still be present in its task area and have a status of waiting on exclusive control for value DBSTXB. With this true then the row's affected are protected with secondary exclusive control and will be reversed under the control of the transaction. With this case, no other TSN backward recovery executions may be in process (note exception in following paragraph). With this not true (such as the original transaction was removed by a REQABORT console-like command) then all row protections were lost and the recovery will execute as best it can as a new and different transaction. If the backward recovery is executing as the same transaction as the original task and it also becomes forced spilled and then it is terminated before completion and it also must wait for backward recovery then its work as part of the transaction will also participate in the next backward recovery. This will require that more spills may need to occur to get this work on recovery files and available to backward recovery. This additional work must be part of the same transaction backward recovery. It is possible for there to be more than one of these tasks. To make this rare process more safe and supportable additional messages have been added to the process to reflect information about activity. Also, if requirements are not met then error messages will reflect this and the recovery aborted so they can be addressed.</p> <p>SYMPTOMS: COMM STATUS can show Recovery tasks still waiting after running a backward recovery job that ends with a return code of 0.</p> <p>IMPACT: The recovery is not complete. This situation must be addressed before continuing normal application processing with the database.</p> <p>CIRCUMVENTION: Make sure all RXX datasts created during the entire lifespan of the waiting task are input in the correct order in a backward recovery job.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0 Star Problem(s): DB 4616 IMPROVE DIAGNOSTICS FOR DB00310I IF TRACKS SPILLED IS WRONG</p> <p>PROBLEM DESCRIPTION: This solution improves diagnostic information for certain SPILL cases. With the solution applied, a standalone Master List dump will be taken when the condition is detected.</p> <p>SYMPTOMS: Log SPILL message DB00310I shows an incorrect number of tracks spilled. The message shows the ending track number as 1 less than the starting track number. Example: DB00310I - LOG SPILL 27427-1, TRACKS 4247-4246</p> <p>IMPACT: SPILL information is incorrect and confusing.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0 Star Problem(s):</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO61435 Details

Release	Service	Details
		<p>DB 4666</p> <p>TASK WAIT IN MUF: WAIT E/C DBSTXB</p> <p>PROBLEM DESCRIPTION:</p> <p>The backward recovery of a long running SQL task which encounters a DB00109W Forced Spill message during the lifetime of the transaction will not release (POST) the waiting task after the backward recovery completes with a zero return code.</p> <p>SYMPTOMS:</p> <p>A CA Datacom/DB COMM STATUS report will show the task still waiting after the successful completion of a backward recovery job to reverse the transaction.</p> <p>IMPACT:</p> <p>The CA Datacom/DB Multi User will have one task unavailable for use after the backward recovery which was supposed to release the task.</p> <p>CIRCUMVENTION:</p> <p>The task can be freed by doing a TSN_ABORT COMM function on the task using CA Datacom/DB DBUTLTY.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s):</p> <p>DB 4703</p> <p>CHANGE DATA CAPTURE RECORD LOSS WHEN RUNNING LOCAL MODE</p> <p>PROBLEM DESCRIPTION:</p> <p>The CA Datacom/DB Change Data Capture (CDC) feature has a possibility of not capturing all changed data when running in Local Mode (when the CDC Listener (CDCL) is running on the same LPAR as the Multi-User Facility (MUF)).</p> <p>When running in Local Mode and the work buffer size is set to the minimum, records can be omitted. The MUF startup option CDC defines the local work buffer size which defaults to the minimum of 100K. Under these conditions CDC can produce PXX dumps because of a large workload and the small buffer size. At the point of each of these PXX dumps there is a potential for data loss in the CDCL Listener. The WRAP- value listed in the STATUS_CDC command will have a non-zero value when this problems exists.</p> <p>A problem of the CDCM Monitor producing invalid counts of maintenance transactions (MNT-) it detects has been corrected.</p> <p>The LASTLXX field in job log message DB03161I has been enhanced to print the current log block number.</p> <p>The CDCL_RESET console or startup command when issued prior to any CDC activity at the multi user startup can cause the CDC Listener task to close.</p> <p>SYMPTOMS:</p> <p>Running Local mode along with a small local work buffer the user may see one or more sets of the following error messages:</p> <p>DB02405I - PXX START ***CDCL* 69754 PATCH -0- D-# jobname HH:MM:SS</p> <p>DB02406I - PXX END - PATCH CPL #####</p> <p>The ##### displacement value in message DB02406I is on or around +137A.</p> <p>The CDCL_RESET console or startup command when issued prior to any CDC activity at the multi user startup can cause the CDC Listener task to close and display message:</p> <p>DB03153E - CDCL DDDQM12 ERROR INVALID ZERO LXX BLOCK</p> <p>IMPACT:</p> <p>Potential loss of CDC log area information by the CDC Listener.</p> <p>CIRCUMVENTION:</p> <p>Set the Local work buffer size to the maximum or near maximum value of 16 Meg when running CDC in Local Mode.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s):</p> <p>DB 4715</p> <p>TRACKS/BLOCKS INCOMPLETELY SPILLED W/RXX GENERATION DATASETS</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Datacom/DB DBUTLTY spill job received error:</p> <p>DB00409E - SPILL FOUND POSSIBLE BAD BLOCK, DUMP TAKEN, ERROR 008</p> <p>SYMPTOMS:</p> <p>The joblog messages of the spill job contains the DB00409E message listed above.</p> <p>The number of tracks/blocks spilled as shown in the TRACKS/BLOCKS portion of</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO61435 Details

Release	Service	Details
		<p>the DB00310I message shows the first number of the XXXXX-XXXXX range exactly 1 greater than the second.</p> <p>Example: DB00310I - LOG SPILL 1-1, TRACKS 101-100</p> <p>IMPACT: The individual RXX datasets created in the spill jobs are intact and ok to use. However if using generation datasets for the RXX, the subsequent generations built after the DB00409E message are not able to be read in a DBUTLTY forward or backward recovery.</p> <p>CIRCUMVENTION: Individual RXX datasets are ok as built. If generation datasets are used for the RXX, you should end the current generation after receiving the DB00409E error message and start a new generation thereafter.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0 CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4725</p> <p>CHANGE DATA CAPTURE EXCLUDE JOBNAME</p> <p>PROBLEM DESCRIPTION: Provide the Change Data Capture function (CDC) of CA Datacom/DB the ability to exclude a single predetermined job name from processing. Any maintenance commands performed by the omitted job on bases being monitored by CDC will not be included in the CDC process.</p> <p>SYMPTOMS: None.</p> <p>IMPACT: None. This is a new option available for CDC.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0 CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4749</p> <p>RETURN CODE 13(069) AND POSSIBLE MUF FAILURE AFTER SPILL JOB</p> <p>PROBLEM DESCRIPTION: CA Datacom/DB Multi User (MUF) processes a Log Spill spilling maximum number of log blocks (SPILLOPT SPILL=MAX). The next spill that is processed is setup to spill the minimum number of log records (SPILLOPT SPILL=Min). A CA Datacom/DB transaction that is in the process of Rolling back work during the time of these two spills will produce a DB00109W to indicate that the rollback has encountered a forced spill. A DBUTLTY spill job executed after these events will receive a 13(069) return code showing a transaction backout error has occurred.</p> <p>SYMPTOMS: A Datacom task that is in the process of being rolled back will be force spilled producing message DB00109W after a spill maximum is run followed by a spill minimum. CA Datacom/DB Spill jobs executed after the DB00109W force spill message will produce return code a 13(069) error message. Other transactions attempting to roll back work can also receive a 13(069) error. If allowed to continue the MUF can fail with message: DB00229E - FATAL INTERNAL ERROR - JOB TERMINATED - LOG-#### The #### displacement is on or around 05d6.</p> <p>IMPACT: Possible MUF failure. Spill jobs receive return code 13(069) and do not complete.</p> <p>CIRCUMVENTION: The event is unlikely to happen. The problem ONLY happens when the second spill specifying spill=minimum happens to have one single log block to spill. The event will not happen if there is more than one block for this job to spill. TO STOP the process once the DB00109W message has occurred and returncodes 13(069) have started to appear, the multi user must be stopped and restarted to recover from the error. The MUF logging process is in trouble at this point and could result in invalid LOG data. The MUF MUST be stopped after</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO61435 Details

Release	Service	Details
		<p>the 13(069) errors begin and restarted. The MUF could eventually fail on it's own with the message listed above if left unchecked.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4769</p> <p>S0C4 ABEND AFTER STATUS_CDC COMMAND</p> <p>PROBLEM DESCRIPTION: A user may experience a S0C4 abend when using Change Data Capture (CDC) in a CA Datacom/DB Multit-User Facility (MUF). After applying PTF RO54944, with a system running in "remote mode" (where the source MUF is on a different LPAR from the target MUF), when a STATUS_CDC console command is executed on the source MUF, it will abend with a S0C4. The STATUS_CDC command in "local mode" is not a problem.</p> <p>SYMPTOMS: A S0C4 abend occurs in module DBCONPR at offset x'2BD' after issuing a console command "STATUS_CDC" on a Source MUF when running CDC in "remote mode."</p> <p>IMPACT: The MUF issues a S0C4 abend and fails.</p> <p>CIRCUMVENTION: Do not issue the STATUS_CDC command on the Source Muf of a CDC source/target environment running as "remote mode".</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 12.0</p> <p>Star Problem(s): DB 4776</p> <p>Copyright (C) 2013 CA. All rights reserved. R00467-DCM140-SP1</p> <p>DESC(12.0 SOLUTIONS FORWARD FIT TO 14.0) . ++VER (Z038) FMID (CABDE00) PRE (R033807 R033960 R034871 R035650 R035657 R036034 R036213 R036631 R037148 R038446 R043272 R047505 R048653 R049483 R049554 R051924 R053693 R054630 R059522) SUP (R032559 R032655 R034407 R034682 R034743 R034971 R035033 R035280 R035392 R035557 R035611 R036077 R036137 R036252 R036773 R037317 R040372 R040987 R043273 R043731 R050687 R051877 R052218 R055548 R060672 TR32559 TR32655 TR34407 TR34682 TR34743 TR34971 TR35033 TR35280 TR35360 TR35392 TR35452 TR35557 TR35611 TR36077 TR36137 TR36252 TR36773 TR37317 TR40371 TR40372 TR40987 TR43273 TR43731 TR50687 TR51877 TR52218 TR55548 TR60672 TR61435)</p>

CA Datacom/DB 14.0
 CA RS 1312 - PTF RO61883 Details

Release	Service	Details
14.0	RO61883	<p>RO61883 M.C.S. ENTRIES = ++PTF (RO61883)</p> <p>MULTI-USER ABENDS IN DBRPTPR6 CBS PROG USING FST</p> <p>PROBLEM DESCRIPTION:</p> <p>When a SELFR request is processed by the Compound Boolean Selection facility (CBS), if the FST parameter is used and the unit's digit of the value is not 0-9, the Multi-User Facility (MUF) abends.</p> <p>Typically, this would occur in a user-written CBS program. This problem should not occur with SQL or Ideal.</p> <p>With the fix applied, DB RC 91(106) will be returned in this situation.</p> <p>SYMPTOMS:</p> <p>MUF abends with a SOC7 in module DBRPTPR at x'1F66'.</p> <p>IMPACT:</p> <p>MUF must be restarted.</p> <p>CIRCUMVENTION:</p> <p>Correct the RQA to have a valid FST value. For example, if the value was FST00000000 T, change it to FST000000000T or FST000000001T.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 11.0</p> <p>Release 12.0</p> <p>Release 14.0</p> <p>Star Problem(s):</p> <p>DB 4201</p> <p>Copyright (C) 2013 CA. All rights reserved. R00470-DCM140-SP1</p> <p>DESC(MULTI-USER ABENDS IN DBRPTPR6 CBS PROG USING FST) .</p> <p>++VER (Z038)</p> <p>FMID (CABDE00)</p> <p>PRE (R050927)</p> <p>SUP (R034158 R042588 TR34158 TR42588 TR61883)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO61888 Details

Release	Service	Details
14.0	RO61888	<p>RO61888 M.C.S. ENTRIES = ++PTF (RO61888)</p> <p>DBUTLTY LOAD OF A COVERED AREA NOT WORKING WITH SIMPLIFY PROBLEM DESCRIPTION: With the CA Datacom/DB Simplify Mode (new in Version 14.0) in effect, if a DBUTLTY LOAD of a Covered Area is done, the new set of records LOAded is not made available. Subseugent accesses find the set of data records prior to the LOAD. This problem only happens if a COMM CLOSE is not performed before the LOAD. (Note, however, that in Simplify Mode, a COMM CLOSE is *not* required.) SYMPTOMS: Rows in a newly LOAded Covered Area are not found. If accessed, the set of rows present prior to the LOAD is found instead. IMPACT: Although the table is populated after a LOAD, its rows can't be accessed. CIRCUMVENTION: Until the solution can be applied, a COMM CLOSE can be done before the LOAD of a Covered Area to circumvent the problem. PRODUCT(S) AFFECTED: CA Datacom/DB Release 14.0 Star Problem(s): DB 4792 Copyright (C) 2013 CA. All rights reserved. R00471-DCM140-SP1</p> <p>DESC(DBUTLTY LOAD OF A COVERED AREA NOT WORKING WITH SIMPLIFY) . ++VER (Z038) FMID (CABDE00) PRE (R035133 R035426 R036631) SUP (R033761 R037136 R040436 R056734 TR33761 TR37136 TR40436 TR56734 TR60174 TR61888)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO62068 Details

Release	Service	Details
14.0	RO62068	<p>RO62068 M.C.S. ENTRIES = ++PTF (RO62068)</p> <p>MULTI-USER FACILITY ABENDS WITH A SOC4 AT DBUPDPR+455E</p> <p>PROBLEM DESCRIPTION: The Multi-User Facility (MUF) abends with a SOC4 in module DBUPDPR at offset x'455E' if an application is using fields with SEMANTIC-TYPE=MIXED (a combination of single- and double-byte characters) for which DBEDITS was set to Y via CA Datacom SQL or CA Datacom Datadictionary.</p> <p>SYMPTOMS: MUF abends with a SOC4 in module DBUPDPR at offset x'445E'.</p> <p>IMPACT: A MUF outage can occur when running DB applications that process MIXED fields which need editing.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4523</p> <p>ENHANCEMENT TO ZIIP PROCESSING</p> <p>PROBLEM DESCRIPTION: The CA Datacom Version 14.0 architecture was built to move additional instructions from the TCB (which runs on a GP processor) to a Workload Manager (WLM) SRB under SMPTASK SRB mode. The Version 14.0 architecture increased the zIIP eligibility from Version 12.0's 33% to an architecture that could offload close to 50% to the WLM SRB.</p> <p>Working within the 14.0 architecture, our Datacom team has determined that additional workload could be moved to the WLM SRB with the elimination of the remaining 12.0 code architecture that is limiting the ability of the exploitation available in 14.0.</p> <p>This solution eliminates the remaining 12.0 architecture and allows greater exploitation of the WLM SRBs (zIIP).</p> <p>SYMPTOMS: None. This is an enhancement.</p> <p>IMPACT: None.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4830</p> <p>Copyright (C) 2013 CA. All rights reserved. R00473-DCM140-SP1</p> <p>DESC(MULTI-USER FACILITY ABENDS WITH A SOC4 AT DBUPDPR+455E) . ++VER (Z038) FMID (CABDE00) PRE (R038446 R047505 R047507 R054630) SUP (R041028 R042708 R044657 R048610 R053163 R054798 TR41028 TR42708 TR44657 TR48610 TR53163 TR54798 TR56927 TR57220 TR62068)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO62077 Details

Release	Service	Details
14.0	RO62077	<p>RO62077 M.C.S. ENTRIES = ++PTF (RO62077)</p> <p>DB00229E FATAL ERROR IN BFW WITH MULTIPLE IXXAREA=*** INITS</p> <p>PROBLEM DESCRIPTION: CA Datacom DBUTLTY may abend if more than one of the following statements are in the same DBUTLTY execution: INIT AREA=IXX,DBID=nnnnn,IXXAREA=***</p> <p>SYMPTOMS: DBUTLTY terminates and the message 'DB00229E - FATAL INTERNAL ERROR - JOB TERMINATED - BFW-0502' is present in the JESMSGLG output.</p> <p>IMPACT: All DBUTLTY functions from the one receiving the error and beyond do not get executed.</p> <p>CIRCUMVENTION: Separate the INIT AREA=IXX input statements into individual job steps.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4831</p> <p>Copyright (C) 2013 CA. All rights reserved. R00474-DCM140-SP1</p> <p>DESC(DB00229E FATAL ERROR IN BFW WITH MULTIPLE IXXAREA=*** INITS) . ++VER (Z038) FMID (CABDE00) PRE (RO52117 RO61183) SUP (RO34555 RO36140 RO41379 RO60761 TR34084 TR34555 TR36140 TR41379 TR60761 TR62077)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO62803 Details

Release	Service	Details
14.0	RO62803	<p>RO62803 M.C.S. ENTRIES = ++PTF (RO62803)</p> <p>-999 MISC MEM_CHAIN INVALID WITH CREATE VIEW</p> <p>PROBLEM DESCRIPTION: The CREATE VIEW statement sets an ending null terminator (x'00') one byte past allocated memory which can sometimes overlay the next allocated memory segment. If the header structure of the next segment is overlaid, SQL gives -999 SQLCODE.</p> <p>SYMPTOMS: CREATE VIEW sometimes is rejected with -999 SQLCODE MEMORY CHAIN OVERLAY error.</p> <p>IMPACT: The CREATE VIEW request must be re-executed until it succeeds.</p> <p>CIRCUMVENTION: Usually just re-executing the statement will succeed.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0</p> <p>Release 14.0</p> <p>Star Problem(s): SQL 1909</p> <p>Copyright (C) 2013 CA. All rights reserved. R00479-DCM140-SP1</p> <p>DESC(-999 MISC MEM_CHAIN INVALID WITH CREATE VIEW) . ++VER (Z038) FMID (CAVEE00) SUP (TR62803)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO62856 Details

Release	Service	Details
14.0	RO62856	<p>RO62856 M.C.S. ENTRIES = ++PTF (RO62856)</p> <p>DBUTLTY S002-18 ABEND ON URI=NO, RECID=YES AREA BACKUPS</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Datacom DBUTLTY RECID=YES backups may fail after applying PTF RO51328 if all the following conditions are met:</p> <ol style="list-style-type: none"> 1. At least one area in the database is loaded URI=NO. 2. The area contains the largest record in the database. 3. No DCB information is present on the backup dataset DD statement. <p>SYMPTOMS:</p> <p>The DBUTLTY execution terminates with a S002-18 abend.</p> <p>IMPACT:</p> <p>The database or area cannot be backed up until the correcting PTF is applied or the circumvention is performed.</p> <p>CIRCUMVENTION:</p> <p>Add a DCB=(LRECL=nnnnn) parameter to the backup dataset DD statement where the value for nnnnn is at least 12 bytes larger than the physical record size of the largest record in the area. This is the larger of the two numbers to right of the 'RECORD LENGTH' heading in a full CXX report.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0 CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4833</p> <p>Copyright (C) 2013 CA. All rights reserved. R00480-DCM140-SP1</p> <p>DESC(DBUTLTY S002-18 ABEND ON URI=NO, RECID=YES AREA BACKUPS) . ++VER (Z038) FMID (CABDE00) PRE (R038669 RO47505 RO47843) SUP (AR44904 RO33659 RO33688 RO34756 RO34900 RO44904 RO45305 RO52133 TR33659 TR33688 TR34756 TR34900 TR44904 TR45305 TR52133 TR62856)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO63198 Details

Release	Service	Details
14.0	RO63198	<p>RO63198 M.C.S. ENTRIES = ++PTF (RO63198)</p> <p>DB21032W MESSAGE INCORRECT</p> <p>PROBLEM DESCRIPTION: The message text for DB21032W is incorrect.</p> <p>SYMPTOMS: The text for a warning message comes out as INVALID/OBSOLETE ERROR CODE instead of OPTION VALUE NOT A VALID NUMERIC.</p> <p>IMPACT: The user may be confused and not know how to correct the problem.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0</p> <p>CA Datacom SQL Release 14.0</p> <p>Star Problem(s): SQL 1911</p> <p>Copyright (C) 2013 CA. All rights reserved. R00482-DCM140-SP1</p> <p>DESC(DB21032W MESSAGE INCORRECT) . ++VER (Z038) FMID (CAVEE00) SUP (RO32181 RO34650 RO38249 TR32181 TR34650 TR38249 TR63198)</p>

CA Datacom/DB 14.0
CA RS 1312 - PTF RO63823 Details

Release	Service	Details
14.0	RO63823	<p>RO63823 M.C.S. ENTRIES = ++PTF (RO63823)</p> <p>SERIOUS PROBLEM AFFECTING HIGH USE MARK ONLY IN MUFPLEX</p> <p>PROBLEM DESCRIPTION:</p> <p>A problem has been reported that can result in missing data in GETPS (get physical) processing or in data loss involving physical sequence backups and loads. This is because the High Used Mark can fail to be updated as the file grows.</p> <p>Those affected by this problem are *only* those that meet *all* the following three conditions in their environments. If all the following are not true, the environment is not exposed to the problem.</p> <ol style="list-style-type: none"> 1. The CXX has the Data High Used Mark option set to YES. 2. The Multi-User Facility (MUF) is running in full MUFplex mode or has run in MUFplex mode since it was started. This includes Mode A and Mode B. Mode S (Shadow) is also affected -- but only potentially during MIGRATE_TO_SHADOW processing, not during failover processing. 3. Simultaneous maintenance to the same area has occurred from multiple MUFs in the MUFplex environment. This would include both adding records to the table and updating compressed records such that they become larger. <p>SYMPTOMS:</p> <p>Under certain conditions, the High Used Mark can fail to be updated as the file fills. GETPS processing may stop reading through the file prematurely, thinking the end of data has been reached. If a physical sequence backup is taken, it can back up less than all the data. If that physical backup is used as input to a LOAD, the data that wasn't backed up can become inaccessible.</p> <p>IMPACT:</p> <p>While the conditions under which the problem occurs are very narrow, this is a serious data integrity concern.</p> <p>CIRCUMVENTION:</p> <p>Until affected customers (conditions 1-3 above) can apply the PTF, CA Technologies strongly recommends that the Data High Use Mark feature in their CXX be turned off. Note that unless conditions 2 and 3 above exist, there is no problem in using the High Used Mark feature.</p> <p>Customers who want to deactivate the High Used Mark feature, should execute DBUTLTY in all affected MUF(s) with the following control statement:</p> <pre>CXXMAINT ALTER,OPTION2=N_DATAHU</pre> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s):</p> <p>DB 4845</p> <p>Copyright (C) 2013 CA. All rights reserved. R00490-DCM140-SP1</p> <p>DESC(SERIOUS PROBLEM AFFECTING HIGH USE MARK ONLY IN MUFPLEX) .</p> <p>++VER (Z038)</p> <p>FMID (CABDE00)</p> <p>PRE (R031887 R034871 R038425 R041191 R047505 R051343 R053693 R057269)</p> <p>SUP (R034605 R048433 R051338 R053666 R054282 R060264 R060369 TR34605 TR48433 TR51338 TR53666 TR54282 TR60264 TR60369 TR63823)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO29504 Details

Release	Service	Details
12.0	RO29504	<p>RO29504 M.C.S. ENTRIES = ++PTF (RO29504)</p> <p>CAST WITHOUT CONVERSION PERFORMANCE</p> <p>PROBLEM DESCRIPTION: The CAST function using the WITHOUT CONVERSION option should not prevent a predicate from being evaluated by the Compound Boolean Selection (CBS) facility where it can restrict index scan range. This fix implements this optimization and may improve performance.</p> <p>SYMPTOMS: Queries using the CAST ... WITHOUT CONVERSION predicate may run longer than necessary.</p> <p>IMPACT: This is an enhancement.</p> <p>CIRCUMVENTION: Eliminate the need for the CAST by changing the column's data type.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0</p> <p>Star Problem(s): SQL 1763</p> <p>Copyright (C) 2013 CA. All rights reserved. R00437-DCM120-SP1</p> <p>DESC(CAST WITHOUT CONVERSION PERFORMANCE) . ++VER (Z038) FMID (CVEC000) PRE (RO09311 RO15710) SUP (TR29504)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO43481 Details

Release	Service	Details
12.0	RO43481	<p>RO43481 M.C.S. ENTRIES = ++PTF (RO43481)</p> <p>DQ899E AFTER APPLYING TRANSACTIONS FOR DDSDCLM</p> <p>PROBLEM DESCRIPTION: User applies source transactions supplied in PTF RO30267. CA Dataquery for CA Datacom (DQ) will be unable to access any table within the CA Datacom Datadictionary (DD) DATA-DICT database subsequent to the maintenance. This solution revises the set of DDUPDATE transactions supplied by RO30267 to include an ENABLE of the DATA-DICT database.</p> <p>SYMPTOMS: Source transactions supplied in PTF RO30267 are applied using the DD utility DDUPDATE. After applying the maintenance, any attempts to access any of the tables in the DATA-DICT database via DQ will receive: DQ899E THE TABLE, OR ONE OF ITS ENTITIES, IS DISABLED & CAN'T BE ACCESSED This is due to a COPY function that is executed at the end of the PTF source member.</p> <p>IMPACT: For users that access DD tables using DQ, the impact is significant. Until the database is enabled, none of the queries accessing this database will run.</p> <p>CIRCUMVENTION: ENABLE the DATA-DICT database either in DDOL or by running DDUPDATE with a 1000 ENABLE transaction.</p> <p>PRODUCT(S) AFFECTED: CA Datacom Datadictionary Release 11.0 CA Datacom Datadictionary Release 12.0</p> <p>Star Problem(s): DD 2023</p> <p>Copyright (C) 2013 CA. All rights reserved. R00677-DCM120-SP1</p> <p>DESC(DQ899E AFTER APPLYING TRANSACTIONS FOR DDSDCLM) . ++VER (Z038) FMID (CADC000) PRE (RO30267) SUP (TR43481) ++HOLD (RO43481) SYSTEM FMID(CADC000) REASON (ACTION) DATE (13205) COMMENT (This PTF delivers source member SDCTRNS which requires execution of the batch utility DDUPDATE to apply the transactions contained in this member. An HSD RESET should follow by executing DDCFBLD.).</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO48020 Details

Release	Service	Details
12.0	RO48020	<p>RO48020 M.C.S. ENTRIES = ++PTF (RO48020)</p> <p>DB00229E - FATAL INTERNAL ERROR -JOB TERMINATED IOM-F68</p> <p>PROBLEM DESCRIPTION:</p> <p>When a multi-threaded application such as CA Datacom CICS Services or CA Datacom Server is accessing the Multi-User Facility (MUF) and abends, there is a small timing window in which the MUF can also abend with an error:</p> <p>DB00229E - FATAL INTERNAL ERROR - JOB TERMINATED - IOM-F68.</p> <p>This is a very rare error.</p> <p>SYMPTOMS:</p> <p>MUF abends with an error:</p> <p>DB00229E - FATAL INTERNAL ERROR - JOB TERMINATED - IOM-F68.</p> <p>IMPACT:</p> <p>A MUF outage can occur.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s):</p> <p>DB 4665</p> <p>Copyright (C) 2013 CA. All rights reserved. R00726-DCM120-SP1</p> <p>DESC(DB00229E - FATAL INTERNAL ERROR -JOB TERMINATED IOM-F68) .</p> <p>++VER (Z038)</p> <p>FMID (CBDC000)</p> <p>PRE (RO10325 RO10351 RO15470 RO17892)</p> <p>SUP (RO10551 RO13202 RO22637 RO41091 RO42762 TR10551</p> <p>TR13202 TR21826 TR22637 TR41091 TR42762 TR48020)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO53767 Details

Release	Service	Details
12.0	RO53767	<p>RO53767 M.C.S. ENTRIES = ++PTF (RO53767)</p> <p>RC 13(05),21(04) AND OTHERS WITH DATANE REPORT</p> <p>PROBLEM DESCRIPTION:</p> <p>With PTF RO51180 applied, the DBUTLTY report function DATANE may retrieve invalid data row population statistics for compressed tables or tables in a multi-table area. These invalid statistics may cause an abend with RC 13(05) or RC 21(74). Other DB return codes or an incomplete DATANE report are also possible.</p> <p>SYMPTOMS:</p> <p>The DATANE report may abort with RC 13(05) or 21(74). A user may also notice some missing or misleading statistics on the report.</p> <p>IMPACT:</p> <p>The user may not be able to get a useful DATANE report.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0 CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4743</p> <p>Copyright (C) 2013 CA. All rights reserved. R00794-DCM120-SP1</p> <p>DESC(RC 13(05),21(04) AND OTHERS WITH DATANE REPORT) . ++VER (Z038) FMID (CBDC000) PRE (RO51180) SUP (TR53767)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO58110 Details

Release	Service	Details
12.0	RO58110	<p>RO58110 M.C.S. ENTRIES = ++PTF (RO58110)</p> <p>SOC4 UPDATING VARCHAR FIELD</p> <p>PROBLEM DESCRIPTION: Executing the CA Datacom Datadictionary utility DDUPDATE to add a VARCHAR column that specifies a DEFAULT-INSERT of 0 with a value attribute of spaces on the 4012 transaction results in a SOC4 abend. A DSF return code BDV should instead be returned.</p> <p>SYMPTOMS: Executing DDUPDATE to add a VARCHAR column that specifies a DEFAULT-INSERT of 0 and a VALUE of blanks on the 4012 will cause a SOC4 abend in DDVALLM.</p> <p>IMPACT: A combination of a blank VALUE clause with a DEFAULT-INSERT of 0 is not valid. The impact is minor because the abend occurs only when the combination is in error.</p> <p>CIRCUMVENTION: Either change the DEFAULT-INSERT specified on the 4012 or provide a valid value on the 4012 transaction.</p> <p>PRODUCT(S) AFFECTED: CA Datacom Datadictionary Release 12.0</p> <p>Star Problem(s): DD 2056</p> <p>Copyright (C) 2013 CA. All rights reserved. R00830-DCM120-SP1</p> <p>DESC(SOC4 UPDATING VARCHAR FIELD) . ++VER (Z038) FMID (CADC000) PRE (RO54452) SUP (TR58110)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO59943 Details

Release	Service	Details
12.0	RO59943	<p>RO59943 M.C.S. ENTRIES = ++PTF (RO59943)</p> <p>POTENTIAL INDEX PERFORMANCE PROBLEM IN SMP ENVIRONMENT</p> <p>PROBLEM DESCRIPTION:</p> <p>When multiple CA Datacom/DB applications are doing a high volume of maintenance requests against a given database inside the Multi-User Facility (MUF) with SMPTASK specified in the MUF startup options, a potential index performance problem can occur.</p> <p>A higher than expected rate of I/O against the database's index may be observed. Depending on the level of maintenance activity, the performance may grow worse over time.</p> <p>SYMPTOMS:</p> <p>Applications perform poorly. Upon investigation, the user sees high activity on the database's index area.</p> <p>IMPACT:</p> <p>DB applications can run unexpectedly longer.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s):</p> <p>DB 4806</p> <p>Copyright (C) 2013 CA. All rights reserved. R00844-DCM120-SP1</p> <p>DESC(POTENTIAL INDEX PERFORMANCE PROBLEM IN SMP ENVIRONMENT) .</p> <p>++VER (Z038)</p> <p>FMID (CBDC000)</p> <p>SUP (R033865 RO52773 TR33865 TR52773 TR59943)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO60419 Details

Release	Service	Details
12.0	RO60419	<p>RO60419 M.C.S. ENTRIES = ++PTF (RO60419)</p> <p>HONOR REQUEST ABORT DURING SORT CONSOLIDATION</p> <p>PROBLEM DESCRIPTION:</p> <p>SQL detects that a Request Abort is in effect when a row is read from a base table and ends the request.</p> <p>This solution adds detecting a Request Abort during the sort consolidation phase where rows are merged into a longer string in the Temporary Table Manager (TTM) area.</p> <p>SYMPTOMS:</p> <p>If a sort consolidation phase is processing when the Request Abort is issued, the task will not abort immediately.</p> <p>IMPACT:</p> <p>Unless sorting millions of rows, there is very little impact since the sort consolidation phase completes quickly.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0</p> <p>CA Datacom SQL Release 14.0</p> <p>Star Problem(s):</p> <p>SQL 1902</p> <p>Copyright (C) 2013 CA. All rights reserved. R00848-DCM120-SP1</p> <p>DESC(HONOR REQUEST ABORT DURING SORT CONSOLIDATION) .</p> <p>++VER (Z038)</p> <p>FMID (CVEC000)</p> <p>PRE (R009311)</p> <p>SUP (TR60419)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO60449 Details

Release	Service	Details
12.0	RO60449	<p>RO60449 M.C.S. ENTRIES = ++PTF (RO60449)</p> <p>RANDOM DBUTLTY MULTI-USER FUNCTION S000 U0004 ABENDS</p> <p>PROBLEM DESCRIPTION: CA Datacom/AD and CA Datacom/DB DBUTLTY executions can unexpectedly abend when both the CUSLIB and base load library (CAAXLOAD or CABDLOAD) are in the linklist.</p> <p>SYMPTOMS: Previously successful DBUTLTY executions fail with a S000 U0004, S0C4 or S0C6. On the S000 U0004 abend no SYSOUT data is produced.</p> <p>IMPACT: Once the condition occurs, all subsequent DBUTLTY executions continue to abend until the correcting solution can be implemented or one of the circumventions is performed.</p> <p>CIRCUMVENTION: Perform an LLA refresh to temporarily resolve the condition or include in the DBUTLTY job JCL a CUSLIB and base load library that have a different dataset name than the linklisted datasets.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0 CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4805</p> <p>Copyright (C) 2013 CA. All rights reserved. R00849-DCM120-SP1</p> <p>DESC(RANDOM DBUTLTY MULTI-USER FUNCTION S000 U0004 ABENDS) . ++VER (Z038) FMID (CBDC000) PRE (RO13308 RO22004 RO29528 RO33848 RO46435 RO53056) SUP (RO19655 RO28462 RO33774 RO36439 RO48348 TR19109 TR19655 TR28300 TR28414 TR28462 TR33774 TR36439 TR48348 TR60449)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO60527 Details

Release	Service	Details
12.0	RO60527	<p>RO60527 M.C.S. ENTRIES = ++PTF (RO60527)</p> <p>RC 91(106) INVALID NUMBER IN RQA WITH COMPLEX QUERY</p> <p>PROBLEM DESCRIPTION:</p> <p>Queries with several ANDED predicates and many ORed predicates create a Request Qualification Area (RQA) that can be greater than 999 predicates when converted into the required Disjunctive Normal Form (DNF). If the total size of the RQA is too large, then the ORed predicates are removed from the RQA and left for SQL to evaluate. But if the number of predicates is greater than 999 and the RQA size is not too large, then the RQA is built incorrectly, and query processing is terminated.</p> <p>This solution eliminates the ORed predicates when the number of predicates is greater than 999 so the query can be executed.</p> <p>Usually more than 999 predicates occurs only when there are a few predicates ANDED with a large number of ORed predicates. Every ORed predicate is repeated for every ANDED predicate to give the required DNF for the RQA.</p> <p>SYMPTOMS:</p> <p>Execution of an SQL query is rejected with SQLCODE -117 with DB return code 91(106).</p> <p>IMPACT:</p> <p>The query cannot execute.</p> <p>CIRCUMVENTION:</p> <p>Converting the ORed predicates for the same column into an IN list will usually avoid this problem.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0</p> <p>Star Problem(s):</p> <p>SQL 1906</p> <p>Copyright (C) 2013 CA. All rights reserved. R00850-DCM120-SP1</p> <p>DESC(RC 91(106) INVALID NUMBER IN RQA WITH COMPLEX QUERY) . ++VER (Z038) FMID (CVEC000) PRE (R009311 R014827 R016998 R017081 R017897 R018997 R021038 R025074 R027591) SUP (AR25074 R025742 R034227 R034822 TR25742 TR34227 TR34822 TR60527)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO60585 Details

Release	Service	Details
12.0	RO60585	<p>RO60585 M.C.S. ENTRIES = ++PTF (RO60585)</p> <p>FATAL INTERNAL ERROR - XES-2E4A</p> <p>PROBLEM DESCRIPTION:</p> <p>The CA Datacom/DB Multi-User Facility (MUF) may abend with a fatal internal error if all the following conditions are true:</p> <ol style="list-style-type: none"> 1. The MUF specifies the MUFPLEX startup option. 2. The MUF is the only active MUF in the MUFPLEX. (A Primary MUF can be affected whether or not a Shadow MUF has been submitted.) 3. A DBUTLTY step has been submitted that executes multiple commands (such as COMM OPTION=STATS) that cause CLOSE processing to occur in the MUF. <p>The MUF erroneously attempts to access a Coupling Facility (CF) structure when it is not connected to the CF. The attempt causes the CF to return an error feedback code to the MUF, and the MUF, in turn, abends with message:</p> <p>DB00229E - FATAL INTERNAL ERROR - JOB TERMINATED - XES-2E4A</p> <p>SYMPTOMS:</p> <p>MUF abends with message:</p> <p>DB00229E - FATAL INTERNAL ERROR - JOB TERMINATED - XES-2E4A</p> <p>IMPACT:</p> <p>There is a MUF outage.</p> <p>CIRCUMVENTION:</p> <p>Breaking up the DBUTLTY job into single command DBUTLTY executions provides a workaround.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s):</p> <p>DB 4718</p> <p>Copyright (C) 2013 CA. All rights reserved. R00851-DCM120-SP1</p> <p>DESC(FATAL INTERNAL ERROR - XES-2E4A) .</p> <p>++VER (Z038)</p> <p>FMID (CBDC000)</p> <p>PRE (RO19101)</p> <p>SUP (RO23121 RO24554 RO47744 RO50825 TR23121 TR24554</p> <p>TR47744 TR50825 TR51386 TR60585)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO60753 Details

Release	Service	Details
12.0	RO60753	<p>RO60753 M.C.S. ENTRIES = ++PTF (RO60753)</p> <p>SQLCODE -161 ON COMPARISON BETWEEN CHAR AND UNSIGNED NUMERIC</p> <p>PROBLEM DESCRIPTION:</p> <p>Queries that contain EQUAL predicates between CHAR and UNSIGNED NUMERIC columns of the same length are returning with SQLCODE -161 INVALID DATA. This may happen when the CHAR column contains non-numeric values that cannot be compared with the UNSIGNED NUMERIC column.</p> <p>SYMPTOMS:</p> <p>SQLCODE -161 INVALID DATA can occur. The CHAR column may be improperly referenced as a NUMERIC data type in the error message.</p> <p>IMPACT:</p> <p>The query may not complete if the CHAR column contains non-numeric values in the EQUAL predicate.</p> <p>CIRCUMVENTION:</p> <p>You may instead CAST the UNSIGNED NUMERIC column as CHAR WITHOUT CONVERSION to properly execute the query.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 14.0</p> <p>Star Problem(s):</p> <p>SQL 1895</p> <p>Copyright (C) 2013 CA. All rights reserved. R00853-DCM120-SP1</p> <p>DESC(SQLCODE -161 ON COMPARISON BETWEEN CHAR AND UNSIGNED NUMERIC) .</p> <p>++VER (Z038)</p> <p>FMID (CVEC000)</p> <p>PRE (RO09311 RO15710)</p> <p>SUP (RO29504 TR29504 TR60753)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO60754 Details

Release	Service	Details
12.0	RO60754	<p>RO60754 M.C.S. ENTRIES = ++PTF (RO60754)</p> <p>POOR PERFORMANCE WITH COMBINATION OF ON AND WHERE PREDICATES</p> <p>PROBLEM DESCRIPTION:</p> <p>When a query has predicates for a table in the ON clause, the SQL Optimizer is not using the predicates for this table from the WHERE clause to compute the estimated cost of keys. Although the predicates in the WHERE clause are being passed to the Compound Boolean Selection (CBS) Facility where they can be used to restrict index scan range, the most efficient join order may not be selected by the SQL Optimizer, and the filter factor in the SQL Optimization Report is incorrect.</p> <p>For example, given key (COL1, COL2), the query</p> <pre>SELECT * FROM T1 INNER JOIN T2 ON T1.COL2 = T2.COL2 WHERE T2.COL1 = 'X'</pre> <p>would show only the ON low-order restriction on the key because the first column of the key, COL1, is not restricted with the WHERE clause predicates being ignored by the Optimizer.</p> <p>In this case the join order is already set with the INNER JOIN syntax, and the key is fully restricted, the Optimization Report is incorrect, and the join order could have been set to an inefficient sequence.</p> <p>Since this error occurs during binding, static embedded SQL plans must be rebound after applying this solution.</p> <p>SYMPTOMS:</p> <p>Queries may use more resources than required due to inefficient join order. If a CBSIO limit is in effect, the request may be aborted with SQLCODE -137.</p> <p>IMPACT:</p> <p>The query may exceed any CBSIO limit specified and not complete.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0 Release 14.0</p> <p>Star Problem(s): SQL 1898</p> <p>Copyright (C) 2013 CA. All rights reserved. R00854-DCM120-SP1</p> <p>DESC(POOR PERFORMANCE WITH COMBINATION OF ON AND WHERE PREDICATES) . ++VER (Z038) FMID (CVEC000) PRE (R009311 R012527 R014827 R016998 R032111 R049659) SUP (AR35726 R018050 R026877 R035726 R036325 R037570 TR16895 TR17086 TR18050 TR26877 TR35726 TR36325 TR37570 TR60754)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO61064 Details

Release	Service	Details
12.0	RO61064	<p>RO61064 M.C.S. ENTRIES = ++PTF (RO61064)</p> <p>CANCELING DBUTLTY CAUSES AN UNNECESSARY RC 84 DUMP</p> <p>PROBLEM DESCRIPTION: Canceling a DBUTLTY job can result in an invalid CA Datacom/DB (DB) return code 84 and an accompanying dump.</p> <p>SYMPTOMS: The user sees an invalid DB RC 84 message and a dump.</p> <p>IMPACT: None.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4809</p> <p>APPLICATION ABENDS DBINRPR+108E AFTER ATTEMPTED RECONNECT</p> <p>PROBLEM DESCRIPTION: This problem only affects a batch job designd to reconnect with the Multit-User Facility (MUF) after a failure. This primarily affects other CA products that use CA Datacom/AD as their data repository, but rarely a user might code a program in this fashion.</p> <p>As the batch job is attempting to reconnect with the MUF, it may abend in module DBINRPR at or near offset x'108E'. The user may also see a DB return code 84.</p> <p>SYMPTOMS: The batch job abends in module DBINRPR at or near offset x'108E'. A DB RC 84 may also be seen.</p> <p>IMPACT: The batch application must be restarted.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/AD Release 12.0</p> <p>Star Problem(s): DB 4816</p> <p>Copyright (C) 2013 CA. All rights reserved. R00860-DCM120-SP1</p> <p>DESC(CANCELING DBUTLTY CAUSES AN UNNECESSARY RC 84 DUMP) . ++VER (Z038) FMID (CBDC000) PRE (R013308 R015470 R024792 R027666 R028671 R029528 R032572 R035301 R046869 R046950 R049964 R053056 R059236) SUP (AR29528 R012455 R014268 R016904 R023711 R027673 R027745 R030326 R031768 R032636 R032862 R034031 R035685 R035984 R040217 R040409 R040905 R043176 R045618 TR12455 TR12925 TR14268 TR16904 TR23711 TR26363 TR27673 TR27745 TR30326 TR31375 TR31768 TR32636 TR32862 TR34031 TR35685 TR35984 TR40217 TR40409 TR40905 TR43176 TR45618 TR51309 TR61064)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO61355 Details

Release	Service	Details
12.0	RO61355	<p>RO61355 M.C.S. ENTRIES = ++PTF (RO61355)</p> <p>DYNAMIC SYSTEM TABLE ACCESS GETS RC 94(86) AFTER IPL</p> <p>PROBLEM DESCRIPTION: The user gets a CA Datacom/DB (DB) return code 94(086) (INVALID RECORD ID) on a Dynamic System Table (DIR_AREA or DRA) when starting a Multi-User Facility (MUF) after an IPL.</p> <p>SYMPTOMS: The user gets the following messages on first MUF startup after IPL: DB02405I - PXX START jjjjjjjj rrrrrr 94(086) SELFR-dddd-DRA DB02406I - PXX END - INVALID DATACOM RECORD ID where jjjjjjjj is the job name, rrrrrr is DB run unit number and dddd is the database ID of the Dynamic System Tables (normally 1000).</p> <p>IMPACT: The MUF region must be restarted to eliminate the error.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>Star Problem(s): DB 4819 RC 13(04) ERROR READING DRA DYNAMIC SYSTEM TABLE</p> <p>PROBLEM DESCRIPTION: A query reading DIR_AREA (DRA) dynamic system table gets a database return code 13(04).</p> <p>SYMPTOMS: A query reading DIR_AREA dynamic system table gets a return code 13(04) error from CA Datacom/DB.</p> <p>IMPACT: The query does not return the requested data.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4705</p> <p>Copyright (C) 2013 CA. All rights reserved. R00863-DCM120-SP1</p> <p>DESC(DYNAMIC SYSTEM TABLE ACCESS GETS RC 94(86) AFTER IPL) . ++VER (Z038) FMID (CBDC000) PRE (RO29333) SUP (RO34491 RO36035 RO45589 TR34491 TR36035 TR45589 TR61355)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO61433 Details

Release	Service	Details
12.0	RO61433	<p>RO61433 M.C.S. ENTRIES = ++PTF (RO61433)</p> <p>DBUTLTY COMM CLOSE GETS RC46 FROM PHANTOM THREAD</p> <p>PROBLEM DESCRIPTION: An abend occurred on a batch job accessing CA Datacom/DB Multi-User (DB MUF). In this case, the DB00120I JOB MISSING message was generated, but MUF failed to clean up the job. Following this job a DBUTLTY COMM CLOSE failed since this previous job never closed. This previous job may have abended a long time before the COMM CLOSE is issued. A REQABORT will not clear the condition.</p> <p>SYMPTOMS: DBUTLTY COMM CLOSE fails with DB RC 46(046) due to MUF leaving a previous job open even though it is no longer running. As successive jobs complete, the DB00120I message may be repeated referring to the original failed job.</p> <p>IMPACT: The user cannot perform utility maintenance to this base's tables and index such as a LOAD, BACKUP, REORG or RETIX.</p> <p>CIRCUMVENTION: The MUF must be cancelled and restarted.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4812</p> <p>Copyright (C) 2013 CA. All rights reserved. R00866-DCM120-SP1</p> <p>DESC(DBUTLTY COMM CLOSE GETS RC46 FROM PHANTOM THREAD) . ++VER (Z038) FMID (CBDC000) PRE (RO40831 RO46869) SUP (AR23308 RO23308 RO25270 RO27444 RO31735 RO32159 TR23308 TR24999 TR25270 TR27444 TR31735 TR32159 TR52395 TR60630 TR61433)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO61562 Details

Release	Service	Details
12.0	RO61562	<p>RO61562 M.C.S. ENTRIES = ++PTF (RO61562)</p> <p>POOR PERFORMANCE WITH LARGE CBS BUFFER</p> <p>PROBLEM DESCRIPTION: Using a very large value for the CBS buffer size, such as the maximum value of 6000000, on the Multi-User Facility (MUF) CBS startup parameter in the MUF SYSIN can cause poor performance on CBS or SQL queries.</p> <p>SYMPTOMS: Poor performance for CBS or SQL queries can be seen when the CBS buffer size is set to a very large value.</p> <p>IMPACT: This problem can cause poor performance for CBS or SQL queries.</p> <p>CIRCUMVENTION: Reducing the size of the CBS buffer can circumvent this problem.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0 CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4814</p> <p>Copyright (C) 2013 CA. All rights reserved. R00870-DCM120-SP1</p> <p>DESC(POOR PERFORMANCE WITH LARGE CBS BUFFER) . ++VER (Z038) FMID (CBDC000) PRE (R010336 R015227 R017892 R023005 R030285 R036852 R037405 R038941 R041721 R052174) SUP (CC56161 R007454 R012811 R016421 R018769 R020003 R020029 R021420 R027585 R029165 R030687 R031099 R037892 R037944 R041099 R043239 R044825 R056525 R061484 TR07454 TR12811 TR16421 TR18769 TR19397 TR20003 TR20029 TR21420 TR27585 TR29165 TR30687 TR31099 TR34666 TR37892 TR37944 TR41099 TR43239 TR44825 TR56525 TR60946 TR61442 TR61484 TR61562) ++HOLD (RO61562) SYSTEM FMID(CBDC000)</p> <p>REASON (ACTION) DATE (13253) COMMENT (Product: CA Datacom/DB Release 12.0 Sequence: After APPLY of PTF. After applying a CA Datacom/DB (DB) PTF, the Multi-User Facility (MUF) must be recycled or the DB NEWCOPY command must be issued for the module (if NEWCOPY eligible) to bring a new copy into the MUF address space. While DBRPFPFR is documented as NEWCOPY eligible, in this case a NEWCOPY *cannot* be used. MUF must be recycled.</p> <p>Purpose: Implement the effect of this PTF in the MUF.</p> <p>Relevance: Required for all users who apply this PTF.</p> <p>Knowledge required: How to recycle MUF.</p> <p>Access required: 1. Ability to submit DBUTILTY job or issue CONSOLE command. 2. 2. Authorization to submit JCL to restart MUF.</p> <p>Steps to Perform: The following steps must be done. 1. APPLY solution. 2. Bring the MUF down with an EOJ command via DBUTILTY or console command. 3. Submit JCL to restart MUF.).</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO61711 Details

Release	Service	Details
12.0	RO61711	<p>RO61711 M.C.S. ENTRIES = ++PTF (RO61711)</p> <p>COPY TO PROD LOOPS</p> <p>PROBLEM DESCRIPTION: Attempts to copy a database, area, or table occurrence to PRODUCTION status using either the CA Datacom Datadictionary DDUPDATE utility or DDOL can induce a loop. The loop will not always occur, depending on factors such as the number of elements in the dataview, the target PROD version number, the number of relationships pointing at history elements, and the number of relationships pointing at elements that have rolled off the dictionary due to the ENTY-HIST-VERS attribute for the element table.</p> <p>SYMPTOMS: Trying to copy a database or one of its sub-structures to PROD status using either DDUPDATE or DDOL can result in a looping condition.</p> <p>IMPACT: Not all database definitions will exhibit the loop. Those that do cannot be successfully copied to PROD.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom Datadictionary Release 12.0</p> <p>Star Problem(s): DD 2062</p> <p>Copyright (C) 2013 CA. All rights reserved. R00871-DCM120-SP1</p> <p>DESC(COPY TO PROD LOOPS) . ++VER (Z038) FMID (CADC000) PRE (R014458) SUP (R018143 R027710 R048143 TR18143 TR27710 TR48143 TR61711)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO61869 Details

Release	Service	Details
12.0	RO61869	<p>RO61869 M.C.S. ENTRIES = ++PTF (RO61869)</p> <p>MULTI-USER ABENDS IN DBRPTPR6 CBS PROG USING FST</p> <p>PROBLEM DESCRIPTION:</p> <p>When a SELFR request is processed by the Compound Boolean Selection facility (CBS), if the FST parameter is used and the unit's digit of the value is not 0-9, the Multi-User Facility (MUF) abends.</p> <p>Typically, this would occur in a user-written CBS program. This problem should not occur with SQL or Ideal.</p> <p>With the fix applied, DB RC 91(106) will be returned in this situation.</p> <p>SYMPTOMS:</p> <p>MUF abends with a S0C7 in module DBRPTPR at x'1F66'.</p> <p>IMPACT:</p> <p>MUF must be restarted.</p> <p>CIRCUMVENTION:</p> <p>Correct the RQA to have a valid FST value. For example, if the value was FST00000000 T, change it to FST000000000T or FST000000001T.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 11.0</p> <p>Release 12.0</p> <p>Release 14.0</p> <p>Star Problem(s):</p> <p>DB 4201</p> <p>Copyright (C) 2013 CA. All rights reserved. R00873-DCM120-SP1</p> <p>DESC(MULTI-USER ABENDS IN DBRPTPR6 CBS PROG USING FST) .</p> <p>++VER (Z038)</p> <p>FMID (CBDC000)</p> <p>SUP (RO12614 RO31181 TR12614 TR31181 TR61869)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO62655 Details

Release	Service	Details
12.0	RO62655	<p>RO62655 M.C.S. ENTRIES = ++PTF (RO62655)</p> <p>RC 04(47) DURING OPEN AFTER BACKING OUT MULTI-DATASET INDEX</p> <p>PROBLEM DESCRIPTION: An application previously using the new CA Datacom/DB Version 12.0 feature of Multi-Dataset Index (MDI), may get a RC 4(47) if the user re-catalogs the database definition using CA Datacom Datadictionary to use a single dataset index (IXX only) and then opens the database.</p> <p>SYMPTOMS: DB applications continue to get DB00501E OPEN ERROR with RC 4(47) after MDI has been removed until the Multi-User Facility (MUF) is recycled.</p> <p>IMPACT: DB applications for the affected DBIDs may fail.</p> <p>CIRCUMVENTION: Recycle the MUF before opening the database that has been modified to use IXX only.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0 CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4728</p> <p>Copyright (C) 2013 CA. All rights reserved. R00877-DCM120-SP1</p> <p>DESC(RC 04(47) DURING OPEN AFTER BACKING OUT MULTI-DATASET INDEX) . ++VER (Z038) FMID (CBDC000) PRE (R009989 RO11146 RO21899 RO35507 RO41721 RO44810 RO49660) SUP (RO17761 RO20786 RO29332 RO31100 RO37862 RO41133 RO46440 TR17761 TR20786 TR29332 TR31100 TR37862 TR41133 TR44194 TR46440 TR51978 TR60891 TR62655)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO62659 Details

Release	Service	Details
12.0	RO62659	<p>RO62659 M.C.S. ENTRIES = ++PTF (RO62659)</p> <p>LEFT JOIN CONVERTED TO INNER JOIN WITH VIEW</p> <p>PROBLEM DESCRIPTION:</p> <p>The WHERE clause of a view has always been merged with the WHERE clause of the query referencing the view, but this effectively turns a LEFT join into an INNER join when the view is the right-side, non-preserved table of a LEFT join. This is because the predicate(s) of the view WHERE reject any preserved rows with null values for columns of the view.</p> <p>This solution merges the view's WHERE clause with the containing join's ON clause, so if the join is a LEFT join, it is not converted to an INNER join.</p> <p>If the view is not an operand of a join, then its WHERE clause continues to be merged with the query's WHERE clause.</p> <p>Note that unless the view has a WHERE clause, and the view is the right-side operand of a LEFT join, there is no error, and this solution has no effect.</p> <p>SYMPTOMS:</p> <p>Fewer rows are returned since non-matching rows are eliminated.</p> <p>IMPACT:</p> <p>Such queries return wrong results.</p> <p>CIRCUMVENTION:</p> <p>Move the view WHERE to the query's LEFT join ON clause.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0</p> <p>Release 14.0</p> <p>Star Problem(s):</p> <p>SQL 1907</p> <p>Copyright (C) 2013 CA. All rights reserved. R00878-DCM120-SP1</p> <p>DESC(LEFT JOIN CONVERTED TO INNER JOIN WITH VIEW) .</p> <p>++VER (Z038)</p> <p>FMID (CVEC000)</p> <p>PRE (RO09311 RO15710 RO20663 RO52637)</p> <p>SUP (AR40335 RO32674 RO40335 RO48852 TR32674 TR40335</p> <p>TR48852 TR62659)</p> <p>++HOLD (RO62659) SYSTEM FMID(CVEC000)</p> <p>REASON (SQLBIND) DATE (13253)</p> <p>COMMENT (</p> <p>Product: CA Datacom SQL Release 12.0</p> <p>Sequence: Rebind affected plans after applying this solution.</p> <p>Purpose: This will replace the old plan with a plan using the new code.</p> <p>Relevance: Apply to affected plans.</p> <p>Knowledge required:</p> <p>The DBSRFPR SQL Rebind Facility utility can be used to perform the rebind.</p> <p>Access required: Authority to execute DBSRFPR</p> <p>Steps to Perform: Apply solution, execute DBSRFPR.</p> <p>).</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO62770 Details

Release	Service	Details
12.0	RO62770	<p>RO62770 M.C.S. ENTRIES = ++PTF (RO62770)</p> <p>SHADOW MUF DIES WITH RC 76(09) DURING TAKEOVER</p> <p>PROBLEM DESCRIPTION: CA Datacom/DB Shadow MUF may abort with a RC 76(09) (insufficient number of tracks) when opening an Index Partition (Inn). The problem occurs only if one or more Dynamic Extends against that Inn result in the file requiring one or more additional volumes.</p> <p>SYMPTOMS: A Shadow MUF aborts with RC 76(09) during takeover from the Primary MUF.</p> <p>IMPACT: The Shadow MUF is not able to take over to become a Primary MUF.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0 CA Datacom/DB Release 14.0</p> <p>Star Problem(s): DB 4815</p> <p>Copyright (C) 2013 CA. All rights reserved. R00879-DCM120-SP1</p> <p>DESC(SHADOW MUF DIES WITH RC 76(09) DURING TAKEOVER) . ++VER (Z038) FMID (CBDC000) PRE (R009989 R011146 R021899 R035507 R041721 R044810 R049660) SUP (R017761 R020786 R029332 R031100 R037862 R041133 R046440 R062655 TR17761 TR20786 TR29332 TR31100 TR37862 TR41133 TR44194 TR46440 TR51978 TR60891 TR62655 TR62770)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO62802 Details

Release	Service	Details
12.0	RO62802	<p>RO62802 M.C.S. ENTRIES = ++PTF (RO62802)</p> <p>-999 MISC MEM_CHAIN INVALID WITH CREATE VIEW</p> <p>PROBLEM DESCRIPTION: The CREATE VIEW statement sets an ending null terminator (x'00') one byte past allocated memory which can sometimes overlay the next allocated memory segment. If the header structure of the next segment is overlaid, SQL gives -999 SQLCODE.</p> <p>-999 SQLCODE.</p> <p>SYMPTOMS: CREATE VIEW sometimes is rejected with -999 SQLCODE MEMORY CHAIN OVERLAY error.</p> <p>IMPACT: The CREATE VIEW request must be re-executed until it succeeds.</p> <p>CIRCUMVENTION: Usually just re-executing the statement will succeed.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0</p> <p>Release 14.0</p> <p>Star Problem(s): SQL 1909</p> <p>Copyright (C) 2013 CA. All rights reserved. R00882-DCM120-SP1</p> <p>DESC(-999 MISC MEM_CHAIN INVALID WITH CREATE VIEW) . ++VER (Z038) FMID (CVEC000) PRE (RO09311) SUP (TR62802)</p>

CA Datacom/DB 12.0
 CA RS 1312 - PTF RO63196 Details

Release	Service	Details
12.0	RO63196	<p>RO63196 M.C.S. ENTRIES = ++PTF (RO63196)</p> <p>DB21032W MESSAGE INCORRECT</p> <p>PROBLEM DESCRIPTION: The message text for DB21032W is incorrect.</p> <p>SYMPTOMS: The text for a warning message comes out as INVALID/OBSOLETE ERROR CODE instead of OPTION VALUE NOT A VALID NUMERIC.</p> <p>IMPACT: The user may be confused and not know how to correct the problem.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom SQL Release 12.0</p> <p>CA Datacom SQL Release 14.0</p> <p>Star Problem(s): SQL 1911</p> <p>Copyright (C) 2013 CA. All rights reserved. R00889-DCM120-SP1</p> <p>DESC(DB21032W MESSAGE INCORRECT) . ++VER (Z038) FMID (CVEC000) PRE (RO11739 RO11833 RO15613 RO25039) SUP (RO14047 RO16292 RO16975 RO26535 RO29391 RO30500 RO34649 TR14047 TR16292 TR16975 TR26535 TR29191 TR29391 TR30500 TR34649 TR63196)</p>

CA Datacom/DB 12.0
CA RS 1312 - PTF RO64821 Details

Release	Service	Details
12.0	RO64821	<p>RO64821 M.C.S. ENTRIES = ++PTF (RO64821)</p> <p>SERIOUS PROBLEM AFFECTING HIGH USE MARK ONLY IN MUFPLEX</p> <p>PROBLEM DESCRIPTION:</p> <p>A problem has been reported that can result in missing data in GETPS (get physical) processing or in data loss involving physical sequence backups and loads. This is because the High Used Mark can fail to be updated as the file grows.</p> <p>Those affected by this problem are *only* those that meet *all* the following three conditions in their environments. If all the following are not true, the environment is not exposed to the problem.</p> <ol style="list-style-type: none"> 1. The CXX has the Data High Used Mark option set to YES. 2. The Multi-User Facility (MUF) is running in full MUFplex mode or has run in MUFplex mode since it was started. This includes Mode A and Mode B. Mode S (Shadow) is also affected -- but only potentially during MIGRATE_TO_SHADOW processing, not during failover processing. 3. Simultaneous maintenance to the same area has occurred from multiple MUFs in the MUFplex environment. This would include both adding records to the table and updating compressed records such that they become larger. <p>SYMPTOMS:</p> <p>Under certain conditions, the High Used Mark can fail to be updated as the file fills. GETPS processing may stop reading through the file prematurely, thinking the end of data has been reached. If a physical sequence backup is taken, it can back up less than all the data. If that physical backup is used as input to a LOAD, the data that wasn't backed up can become inaccessible.</p> <p>IMPACT:</p> <p>While the conditions under which the problem occurs are very narrow, this is a serious data integrity concern.</p> <p>CIRCUMVENTION:</p> <p>Until affected customers (conditions 1-3 above) can apply the PTF, CA Technologies strongly recommends that the Data High Use Mark feature in their CXX be turned off. Note that unless conditions 2 and 3 above exist, there is no problem in using the High Used Mark feature.</p> <p>Customers who want to deactivate the High Used Mark feature, should execute DBUTLTY in all affected MUF(s) with the following control statement:</p> <p>CXXMAINT ALTER,OPTION2=N_DATAHU</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Release 12.0</p> <p>CA Datacom/DB Release 14.0</p> <p>Star Problem(s):</p> <p>DB 4845</p> <p>Copyright (C) 2013 CA. All rights reserved. R00897-DCM120-SP1</p> <p>DESC(SERIOUS PROBLEM AFFECTING HIGH USE MARK ONLY IN MUFPLEX) .</p> <p>++VER (Z038)</p> <p>FMID (CBDC000)</p> <p>PRE (RO10351 RO19101 RO30285 RO37314 RO37856 RO40831 RO48333 RO51180 RO51191 RO54039)</p> <p>SUP (RO10552 RO14516 RO22258 RO23121 RO23993 RO24554 RO25601 RO47744 RO50825 RO60585 RO60797 TR10552 TR14516 TR22258 TR23121 TR23993 TR24554 TR25601 TR47744 TR50421 TR50825 TR51386 TR60585 TR60797 TR64821)</p>