

CA Datacom/DB 15.1
CA RS 2011 Service List

1

Service	Description	Type
S014067	ENHANCEMENT: TRACK DBINRPR VERSIONS BEING USED	PTF
S014423	SQL CREATE DATABASE RETURNS -20 SQLCODE WITH DYN_EXT_SIZE	PTF
S014578	SQLCODE -999 MEMORY AT XXXXXXXX ALREADY FREED WITH DYN SQL	** PRP **
S014667	SQLCOE -20 SYNTAX ERROR USING QUERYNO WITH CREATE BASE/AREA	PTF
S014813	POOR PERFORMANCE FOR SOME "ON" INNER JOINS AFTER S011629	** PRP **
S014818	DBUTLTY REPORT TYPE=H WITHOUT DBID GETS EMPTY REPORT, CC=0	PTF
S014825	SQL MONITOR SHOWS NO DETAILS FOR NESTED TABLE EXPRESSION	PTF
S014851	CODE FOR FUTURE ENHANCEMENT	PTF
S014998	INIT IXX WITH VERIFY=YES GETS RC 43(3) AFTER FAILED LOAD	PTF
S015165	ENHANCEMENT TO SUPPORT FORMAT TEMPLATES IN TO_DATE FUNCTION	PTF
S015186	31 BIT STORAGE OVER ALLOCATED WITH X_DATA_MEMORY_GUARD	PTF
S015224	SOC4 IN STRSERV +0030E8 GROUP BY EXPRESSION WITH NTE	PTF
S015286	SVL ERRORS RUNNING A DETAIL REPORT ON DATABASE OR AREA	PTF
The CA RS 2011 service count for this release is 13		

CA Datacom/DB
CA RS 2011 Service List for CAADF10

2

FMID	Service	Description	Type
CAADF10	SO14851	CODE FOR FUTURE ENHANCEMENT	PTF
	SO15286	SVL ERRORS RUNNING A DETAIL REPORT ON DATABASE OR AREA	PTF
The CA RS 2011 service count for this FMID is 2			

CA Datacom/DB
CA RS 2011 Service List for CABDF10

3

FMID	Service	Description	Type
CABDF10	S014067	ENHANCEMENT: TRACK DBINRPR VERSIONS BEING USED	PTF
	S014818	DBUTLTY REPORT TYPE=H WITHOUT DBID GETS EMPTY REPORT, CC=0	PTF
	S014998	INIT IXX WITH VERIFY=YES GETS RC 43(3) AFTER FAILED LOAD	PTF
	S015186	31 BIT STORAGE OVER ALLOCATED WITH X_DATA_MEMORY_GUARD	PTF
The CA RS 2011 service count for this FMID is 4			

CA Datacom/DB
CA RS 2011 Service List for CAVEF10

FMID	Service	Description	Type
CAVEF10	SO14423	SQL CREATE DATABASE RETURNS -20 SQLCODE WITH DYN_EXT_SIZE	PTF
	SO14578	SQLCODE -999 MEMORY AT XXXXXXXX ALREADY FREED WITH DYN SQL	** PRP **
	SO14667	SQLCOE -20 SYNTAX ERROR USING QUERYNO WITH CREATE BASE/AREA	PTF
	SO14813	POOR PERFORMANCE FOR SOME "ON" INNER JOINS AFTER SO11629	** PRP **
	SO14825	SQL MONITOR SHOWS NO DETAILS FOR NESTED TABLE EXPRESSION	PTF
	SO15165	ENHANCEMENT TO SUPPORT FORMAT TEMPLATES IN TO_DATE FUNCTION	PTF
	SO15224	SOC4 IN STRSERV +0030E8 GROUP BY EXPRESSION WITH NTE	PTF
The CA RS 2011 service count for this FMID is 7			

Service	Details
SO14067	SO14067 M.C.S. ENTRIES = ++PTF (SO14067) ENHANCEMENT: TRACK DBINRPR VERSIONS BEING USED ENHANCEMENT DESCRIPTION: This product enhancement delivers code which provides support for a new feature which tracks each different interface module (DBINRPR) that connects to a CA Datacom/DB Multi-User Facility (MUF). PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5673 Copyright (C) 2020 CA. All rights reserved. R00746-DCM151-SP2 DESC(ENHANCEMENT: TRACK DBINRPR VERSIONS BEING USED). ++VER (Z038) FMID (CABDF10) PRE (R088469 R088863 R090075 R090276 R090486 R090903 R091015 R091632 R092259 R092858 R093251 R093647 R094001 R094095 R095667 R096133 R096300 R096499 R096852 R097382 R097818 R098364 R099532 S000007 S001597 S003799 S003879 S006365 S006748 S006840 S007835 S008300 S008500 S008926 S009648 S011906 S012178 S013716 S014095 S014507) SUP (R097743 SC90081 S003770 S003985 S007008 S007530 S010095 S010261 ST03770 ST03985 ST07008 ST07530 ST10095 ST10261 ST13837 ST14067 TR97743) ++HOLD (SO14067) SYSTEM FMID(CABDF10) REASON (DOC) DATE (20282) COMMENT (+-----+ CA Datacom/DB

Service	Details
SO14423	SO14423 M.C.S. ENTRIES = ++PTF (SO14423) SQL CREATE DATABASE RETURNS -20 SQLCODE WITH DYN_EXT_SIZE PROBLEM DESCRIPTION: When using SQL CREATE DATABASE statement using DYN_EXT_SIZE the query fails with a -20 SQLCODE. SYMPTOMS: The query fails with a -20 SQLCODE. IMPACT: The query fails with a -20 SQLCODE and the database is not created. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.0 CA Datacom SQL Release 15.1 Related Problem: SQL 2246 Copyright (C) 2020 CA. All rights reserved. R00765-DCM151-SP2 DESC(SQL CREATE DATABASE RETURNS -20 SQLCODE WITH DYN_EXT_SIZE). ++VER (Z038) FMID (CAVEF10) PRE (R090155 R097131 S001886 S005243 S005343 S007544 S008801 S010328 S010335 S011629 S012497 S013742) SUP (AS06174 R099964 S006174 S006999 ST06174 ST06999 ST14423 TR99964)

Service	Details
SO14578	SO14578 M.C.S. ENTRIES = ++PTF (SO14578) SQLCODE -999 MEMORY AT XXXXXXXX ALREADY FREED WITH DYN SQL PROBLEM DESCRIPTION: After applying PTF SO11629, Dynamic SQL cursors generate SQLCODE -999 errors saying "memory already freed" on the CLOSE CURSOR request. SYMPTOMS: The SQL PXX or SYSOUT contains many SQLCODE -999 errors. IMPACT: Since the return code on CURSOR CLOSE (which can be generated from a COMMIT/ROLLBACK WORK) are not usually checked by an application, the only impact is usually the overhead of producing the dump output. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2248 Copyright (C) 2020 CA. All rights reserved. R00773-DCM151-SP2 DESC(SQLCODE -999 MEMORY AT XXXXXXXX ALREADY FREED WITH DYN SQL) . ++VER (Z038) FMID (CAVEF10) PRE (R092064 S004197 S004243 S009551 S011192 S011629) SUP (BS11629 R093821 ST14578 TR93821)

Service	Details
SO14667	SO14667 M.C.S. ENTRIES = ++PTF (SO14667) SQLCOE -20 SYNTAX ERROR USING QUERYNO WITH CREATE BASE/AREA PROBLEM DESCRIPTION: The problem only affects Datacom AD products. To make DDL changes in an AD Multi-User Facility (MUF), the QUERYNO clause must be used. The SQL grammar is preventing the use of QUERYNO for CREATE/ALTER DATABASE/AREA. SYMPTOMS: The request is rejected with SQLCODE -20 with the last term being QUERYNO. IMPACT: These statements cannot be processed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2249 Copyright (C) 2020 CA. All rights reserved. R00776-DCM151-SP2 DESC(SQLCOE -20 SYNTAX ERROR USING QUERYNO WITH CREATE BASE/AREA). ++VER (Z038) FMID (CAVEF10) PRE (SO01886 SO05243 SO05343 SO06396 SO07544 SO08452 SO09437 SO10328 SO10335 SO11629 SO12497 SO13742) SUP (RO94696 SO04927 ST04927 ST14667 TR94696)

Service	Details
S014813	S014813 M.C.S. ENTRIES = ++PTF (S014813) POOR PERFORMANCE FOR SOME "ON" INNER JOINS AFTER S011629 PROBLEM DESCRIPTION: PTF S011629 provided better performance by evaluating predicates referencing columns in previous joins. However, in the case of ON using OR'd predicates from the outer table of the first join, the predicates are now not passed to the Compound Boolean Facility (CBS) where index scan range can be restricted when reading the outer table. Example: <pre>SELECT * FROM T2250A T1 INNER JOIN T2250B T2 ON (T1.COL1 = 'A1' OR T1.COL1 = 'B1') AND T1.COL1 = T2.COL1 ;</pre> The predicates under the OR should be passed to CBS when reading T1. SYMPTOMS: For such queries, performance is not as good as before. IMPACT: Such queries can perform with unacceptable performance. CIRCUMVENTION: If using an INNER JOIN, move the OR'd predicates to the WHERE clause. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2250 Copyright (C) 2020 CA. All rights reserved. R00784-DCM151-SP2 DESC(POOR PERFORMANCE FOR SOME "ON" INNER JOINS AFTER S011629) . ++VER (Z038) FMID (CAVEF10) PRE (S001886 S007544 S009437 S011629) SUP (CS11629 ST14813)

Service	Details
SO14818	SO14818 M.C.S. ENTRIES = ++PTF (SO14818) DBUTLTY REPORT TYPE=H WITHOUT DBID GETS EMPTY REPORT, CC=0 PROBLEM DESCRIPTION: DBID= is a required parameter for a DBUTLTY REPORT TYPE=H (history). However, if it is omitted, the function ends with condition code 0 and an empty report output, instead of ending with an error and message: DB10013E REQUIRED KEYWORD MISSING SYMPTOMS: DBUTLTY REPORT TYPE=H does not recognize DBID= as a required parameter and produces an empty report with condition code 0 if it was not specified. IMPACT: The empty report is confusing, since there is no indication that no DBID was specified. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Version 15.0 CA Datacom/DB Release 15.1 Related Problem: DB 5691 Copyright (C) 2020 CA. All rights reserved. R00785-DCM151-SP2 DESC(DBUTLTY REPORT TYPE=H WITHOUT DBID GETS EMPTY REPORT, CC=0). ++VER (Z038) FMID (CABDF10) PRE (R089666 R090486 R090903 R091015 R092259 R093647 R094095 R095761 R097700 R099532 R099997 S003799 S003825 S005360 S006815 S008300 S010748 S011403) SUP (R091631 R093436 S011673 S012632 S013593 S013667 ST11673 ST12632 ST13593 ST13667 ST14818 TR91631 TR93436)

Service	Details
SO14825	SO14825 M.C.S. ENTRIES = ++PTF (SO14825) SQL MONITOR SHOWS NO DETAILS FOR NESTED TABLE EXPRESSION PROBLEM DESCRIPTION: The query detail statistics are all zero for a Nested Table Expression in the SQL Monitor. SYMPTOMS: Only one row is shown for the NTE, and it is all zeros. IMPACT: It is not possible to tune a query using NTEs. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2244 Copyright (C) 2020 CA. All rights reserved. R00786-DCM151-SP2 DESC(SQL MONITOR SHOWS NO DETAILS FOR NESTED TABLE EXPRESSION). ++VER (Z038) FMID (CAVEF10) PRE (R090216 R090826 R095978 S000890 S001886 S004034 S004197 S005190 S005935 S007468 S007544 S008017 S008336 S008452 S011326 S011629 S012861) SUP (AR90216 AR90826 AS05190 DC92212 R089521 R092282 R095609 R099972 S004152 S005352 S005417 S006750 S014297 S014369 ST04152 ST05352 ST05417 ST06750 ST08489 ST10139 ST10151 ST10304 ST14297 ST14369 ST14825 TR89521 TR92282 TR95609 TR99972)

Service	Details
SO14851	SO14851 M.C.S. ENTRIES = ++PTF (SO14851) CODE FOR FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: This product enhancement delivers updated code which will form the basis for future code changes. PRODUCT(S) AFFECTED: CA Datacom Datadictionary Release 15.1 Related Problem: DD 2210 Copyright (C) 2020 CA. All rights reserved. R00787-DCM151-SP2 DESC(CODE FOR FUTURE ENHANCEMENT) . ++VER (Z038) FMID (CAADF10) PRE (R095097 R098231) SUP (R090950 ST14851 TR90950)

Service	Details
SO14998	SO14998 M.C.S. ENTRIES = ++PTF (SO14998) INIT IXX WITH VERIFY=YES GETS RC 43(3) AFTER FAILED LOAD PROBLEM DESCRIPTION: After a failed or cancelled DBUTLTY LOAD or RETIX with OPTIMIZE=YES, a DBUTLTY INIT of the index with VERIFY=YES as well as a DBUTLTY REINIT (which requires VERIFY=YES) fail with return code 43 (3) and message: DB13001E - UNEXPECTED RETURN CODE 43 (3) INDEX UNUSABLE DUE TO LOAD/RETIX OPTIMIZE ERR SYMPTOMS: The INIT or REINIT of the index fails with the above return code and message. IMPACT: The INIT or REINIT function cannot be performed with VERIFY=YES. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5694 Copyright (C) 2020 CA. All rights reserved. R00793-DCM151-SP2 DESC(INIT IXX WITH VERIFY=YES GETS RC 43(3) AFTER FAILED LOAD). ++VER (Z038) FMID (CABDF10) PRE (R088530 R088863 R090903 R091015 R091404 R091632 R091648 R092259 R092441 R092858 R094095 R096440 R097382 R097757 R097893 R098604 R099675 R099902 S000074 S003825 S003827 S003941 S004095 S004931 S006692 S006815 S007233 S008622 S010109 S010748 S011247 S011403 S011678 S011906 S011975 S012203 S013594 S013716 S014296) SUP (R093092 S001439 S001888 S007496 S009219 S010416 S010720 S012636 S012771 S013090 S013189 S013991 ST01439 ST01888 ST07496 ST09219 ST10416 ST10720 ST11396 ST12636 ST12771 ST13090 ST13189 ST13991 ST14998 TR93092)

Service	Details
SO15165	SO15165 M.C.S. ENTRIES = ++PTF (SO15165) ENHANCEMENT TO SUPPORT FORMAT TEMPLATES IN TO_DATE FUNCTION ENHANCEMENT DESCRIPTION: This enhancement adds support for format templates to the TO_DATE function. The value of a format template determines how the expression is interpreted and then converted to a timestamp value. Both the expression and the format template must be values that are a built-in CHAR or VARCHAR data type. A valid format template must contain at least one format element, must not contain multiple specifications for any component of a timestamp, and can contain any combination of the format elements. Supported format elements: YYYY 4-digit year (0000-9999) YY Last two digits of the year (00-99). First two digits of the current year are used to determine the full 4-digit year MM Month (01-12) DD Day of month (01-31) HH24 Hour of the day (00-24) in 24-hour format MI Minute (00-59) SS Seconds (00-59) NNNNNN Microseconds (000000-999999) Two format elements can optionally be separated by one or more of the separator characters (' ', '-', '.', '/', ':'). These separator characters can be used in any combination in the format string. Separator characters specified in a format template are used to separate components and are not required to match the separator characters specified in the expression. Leading zeros can be specified for any component of the timestamp value. A substring of the string-expression representing a component of a timestamp (such as year, month, day, hour, minutes, seconds) can include less than the maximum number of digits for that component of the timestamp indicated by the corresponding format element. Any missing digits default to zero. EXAMPLES: TO_DATE('1978-05-06 12:13:14', 'YYYY-MM-DD HH24:MI:SS') Returns '1978-05-06-12.13.14.000000' TO_DATE('05/06/1978 12:00', 'MM/DD/YYYY HH24:MI') Returns '1978-05-06-12.00.00.000000' PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2252 Copyright (C) 2020 CA. All rights reserved. R00796-DCM151-SP2 DESC(ENHANCEMENT TO SUPPORT FORMAT TEMPLATES IN TO_DATE FUNCTION). ++VER (Z038) FMID (CAVEF10) PRE (R090826 S001886 S004243 S005343 S005935 S006396 S006440 S006473 S007544 S008801 S010328 S010335 S012497 S013742 S014725) SUP (AR90044 IC92212 R090044 S006412 S010467 S010702 S013055 S014147 ST06412 ST10244 ST10467 ST10702 ST13055 ST14147 ST14983 ST15165 TR89785 TR90044) ++HOLD (SO15165) SYSTEM FMID(CAVEF10)

Service	Details
	REASON (DOC) DATE (20286) COMMENT (<pre> +-----+ CA Datacom SQL Release 15.1 +-----+ ***** * PUBLICATION * ***** The value of a format template determines how the expression is interpreted and then converted to a timestamp value. Supported format elements: YYYY 4-digit year (0000-9999) YY Last two digits of the year (0099). First two digits of the current year are used to determine the full 4-digit year MM Month (01-12) DD Day of month (01-31) HH24 Hour of the day (00-24) in 24-hour format MI Minute (00-59) SS Seconds (00-59) NNNNNN Microseconds (000000-999999) Two format elements can optionally be separated by one or more of the separator characters (' ', '-', '.', '/', ':'). Examples TO_DATE('1978-05-06 12:13:14', 'YYYY-MM-DD HH24:MI:SS') Returns '1978-05-06-12.13.14.000000' TO_DATE('05/06/1978 12:00', 'MM/DD/YYYY HH24:MI') Returns '1978-05-06-12.00.00.000000').</pre>

Service	Details
SO15186	SO15186 M.C.S. ENTRIES = ++PTF (SO15186) 31 BIT STORAGE OVER ALLOCATED WITH X_DATA_MEMORY_GUARD PROBLEM DESCRIPTION: If "X_DATA_MEMORY_GUARD YES" is specified in the CA Datacom/DB Multi-User Facility (MUF) startup options, excessive 31 bit storage may be allocated in the 31 bit buffer pool. This will occur if the corresponding data buffers reside in 64 bit memory, which is the norm. Since X_DATA_MEMORY_GUARD is intended only to be used when recommended by Datacom support, the problem is rare. SYMPTOMS: MUF consumes too much 31 bit storage in the "BUFS" memory pool. IMPACT: MUF consumes more 31 bit storage than it needs. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Version 15.0 CA Datacom/DB Release 15.1 Related Problem: DB 5697 Copyright (C) 2020 CA. All rights reserved. R00799-DCM151-SP2 DESC(31 BIT STORAGE OVER ALLOCATED WITH X_DATA_MEMORY_GUARD). ++VER (Z038) FMID (CABDF10) PRE (R088530 R090075 R090276 R090486 R091015 R091632 R092259 R092858 R093251 R094001 R095548 R095667 R097082 R097626 R097818 R099532 R099902 S001597 S003799 S006365 S006692 S007900 S008120 S009683 S014507) SUP (S000035 S005278 S010571 ST00035 ST05278 ST10571 ST15186)

Service	Details
SO15224	SO15224 M.C.S. ENTRIES = ++PTF (SO15224) SOC4 IN STRSERV +0030E8 GROUP BY EXPRESSION WITH NTE PROBLEM DESCRIPTION: The Multi-User Facility (MUF) abnormally terminates when a query contains a Nested Table Expression (NTE) with a GROUP BY expression. Example: <pre>SELECT TOP10.YTD_WAGES FROM TABLE(SELECT 0 - A.YTD_WAGES, MAX(A.YTD_WAGES) YTD_WAGES FROM SYSUSR.PAYROLL A GROUP BY 0 - A.YTD_WAGES) TOP10 QUERYNO 225401;</pre> SYMPTOMS: MUFabend is in DBSRPPR module STRSERV at offset +0030E8. IMPACT: MUF must be restarted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2254 Copyright (C) 2020 CA. All rights reserved. R00801-DCM151-SP2 DESC(SOC4 IN STRSERV +0030E8 GROUP BY EXPRESSION WITH NTE) . ++VER (Z038) FMID (CAVEF10) PRE (R090216 R090826 S001886 S005190 S007544 S008336 S008452 S011629 S012861 S014297 S014825) SUP (AR90216 AS05190 R089521 R092282 S006750 ST06750 ST08489 ST10151 ST10304 ST15224 TR89521 TR92282)

Service	Details
SO15286	SO15286 M.C.S. ENTRIES = ++PTF (SO15286) SVL ERRORS RUNNING A DETAIL REPORT ON DATABASE OR AREA PROBLEM DESCRIPTION: Using CA Datadictionary's DDUTILITY to produce a DETAIL report for a database or area occurrence results in an SVL error. This error is only produced if the profile of the user is \$DD-DIS or \$DD-UPD. This error is produced as a result of an incorrect definition of the AUTHID column in the Database and Area tables. SYMPTOMS: Executing DDUTILITY to produce a DETAIL report for either a database or area occurrence will result in the error: **** ERROR **** RETURN CODE = DDTSVL0210 INTERNAL - SERVICE LIST ERROR AUTHID NOT RETRIEVABLE IMPACT: The report cannot be run. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom Datadictionary Release 12.0 CA Datacom Datadictionary Version 15.0 CA Datacom Datadictionary Release 15.1 Related Problem: DD 1942 Copyright (C) 2020 CA. All rights reserved. R00804-DCM151-SP2 DESC (SVL ERRORS RUNNING A DETAIL REPORT ON DATABASE OR AREA) . ++VER (Z038) FMID (CAADF10) PRE (R097607) SUP (ST15286) ++HOLD (SO15286) SYSTEM FMID(CAADF10) REASON (ACTION) DATE (20294) COMMENT (<pre> +-----+ CA Datacom Datadictionary Release 15.1 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Update attribute access information. +-----+-----+ USERS AFFECTED All +-----+-----+ KNOWLEDGE REQUIRED Datadictionary Administrator +-----+-----+ ACCESS REQUIRED Must be able to execute DDUPDATE and DDCFBLD utilities +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Apply this SYSMOD with: 'BYPASS (HOLDSYSTEM(ACTION))'. 2. Apply the transactions contained in source member AAD01942 using </pre>

Service	Details	
	the DDUPDATE utility.	
	3. After these transactions have been successfully applied, execute an HSD RESET using the DDCFB LD utility to activate the modifications.	
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MCS	SO14067	STARTS ON PAGE 0002
MCS	SO14423	STARTS ON PAGE 0003
MCS	SO14578	STARTS ON PAGE 0003
MCS	SO14667	STARTS ON PAGE 0004
MCS	SO14813	STARTS ON PAGE 0005
MCS	SO14818	STARTS ON PAGE 0006
MCS	SO14825	STARTS ON PAGE 0007
MCS	SO14851	STARTS ON PAGE 0007
MCS	SO14998	STARTS ON PAGE 0008
MCS	SO15165	STARTS ON PAGE 0009
MCS	SO15186	STARTS ON PAGE 0011
MCS	SO15224	STARTS ON PAGE 0012
MCS	SO15286	STARTS ON PAGE 0013

CA Datacom/DB 15.1
CA RS 2011 Product/Component Listing

20

Product Family	Product	Release
Database	CA DATACOM DATADictionary	15.01.00
	CA DATACOM FAST RESTORE	15.01.00
	CA DATACOM METACOBOL SUPPORT	15.01.00
	CA DATACOM PRESSPACK	15.01.00
	CA DATACOM SQL	15.01.00
	CA DATACOM/DB	15.01.00
	CA DATAQUERY FOR CA DATACOM	15.01.00
The CA RS 2011 Product/Component Count for this release is 7		

CA RS Level	Service	FMID
CAR2011	S015286	CAADF10
	S015224	CAVEF10
	S015186	CABDF10
	S015165	CAVEF10
	S014998	CABDF10
	S014851	CAADF10
	S014825	CAVEF10
	S014818	CABDF10
	S014813	CAVEF10
	S014667	CAVEF10
	S014578	CAVEF10
	S014423	CAVEF10
	S014067	CABDF10
CAR2010	S015008	CABDF10
	S014951	CABDF10
	S014911	CABDF10
	S014804	CAVEF10
	S014800	CAADF10
	S014765	CABDF10
	S014725	CAVEF10
	S014724	CABDF10
	S014651	CABDF10
	S014542	CABDF10
	S014507	CABDF10
	S014334	CABDF10
	S014297	CAVEF10
	S014271	CAVEF10
	S014100	CABDF10
	S014095	CABDF10
CAR2009	S014600	CAADF10
	S014495	CABDF10
	S014493	CAADF10
	S014369	CAVEF10
	S014359	CABDF10
	S014345	CABDF11
	S014296	CABDF10
	S014256	CABDF10
	S014169	CABDF10
	S014147	CAVEF10
	S014105	CAVEF10
	S014079	CABDF10
	S013992	CAVEF10
	S013892	CAVEF10
	S011882	CABDF10
CAR2008	S014115	CABDF10
	S014070	CABDF10
	S014068	CAVEF10

CA RS Level	Service	FMID
	S013991	CABDF10
	S013902	CAVEF10
	S013882	CABDF10
	S013810	CAADF10
	S013742	CAVEF10
	S013740	CABDF10
	S013739	CAVEF10
	S013716	CABDF10
	S013630	CAVEF10
	S013594	CABDF10
	S013581	CABDF10
	S013544	CAVEF10
	S013526	CAVEF10
	S013441	CAADF10
	S013286	CAVEF10
	S013249	CABDF10
	S013055	CAVEF10
CAR2007	S013667	CABDF10
	S013593	CABDF10
	S013463	CABDF10
	S013425	CABDF10
	S013398	CABDF10
	S013370	CABDF10
	S013173	CAVEF10
	S013156	CABDF10
	S013145	CAVEF10
	S013102	CAVEF10
	S013090	CABDF10
CAR2006	S013189	CABDF10
	S013162	CABDF10
	S013093	CAVEF10
	S013040	CABDF10
	S012962	CAVEF10
	S012932	CABDF10
	S012861	CAVEF10
	S012743	CAVEF10
	S011965	CABDF10
	S011513	CABDF10
CAR2005	S012828	CABDF10
	S012809	CABDF10
	S012776	CABDF10
	S012771	CABDF10
	S012636	CABDF10
	S012632	CABDF10
	S012601	CAVEF10
	S012557	CAVEF10
	S012504	CAVEF10

CA RS Level	Service	FMID
	S012497	CAVEF10
	S012203	CABDF10
	S012178	CABDF10
	S011951	CABDF10
	S006944	CABDF11
CAR2004	S012202	CAADF10
	S012165	CABDF10
	S012048	CABDF10
	S011975	CABDF10
	S011629	CAVEF10
	S011348	CAVEF10
CAR2003	S011932	CABDF10
	S011906	CABDF10
	S011692	CAADF10
	S011678	CABDF10
	S010586	CAVEF10
CAR2002	S011673	CABDF10
	S011571	CABDF10
	S011562	CABDF10
	S011501	CABDF10
	S011479	CABDF10
	S011436	CABDF10
	S011435	CABDF10
	S011403	CABDF10
	S011331	CABDF10
	S011326	CAVEF10
	S011247	CABDF10
	S011223	CAVEF10
	S011192	CAVEF10
	S010960	CAVEF10
	S010870	CABDF10
	S010702	CAVEF10
CAR2001	S011278	CABDF10
	S011244	CABDF10
	S010748	CABDF10
	S010720	CABDF10
	S010697	CABDF10
CAR1912	S010776	CABDF10
	S010727	CABDF10
	S010624	CABDF10
	S010580	CABDF10
	S010571	CABDF10
	S010439	CABDF10
	S009551	CAVEF10
	S008336	CAVEF10
CAR1911	S010617	CABDF10
	S010523	CAADF10

CA RS Level	Service	FMID
	S010519	CABDF10
	S010467	CAVEF10
	S010466	CAADF10
	S010462	CAADF10
	S010416	CABDF10
	S010395	CABDF10
	S010380	CAVEF10
	S010373	CABDF10
	S010335	CAVEF10
	S010328	CAVEF10
	S010261	CABDF10
	S010095	CABDF10
	S010082	CABDF10
	S009994	CAVEF10
	S009683	CABDF10
	S009437	CAVEF10
	S009190	CAVEF10
CAR1910	S010109	CABDF10
	S009919	CAADF10
	S009835	CABDF10
	S009814	CAVEF10
	S009679	CABDF10
	S009494	CABDF10
	S009474	CABDF10
CAR1909	S009749	CAADF10
	S009682	CABDF10
	S009648	CABDF10
	S009610	CABDF10
	S009543	CABDF10
	S009510	CABDF10
	S009479	CABDF10
	S009464	CABDF10
	S009367	CABDF10
	S009270	CABDF10
	S008758	CAVEF10
CAR1908	S009219	CABDF10
	S009151	CABDF10
	S009143	CABDF10
	S008933	CAVEF10
	S008913	CAADF10
	S008889	CAVEF10
	S008801	CAVEF10
	S008749	CABDF10
	S008622	CABDF10
	S008452	CAVEF10
	S008294	CABDF10
CAR1907	S009034	CABDF10

CA RS Level	Service	FMID
	S008926	CABDF10
	S008775	CABDF10
	S008697	CABDF10
	S008685	CABDF10
	S008602	CABDF10
	S008590	CABDF10
	S008488	CABDF10
	S008444	CABDF10
	S008394	CABDF10
	S008374	CAVEF10
	S008017	CAVEF10
CAR1906	S008545	CAADF10
	S008500	CABDF10
	S008300	CABDF10
	S008181	CABDF10
	S008120	CABDF10
	S008032	CABDF10
	S007557	CAVEF10
	S007544	CAVEF10
CAR1905	S008152	CABDF10
	S007948	CABDF10
	S007923	CABDF10
	S007900	CABDF10
	S007846	CABDF10
	S007835	CABDF10
	S007524	CABDF10
	S007519	CABDF10
CAR1904	S007786	CABDF10
	S007735	CAADF10
	S007733	CABDF10
	S007572	CAADF10
	S007564	CAADF10
	S007530	CABDF10
	S007496	CABDF10
	S007480	CABDF10
	S007468	CAVEF10
	S007461	CAVEF10
	S007425	CABDF10
	S007405	CABDF10
	S007233	CABDF10
	S007166	CABDF10
	S007008	CABDF10
	S006957	CABDF10
CAR1903	S007320	CABDF10
	S007262	CABDF10
	S007258	CABDF10
	S007234	CABDF10

CA RS Level	Service	FMID
	S007219	CABDF10
	S007202	CABDF10
	S007190	CABDF10
	S007141	CABDF10
	S007055	CABDF10
	S007039	CABDF10
	S007034	CABDF10
	S006999	CAVEF10
	S006945	CABDF10
	S006922	CAVEF10
	S006846	CAVEF10
	S006768	CABDF10
	S006750	CAVEF10
	S006748	CABDF10
	S004529	CAADF10
CAR1902	S007113	CABDF10
	S006840	CABDF10
	S006815	CABDF10
	S006692	CABDF10
	S006613	CABDF10
	S006547	CABDF10
	S006404	CABDF10
CAR1901	S006715	CABDF10
	S006676	CABDF10
	S006626	CAVEF10
	S006551	CABDF10
	S006519	CABDF10
	S006473	CAVEF10
	S006440	CAVEF10
	S006422	CABDF10
	S006412	CAVEF10
	S006402	CAVEF10
	S006401	CABDF10
	S006396	CAVEF10
	S006387	CAVEF10
	S006366	CABDF10
	S006365	CABDF10
	S006238	CAVEF10
	S006153	CADQF10
CAR1812	S006314	CABDF10
	S006231	CAVEF10
	S006217	CABDF10
	S006174	CAVEF10
	S006133	CABDF10
	S005985	CAADF10
	S005964	CABDF10
	S005962	CABDF10

CA RS Level	Service	FMID
	S005935	CAVEF10
	S005882	CABDF10
	S005562	CAVEF10
CAR1811	S005864	CABDF10
	S005778	CABDF10
	S005738	CABDF10
	S005708	CABDF10
	S005665	CABDF10
	S005617	CABDF10
	S005600	CAVEF10
	S005597	CABDF10
	S005583	CABDF10
	S005492	CABDF10
	S005423	CABDF10
	S005417	CAVEF10
	S005404	CABDF10
	S005360	CABDF10
	S005352	CAVEF10
	S005300	CAVEF10
	S005278	CABDF10
CAR1810	S005596	CABDF10
	S005383	CABDF10
	S005361	CABDF10
	S005343	CAVEF10
	S005301	CABDF10
	S005243	CAVEF10
	S005239	CABDF10
	S005221	CABDF10
	S005210	CAVEF10
	S005206	CABDF10
	S005190	CAVEF10
	S005131	CABDF10
	S004938	CABDF10
	S004931	CABDF10
	S004867	CAVEF10
	S004565	CABDF10
CAR1809	S005129	CABDF10
	S004997	CABDF10
	S004978	CABDF10
	S004969	CAVEF10
	S004927	CAVEF10
	S004889	CAVEF10
	S004849	CAVEF10
	S004783	CABDF10
	S004745	CABDF10
	S004559	CABDF10
	S004538	CABDF10

CA Datacom/DB 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	S004526	CABDF11
	S004485	CAADF10
	S004040	CABDF11
	S003799	CABDF10
	S003704	CABDF10
	S003692	CABDF10
CAR1808	S004357	CAVEF10
	S004298	CABDF10
	S004243	CAVEF10
	S004197	CAVEF10
	S004157	CAADF10
	S004152	CAVEF10
	S004151	CABDF10
	S004095	CABDF10
	S004057	CABDF10
	S003985	CABDF10
	S003866	CABDF10
	S003827	CABDF10
	S001837	CABDF10
CAR1807	S004096	CABDF10
	S004045	CAVEF10
	S004034	CAVEF10
	S004015	CAVEF10
	S004003	CAVEF10
	S003941	CABDF10
	S003895	CAVEF10
	S003879	CABDF10
	S003853	CABDF10
	S003825	CABDF10
	S003791	CAVEF10
	S003770	CABDF10
	S003683	CAVEF10
	S001886	CAVEF10
	S001804	CABDF10
CAR1806	S001888	CABDF10
	S001724	CABDF10
	S001708	CABDF10
	S001597	CABDF10
	S001569	CABDF10
	S001512	CAVEF10
	S001439	CABDF10
	S001350	CAVEF10
	S001277	CABDF10
	S001215	CABDF10
	S000956	CAVEF10
	S000902	CAVEF10
	S000890	CAVEF10

CA RS Level	Service	FMID
	S000167	CABDF10
CAR1805	S001443	CABDF10
	S001390	CABDF10
	S001230	CABDF10
	S001226	CABDF10
	S001212	CABDF10
	S001184	CABDF10
	S000426	CAVEF10
CAR1804	S000922	CABDF10
	S000822	CAADF15
	S000629	CABDF10
	S000599	CABDF11
	S000369	CABDF11
	S000074	CABDF10
	S000007	CABDF10
	R099997	CABDF10
	R099171	CABDF10
CAR1803	S000657	CABDF10
	S000595	CABDF10
	S000475	CABDF10
	S000436	CABDF10
	S000315	CABDF10
CAR1802	S000035	CABDF10
	R099972	CAVEF10
	R099969	CAVEF10
	R099964	CAVEF10
	R099902	CABDF10
	R099886	CABDF10
	R099738	CABDF10
	R099737	CABDF10
	R099516	CABDF10
	R099067	CABDF10
CAR1801	R099675	CABDF10
	R099532	CABDF10
	R099390	CABDF10
	R099352	CABDF10
	R099100	CABDF10
	R098976	CABDF11
	R098873	CABDF11
	R097375	CABDF11
	R096916	CABDF11
CAR1712	R099168	CAVEF10
	R099051	CAVEF10
	R099046	CADQF10
	R099007	CAVEF10
	R098973	CABDF10
	R098926	CABDF10

CA RS Level	Service	FMID
	R098879	CABDF10
	R098846	CABDF10
	R098800	CABDF10
	R098737	CABDF10
	R098604	CABDF10
	R098085	CABDF10
CAR1711	R098683	CABDF10
	R098636	CAADF10
	R098593	CABDF10
	R098521	CAVEF10
	R098427	CABDF11
	R098426	CABDF10
	R098417	CABDF10
	R098393	CABDF10
	R098364	CABDF10
	R098348	CABDF10
	R098249	CABDF10
	R098231	CAADF10
	R098220	CABDF10
	R098142	CABDF10
	R098059	CABDF10
CAR1710	R098204	CAADF10
	R098170	CAADF10
	R098086	CABDF10
	R097972	CABDF10
	R097932	CABDF10
	R097893	CABDF10
	R097868	CAADF10
	R097818	CABDF10
	R097757	CABDF10
	R097743	CABDF10
	R097729	CABDF10
	R097723	CABDF10
	R097700	CABDF10
	R097674	CABDF10
	R097607	CAADF10
CAR1709	R097677	CABDF10
	R097639	CABDF10
	R097626	CABDF10
	R097526	CABDF10
	R097493	CAADF10
	R097490	CABDF10
	R097460	CAADF10
	R097416	CABDF10
	R097392	CABDF10
	R097386	CAADF10
	R097382	CABDF10

CA RS Level	Service	FMID
	R097343	CABDF10
	R097329	CABDF10
	R097238	CABDF10
	R097236	CAVEF10
	R097225	CAVEF10
	R097209	CABDF10
	R097131	CAVEF10
	R097126	CAVEF10
	R096797	CAVEF10
	R096118	CAVEF10
	R095978	CAVEF10
CAR1708	R097082	CABDF10
	R096949	CAADF10
	R096852	CABDF10
	R096824	CABDF10
	R096821	CABDF10
	R096806	CABDF10
	R096769	CABDF10
	R096719	CABDF10
	R096617	CABDF10
	R096370	CABDF10
CAR1707	R096568	CABDF10
	R096537	CAADF10
	R096499	CABDF10
	R096447	CABDF10
	R096440	CABDF10
	R096426	CABDF10
	R096420	CABDF10
	R096403	CABDF10
	R096260	CABDF10
	R096191	CABDF10
	R095487	CAADF10
	R095386	CADQF10
CAR1706	R096346	CAADF10
	R096313	CABDF10
	R096312	CABDF10
	R096304	CAADF10
	R096300	CABDF10
	R096257	CAADF10
	R096252	CABDF10
	R096213	CABDF10
	R096204	CABDF10
	R096133	CABDF10
	R096053	CABDF10
	R095915	CABDF10
	R095833	CABDF10
	R095761	CABDF10

CA RS Level	Service	FMID
	R095719	CABDF10
	R095676	CABDF10
	R095600	CABDF10
	R095564	CABDF10
	R095097	CAADF10
	R094902	CABDF10
CAR1705	R095737	CAVEF10
	R095667	CABDF10
	R095621	CADQF10
	R095609	CAVEF10
	R095548	CABDF10
	R095352	CAVEF10
	R095305	CABDF10
	R095277	CABDF10
	R095235	CAVEF10
	R095037	CABDF10
	R094176	CABDF10
CAR1704	R095080	CABDF10
	R094912	CABDF10
	R094907	CABDF10
	R094783	CABDF10
	R094696	CAVEF10
	R094632	CABDF10
CAR1703	R094327	CABDF11
	R094324	CAVEF10
	R094280	CABDF10
	R094247	CAVEF10
	R093821	CAVEF10
	R093677	CAVEF10
	R093613	CAVEF10
	R090834	CADQF10
CAR1702	R094177	CADQF10
	R094095	CABDF10
	R094090	CABDF10
	R094085	CABDF10
	R094001	CABDF10
	R094000	CABDF10
	R093647	CABDF10
	R093616	CABDF10
	R093587	CABDF10
	R093585	CABDF10
	R093148	CABDF11
CAR1701	R093666	CAVEF10
	R093560	CAVEF10
	R093454	CABDF10
	R093450	CABDF10
	R093436	CABDF10

CA RS Level	Service	FMID
	R093373	CAADF10
	R093324	CAVEF10
	R093251	CABDF10
	R093201	CABDF10
	R093127	CABDF10
	R093092	CABDF10
	R093061	CABDF11
	R092954	CABDF10
	R092896	CAADF15
	R092891	CADQF10
	R092864	CAVEF10
	R092858	CABDF10
	R092736	CAADF10
	R092600	CABDF10
	R092507	CAADF10
	R092441	CABDF10
	R092436	CABDF10
	R092398	CABDF10
	R092282	CAVEF10
	R092277	CABDF10
	R092259	CABDF10
	R092243	CABDF10
	R092173	CAVEF10
	R092064	CAVEF10
	R092016	CABDF11
	R092009	CAVEF10
	R091992	CAVEF10
	R091930	CAVEF10
	R091845	CABDF10
	R091732	CABDF10
	R091719	CAADF10
	R091648	CABDF10
	R091632	CABDF10
	R091631	CABDF10
	R091630	CABDF10
	R091587	CABDF10
	R091515	CABDF10
	R091427	CABDF10
	R091404	CABDF10
	R091394	CABDF10
	R091352	CABDF10
	R091254	CABDF10
	R091226	CAVEF10
	R091196	CAADF10
	R091185	CAADF10
	R091180	CABDF10
	R091166	CABDF10

CA RS Level	Service	FMID
	R091165	CABDF10
	R091141	CABDF10
	R091115	CAVEF10
	R091079	CABDF10
	R091015	CABDF10
	R090950	CAADF10
	R090903	CABDF10
	R090854	CAVEF10
	R090838	CAADF10
	R090826	CAVEF10
	R090821	CABDF10
	R090729	CAADF10
	R090586	CABDF10
	R090535	CABDF10
	R090486	CABDF10
	R090397	CABDF10
	R090276	CABDF10
	R090216	CAVEF10
	R090197	CABDF10
	R090182	CABDF10
	R090179	CABDF10
	R090156	CAVEF10
	R090155	CAVEF10
	R090075	CABDF10
	R090074	CAADF10
	R090065	CABDF10
	R090044	CAVEF10
	R089842	CAVEF10
	R089839	CAVEF10
	R089666	CABDF10
	R089559	CABDF10
	R089521	CAVEF10
	R089520	CAVEF10
	R088863	CABDF10
	R088617	CAVEF10
	R088611	CAVEF10
	R088550	CAVEF10
	R088530	CABDF10
	R088480	CAVEF10
	R088479	CAVEF10
	R088475	CAVEF10
	R088469	CABDF10