

CA Datacom/AD 15.1
CA RS 2009 Service List

1

Service	Description	Type
S011872	ADD WORKFLOW XML	PTF
S011882	ADD DB Z/OSMF WORKFLOWS FOR CONFIGURATION AND UPGRADE	PTF
S013892	DBSQLPR TRUNCATING CHARACTER IN LAST COLUMN	PTF
S013992	AS COLUMN NAME IGNORED WITH NESTED TABLE EXPRESSION	PTF
S014079	SPORADIC MESSAGE DB01408E AT SHADOW MUF STARTUP	PTF
S014105	SOURCE CACHE NOT FLUSHED AFTER NEWCOPY OF DBSRPPR	PTF
S014147	ENHANCEMENT TO IMPROVE TO_DATE ERROR MESSAGES	PTF
S014169	LOOP IN APPLYCXX ADDING MULTIPLE KEYS	PTF
S014256	NEW OPTION STOP_LOOP_HANG_2_FAIL CAN CAUSE MUF ABEND	*HIP/PRP*
S014296	ABEND SOC4 IN MODULE DBDSMPR OR DBUTMPR	PTF
S014359	ADDING A KEY WITH APPLYCXX CAN GET OPEN ERROR RC 02(052)	PTF
S014369	POOR PERFORMANCE JOINING TO TABLE WITH NULL JOIN VALUES	PTF
S014493	ADD FRAMEWORK FOR FUTURE DDOL EDK ENHANCEMENTS	PTF
S014495	PXX DUMP AND RC 13(023) IN MUFPLEX DURING LPAR SHUTDOWN	PTF
S014600	DDRMFLM ERRONEOUS RETURN CODE	PTF
The CA RS 2009 service count for this release is 15		

CA Datacom/AD
CA RS 2009 Service List for CAADF10

2

FMID	Service	Description	Type
CAADF10	S014493	ADD FRAMEWORK FOR FUTURE DDOL EDK ENHANCEMENTS	PTF
	S014600	DDRMFLM ERRONEOUS RETURN CODE	PTF
The CA RS 2009 service count for this FMID is 2			

CA Datacom/AD
CA RS 2009 Service List for CAAXF10

FMID	Service	Description	Type
CAAXF10	S011872	ADD WORKFLOW XML	PTF
The CA RS 2009 service count for this FMID is 1			

CA Datacom/AD
CA RS 2009 Service List for CABDF10

FMID	Service	Description	Type
CABDF10	S011882	ADD DB Z/OSMF WORKFLOWS FOR CONFIGURATION AND UPGRADE	PTF
	S014079	SPORADIC MESSAGE DB01408E AT SHADOW MUF STARTUP	PTF
	S014169	LOOP IN APPLYCXX ADDING MULTIPLE KEYS	PTF
	S014256	NEW OPTION STOP_LOOP_HANG_2_FAIL CAN CAUSE MUF ABEND	*HIP/PRP*
	S014296	ABEND SOC4 IN MODULE DBDSMPR OR DBUTMPR	PTF
	S014359	ADDING A KEY WITH APPLYCXX CAN GET OPEN ERROR RC 02(052)	PTF
	S014495	PXX DUMP AND RC 13(023) IN MUFPLEX DURING LPAR SHUTDOWN	PTF
The CA RS 2009 service count for this FMID is 7			

CA Datacom/AD
CA RS 2009 Service List for CAVEF10

5

FMID	Service	Description	Type
CAVEF10	S013892	DBSQLPR TRUNCATING CHARACTER IN LAST COLUMN	PTF
	S013992	AS COLUMN NAME IGNORED WITH NESTED TABLE EXPRESSION	PTF
	S014105	SOURCE CACHE NOT FLUSHED AFTER NEWCOPY OF DBSRPPR	PTF
	S014147	ENHANCEMENT TO IMPROVE TO_DATE ERROR MESSAGES	PTF
	S014369	POOR PERFORMANCE JOINING TO TABLE WITH NULL JOIN VALUES	PTF
The CA RS 2009 service count for this FMID is 5			

CA Datacom/AD 15.1
CA RS 2009 - PTF SO11872 Details

6

Service	Details
S011872	S011872 M.C.S. ENTRIES = ++PTF (S011872) ADD AD Z/OSMF WORKFLOWS FOR CONFIGURATION AND UPGRADE ENHANCEMENT DESCRIPTION: This enhancement delivers the Datacom/AD z/OSMF workflows for the configuration of Datacom/AD Version 15.1 and for the Datacom/AD Version 15.1 upgrade process. PRODUCT(S) AFFECTED: CA Datacom/AD Release 15.1 Related Problem: AD 42 Copyright (C) 2020 CA. All rights reserved. R00002-AAX151-SP1 DESC(ADD WORKFLOW XML). ++VER (Z038) FMID (CAAXF10) SUP (ST11872)

CA Datacom/AD 15.1
CA RS 2009 - PTF SO11882 Details

7

Service	Details
SO11882	SO11882 M.C.S. ENTRIES = ++PTF (SO11882) ADD DB Z/OSMF WORKFLOWS FOR CONFIGURATION AND UPGRADE ENHANCEMENT DESCRIPTION: This enhancement delivers the Datacom/DB z/OSMF workflows for the configuration of Datacom/DB Version 15.1 and for the Datacom/DB Version 15.1 upgrade process. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5633 Copyright (C) 2020 CA. All rights reserved. R00682-DCM151-SP2 DESC(ADD DB Z/OSMF WORKFLOWS FOR CONFIGURATION AND UPGRADE). ++VER (Z038) FMID (CABDF10) SUP (ST11882)

Service	Details				
SO13892	SO13892 M.C.S. ENTRIES = ++PTF (SO13892) DBSQLPR TRUNCATING CHARACTER IN LAST COLUMN PROBLEM DESCRIPTION: When using the full input width of a line in DBSQLPR, the last character was being truncated. SYMPTOMS: The final character for the lines in a query would not be read in. This could cause the query to fail, or a string field to be missing characters in it. IMPACT: The query could fail due to several errors, e.g. -54 UNEQUAL NUMBER OF COLUMNS AND VALUES or strings could be missing characters. CIRCUMVENTION: Set INPUTWIDTH greater than the length of a line for the query. PRODUCT(S) AFFECTED: <table> <tr> <td>CA Datacom SQL</td><td>Release 15.0</td></tr> <tr> <td>CA Datacom SQL</td><td>Release 15.1</td></tr> </table> Related Problem: SQL 2237 Copyright (C) 2020 CA. All rights reserved. R00742-DCM151-SP2 DESC(DBSQLPR TRUNCATING CHARACTER IN LAST COLUMN). ++VER (Z038) FMID (CAVEF10) SUP (CC92212 R097236 R099969 S007461 S009190 S010586 S012504 S013093 ST01846 ST04929 ST07461 ST07727 ST09190 ST10586 ST12504 ST13093 ST13892 TR90841 TR97236 TR99969)	CA Datacom SQL	Release 15.0	CA Datacom SQL	Release 15.1
CA Datacom SQL	Release 15.0				
CA Datacom SQL	Release 15.1				

Service	Details
SO13992	SO13992 M.C.S. ENTRIES = ++PTF (SO13992) AS COLUMN NAME IGNORED WITH NESTED TABLE EXPRESSION PROBLEM DESCRIPTION: The "AS" column name in a SELECT list is ignored when the source of the column comes from a Nested Table Expression (NTE). SYMPTOMS: The name of the column is used instead of the renamed value. IMPACT: The correct column name is not used. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2232 Copyright (C) 2020 CA. All rights reserved. R00745-DCM151-SP2 DESC (AS COLUMN NAME IGNORED WITH NESTED TABLE EXPRESSION) . ++VER (Z038) FMID (CAVEF10) PRE (R090216 R090826 R095352 S001886 S006402 S007544 S009437 S012861) SUP (S006387 S013544 ST05998 ST06383 ST06387 ST13544 ST13992)

Service	Details
SO14079	SO14079 M.C.S. ENTRIES = ++PTF (SO14079) SPORADIC MESSAGE DB01408E AT SHADOW MUF STARTUP PROBLEM DESCRIPTION: When starting up a CA Datacom/DB Multi-User Facility (MUF) and shortly thereafter its Shadow MUF, the Shadow sporadically issues message: DB01408E - UNAVAILABLE DATA SET A021007 DDBSCB.A021007 REQUIRED FOR SHARED BY DBMUFPR even if the indicated data set is available. The problem occurs only when both the primary MUF and the Shadow are started up in SIMPLIFY mode. The message is issued some seconds after message: DB02325I - SHADOW MUF NOW WAITING This is a timing problem and it occurs sporadically. The message is issued in error. SYMPTOMS: Message: DB01408E - UNAVAILABLE DATA SET A021007 DDBSCB.A021007 REQUIRED FOR SHARED BY DBMUFPR is issued by a Shadow MUF soon after startup. IMPACT: The impact is limited to a misleading message that is issued in error. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5671 Copyright (C) 2020 CA. All rights reserved. R00749-DCM151-SP2 DESC(SPORADIC MESSAGE DB01408E AT SHADOW MUF STARTUP). ++VER (Z038) FMID (CABDF10) PRE (R088530 R090903 R091015 R091632 R092259 R092858 R093647 R094280 R094783 R095667 R098683 R099171 R099738 R099997 S001215 S007233 S010082 S010697 S010748 S011951 S013162 S013398 S013882) SUP (AS01215 AS08152 BC90081 R090535 R093450 R096204 R096806 R098085 R098926 S003866 S004783 S005962 S006519 S006715 S008152 S008488 S009270 S010373 S010617 S010624 S012809 S014169 ST03866 ST04618 ST04783 ST05961 ST05962 ST06150 ST06516 ST06519 ST06715 ST08152 ST08488 ST09270 ST10373 ST10617 ST10624 ST12809 ST14079 ST14169 TR90535 TR93450 TR96204 TR96806 TR98085 TR98926)

Service	Details
SO14105	SO14105 M.C.S. ENTRIES = ++PTF (SO14105) SOURCE CACHE NOT FLUSHED AFTER NEWCOPY OF DBSRPPR PROBLEM DESCRIPTION: When the NEWCOPY command is used to replace the SQL module DBSRPPR, there can be prepared statements in the SQL Source Cache that need to be re-prepared to incorporate changes in the new DBSRPPR module. This fix flushes all statements in the Source Cache when DBSRPPR is replaced. Note that statistics for queries in the Cache are lost. SYMPTOMS: Symptoms are unpredictable depending on the fix supplied in the new module. IMPACT: Performance is degraded somewhat until the frequently-executed statements are re-prepared. And query statistics are reset. CIRCUMVENTION: You can flush the Source Cache by setting either limit to zero, and then re-setting to the normal limit. PRODUCT(S) Affected: CA Datacom SQL Release 15.1 PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2240 Copyright (C) 2020 CA. All rights reserved. R00752-DCM151-SP2 DESC (SOURCE CACHE NOT FLUSHED AFTER NEWCOPY OF DBSRPPR) . ++VER (Z038) FMID (CAVEF10) PRE (R090826 R092064 S001886 S004867 S005343 S005935 S006396 S007544 S008336 S010328 S010335 S011629 S012497 S013742) SUP (R097225 S006846 ST06846 ST14105 TR97225)

Service	Details
SO14147	SO14147 M.C.S. ENTRIES = ++PTF (SO14147) ENHANCEMENT TO IMPROVE TO_DATE ERROR MESSAGES ENHANCEMENT DESCRIPTION: This enhancement changes error messages produced by TO_DATE function so that an application programmer can more easily diagnose and correct errors. Error messages should be changes for the following situations: - Format is 'YYYYMMDD', datatype of input value is CHAR(n), n<8. - Format is 'YYMMDD', datatype of input value is CHAR(n), n<6. - Format is 'CA_DATE', datatype of input value is CHAR(n), n<3. - Invalid format, as of 7/16/2020 valid formats are 'CA_DISK', 'CA_DATE', 'YYYYMMDD', 'YYMMDD'. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2238 Copyright (C) 2020 CA. All rights reserved. R00754-DCM151-SP2 DESC(ENHANCEMENT TO IMPROVE TO_DATE ERROR MESSAGES). ++VER (Z038) FMID (CAVEF10) PRE (R090826 S001886 S004243 S005343 S005935 S006396 S006440 S006473 S007544 S008801 S010328 S010335 S012497 S013742) SUP (AR90044 IC92212 R090044 S006412 S010467 S010702 S013055 ST06412 ST10244 ST10467 ST10702 ST13055 ST14147 TR89785 TR90044)

Service	Details
SO14169	SO14169 M.C.S. ENTRIES = ++PTF (SO14169) LOOP IN APPLYCXX ADDING MULTIPLE KEYS PROBLEM DESCRIPTION: The asynchronous index work associated with an APPLYCXX appears to loop after encountering an error during the process. This will occur if both the following are true. 1. Two or more keys are being added to the same table using the "Dynamic Key Add" process using APPLYCXX. 2. The asynchronous work associated with the APPLYCXX fails due to an underlying problem, such as an index full condition with dynamic extend turned off. SYMPTOMS: The asynchronous index work associated with an APPLYCXX fails and then restarts, repeating this sequence over and over. This is indicated by repeating occurrences of the following messages for the same table and key: DB02814I - DYNAMIC INDEX ADD STARTED FOR KEY ... DB02816E - DYNAMIC INDEX ADD UNEXPECTED RETURN CODE ... IMPACT: The asynchronous work gets scheduled over and over, and some manual process must be used to resolve the error it is encountering. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Version 15.0 CA Datacom/DB Release 15.1 Related Problem: DB 5676 Copyright (C) 2020 CA. All rights reserved. R00755-DCM151-SP2 DESC (LOOP IN APPLYCXX ADDING MULTIPLE KEYS) . ++VER (Z038) FMID (CABDF10) PRE (R088530 R090903 R091015 R091632 R092259 R094280 R094783 R095667 R098683 R098926 R099738 R099997 S001215 S007233 S010082 S010748 S011951 S013162) SUP (AS01215 AS08152 BC90081 R093450 R096806 S003866 S004783 S006519 S008152 S008488 S009270 S010373 ST03866 ST04783 ST06519 ST08152 ST08488 ST09270 ST10373 ST14169 TR93450 TR96806)

Service	Details
SO14256	SO14256 M.C.S. ENTRIES = ++PTF (SO14256) NEW OPTION STOP_LOOP_HANG_2_FAIL CAN CAUSE MUF ABEND PROBLEM DESCRIPTION: The new CA Datacom/DB Multi-User Facility (MUF) startup option "STOP_LOOP_HANG_2_FAIL nn" drives REQABORT commands for any tasks performing a request that has an accumulated run time of more than nn minutes. The option erroneously drives a REQABORT for an attached task that has no current request in MUF after nn minutes. This causes MUF to come down with a User Abend U0016. SYMPTOMS: MUF displays the following messages before aborting: DB00823I - STOP_LOOP_HANG_2 REQABORT T-task jobname run-unit jobID job-step-number system RUN_TIME-nnn:nn DB00823I - STOP_LOOP_HANG_2 FAIL T-task jobname run-unit jobID job-step-number system RUN_TIME-nnn:nn An SVC dump is taken and the MUF terminates with a U0016 abend. IMPACT: There is a MUF outage. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5674 Copyright (C) 2020 CA. All rights reserved. R00757-DCM151-SP2 DESC(NEW OPTION STOP_LOOP_HANG_2_FAIL CAN CAUSE MUF ABEND) . ++VER (Z038) FMID (CABDF10) PRE (R090903 R095667 R096499) SUP (AS11965 S003692 S008294 S011965 ST03692 ST08294 ST11965 ST14256)

Service	Details
SO14296	SO14296 M.C.S. ENTRIES = ++PTF (SO14296) ABEND SOC4 IN MODULE DBDSMPR OR DBUTMPR PROBLEM DESCRIPTION: The CA Datacom/DB Multi-User Facility (MUF) can abend with a SOC4 either in module DBDSMPR or DBUTMPR. This abend is uncommon and has only occurred during in house QA stress testing, which allocated extreme amounts of 64 bit memory. The DBUTMPR abend can occur when running a DBUTLTY OLREORG against a non-compressed table. The DBDSMPR abend can occur when maintaining a table in an area which uses Data Space Reclamation Option (DSOP) 3, which is "clustering". Clustering is not a commonly used space reclamation option. SYMPTOMS: MUF abends with a SOC4 either in module DBDSMPR at or near offset X'14DE', or in module DBUTMPR at or near offset X'8012'. IMPACT: There is a MUF outage. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Version 15.0 CA Datacom/DB Release 15.1 Related Problem: DB 5680 Copyright (C) 2020 CA. All rights reserved. R00759-DCM151-SP2 DESC (ABEND SOC4 IN MODULE DBDSMPR OR DBUTMPR). ++VER (Z038) FMID (CABDF10) PRE (R088530 R088863 R090903 R091404 R091632 R091648 R092259 R092858 R093647 R094095 R096133 R096440 R097382 R098364 R098604 R099675 S000074 S001215 S003827 S003941 S006692 S007233 S008120 S010082 S010748 S011403 S011906 S012932 S013162 S013594) SUP (R093092 R098737 R098973 S001888 S004096 S007055 S007786 S009682 S010416 S010439 S010870 S012636 S013189 S013991 ST01888 ST04096 ST07055 ST07786 ST09682 ST10416 ST10439 ST10870 ST11396 ST12636 ST13189 ST13991 ST14296 TR93092 TR98737 TR98973)

Service	Details
S014359	S014359 M.C.S. ENTRIES = ++PTF (S014359) ADDING A KEY WITH APPLYCXX CAN GET OPEN ERROR RC 02(052) PROBLEM DESCRIPTION: Adding a key via the "1000 APPLYCXX" transaction can receive an OPEN error RC 02(052) (Invalid Table Name). The job completes successfully with condition code 0000 and the key is added in the CXX. However, the process of populating the index with the new key values is delayed until a user URT is opened against the affected table. The problem is due to an internal coding error that failed to insert the correct table name in the request area. SYMPTOMS: Adding a key to an existing table via the APPLYCXX feature can receive OPEN error message: DB00501E - OPEN ERROR - RETURN CODE 02 (052) CXX=cxxname (nnnnn) ***DBKEY where nnnnn denotes the DBID and the invalid table name is shown as blanks before the DBID. A PXX dump is produced. The key is added to the CXX, but population of the index is delayed until the next OPEN of a URT against the related table. IMPACT: The impact is limited to a delayed start of the index population and the overhead of a PXX dump. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5683 Copyright (C) 2020 CA. All rights reserved. R00763-DCM151-SP2 DESC(ADDING A KEY WITH APPLYCXX CAN GET OPEN ERROR RC 02(052)). ++VER (Z038) FMID (CABDF10) PRE (R088863 R090486 R091632 R092858 R093647 R094783 R099997 S004565 S005708 S006692 S009683 S013716) SUP (R095600 R096617 R097674 R098086 S001804 S005383 S006551 S006945 S007425 S008444 ST01804 ST05383 ST06551 ST06945 ST07329 ST07425 ST08444 ST14359 TR95600 TR96617 TR97674 TR98086)

Service	Details
SO14369	SO14369 M.C.S. ENTRIES = ++PTF (SO14369) POOR PERFORMANCE JOINING TO TABLE WITH NULL JOIN VALUES PROBLEM DESCRIPTION: When at least one predicate in each OR group has the null value, then there is no need to read the table since no rows will be found. An example is when there is a predicate referencing a previous join table of a LEFT JOIN which did not find a matching row. This optimization is not working when there are multiple OR groups. SYMPTOMS: Query performance can be very slow if the table searched is large. IMPACT: It may be impractical to execute the query. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2245 Copyright (C) 2020 CA. All rights reserved. R00764-DCM151-SP2 DESC(POOR PERFORMANCE JOINING TO TABLE WITH NULL JOIN VALUES). ++VER (Z038) FMID (CAVEF10) PRE (R090216 R090826 R095978 S000890 S001886 S004034 S004197 S005935 S007468 S007544 S008017 S008336 S011326 S011629) SUP (AR90826 DC92212 R095609 R099972 S005352 ST05352 ST14369 TR95609 TR99972)

Service	Details
SO14493	SO14493 M.C.S. ENTRIES = ++PTF (SO14493) ADD FRAMEWORK FOR FUTURE DDOL EDK ENHANCEMENTS 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 2206 Copyright (C) 2020 CA. All rights reserved. R00766-DCM151-SP2 DESC(ADD FRAMEWORK FOR FUTURE DDOL EDK ENHANCEMENTS). ++VER (Z038) FMID (CAADF10) SUP (ST14493)

Service	Details
SO14495	SO14495 M.C.S. ENTRIES = ++PTF (SO14495) PXX DUMP AND RC 13(023) IN MUFPLEX DURING LPAR SHUTDOWN PROBLEM DESCRIPTION: In MUFplex mode B with two active members running on different LPARs, the surviving member can receive RC 13(023) (command issued in invalid sequence) after the other member has left the MUFplex. This can occur in connection with a shutdown of the LPAR where the member that left the MUFplex was executing. The RC 13(023) produces a PXX dump. The error is based on an invalid XCF message received by the surviving member. This solution will ignore the invalid message and thus eliminate the error code and ensuing PXX dump. SYMPTOMS: The surviving MUFplex member receives message: DB02405I - PXX START ***MPLXZ 0 13(023) MPLEX-0- and a dump is taken. IMPACT: There is no impact other than the overhead of a dump being produced. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Version 15.0 CA Datacom/DB Release 15.1 Related Problem: DB 5668 Copyright (C) 2020 CA. All rights reserved. R00767-DCM151-SP2 DESC(PXX DUMP AND RC 13(023) IN MUFPLEX DURING LPAR SHUTDOWN). ++VER (Z038) FMID (CABDF10) PRE (R091404 R092858 R094095 R099532 R099997 S001215 S013162) SUP (ST14495)

Service	Details																																														
SO14600	SO14600 M.C.S. ENTRIES = ++PTF (SO14600) DDRMFLM ERRONEOUS RETURN CODE PROBLEM DESCRIPTION: Performing a record migration always results in a CC=8 even when no errors are really present. SYMPTOMS: No error messages are displayed in the output, but it still results in CC=8. IMPACT: Users may be confused and lose some time investigating the erroneous CC=8. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom Datadictionary Version 15.0 CA Datacom Datadictionary Release 15.1 Related Problem: DD 2209 Copyright (C) 2020 CA. All rights reserved. R00774-DCM151-SP2 DESC (DDRMFLM ERRONEOUS RETURN CODE). ++VER (Z038) FMID (CAADF10) PRE (S011692) SUP (ST14600) <table> <tr><td>MCS</td><td>S011872</td><td>STARTS ON PAGE 0002</td></tr> <tr><td>MCS</td><td>S011882</td><td>STARTS ON PAGE 0002</td></tr> <tr><td>MCS</td><td>S013892</td><td>STARTS ON PAGE 0003</td></tr> <tr><td>MCS</td><td>S013992</td><td>STARTS ON PAGE 0003</td></tr> <tr><td>MCS</td><td>S014079</td><td>STARTS ON PAGE 0004</td></tr> <tr><td>MCS</td><td>S014105</td><td>STARTS ON PAGE 0005</td></tr> <tr><td>MCS</td><td>S014147</td><td>STARTS ON PAGE 0006</td></tr> <tr><td>MCS</td><td>S014169</td><td>STARTS ON PAGE 0007</td></tr> <tr><td>MCS</td><td>S014256</td><td>STARTS ON PAGE 0008</td></tr> <tr><td>MCS</td><td>S014296</td><td>STARTS ON PAGE 0009</td></tr> <tr><td>MCS</td><td>S014359</td><td>STARTS ON PAGE 0010</td></tr> <tr><td>MCS</td><td>S014369</td><td>STARTS ON PAGE 0011</td></tr> <tr><td>MCS</td><td>S014493</td><td>STARTS ON PAGE 0012</td></tr> <tr><td>MCS</td><td>S014495</td><td>STARTS ON PAGE 0013</td></tr> <tr><td>MCS</td><td>S014600</td><td>STARTS ON PAGE 0013</td></tr> </table>		MCS	S011872	STARTS ON PAGE 0002	MCS	S011882	STARTS ON PAGE 0002	MCS	S013892	STARTS ON PAGE 0003	MCS	S013992	STARTS ON PAGE 0003	MCS	S014079	STARTS ON PAGE 0004	MCS	S014105	STARTS ON PAGE 0005	MCS	S014147	STARTS ON PAGE 0006	MCS	S014169	STARTS ON PAGE 0007	MCS	S014256	STARTS ON PAGE 0008	MCS	S014296	STARTS ON PAGE 0009	MCS	S014359	STARTS ON PAGE 0010	MCS	S014369	STARTS ON PAGE 0011	MCS	S014493	STARTS ON PAGE 0012	MCS	S014495	STARTS ON PAGE 0013	MCS	S014600	STARTS ON PAGE 0013
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MCS	S014600	STARTS ON PAGE 0013																																													

CA Datacom/AD 15.1
CA RS 2009 Product/Component Listing

21

Product Family	Product	Release
Database	CA DATACOM/AD	15.01.00
	CA IPC	15.01.00
	CA DATACOM	15.00.00
The CA RS 2009 Product/Component Count for this release is 3		

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2009	S014600	CAADF10
	S014495	CABDF10
	S014493	CAADF10
	S014369	CAVEF10
	S014359	CABDF10
	S014296	CABDF10
	S014256	CABDF10
	S014169	CABDF10
	S014147	CAVEF10
	S014105	CAVEF10
	S014079	CABDF10
	S013992	CAVEF10
	S013892	CAVEF10
	S011882	CABDF10
	S011872	CAAXF10
CAR2008	S014115	CABDF10
	S014070	CABDF10
	S014068	CAVEF10
	S013991	CABDF10
	S013902	CAVEF10
	S013882	CABDF10
	S013810	CAADF10
	S013788	CAVQF10
	S013742	CAVEF10
	S013740	CABDF10
	S013739	CAVEF10
	S013716	CABDF10
	S013630	CAVEF10
	S013594	CABDF10
	S013581	CABDF10
	S013544	CAVEF10
	S013526	CAVEF10
	S013448	CAAXF10
	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

CA RS Level	Service	FMID
	S013090	CABDF10
	R072189	CAYTF00
	R070316	CAYTF00
	R069811	CAYTF00
	R069282	CAYTF00
	R069183	CAYTF00
	R069180	CAYTF00
	R068064	CAYTF00
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
	S012497	CAVEF10
	S012203	CABDF10
	S012178	CABDF10
	S011951	CABDF10
CAR2004	S012202	CAADF10
	S012165	CABDF10
	S012048	CABDF10
	S011975	CABDF10
	S011629	CAVEF10
	S011348	CAVEF10
CAR2003	S012082	CAVQF10
	S011932	CABDF10
	S011906	CABDF10
	S011692	CAADF10
	S011678	CABDF10
	S010586	CAVEF10
CAR2002	S011673	CABDF10
	S011571	CABDF10
	S011562	CABDF10
	S011501	CABDF10

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	S011479	CABDF10
	S011436	CABDF10
	S011435	CABDF10
	S011403	CABDF10
	S011331	CABDF10
	S011326	CAVEF10
	S011247	CABDF10
	S011223	CAVEF10
	S011192	CAVEF10
	S010960	CAVEF10
	S010870	CABDF10
	S010702	CAVEF10
	S009941	CAYTF00
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
	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

CA RS Level	Service	FMID
	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
	S008666	CAYTF00
	S008622	CABDF10
	S008452	CAVEF10
	S008294	CABDF10
CAR1907	S009034	CABDF10
	S008926	CABDF10
	S008775	CABDF10
	S008697	CABDF10
	S008685	CABDF10
	S008602	CABDF10
	S008590	CABDF10
	S008488	CABDF10
	S008444	CABDF10
	S008394	CABDF10
	S008374	CAVEF10
	S008110	CAYTF00
	S008017	CAVEF10
CAR1906	S008545	CAADF10
	S008500	CABDF10
	S008458	CAVQF10
	S008300	CABDF10
	S008181	CABDF10
	S008120	CABDF10

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	S008032	CABDF10
	S007557	CAVEF10
	S007544	CAVEF10
CAR1905	S008152	CABDF10
	S007948	CABDF10
	S007923	CABDF10
	S007900	CABDF10
	S007867	CAVQF10
	S007846	CABDF10
	S007835	CABDF10
	S007533	CAYTF02
	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
	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

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	S004529	CAADF10
CAR1902	S007113	CABDF10
	S007076	CAVQF10
	S006840	CABDF10
	S006815	CABDF10
	S006692	CABDF10
	S006665	CAYTF02
	S006664	CAYTF00
	S006613	CABDF10
	S006547	CABDF10
	S006404	CABDF10
	S005865	CAYTF02
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
CAR1812	S006314	CABDF10
	S006231	CAVEF10
	S006217	CABDF10
	S006174	CAVEF10
	S006133	CABDF10
	S005985	CAADF10
	S005964	CABDF10
	S005962	CABDF10
	S005935	CAVEF10
	S005882	CABDF10
	S005562	CAVEF10
CAR1811	S005864	CABDF10
	S005778	CABDF10
	S005738	CABDF10
	S005708	CABDF10
	S005665	CABDF10
	S005617	CABDF10
	S005600	CAVEF10
	S005597	CABDF10

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	S005583	CABDF10
	S005492	CABDF10
	S005423	CABDF10
	S005417	CAVEF10
	S005404	CABDF10
	S005360	CABDF10
	S005352	CAVEF10
	S005300	CAVEF10
	S005278	CABDF10
	S005096	CAYTF02
	S005095	CAYTF00
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
	S005085	CAVQF10
	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
	S004485	CAADF10
	S003799	CABDF10
	S003704	CABDF10
	S003692	CABDF10
CAR1808	S004646	CAYTF00
	S004357	CAVEF10
	S004298	CABDF10
	S004243	CAVEF10

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	S004197	CAVEF10
	S004157	CAADF10
	S004152	CAVEF10
	S004151	CABDF10
	S004095	CABDF10
	S004057	CABDF10
	S003985	CABDF10
	S003866	CABDF10
	S003827	CABDF10
	S001837	CABDF10
	S001707	CAYTF00
	S000289	CAYTF02
	S000288	CAYTF00
	R099018	CAYTF00
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	S001909	CAVQF10
	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
	S000167	CABDF10
CAR1805	S001443	CABDF10
	S001390	CABDF10
	S001230	CABDF10

CA RS Level	Service	FMID
	S001226	CABDF10
	S001212	CABDF10
	S001184	CABDF10
	S001151	CAVQF10
	S000426	CAVEF10
CAR1804	S000922	CABDF10
	S000629	CABDF10
	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
	R099840	CAYTF02
	R099839	CAYTF00
	R099738	CABDF10
	R099737	CABDF10
	R099516	CABDF10
	R099067	CABDF10
CAR1801	R099675	CABDF10
	R099532	CABDF10
	R099390	CABDF10
	R099352	CABDF10
	R099100	CABDF10
CAR1712	R099168	CAVEF10
	R099051	CAVEF10
	R099007	CAVEF10
	R098973	CABDF10
	R098926	CABDF10
	R098879	CABDF10
	R098846	CABDF10
	R098800	CABDF10
	R098737	CABDF10
	R098604	CABDF10
	R098085	CABDF10
	R098045	CAYTF02
	R097050	CAYTF02
	R097049	CAYTF00

CA RS Level	Service	FMID
	R095900	CAYTF00
CAR1711	R098683	CABDF10
	R098636	CAADF10
	R098593	CABDF10
	R098521	CAVEF10
	R098426	CABDF10
	R098417	CABDF10
	R098393	CABDF10
	R098364	CABDF10
	R098348	CABDF10
	R098249	CABDF10
	R098231	CAADF10
	R098220	CABDF10
	R098142	CABDF10
	R098059	CABDF10
CAR1710	R098254	CAYTF00
	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
	R097467	CAVQF10
	R097460	CAADF10
	R097416	CABDF10
	R097392	CABDF10
	R097386	CAADF10
	R097382	CABDF10
	R097343	CABDF10
	R097329	CABDF10
	R097238	CABDF10
	R097236	CAVEF10

CA RS Level	Service	FMID
	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	R096707	CAYTF02
	R096568	CABDF10
	R096537	CAADF10
	R096499	CABDF10
	R096447	CABDF10
	R096440	CABDF10
	R096426	CABDF10
	R096420	CABDF10
	R096403	CABDF10
	R096260	CABDF10
	R096191	CABDF10
	R095487	CAADF10
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
	R095719	CABDF10
	R095676	CABDF10
	R095600	CABDF10
	R095564	CABDF10

CA RS Level	Service	FMID
	R095097	CAADF10
	R094902	CABDF10
CAR1705	R095737	CAVEF10
	R095667	CABDF10
	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	R094324	CAVEF10
	R094280	CABDF10
	R094247	CAVEF10
	R093821	CAVEF10
	R093677	CAVEF10
	R093613	CAVEF10
CAR1702	R094095	CABDF10
	R094090	CABDF10
	R094085	CABDF10
	R094001	CABDF10
	R094000	CABDF10
	R093647	CABDF10
	R093616	CABDF10
	R093587	CABDF10
	R093585	CABDF10
	R093486	CAYTF00
CAR1701	R093666	CAVEF10
	R093560	CAVEF10
	R093454	CABDF10
	R093450	CABDF10
	R093436	CABDF10
	R093373	CAADF10
	R093324	CAVEF10
	R093251	CABDF10
	R093201	CABDF10
	R093127	CABDF10
	R093092	CABDF10
	R092954	CABDF10
	R092864	CAVEF10

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	R092858	CABDF10
	R092736	CAADF10
	R092663	CAYTF02
	R092600	CABDF10
	R092507	CAADF10
	R092441	CABDF10
	R092436	CABDF10
	R092398	CABDF10
	R092282	CAVEF10
	R092277	CABDF10
	R092259	CABDF10
	R092243	CABDF10
	R092173	CAVEF10
	R092064	CAVEF10
	R092009	CAVEF10
	R091992	CAVEF10
	R091930	CAVEF10
	R091845	CABDF10
	R091732	CABDF10
	R091729	CAVQF10
	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
	R091165	CABDF10
	R091141	CABDF10
	R091115	CAVEF10
	R091079	CABDF10
	R091015	CABDF10
	R090950	CAADF10
	R090903	CABDF10
	R090854	CAVEF10
	R090838	CAADF10
	R090826	CAVEF10

CA RS Level	Service	FMID
	R090821	CABDF10
	R090729	CAADF10
	R090607	CAVQF10
	R090586	CABDF10
	R090535	CABDF10
	R090486	CABDF10
	R090414	CAVQF10
	R090397	CABDF10
	R090276	CABDF10
	R090216	CAVEF10
	R090197	CABDF10
	R090182	CABDF10
	R090179	CABDF10
	R090156	CAVEF10
	R090155	CAVEF10
	R090075	CABDF10
	R090074	CAADF10
	R090065	CABDF10
	R090044	CAVEF10
	R089985	CAVQF10
	R089915	CAVQF10
	R089842	CAVEF10
	R089839	CAVEF10
	R089666	CABDF10
	R089594	CAVQF10
	R089559	CABDF10
	R089521	CAVEF10
	R089520	CAVEF10
	R088863	CABDF10
	R088617	CAVEF10
	R088611	CAVEF10
	R088550	CAVEF10
	R088530	CABDF10
	R088480	CAVEF10
	R088479	CAVEF10
	R088475	CAVEF10
	R088469	CABDF10
CAR1608	R089160	CAYTF02
	R089159	CAYTF00
CAR1605	R089016	CAYTF02
CAR1604	R088157	CAYTF02
	R088156	CAYTF00
	R087666	CAYTF02
CAR1602	R081768	CAYTF02
	R079335	CAYTF02
	R079251	CAYTF02
	R076353	CAYTF02

CA RS Level	Service	FMID
	R074101	CAYTF02
	R073679	CAYTF02
CAR1507	R081721	CAYTF00
CAR1506	R080137	CAYTF00
CAR1505	R079334	CAYTF00
CAR1504	R079250	CAYTF00
CAR1411	R073785	CAYTF00
	R073508	CAYTF00