

CA Datacom/AD 15.1
CA RS 2006 Service List

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Service	Description	Type
S011513	Security or Integrity Problem	** PRP **
S011965	ENHANCEMENT: STOP_LOOP_HANG SUPPORT	PTF
S012743	CAST(LOB AS CHAR) DOES NOT RETURN VALUE	PTF
S012861	WRONG RESULTS WITH VIEW WITH IS NULL USED IN LEFT JOIN	PTF
S012932	ONLINE_AREA_RELEASE CORRECTIONS FOR MULTI-VOLUME DATASETS	PTF
S012962	RC=01(32) OR MISC ABENDS WITH DDL IN SECURED MUF	** PRP **
S013040	RC 94(086) DURING FORWARD RECOVERY	PTF
S013093	DBSQLPR FORMAT PROBLEM WHEN INPUT WIDER THAN OUTPUT	PTF
S013162	PRIMARY MUF HANGS WITH A WAIT ON PLEX MSG REPLY	**HIPER**
S013189	USED BLOCKS TOO HIGH AFTER AN INIT IXX OPTION1=REINIT	PTF
The CA RS 2006 service count for this release is 10		

CA Datacom/AD
CA RS 2006 Service List for CABDF10

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FMID	Service	Description	Type
CABDF10	S011513	Security or Integrity Problem	** PRP **
	S011965	ENHANCEMENT: STOP_LOOP_HANG SUPPORT	PTF
	S012932	ONLINE_AREA_RELEASE CORRECTIONS FOR MULTI-VOLUME DATASETS	PTF
	S013040	RC 94(086) DURING FORWARD RECOVERY	PTF
	S013162	PRIMARY MUF HANGS WITH A WAIT ON PLEX MSG REPLY	**HIPER**
	S013189	USED BLOCKS TOO HIGH AFTER AN INIT IXX OPTION1=REINIT	PTF
The CA RS 2006 service count for this FMID is 6			

CA Datacom/AD
CA RS 2006 Service List for CAVEF10

FMID	Service	Description	Type
CAVEF10	SO12743	CAST(LOB AS CHAR) DOES NOT RETURN VALUE	PTF
	SO12861	WRONG RESULTS WITH VIEW WITH IS NULL USED IN LEFT JOIN	PTF
	SO12962	RC=01(32) OR MISC ABENDS WITH DDL IN SECURED MUF	** PRP **
	SO13093	DBSQLPR FORMAT PROBLEM WHEN INPUT WIDER THAN OUTPUT	PTF
The CA RS 2006 service count for this FMID is 4			

Service	Details		
SO11513	SO11513 M.C.S. ENTRIES = ++PTF (SO11513) Security or Integrity Problem PROBLEM DESCRIPTION: Security or Integrity Problem. SYMPTOMS. N/A IMPACT. Security or Integrity Problem. CIRCUMVENTION: N/A PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5627 Copyright (C) 2020 CA. All rights reserved. R00674-DCM151-SP2 DESC(Security or Integrity Problem). ++VER (Z038) FMID (CABDF10) PRE (R088469 R090182 R092243 R094001 R094095 R096499 S006133) SUP (AS00629 AS09610 R091254 R093127 R094902 R096313 R097329 S000629 S001443 S004151 S007733 S009610 S009835 ST00629 ST01443 ST04151 ST07733 ST09610 ST09835 ST11513 TR91254 TR93127 TR94902 TR96313 TR97329 UC90081) ++HOLD (SO11513) SYSTEM FMID(CABDF10) REASON (ACTION) DATE (20136) COMMENT (<table border="1"> <tr> <td>CA Datacom/DB</td><td>Release 15.1</td></tr> </table> SEQUENCE After Apply PURPOSE Module DBPCCPR must be re-installed via CAIRIM for the solution to take effect. USERS AFFECTED All users. KNOWLEDGE REQUIRED 1. Product administration 2. SMP/E ACCESS REQUIRED Product libraries ***** * STEPS TO PERFORM *	CA Datacom/DB	Release 15.1
CA Datacom/DB	Release 15.1		

Service	Details
	***** Execute CAIRIM (see sample INSTJCL member BDRIM01) to re-install module DBPCCPR.).

Service	Details
SO11965	SO11965 M.C.S. ENTRIES = ++PTF (SO11965) ENHANCEMENT: STOP_LOOP_HANG SUPPORT ENHANCEMENT DESCRIPTION: This product enhancement delivers code which provides support for the new CA Datacom/DB Multi-User Facility (MUF) option of STOP_LOOP_HANG. This option is primarily used for internal QA testing but it may also be useful at some sites, especially in early testing of new code lines. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5635 Copyright (C) 2020 CA. All rights reserved. R00686-DCM151-SP2 DESC(ENHANCEMENT: STOP_LOOP_HANG SUPPORT). ++VER (Z038) FMID (CABDF10) PRE (R090903 R095667 R096499 SO11951) SUP (S003692 S008294 ST03692 ST08294 ST11965) ++HOLD (SO11965) SYSTEM FMID(CABDF10) REASON (DOC) DATE (20129) COMMENT (+-----+ CA Datacom/DB Release 15.1 +-----+ ***** * PUBLICATION * ***** Documentation for the new STOP_LOOP_HANG MUF options included in this solution can be found in the Datacom Core - 15.1 TechDocs space, which can be found at the following link by carefully removing the imbedded blanks it contains: https://techdocs.broadcom.com/content/broadcom/techdocs/us/en/ca-mainframe-software/database-management/ca-datacom/15-1/release-notes-and-product-information/ca-datacom-features/15_1-new-and-enhanced-features-march-17-june-8,-2020.html).

Service	Details
SO12743	SO12743 M.C.S. ENTRIES = ++PTF (SO12743) CAST(LOB AS CHAR) DOES NOT RETURN VALUE PROBLEM DESCRIPTION: CAST on LOB columns is not valid. This solution causes the request to be rejected with -205 INVALID DATATYPE INVALID CAST OPERATOR FOR SCALAR FUNCTION SYMPTOMS: The LOB value is not returned. IMPACT: Invalid values are returned. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 CA Datacom SQL Release 15.0 Related Problem: SQL 2216 Copyright (C) 2020 CA. All rights reserved. R00699-DCM151-SP2 DESC(CAST(LOB AS CHAR) DOES NOT RETURN VALUE) . ++VER (Z038) FMID (CAVEF10) PRE (R097131 S001886 S005243 S005343 S006396 S007544 S010328 S011629 S012497) SUP (R089842 S004003 S010380 ST04003 ST09801 ST10380 ST12743 TR89842)

Service	Details				
SO12861	SO12861 M.C.S. ENTRIES = ++PTF (SO12861) WRONG RESULTS WITH VIEW WITH IS NULL USED IN LEFT JOIN PROBLEM DESCRIPTION: when a view contains a LEFT JOIN AND a WHERE clause, and the view is used in a query where it is not the first table of a join, then the WHERE clause was being moved to the first join. At least in one case when the WHERE contained IS NULL, this returned the wrong number of rows. SYMPTOMS: The wrong rows are returned. IMPACT: Decisions may be made on incorrect results. CIRCUMVENTION: If it is possible, moving the view to the first table of join in the query gives the correct result. 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 2217 Copyright (C) 2020 CA. All rights reserved. R00704-DCM151-SP2 DESC(WRONG RESULTS WITH VIEW WITH IS NULL USED IN LEFT JOIN). ++VER (Z038) FMID (CAVEF10) PRE (R090216 R090826 S001886 S005190 S006402 S007544 S008336 S008452 S009437 S011629) SUP (AR90216 AS05190 R089521 R092282 S006387 S006750 ST05998 ST06383 ST06387 ST06750 ST08489 ST10151 ST10304 ST12861 TR89521 TR92282)	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
S012932	S012932 M.C.S. ENTRIES = ++PTF (S012932) ONLINE_AREA_RELEASE CORRECTIONS FOR MULTI-VOLUME DATASETS PROBLEM DESCRIPTION: The "console-like" command ONLINE_AREA_RELEASE can result in dynamic allocation errors for multi-volume datasets, because the "RLSE" system function does not support reducing the number of volumes the dataset is comprised of. The following error message: DB02828E - ONLINE_AREA_RELEASE bbb aaa ERROR DYN.EXT. ERROR OELEASED. where bbb denotes the base id and aaa the area name, is issued. This solution corrects the use of the "RLSE" function and also the text of the message with regard to the erroneous "OELEASED." at the end. SYMPTOMS: The "console-like" command ONLINE_AREA_RELEASE encounters a dynamic allocation error and issues the above DB02828E error message. IMPACT: As a result of the allocation error, the allocation quantities recorded in the CXX and the system catalog may be slightly different. However, the space actually released should be very close to what was requested by the ONLINE_AREA_RELEASE function. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Version 15.0 CA Datacom/DB Release 15.1 Related Problem: DB 5645 Copyright (C) 2020 CA. All rights reserved. R00705-DCM151-SP2 DESC(ONLINE_AREA_RELEASE CORRECTIONS FOR MULTI-VOLUME DATASETS). ++VER (Z038) FMID (CABDF10) PRE (R088863 R090903 R091015 R091404 R091632 R092259 R092858 R093647 R094095 R096133 R096499 R097382 R098364 R099171 R099675 S000074 S001215 S003799 S003941 S005882 S006692 S007233 S007900 S008120 S009474 S010082 S010748 S011247 S011678 S011906 S011975 S012203) SUP (R095833 R096568 R097343 R098737 R098973 R099067 S004096 S005131 S007055 S007786 S008749 S009682 S010439 S010870 S011501 ST04096 ST05131 ST07055 ST07786 ST08749 ST09682 ST10439 ST10870 ST11501 ST12932 TR95833 TR96568 TR97343 TR98737 TR98973 TR99067) ++HOLD (S012932) SYSTEM FMID(CABDF10) REASON (DOC) DATE (20129) COMMENT (+-----+ CA Datacom/DB Release 15.1 +-----+ ***** * PUBLICATION * *****

Service	Details
	Documentation for the updated ONLINE_AREA_RELEASE function related to this solution can be found in the Datacom Core - 15.1 TechDocs space, which can be found at the following link by carefully removing the imbedded blanks it contains: https://techdocs.broadcom.com/content/broadcom/techdocs/us/en/ca-mainframe-software/database-management/ca-datacom/15-1/release-notes-and-product-information/ca-datacom-features/15_1-new-and-enhanced-features-march-17-june-8,-2020.html).

Service	Details
SO12962	SO12962 M.C.S. ENTRIES = ++PTF (SO12962) RC=01(32) OR MISC ABENDS WITH DDL IN SECURED MUF PROBLEM DESCRIPTION: This solution corrects an error introduced by SO08758 that affects Data Definition Language (DDL) statements in a secured Multi-User Facility (MUF). SYMPTOMS: MUF may abend, or DDL receive SQLCODE -117 with database return code 01(32). IMPACT: MUF must be restarted, or DDL statements cannot be processed. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2219 Copyright (C) 2020 CA. All rights reserved. R00706-DCM151-SP2 DESC(RC=01(32) OR MISC ABENDS WITH DDL IN SECURED MUF). ++VER (Z038) FMID (CAVEF10) PRE (SO08758) SUP (AS08758 ST12962)

Service	Details
SO13040	SO13040 M.C.S. ENTRIES = ++PTF (SO13040) RC 94(086) DURING FORWARD RECOVERY PROBLEM DESCRIPTION: An execution of CA Datacom/DB Forward Recovery may encounter the following error processing an ADDIT command: DB13001E - UNEXPECTED RETURN CODE 94 (86) INVALID DATACOM RECORD ID This problem is rare but can occur if the DBID which is being recovered was previously involved in a Blocksize Alter 24X7 (BA24) or Table Move 24X7 (TM24). SYMPTOMS: Execution of Forward Recovery encounters a database return code 94(086) processing an individual row. IMPACT: Forward Recovery may not fully reprocess all maintenance successfully. If the errors Recovery encounters are ignored, data integrity may be compromised. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5650 Copyright (C) 2020 CA. All rights reserved. R00707-DCM151-SP2 DESC(RC 94(086) DURING FORWARD RECOVERY). ++VER (Z038) FMID (CABDF10) PRE (R092858 R097700 S004559 S008300) SUP (R093616 S006404 S007480 S008602 S012165 ST06404 ST07480 ST08602 ST12165 ST13040 TC90081 TR93616)

Service	Details
SO13093	SO13093 M.C.S. ENTRIES = ++PTF (SO13093) DBSQLPR FORMAT PROBLEM WHEN INPUT WIDER THAN OUTPUT PROBLEM DESCRIPTION: When DBSQLPR input width is larger than the output width, input lines are not printed correctly. SYMPTOMS: After the first line of a statement, the remaining portion of the statement is printed one character per line. IMPACT: The echoed statement is hard to read. CIRCUMVENTION: Change the input statement to have lines no longer than output width. PRODUCT(S) AFFECTED: CA Datacom SQL Version 15.0 CA Datacom SQL Release 15.1 Related Problem: SQL 2222 Copyright (C) 2020 CA. All rights reserved. R00711-DCM151-SP2 DESC(DBSQLPR FORMAT PROBLEM WHEN INPUT WIDER THAN OUTPUT). ++VER (Z038) FMID (CAVEF10) SUP (CC92212 R097236 R099969 S007461 S009190 S010586 S012504 ST01846 ST04929 ST07461 ST07727 ST09190 ST10586 ST12504 ST13093 TR90841 TR97236 TR99969)

Service	Details								
SO13162	SO13162 M.C.S. ENTRIES = ++PTF (SO13162) The following items are included in this solution: 1. PRIMARY MUF HANGS WITH A WAIT ON PLEX MSG REPLY 2. DB00229E FATAL INTERNAL ERROR JOB TERMINATED - SQM ===== PRIMARY MUF HANGS WITH A WAIT ON PLEX MSG REPLY PROBLEM DESCRIPTION: A CLOSE request in the primary CA Datacom/DB Multi-User Facility (MUF) may hang. This can occur if the primary MUF is running in release 15.1 while its Shadow MUF is running either in version 15.0 or 14.0. Sites which run only 15.1 have no exposure. SYMPTOMS: A CLOSE request hangs in a primary MUF. A COMM STATUS command shows "PLEX MSG REPLY" for the hanging task. Other tasks may begin to hang as a result of the initial CLOSE hang. IMPACT: Tasks are hanging in the primary MUF until the Shadow MUF is ended. CIRCUMVENTION: Ending the Shadow MUF will resolve the task hangs in the primary MUF. PRODUCT(S) AFFECTED: <table> <tr> <td>CA Datacom/DB</td><td>Release 14.0</td></tr> <tr> <td>CA Datacom/DB</td><td>Version 15.0</td></tr> <tr> <td>CA Datacom/DB</td><td>Release 15.1</td></tr> </table> Related Problem: DB 5654 ===== DB00229E FATAL INTERNAL ERROR JOB TERMINATED - SQM PROBLEM DESCRIPTION: The CA Datacom/DB Multi-User Facility (MUF) can abend with a "fatal internal error" in module DBSQMPR. This can occur due to a timing window when Blocksize Alter 24X7 (BA24) is running at the same time as a physical close. This abend is not common. SYMPTOMS: MUF aborts with the following message: DB00229E FATAL INTERNAL ERROR JOB TERMINATED - SQM-nnnn Where nnnn is a variable offset depending upon the MUF maintenance level. IMPACT: There is a MUF outage. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>CA Datacom/DB</td><td>Release 15.1</td></tr> </table> Related Problem: DB 5653 Copyright (C) 2020 CA. All rights reserved. R00717-DCM151-SP2 DESC(PRIMARY MUF HANGS WITH A WAIT ON PLEX MSG REPLY) . ++VER (Z038) FMID (CABDF10) PRE (R088530 R088863 R090486 R090903 R091015 R091404 R091632 R092259 R092858 R093647 R094095 R094280 R094783 R095667 R096133 R096300 R097382 R098364	CA Datacom/DB	Release 14.0	CA Datacom/DB	Version 15.0	CA Datacom/DB	Release 15.1	CA Datacom/DB	Release 15.1
CA Datacom/DB	Release 14.0								
CA Datacom/DB	Version 15.0								
CA Datacom/DB	Release 15.1								
CA Datacom/DB	Release 15.1								

Service	Details
	R098926 R099532 R099675 R099738 R099997 S000074
	S001215 S003853 S004057 S004931 S007233 S008120
	S008622 S010082 S010748 S011906 S011951 S012932)
	SUP (AS01215 AS08152 BC90081 R091352 R093450 R096806
	R098683 R098737 R098973 S003866 S004096 S004783
	S006519 S007055 S007234 S007258 S007786 S007948
	S008152 S008488 S009270 S009494 S009682 S010373
	S010439 S010870 S012048 ST03866 ST04096 ST04783
	ST06519 ST07055 ST07234 ST07258 ST07786 ST07948
	ST08152 ST08488 ST09270 ST09340 ST09494 ST09682
	ST10373 ST10439 ST10870 ST12048 ST13120 ST13162
	TR91352 TR93450 TR96806 TR98485 TR98683 TR98737
	TR98973)

Service	Details
SO13189	SO13189 M.C.S. ENTRIES = ++PTF (SO13189) USED BLOCKS TOO HIGH AFTER AN INIT IXX OPTION1=REINIT PROBLEM DESCRIPTION: A CA Datacom/DB IXX uses more space than necessary following a DBUTLTY INIT AREA=IXX with OPTION1=REINIT. SYMPTOMS: A DBUTLTY INIT AREA=IXX with OPTION1=REINIT specified, can result in the corresponding IXX later filling up more quickly, which in turn could cause unneeded Dynamic Extends or a database return code 08(008), "INDEX IS FULL". IMPACT: An index may require more DASD space than necessary, possibly resulting in a database return code 08(008), "INDEX IS FULL", which either will or will not be rectified by a Dynamic Extend. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Version 15.0 CA Datacom/DB Release 15.1 Related Problem: DB 5655 Copyright (C) 2020 CA. All rights reserved. R00719-DCM151-SP2 DESC(USED BLOCKS TOO HIGH AFTER AN INIT IXX OPTION1=REINIT). ++VER (Z038) FMID (CABDF10) PRE (R088530 R090903 R091404 R091648 R092259 R092858 R094095 R096440 R098604 S003827 S003941 S006692 S007233 S010748 S011403 S011906) SUP (R093092 S001888 S010416 S012636 ST01888 ST10416 ST11396 ST12636 ST13189 TR93092) MCS S011513 STARTS ON PAGE 0002 MCS S011965 STARTS ON PAGE 0003 MCS S012743 STARTS ON PAGE 0004 MCS S012861 STARTS ON PAGE 0005 MCS S012932 STARTS ON PAGE 0005 MCS S012962 STARTS ON PAGE 0007 MCS S013040 STARTS ON PAGE 0008 MCS S013093 STARTS ON PAGE 0008 MCS S013162 STARTS ON PAGE 0009 MCS S013189 STARTS ON PAGE 0011

CA Datacom/AD 15.1
CA RS 2006 Product/Component Listing

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Product Family	Product	Release
Database	CA DATACOM/AD	15.01.00
	CA IPC	15.01.00
	CA DATACOM	15.00.00
The CA RS 2006 Product/Component Count for this release is 3		

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
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
	S011479	CABDF10
	S011436	CABDF10
	S011435	CABDF10
	S011403	CABDF10
	S011331	CABDF10
	S011326	CAVEF10
	S011247	CABDF10
	S011223	CAVEF10

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S009835	CABDF10
	S009814	CAVEF10
	S009679	CABDF10
	S009494	CABDF10
	S009474	CABDF10
CAR1909	S009749	CAADF10
	S009682	CABDF10
	S009648	CABDF10

CA Datacom/AD 15.1
All CA RS Levels Service List

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

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S004529	CAADF10
CAR1902	S007113	CABDF10
	S007076	CAVQF10
	S006840	CABDF10
	S006815	CABDF10
	S006692	CABDF10
	S006665	CAYTF02
	S006664	CAYTF00

CA RS Level	Service	FMID
	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
	S005583	CABDF10
	S005492	CABDF10
	S005423	CABDF10
	S005417	CAVEF10
	S005404	CABDF10
	S005360	CABDF10
	S005352	CAVEF10
	S005300	CAVEF10

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CA RS Level	Service	FMID
	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
	S004197	CAVEF10
	S004157	CAADF10
	S004152	CAVEF10
	S004151	CABDF10
	S004095	CABDF10
	S004057	CABDF10
	S003985	CABDF10
	S003866	CABDF10

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CA RS Level	Service	FMID
	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
	S001226	CABDF10
	S001212	CABDF10
	S001184	CABDF10
	S001151	CAVQF10
	S000426	CAVEF10
CAR1804	S000922	CABDF10
	S000629	CABDF10
	S000074	CABDF10

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CA RS Level	Service	FMID
	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
	R095900	CAYTF00
CAR1711	R098683	CABDF10
	R098636	CAADF10
	R098593	CABDF10
	R098521	CAVEF10
	R098426	CABDF10
	R098417	CABDF10
	R098393	CABDF10

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CA RS Level	Service	FMID
	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
	R097225	CAVEF10
	R097209	CABDF10
	R097131	CAVEF10
	R097126	CAVEF10
	R096797	CAVEF10
	R096118	CAVEF10
	R095978	CAVEF10
CAR1708	R097082	CABDF10

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CA RS Level	Service	FMID
	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
	R095097	CAADF10
	R094902	CABDF10
CAR1705	R095737	CAVEF10
	R095667	CABDF10
	R095609	CAVEF10
	R095548	CABDF10
	R095352	CAVEF10
	R095305	CABDF10

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CA RS Level	Service	FMID
	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
	R092858	CABDF10
	R092736	CAADF10
	R092663	CAYTF02
	R092600	CABDF10
	R092507	CAADF10
	R092441	CABDF10
	R092436	CABDF10
	R092398	CABDF10

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CA RS Level	Service	FMID
	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
	R090821	CABDF10
	R090729	CAADF10
	R090607	CAVQF10
	R090586	CABDF10
	R090535	CABDF10
	R090486	CABDF10
	R090414	CAVQF10
	R090397	CABDF10

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