

CA Datacom/AD 15.0
CA RS 1706 Service List

Service	Description	Type
R094698	PROCESS ORDERED CHAIN POINTER IN ORPHAN REPORT	PTF
R095060	ALLOW DELETE OF INVALID UNIVERSAL DATABASE AND AREA OCCUR.	PTF
R095091	INDEX QUEUE PERFORMANCE ENHANCEMENT FOR DELETE BLOCK	PTF
R095595	FORCED SPILL DOES NOT OCCUR AFTER THRESHOLD REACHED	*HIP/PRP*
R095824	MUF HUNG WITH MULTIPLE TASKS DOING ROLBK AND WAITING	PTF
R095896	ENHANCE REQCOMIT AND REQROLBK FOR HUNG LOGPR	PTF
R095931	LXX INIT WITH SIMPLIFY_BYPASS_EDITS_1 GETS DB10055E	PTF
R096028	MUF SOC4 IN DBIDXPR WITH DBUTLTY LOAD MULTUSE=YES LOADDUPS=Y	PTF
R096345	DDUTLTY GETS ERROR MESSAGE DDT005034 DURING ORPHAN REPORT	PTF
The CA RS 1706 service count for this release is 9		

CA Datacom/AD
CA RS 1706 Service List for CAADF00

FMID	Service	Description	Type
CAADF00	RO94698	PROCESS ORDERED CHAIN POINTER IN ORPHAN REPORT	PTF
	RO95060	ALLOW DELETE OF INVALID UNIVERSAL DATABASE AND AREA OCCUR.	PTF
	RO96345	DDUTILTY GETS ERROR MESSAGE DDT005034 DURING ORPHAN REPORT	PTF
The CA RS 1706 service count for this FMID is 3			

CA Datacom/AD
CA RS 1706 Service List for CABDF00

FMID	Service	Description	Type
CABDF00	R095091	INDEX QUEUE PERFORMANCE ENHANCEMENT FOR DELETE BLOCK	PTF
	R095595	FORCED SPILL DOES NOT OCCUR AFTER THRESHOLD REACHED	*HIP/PRP*
	R095824	MUF HUNG WITH MULTIPLE TASKS DOING ROLBK AND WAITING	PTF
	R095896	ENHANCE REQCOMIT AND REQROLBK FOR HUNG LOGPR	PTF
	R095931	LXX INIT WITH SIMPLIFY_BYPASS_EDITS_1 GETS DB10055E	PTF
	R096028	MUF SOC4 IN DBIDXPR WITH DBUTLTY LOAD MULTUSE=YES LOADDUPS=Y	PTF
The CA RS 1706 service count for this FMID is 6			

CA Datacom/AD 15.0
CA RS 1706 - PTF RO94698 Details

Service	Details				
RO94698	<p>RO94698 M.C.S. ENTRIES = ++PTF (RO94698)</p> <p>PROCESS ORDERED CHAIN POINTER IN ORPHAN REPORT</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>Allow the Orphan Report processing to check for broken ordered relationship chains. This enhancement will allow relationship rows with ordered chain data that does not reference existing entity-occurrences to be reported and/or deleted. Currently the Orphan Report processing for relationships only processes subject and object data.</p> <p>PRODUCT(S) AFFECTED:</p> <table><tr><td>CA Datacom Datadictionary</td><td>Version 15.0</td></tr><tr><td>CA Datacom Datadictionary</td><td>Release 15.1</td></tr></table> <p>Related Problem:</p> <p>DD 2162</p> <p>Copyright (C) 2017 CA. All rights reserved. R00405-DCM150-SP2</p> <p>DESC(PROCESS ORDERED CHAIN POINTER IN ORPHAN REPORT).</p> <p>++VER (Z038)</p> <p>FMID (CAADF00)</p> <p>PRE (RO84762)</p> <p>SUP (RO84934 TR84934 TR94698)</p>	CA Datacom Datadictionary	Version 15.0	CA Datacom Datadictionary	Release 15.1
CA Datacom Datadictionary	Version 15.0				
CA Datacom Datadictionary	Release 15.1				

CA Datacom/AD 15.0
CA RS 1706 - PTF RO95060 Details

Service	Details
RO95060	<p>RO95060 M.C.S. ENTRIES = ++PTF (RO95060)</p> <p>ALLOW DELETE OF INVALID UNIVERSAL DATABASE AND AREA OCCUR. PROBLEM DESCRIPTION: DDUPDATE and DDOL do not allow DATABASE and AREA occurrences named UNIVERSAL to be deleted. These occurrences are remnants of an error converting from FILE and RECORD to TABLE in Release 8.0. An attempt to delete them in DDUPDATE or DDOL receives an SP6 error from DSF. SYMPTOMS: In DDUPDATE an attempt to delete a DATABASE or AREA named UNIVERSAL receives the error message: DDPSP60001 RESERVED STRUCTURE - CANNOT PROCESS In DDOL the attempt will result in the DSF Error Panel being displayed with a DSF Return Code of SP6. IMPACT: While the presence of these occurrences in themselves does not cause a problem, they can cause errors when performing generic updates against the entity-types. This can result in problems performing the upgrade from one Datadictionary version to another. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom Datadictionary Version 15.0 CA Datacom Datadictionary Release 15.1 Related Problem: DD 2164 Copyright (C) 2017 CA. All rights reserved. R00410-DCM150-SP2</p> <p>DESC(ALLOW DELETE OF INVALID UNIVERSAL DATABASE AND AREA OCCUR.). ++VER (Z038) FMID (CAADF00) PRE (R082860) SUP (R072582 R086346 R087088 R090939 TR72582 TR86346 TR87088 TR90939 TR95060) ++HOLD (RO95060) SYSTEM FMID(CAADF00) REASON (ACTION) DATE (17143) COMMENT (</p> <pre> +-----+ CA Datacom Datadictionary Version 15.0 +-----+ SEQUENCE After Apply +-----+ PURPOSE This allows the deletion of the DATABASE and AREA occurrences named "UNIVERSAL" that were incorrectly added as part of an earlier upgrade. The AREA occurrence in particular has resulted in step failures during the upgrade to Version 15.0 or 15.1 from 14.0. +-----+ USERS AFFECTED Any with a Datadictionary database that has been upgraded steadily since Release 8.0. This can be determined by executing the first step below. +-----+ KNOWLEDGE REQUIRED The user will need some knowledge of Datadictionary Batch Utilities. +-----+ ACCESS REQUIRED The user will need update access to the utilities and </pre>

CA Datacom/AD 15.0
CA RS 1706 - PTF RO95060 Details

Service	Details
	<pre> entity-types (DATABASE and AREA) affected. +-----+-----+ ***** * STEPS TO PERFORM * ***** Step 1: In order to determine if the delete step is required execute the following JCL to generate reports showing that the invalid entity-occurrences exist: //DDUTL JOB your job card information //DDUTILTY EXEC PGM=DDUTILTY //STEPLIB DD your libraries //SYSOUT DD SYSOUT=* //SYSPRINT DD SYSOUT=* //SYSPUNCH DD SYSOUT=* //SYSUDUMP DD SYSOUT=* //SNAPER DD SYSOUT=* //SYSIN DD * -USR your Datadictionary user transaction -RPT INDEX,DATABASE,UNIVERSAL -END -RPT INDEX,AREA,UNIVERSAL -END /* Step 2: If Step 1 shows that one or both of these occurrences exist execute the following job with this PTF applied: //DDUTL JOB your job card information //DDUPD EXEC PGM=DDUPDATE //STEPLIB DD your libraries //SYSOUT DD SYSOUT=* //SYSPRINT DD SYSOUT=* //SYSPUNCH DD SYSOUT=* //SYSUDUMP DD SYSOUT=* //SNAPER DD SYSOUT=* //SYSIN DD * -USR your Datadictionary user transaction -DEL AREA,UNIVERSAL -END -DEL DATABASE,UNIVERSAL -END /* Note: This sample assumes both entity-occurrences are present. If only one of them is present use only the -DEL transaction for that occurrence. Note: The Status/Version is intentionally left out. The transactions will fail if it is specified.). </pre>

CA Datacom/AD 15.0
CA RS 1706 - PTF RO95091 Details

Service	Details
RO95091	<p>RO95091 M.C.S. ENTRIES = ++PTF (RO95091)</p> <p>INDEX QUEUE PERFORMANCE ENHANCEMENT FOR DELETE BLOCK ENHANCEMENT DESCRIPTION: This product enhancement delivers early support for two new console-like commands. They are: X_QUEUE_GOVERNOR1 X_QUEUE_GOVERNOR2</p> <p>These commands can be used at the direction of CA support to tune certain internal behaviors in the CA Datacom/DB Multi-User Facility related to the depth of the Index Queue.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Version 15.0 CA Datacom/DB Version 15.1</p> <p>Related Problem: DB 5256</p> <p>Copyright (C) 2017 CA. All rights reserved. R00412-DCM150-SP2</p> <p>DESC(INDEX QUEUE PERFORMANCE ENHANCEMENT FOR DELETE BLOCK). ++VER (Z038) FMID (CABDF00) PRE (R067423 R072081 R072197 R072240 R074331 R077059 R077658 R078206 R079688 R081612 R085408 R087023 R087495 R091812 R092700 R093026) SUP (R072714 R073033 R078730 R080173 R080374 R089163 R091354 R093097 TR72714 TR73033 TR78730 TR80173 TR80374 TR89163 TR91354 TR93097 TR95091)</p>

CA Datacom/AD 15.0
CA RS 1706 - PTF RO95595 Details

Service	Details
RO95595	<p>RO95595 M.C.S. ENTRIES = ++PTF (RO95595)</p> <p>FORCED SPILL DOES NOT OCCUR AFTER THRESHOLD REACHED</p> <p>PROBLEM DESCRIPTION: The CA Datacom/DB Log File (LXX) is not spilled even if the threshold for "Forced Spill" as specified in the CA Datacom/DB Multi-User Facility (MUF) startup option LOGSPILL has been reached or exceeded. The problem occurs if the preceding RESTART was unable to complete at least one LOGPR command. There may be other conditions causing the same problem.</p> <p>SYMPTOMS: The MUF continues to issue the following message as the LXX fills up beyond the "Forced Spill" value without the "Forced Spill" ever starting: DB00309I - LOG AREA IS nn% FULL... where nn is greater than the "Forced Spill" threshold value in the LOGSPILL MUF startup option.</p> <p>IMPACT: The LXX cannot be spilled.</p> <p>CIRCUMVENTION: None.</p> <p>PRODUCT(S) AFFECTED: CA Datacom/DB Version 15.0 CA Datacom/DB Version 15.1</p> <p>Related Problem: DB 5272</p> <p>Copyright (C) 2017 CA. All rights reserved. R00417-DCM150-SP2</p> <p>DESC(FORCED SPILL DOES NOT OCCUR AFTER THRESHOLD REACHED). ++VER (Z038) FMID (CABDF00) PRE (RO68861 RO72240 RO74085 RO81612 RO93515) SUP (RC80958 RO87800 RO91649 RO94463 SC80958 TR87800 TR91649 TR94463 TR95595)</p>

CA Datacom/AD 15.0
CA RS 1706 - PTF RO95824 Details

Service	Details																																		
RO95824	<p>RO95824 M.C.S. ENTRIES = ++PTF (RO95824)</p> <p>MUF HUNG WITH MULTIPLE TASKS DOING ROLBK AND WAITING</p> <p>PROBLEM DESCRIPTION:</p> <p>When the CA Datacom/DB Multi-User Facility (MUF) is running in a MUFplex environment, a ROLBK command can hang indefinitely with status "WAIT REQ". Other tasks will not be able to add entries to the Log File (LXX) and will also hang with status "WAIT ADD LOG RC" or "LOG CHAIN LOCK".</p> <p>As a result, the MUF may not be able to process new requests and processing may come to a halt. The MUF may need to be cycled.</p> <p>SYMPTOMS:</p> <p>Applications are hanging. A COMM STATUS report of the MUF will show one or more tasks in wait status "WAIT ADD LOG RC" and ROLBK commands in wait status "LOG CHAIN LOCK". For example:</p> <table border="0"> <tr> <td>DB01329I -</td> <td>2:41</td> <td>CICSJOBA 78063</td> <td>205 ROLBK</td> <td>448410 LOG CHAIN LOCK</td> </tr> <tr> <td>DB01329I -</td> <td>2:46</td> <td>CICSJOBA 78063</td> <td>209 ROLBK</td> <td>361680 LOG CHAIN LOCK</td> </tr> <tr> <td>DB01330I -</td> <td></td> <td>CICSJOBA 78063</td> <td>201 NOT ACTIVE</td> <td></td> </tr> <tr> <td>DB01329I -</td> <td>2:58</td> <td>CICSJOBA 78063</td> <td>206 LOGCR</td> <td>161974 WAIT ADD LOG RC</td> </tr> <tr> <td>DB01329I -</td> <td>2:55</td> <td>CICSJOBA 78063</td> <td>207 UPDAT</td> <td>216883 WAIT ADD LOG RC</td> </tr> <tr> <td>DB01329I -</td> <td>2:50</td> <td>CICSJOBA 78063</td> <td>208 ADDIT</td> <td>305978 WAIT ADD LOG RC</td> </tr> </table> <p>IMPACT:</p> <p>Applications are hanging and there is an outage when MUF needs to be cycled.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <table border="0"> <tr> <td>CA Datacom/DB</td> <td>Version 15.0</td> </tr> <tr> <td>CA Datacom/DB</td> <td>Version 15.1</td> </tr> </table> <p>Related Problem:</p> <p>DB 5270</p> <p>Copyright (C) 2017 CA. All rights reserved. R00420-DCM150-SP2</p> <p>DESC(MUF HUNG WITH MULTIPLE TASKS DOING ROLBK AND WAITING).</p> <p>++VER (Z038)</p> <p>FMID (CABDF00)</p> <p>PRE (RO77059 RO83027 RO86101 RO94434)</p> <p>SUP (KC80958 PC80958 RO88813 RO90187 RO93845 TR88813</p> <p>TR90187 TR93845 TR95824)</p>	DB01329I -	2:41	CICSJOBA 78063	205 ROLBK	448410 LOG CHAIN LOCK	DB01329I -	2:46	CICSJOBA 78063	209 ROLBK	361680 LOG CHAIN LOCK	DB01330I -		CICSJOBA 78063	201 NOT ACTIVE		DB01329I -	2:58	CICSJOBA 78063	206 LOGCR	161974 WAIT ADD LOG RC	DB01329I -	2:55	CICSJOBA 78063	207 UPDAT	216883 WAIT ADD LOG RC	DB01329I -	2:50	CICSJOBA 78063	208 ADDIT	305978 WAIT ADD LOG RC	CA Datacom/DB	Version 15.0	CA Datacom/DB	Version 15.1
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CA Datacom/AD 15.0
CA RS 1706 - PTF RO95896 Details

Service	Details
RO95896	<p>RO95896 M.C.S. ENTRIES = ++PTF (RO95896)</p> <p>ENHANCE REQCOMIT AND REQROLBK FOR HUNG LOGPR</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This product enhancement provides additional support for the use of the REQCOMIT and REQROLBK commands to resolve a hung RRS LOGPR after RESTART processing of the CA Datacom/DB Multi-User Facility (MUF).</p> <p>Normally Datacom is dependent on z/OS's Resource Recovery Services (RRS) to resolve an outstanding batch two-phase commit, which was active when the MUF abnormally terminated. In atypical situations RRS may alert Datacom that no automated resolution is possible. When that is the case, RESTART issues message DB01218W and REQCOMIT or REQROLBK can be used to manually resolve the hanging LOGPR.</p> <p>This enhancement is provided for the unlikely case where RRS does not inform Datacom during the RESTART of MUF that it is unable to resolve the outstanding two-phase commit and no resolution is forthcoming.</p> <p>With this enhancement REQCOMIT or REQROLBK may now be issued and processed when a task is in a status of TASK ACTIVE with a command of LOGPR and a table name of RRS, if the LOGPR originated during RESTART reprocessing of a batch job which had an outstanding two-phase commit at the time of the MUF failure.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom/DB Version 15.0</p> <p>CA Datacom/DB Version 15.1</p> <p>Related Problem:</p> <p>DB 5267</p> <p>Copyright (C) 2017 CA. All rights reserved. R00421-DCM150-SP2</p> <p>DESC(ENHANCE REQCOMIT AND REQROLBK FOR HUNG LOGPR).</p> <p>++VER (Z038)</p> <p>FMID (CABDF00)</p> <p>PRE (RO68861 RO72240 RO74085 RO77059 RO83027 RO83461 RO85408 RO87938 RO88365 RO91812 RO93505)</p> <p>SUP (EC80958 RO73987 RO81000 RO81240 RO83755 TR73588 TR73987 TR81000 TR81240 TR83755 TR95896)</p>

CA Datacom/AD 15.0
CA RS 1706 - PTF RO95931 Details

Service	Details						
RO95931	<p>RO95931 M.C.S. ENTRIES = ++PTF (RO95931)</p> <p>LXX INIT WITH SIMPLIFY_BYPASS_EDITS_1 GETS DB10055E</p> <p>PROBLEM DESCRIPTION:</p> <p>A user running a Multi-User Facility (MUF) in SIMPLIFY mode wants to initialize a new LXX for future use. He runs DBUTLTY INIT LXX specifying a different LXX dataset name than is currently in use. Since he has specified the parameter OPTION1=SIMPLIFY_BYPASS_EDITS_1, he expects the INIT to succeed. Instead, DBUTLTY abends with message DB10055E.</p> <p>SYMPTOMS:</p> <p>DBUTLTY INIT of the LXX fails with the following message: DB10055E - A MUF RUNNING WITH CXX, NOT ALLOWED</p> <p>IMPACT:</p> <p>A new LXX cannot be initialized while the corresponding MUF is active in SIMPLIFY mode.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">CA Datacom/DB</td> <td style="text-align: right;">Version 14.0</td> </tr> <tr> <td>CA Datacom/DB</td> <td style="text-align: right;">Version 15.0</td> </tr> <tr> <td>CA Datacom/DB</td> <td style="text-align: right;">Version 15.1</td> </tr> </table> <p>Related Problem:</p> <p>DB 5233</p> <p>Copyright (C) 2017 CA. All rights reserved. R00424-DCM150-SP2</p> <p>DESC(LXX INIT WITH SIMPLIFY_BYPASS_EDITS_1 GETS DB10055E).</p> <p>++VER (Z038)</p> <p>FMID (CABDF00)</p> <p>PRE (RO72197 RO80123 RO83027 RO85366 RO89338)</p> <p>SUP (AR80123 RO87047 RO91216 TR87047 TR91216 TR95931)</p>	CA Datacom/DB	Version 14.0	CA Datacom/DB	Version 15.0	CA Datacom/DB	Version 15.1
CA Datacom/DB	Version 14.0						
CA Datacom/DB	Version 15.0						
CA Datacom/DB	Version 15.1						

CA Datacom/AD 15.0
CA RS 1706 - PTF RO96028 Details

Service	Details						
RO96028	<p>RO96028 M.C.S. ENTRIES = ++PTF (RO96028)</p> <p>MUF S0C4 IN DBIDXPR WITH DBUTLTY LOAD MULTUSE=YES LOADDUPS=Y</p> <p>PROBLEM DESCRIPTION: The CA Datacom/DB Multi-User Facility (MUF) abends with a S0C4 in module DBIDXPR. This can occur when all the following conditions are true:</p> <ol style="list-style-type: none"> 1) A DBUTLTY LOAD is run specifying MULTUSE=YES and LOADDUPS=YES. 2) A duplicate key value is loaded for a Master Key not allowing duplicates or a Unique Key. 3) The MUF's Index buffers reside in 64-bit memory. <p>SYMPTOMS: MUF abends with a S0C4 in module DBIDXPR.</p> <p>IMPACT: There is a MUF outage.</p> <p>CIRCUMVENTION: If possible, run the DBUTLTY LOAD in single user mode, either by specifying or defaulting to MULTUSE=NO.</p> <p>PRODUCT(S) AFFECTED:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">CA Datacom/DB</td> <td style="text-align: right;">Version 14.0</td> </tr> <tr> <td>CA Datacom/DB</td> <td style="text-align: right;">Version 15.0</td> </tr> <tr> <td>CA Datacom/DB</td> <td style="text-align: right;">Version 15.1</td> </tr> </table> <p>Related Problem: DB 5271</p> <p>Copyright (C) 2017 CA. All rights reserved. R00426-DCM150-SP2</p> <p>DESC(MUF S0C4 IN DBIDXPR WITH DBUTLTY LOAD MULTUSE=YES LOADDUPS=Y). ++VER (Z038) FMID (CABDF00) PRE (RO67423 RO72240 RO78206 RO92700 RO95091) SUP (RO72714 RO89163 TR72714 TR89163 TR96028)</p>	CA Datacom/DB	Version 14.0	CA Datacom/DB	Version 15.0	CA Datacom/DB	Version 15.1
CA Datacom/DB	Version 14.0						
CA Datacom/DB	Version 15.0						
CA Datacom/DB	Version 15.1						

CA Datacom/AD 15.0
CA RS 1706 - PTF RO96345 Details

Service	Details						
RO96345	<p>RO96345 M.C.S. ENTRIES = ++PTF (RO96345)</p> <p>DDUTILTY GETS ERROR MESSAGE DDT005034 DURING ORPHAN REPORT</p> <p>PROBLEM DESCRIPTION:</p> <p>When executing the Datadictionary Orphan Report, the following error message is encountered:</p> <p>**** ERROR **** RETURN CODE = DDT005034 TABLE NOT OPEN</p> <p>With additional text:</p> <p>DB RETURN COMMAND = REDKX FILENAME = xxx</p> <p>Where "xxx" indicated a User-Defined entity-type that has been deleted.</p> <p>SYMPTOMS:</p> <p>The following error message is encountered executing the Datadictionary Orphan Report:</p> <p>**** ERROR **** RETURN CODE = DDT005034 TABLE NOT OPEN</p> <p>IMPACT:</p> <p>The only impact is that the Datadictionary Orphan Report can not be executed successfully.</p> <p>CIRCUMVENTION:</p> <p>The error can be circumvented by temporarily adding the User-Defined entity-type with no entries. This will allow the orphaned rows in the support entities to be reported and, optionally, deleted.</p> <p>PRODUCT(S) AFFECTED:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">CA Datacom Datadictionary</td> <td style="text-align: right;">Release 14.0</td> </tr> <tr> <td>CA Datacom Datadictionary</td> <td style="text-align: right;">Version 15.0</td> </tr> <tr> <td>CA Datacom Datadictionary</td> <td style="text-align: right;">Release 15.1</td> </tr> </table> <p>Related Problem:</p> <p>DD 2141</p> <p>Copyright (C) 2017 CA. All rights reserved. R00430-DCM150-SP2</p> <p>DESC(DDUTILTY GETS ERROR MESSAGE DDT005034 DURING ORPHAN REPORT).</p> <p>++VER (Z038)</p> <p>FMID (CAADF00)</p> <p>PRE (RO84762)</p> <p>SUP (RO84934 RO94698 TR84934 TR94698 TR96341 TR96345)</p>	CA Datacom Datadictionary	Release 14.0	CA Datacom Datadictionary	Version 15.0	CA Datacom Datadictionary	Release 15.1
CA Datacom Datadictionary	Release 14.0						
CA Datacom Datadictionary	Version 15.0						
CA Datacom Datadictionary	Release 15.1						

CA Datacom/AD 15.0
CA RS 1706 Product/Component Listing

Product Family	Product	Release
DATACOM	CA DATACOM	15.00.00
	CA DATACOM/AD	15.00.00
The CA RS 1706 Product/Component Count for this release is 2		

CA Datacom/AD 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
CAR1706	R096345	CAADF00
	R096028	CABDF00
	R095931	CABDF00
	R095896	CABDF00
	R095824	CABDF00
	R095595	CABDF00
	R095091	CABDF00
	R095060	CAADF00
	R094698	CAADF00
CAR1705	R095838	CAAXF00
	R095733	CAVEF00
	R095088	CABDF00
CAR1704	R095035	CABDF00
	R094915	CAVEF00
	R094881	CAAXF00
	R094778	CAADF00
	R094468	CABDF00
	R094463	CABDF00
	R094148	CAVEF00
	R093676	CAVEF00
	R093453	CAVEF00
	R093402	CAVEF00
	R093323	CAVEF00
	R093267	CAVEF00
CAR1703	R094442	CAADF00
	R094434	CABDF00
	R094404	CAADF00
	R094304	CABDF00
	R094178	CABDF00
	R094164	CABDF00
	R093845	CABDF00
	R092676	CABDF00
CAR1702	R094089	CABDF00
	R094087	CAAXF00
	R093667	CAVEF00
	R093604	CAVEF00
	R093555	CABDF00
	R093515	CABDF00
	R093486	CAYTF00
CAR1701	R093505	CABDF00
	R093497	CAAXF00
	R093407	CABDF00
	R093379	CABDF00
	R093366	CAADF00
	R093306	CAVEF00
	R093211	CABDF00
	R093179	CABDF00
	R093083	CABDF00
	R092900	CAVEF00
	R092700	CABDF00
	R092663	CAYTF02
	R092484	CABDF00
CAR1612	R093097	CABDF00
	R093089	CABDF00
	R093062	CABDF00

CA Datacom/AD 15.0
All CA RS Levels Service List

CA RS Level	Service	FMID
	R093026	CABDF00
	R092776	CABDF00
	R092285	CABDF00
	R091837	CABDF00
CAR1611	R092737	CAADF00
	R092399	CABDF00
	R092281	CAVEF00
	R092248	CABDF00
	R092103	CABDF00
	R091449	CABDF00
	R091393	CABDF00
CAR1610	R092172	CAVEF00
	R092008	CAVEF00
	R091991	CAVEF00
	R091956	CAAXF00
	R091812	CABDF00
	R091649	CABDF00
	R091580	CAVEF00
	R091216	CABDF00
CAR1609	R091685	CAADF00
	R091496	CABDF00
	R091474	CABDF00
	R091426	CABDF00
	R091354	CABDF00
	R091295	CABDF00
	R091164	CABDF00
	R091001	CAAXF00
	R090997	CAVEF00
	R090972	CABDF00
	R090728	CABDF00
CAR1608	R091112	CAVEF00
	R090970	CABDF00
	R090968	CABDF00
	R090966	CAADF00
	R090939	CAADF00
	R090915	CABDF00
	R090877	CABDF00
	R090695	CAVQF00
	R090405	CAVEF00
	R089818	CABDF00
	R089160	CAYTF02
	R089159	CAYTF00
	R088304	CAADF00
	R086742	CABDF00
CAR1607	R090822	CABDF00
	R090730	CAADF00
	R090557	CAVEF00
	R090470	CAVEF00
	R090378	CAAXF00
	R090272	CAVEF00
	R090221	CABDF00
	R090187	CABDF00
CAR1606	R090178	CABDF00
	R090157	CAVEF00
	R090067	CAADF00

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CA RS Level	Service	FMID
	RO90052	CAAXF00
	RO90043	CAVEF00
	RO90011	CABDF00
	RO89957	CABDF00
	RO89593	CABDF00
	RO89588	CAVEF00
	RO89477	CAVQF00
	RO89276	CAVEF00
	RO89082	CAVQF00
CAR1605	RO89519	CAVEF00
	RO89518	CAVEF00
	RO89473	CABDF00
	RO89348	CAVEF00
	RO89338	CABDF00
	RO89163	CABDF00
	RO89016	CAYTF02
	RO88610	CAVEF00
CAR1604	RO89125	CABDF00
	RO89021	CABDF00
	RO88959	CABDF00
	RO88911	CABDF00
	RO88875	CABDF00
	RO88868	CABDF00
	RO88813	CABDF00
	RO88616	CAVEF00
	RO88542	CAADF00
	RO88440	CAVEF00
	RO88393	CAVEF00
	RO88391	CAVEF00
	RO88365	CABDF00
	RO88293	CABDF00
	RO88157	CAYTF02
	RO88156	CAYTF00
	RO87666	CAYTF02
CAR1603	RO88227	CAVEF00
	RO88189	CAVEF00
	RO88176	CAVEF00
	RO88154	CABDF00
	RO88132	CABDF00
	RO88081	CABDF00
	RO87989	CABDF00
	RO87938	CABDF00
	RO87913	CAADF00
	RO87861	CAVEF00
	RO87765	CABDF00
	RO87554	CAADF00
	RO87529	CABDF00
	RO86589	CAVEF00
CAR1602	RO87800	CABDF00
	RO87686	CABDF00
	RO87518	CABDF00
	RO87495	CABDF00
	RO87472	CABDF00
	RO87471	CABDF00
	RO87452	CAADF00

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CA RS Level	Service	FMID
	R087444	CAADF00
	R087282	CAADF00
	R087274	CABDF00
	R087217	CABDF00
	R087023	CABDF00
	R081768	CAYTF02
	RO79335	CAYTF02
	RO79251	CAYTF02
	RO76353	CAYTF02
	RO74101	CAYTF02
	RO73679	CAYTF02
CAR1601	R087088	CAADF00
	R087047	CABDF00
	R086854	CAADF00
	R086717	CABDF00
	R086614	CAADF00
CAR1512	R086588	CABDF00
	R086400	CABDF00
	R086346	CAADF00
	R086318	CABDF00
	R086101	CABDF00
	R085869	CABDF00
	R085846	CAVEF00
CAR1511	R085798	CAVEF00
	R085671	CAVEF00
	R085592	CABDF00
	R085559	CABDF00
	R085518	CAADF00
	R085408	CABDF00
	R085366	CABDF00
	R085363	CABDF00
	R085202	CAADF00
	R085201	CAVEF00
	R085024	CAVEF00
	R084959	CAVEF00
	R084950	CABDF00
	R084928	CABDF00
	R084892	CAVEF00
	R084885	CAVEF00
	R084876	CAVEF00
	R084825	CAVEF00
	R084805	CAVEF00
	R084797	CAVEF00
	R084670	CAVEF00
	R084658	CABDF00
	R084647	CABDF00
	R084398	CAVEF00
	R084145	CAVEF00
	RO79826	CABDF00
CAR1510	R084934	CAADF00
	R084793	CABDF00
	R084762	CAADF00
	R084703	CAADF00
	R084635	CABDF00
	R084605	CABDF00

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CA RS Level	Service	FMID
	R084452	CAVEF00
	R084442	CAVEF00
	R084436	CAVEF00
	R084356	CAVEF00
	R084293	CABDF00
	R084240	CABDF00
	R083755	CABDF00
	R081529	CABDF00
CAR1509	R083799	CABDF00
	R083721	CABDF00
	R083547	CAADF00
	R083461	CABDF00
	R083456	CAVQF00
	R083425	CABDF00
	R083154	CABDF00
	R083102	CAVEF00
	R083077	CABDF00
CAR1508	R083166	CAVEF00
	R083027	CABDF00
	R082947	CAVEF00
	R082922	CAVEF00
	R082864	CABDF00
	R082860	CAADF00
	R081162	CAVEF00
	R078702	CAVEF00
CAR1507	R082479	CAVEF00
	R082205	CABDF00
	R082156	CABDF00
	R082108	CABDF00
	R081931	CABDF00
	R081820	CABDF00
	R081721	CAYTF00
	R081612	CABDF00
	R078807	CAVEF00
CAR1506	R081525	CABDF00
	R081285	CABDF00
	R081240	CABDF00
	R081155	CABDF00
	R081127	CABDF00
	R081000	CABDF00
	R080917	CABDF00
	R080872	CAVEF00
	R080137	CAYTF00
	R080123	CABDF00
CAR1505	R080804	CAVEF00
	R080771	CAVEF00
	R080767	CAVEF00
	R080634	CAADF00
	R080556	CABDF00
	R080417	CABDF00
	R080374	CABDF00
	R080212	CAVQF00
	R080173	CABDF00
	R080084	CABDF00
	R079989	CABDF00

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CA RS Level	Service	FMID
	RO79585	CAVQF00
	RO79334	CAYTF00
	RO79042	CAVQF00
	RO77832	CABDF00
	RO75168	CAVQF00
	RO74448	CABDF00
CAR1504	RO79688	CABDF00
	RO79678	CAVEF00
	RO79539	CABDF00
	RO79439	CAVEF00
	RO79425	CAVEF00
	RO79250	CAYTF00
	RO79086	CAVEF00
	RO78796	CAVEF00
	RO77114	CAVEF00
CAR1503	RO78731	CAVEF00
	RO78730	CABDF00
	RO78697	CAVEF00
	RO78683	CAVEF00
	RO78557	CAVEF00
	RO78206	CABDF00
	RO78150	CABDF00
	RO78133	CAVEF00
	RO77658	CABDF00
CAR1502	RO77621	CAADF00
	RO77246	CABDF00
	RO77089	CAADF00
CAR1501	RO77059	CABDF00
	RO76058	CABDF00
	RO75752	CABDF00
	RO75689	CAADF00
	RO73037	CAVEF00
CAR1412	RO75649	CAADF00
	RO75643	CAVEF00
	RO75411	CAVEF00
	RO75397	CAVQF00
	RO75194	CAADF00
	RO74331	CABDF00
	RO74322	CAVEF00
CAR1411	RO75289	CAVEF00
	RO75038	CAADF00
	RO74875	CABDF00
	RO74860	CAVEF00
	RO74608	CABDF00
	RO74092	CAVEF00
	RO74085	CABDF00
	RO74081	CAVQF00
	RO74070	CABDF00
	RO74060	CABDF00
	RO74058	CAADF00
	RO74018	CABDF00
	RO74017	CABDF00
	RO74016	CABDF00
	RO74004	CAVEF00
	RO73989	CABDF00

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CA RS Level	Service	FMID
	RO73988	CAVEF00
	RO73987	CABDF00
	RO73785	CAYTF00
	RO73777	CABDF00
	RO73508	CAYTF00
	RO73490	CAADF00
	RO73389	CABDF00
	RO73203	CAVEF00
	RO73094	CABDF00
	RO72842	CAADF00
	RO72714	CABDF00
	RO72582	CAADF00