

Datacom DB Core 15.1
CA RS 2307 Service List

1

Service	Description	Type
LU09826	ENHANCEMENT: ADD LEVEL SET VALUES WITHIN THE INQIN COMMAND	PTF
LU09888	ENHANCEMENT: VALIDATION SITE TESTING VSAM LINEAR CXX	PTF
LU09907	ENHANCEMENT: PROVIDE QA EXTENDED TESTING	PTF
LU10163	ENHANCEMENT: DBUTLTY STATUS FOR OLREORG FIRSTKEY/LASTKEY	PTF
LU10270	MULTIPLE DBUTLTY REPLACE FUNCTIONS IN JOB CAN CAUSE MUF LOOP	**HIPER**
LU10303	CXX REPORT FOR VSAM DATASETS SHOWS INCORRECT INFORMATION	PTF
LU10325	SCRT REPORT INADVERTENTLY LISTS TWO ENTRIES FOR DATACOM/AD	PTF
LU10407	LOOPS AND MISC ABENDS AFTER APPLYING LU10056	** PRP **
LU10418	FUTURE ENHANCEMENT	PTF
LU10431	DBUTLTY RETIX IN MUF GETS RC 51 (3) WITH BUFFER_POOL_INDEX	PTF
LU10438	DBUTLTY REPORT AREA=CXX FOR A PARTITIONED TABLE CAN ABEND	PTF
LU10446	DSF ERROR NBDV ISSUED INCORRECTLY FOR SQL-DATE	PTF
LU10469	RC(89) OR SQLCODE -10 OUT OF MEMORY WITH DYNAMIC CRS DEL/UPD	PTF
LU10493	RESTORE LU10407 THAT LU10418 REGRESSED	** PRP **
The CA RS 2307 service count for this release is 14		

Datacom DB Core
CA RS 2307 Service List for CAADF10

2

FMID	Service	Description	Type
CAADF10	LU10446	DSF ERROR NBDV ISSUED INCORRECTLY FOR SQL-DATE	PTF
The CA RS 2307 service count for this FMID is 1			

Datacom DB Core
CA RS 2307 Service List for CABDF10

3

FMID	Service	Description	Type
CABDF10	LU09826	ENHANCEMENT: ADD LEVEL SET VALUES WITHIN THE INQIN COMMAND	PTF
	LU09888	ENHANCEMENT: VALIDATION SITE TESTING VSAM LINEAR CXX	PTF
	LU09907	ENHANCEMENT: PROVIDE QA EXTENDED TESTING	PTF
	LU10163	ENHANCEMENT: DBUTLTY STATUS FOR OLREORG FIRSTKEY/LASTKEY	PTF
	LU10270	MULTIPLE DBUTLTY REPLACE FUNCTIONS IN JOB CAN CAUSE MUF LOOP	**HIPER**
	LU10303	CXX REPORT FOR VSAM DATASETS SHOWS INCORRECT INFORMATION	PTF
	LU10325	SCRT REPORT INADVERTENTLY LISTS TWO ENTRIES FOR DATACOM/AD	PTF
	LU10431	DBUTLTY RETIX IN MUF GETS RC 51 (3) WITH BUFFER_POOL_INDEX	PTF
	LU10438	DBUTLTY REPORT AREA=CXX FOR A PARTITIONED TABLE CAN ABEND	PTF
The CA RS 2307 service count for this FMID is 9			

Datacom DB Core
CA RS 2307 Service List for CAVEF10

4

FMID	Service	Description	Type
CAVEF10	LU10407	LOOPS AND MISC ABENDS AFTER APPLYING LU10056	** PRP **
	LU10418	FUTURE ENHANCEMENT	PTF
	LU10469	RC(89) OR SQLCODE -10 OUT OF MEMORY WITH DYNAMIC CRS DEL/UPD	PTF
	LU10493	RESTORE LU10407 THAT LU10418 REGRESSED	** PRP **
The CA RS 2307 service count for this FMID is 4			

Service	Details
LU09826	LU09826 M.C.S. ENTRIES = ++PTF (LU09826) REWORK(2023157) ENHANCEMENT: ADD LEVEL SET VALUES WITHIN THE INQIN COMMAND ENHANCEMENT DESCRIPTION: This product enhancement delivers code which implements Datacom INQIN command changes which allow for applications to obtain the new Level Set values within the returned work area. Please see the documentation of Level Set PTFs for more information. PRODUCT(S) AFFECTED: DATAACOM/DB Release 15.1 Related Problem: DB 20274 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01157-DCM151 DESC(ENHANCEMENT: ADD LEVEL SET VALUES WITHIN THE INQIN COMMAND). ++VER (Z038) FMID (CABDF10) PRE (LU01400 LU03981 LU04999 LU07738 LU08379 R088469 R090182 R090903 R091632 R092243 R092858 R093251 R093647 R094001 R094095 R096300 R096499 S003879 S006133 S006748 S011513 S013594 S014067) SUP (AS00629 AS09610 LT00457 LT06286 LT09535 LT09595 LT09598 LT09826 LU06286 LU09598 R091254 R094902 R096313 R097329 R097743 S000629 S001443 S004151 S007733 S009610 S009835 S010095 S015292 S015552 ST00629 ST01443 ST04151 ST07733 ST09610 ST09835 ST10095 ST15292 ST15552 TR91254 TR94902 TR96313 TR97329 TR97743) ++HOLD (LU09826) SYSTEM FMID(CABDF10) REASON (DOC) DATE (23157) COMMENT (+-----+ DATAACOM/DB Release 15.1 +-----+ ***** * PUBLICATION * ***** Documentation for the INQIN changes 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/us/en/ca-mainframe-software/database-management/ca-datacom/15-1/release-notes/ca-datacom-features.html).

Datacom DB Core 15.1
CA RS 2307 - PTF LU09888 Details

6

Service	Details
LU09888	LU09888 M.C.S. ENTRIES = ++PTF (LU09888) REWORK(2023179) ENHANCEMENT: VALIDATION SITE TESTING VSAM LINEAR CXX ENHANCEMENT DESCRIPTION: This product enhancement delivers code which implements Datacom changes to support validation site testing allowing the Directory (CXX) to reside in a VSAM Linear dataset for Media Manager access. PRODUCT(S) AFFECTED: DATAKOM/DB Release 15.1 Related Problem: DB 20211 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01162-DCM151 DESC(ENHANCEMENT: VALIDATION SITE TESTING VSAM LINEAR CXX) . ++VER (Z038) FMID (CABDF10) PRE (LU00071 LU00290 LU01370 LU02338 LU02807 LU03070 LU03700 LU03981 LU05611 LU05861 LU07007 LU07312 LU07758 LU07865 LU08669 LU09582 R088863 R090486 R090903 R091015 R091404 R091632 R092259 R092858 R093251 R093647 R094783 R095548 R095667 R097082 R099532 R099997 S000074 S004565 S004931 S005708 S006133 S006692 S006840 S007233 S008622 S009143 S009683 S011247 S011951 S013594 S013716 S014507 S015152) SUP (AS09143 LT04672 LT06941 LT09888 LU04672 LU06941 R094085 R095600 R095719 R096617 R097674 R097677 R098086 S001804 S005383 S006551 S006945 S007425 S008444 S009510 S011435 S014359 ST01804 ST05383 ST06551 ST06945 ST07329 ST07425 ST08444 ST09510 ST11435 ST14359 TR94085 TR95307 TR95600 TR95719 TR96617 TR97674 TR97677 TR98086)

Datacom DB Core 15.1
CA RS 2307 - PTF LU09907 Details

7

Service	Details
LU09907	LU09907 M.C.S. ENTRIES = ++PTF (LU09907) REWORK(2023167) ENHANCEMENT: PROVIDE QA EXTENDED TESTING ENHANCEMENT DESCRIPTION: This product enhancement delivers updated code that is needed to facilitate internal QA testing. PRODUCT(S) AFFECTED: DATAACOM/DB Release 15.1 Datacom SQL Release 15.1 Related Problem: DB 20198 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01164-DCM151 DESC(ENHANCEMENT: PROVIDE QA EXTENDED TESTING). ++VER (Z038) FMID (CABDF10) PRE (LU00071 LU02338 LU03183 LU03981 LU08669 LU08854 R088469 R088530 R090486 R091015 R091404 R092259 R092858 R094095 R095548 R096053 R096260 R096852 R097082 R097818 R098059 R098348 S001597 S004298 S004565 S006133 S006365 S006692 S007835 S008622 S010109 S011479 S011975 S014507 S015871) SUP (AS06692 LT01677 LT01915 LT05105 LT09907 LU01677 LU01915 LU05105 OC90081 R091630 S005617 S007113 S007202 ST05617 ST07113 ST07202 TR91630)

Service	Details
LU10163	LU10163 M.C.S. ENTRIES = ++PTF (LU10163) REWORK(2023160) ENHANCEMENT: DBUTLTY STATUS FOR OLREORG FIRSTKEY/LASTKEY ENHANCEMENT DESCRIPTION: For many long running DBUTLTY functions, progress information can be obtained via console messages. For an online reorganization of a database table (OLREORG) full progress information has been available when the entire table was being reorganized. With this enhancement, available status information is also provided when the FIRSTKEY and/or LASTKEY parameter is used to specify that only a part of the table is to be reorganized. Console command STATUS issued against a DBUTLTY OLREORG displays the progress of the reorganization, if available, via message: DB01334I - OLREORG BASE nnnn TABLE ttt ROW rrr OF ABOUT rrr ROWS MOVED rrr (See the documentation of this message for the meaning of nnnn, ttt and rrr.) Previously, this message was only issued if FIRSTKEY/LASTKEY was NOT specified for the OLREORG execution, because in that case, "OF ABOUT rrr" could not be determined. This enhancement provides STATUS information even if FIRSTKEY/LASTKEY is used. The same message is issued, but in a modified format where "OF ABOUT" is omitted: DB01334I - OLREORG BASE nnnn TABLE ttt ROW rrr ROWS MOVED rrr See the documentation of DBUTLTY STATUS for more information. See the description of message DB01319I for DBUTLTY STATUS availability. PRODUCT(S) AFFECTED: DATAACOM/DB Release 15.1 Related Problem: DB 20252 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01177-DCM151 DESC(ENHANCEMENT: DBUTLTY STATUS FOR OLREORG FIRSTKEY/LASTKEY). ++VER (Z038) FMID (CABDF10) PRE (LU03981 LU05861 LU09582 R088469 R088863 R090903 R091632 R092259 R092858 R093647 R094095 R095915 R096252 R096499 R096769 R097209 R098348 R098604 R099675 S001597 S003825 S004559 S006748 S007233 S009151 S010748) SUP (LT01970 LT09912 LT10163 LU01970 R094000 R097639 R097932 S005221 S014334 S014724 ST05221 ST14334 ST14668 ST14724 TR94000 TR97639 TR97932)

Datacom DB Core 15.1
CA RS 2307 - PTF LU10270 Details

9

Service	Details
LU10270	LU10270 M.C.S. ENTRIES = ++PTF (LU10270) REWORK(2023157) MULTIPLE DBUTLTY REPLACE FUNCTIONS IN JOB CAN CAUSE MUF LOOP PROBLEM DESCRIPTION: Multiple DBUTLTY REPLACE functions in the same DBUTLTY job/step can cause a loop in DATACOM/DB Multi-User facility (MUF) module DBDSMPR. SYMPTOMS: There is a tight CPU loop in the MUF within module DBDSMPR. IMPACT: There is a MUF outage since it needs to be cycled. CIRCUMVENTION: Performing only one REPLACE function per DBUTLTY job/step provides a circumvention. PRODUCT(S) AFFECTED: DATACOM/DB Release 15.1 Related Problem: DB 20529 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01182-DCM151 DESC(MULTIPLE DBUTLTY REPLACE FUNCTIONS IN JOB CAN CAUSE MUF LOOP) . ++VER (Z038) FMID (CABDF10) PRE (LU00290 LU02338 LU02807 LU03981 LU04745 LU05861 LU07828 LU09582 R088863 R090903 R091632 R092259 R093647 R094095 R096133 R097382 R098364 R099675 S000074 S001215 S008120 S010082 S011906 S012932 S013162 S014296) SUP (LT00161 LT00961 LT10270 LU00161 LU00961 R098737 R098973 S004096 S007055 S007786 S009682 S010439 S010870 ST04096 ST07055 ST07786 ST09682 ST10439 ST10870 TR98737 TR98973)

Service	Details
LU10303	LU10303 M.C.S. ENTRIES = ++PTF (LU10303) REWORK(2023158) CXX REPORT FOR VSAM DATASETS SHOWS INCORRECT INFORMATION PROBLEM DESCRIPTION: A DBUTLTY REPORT AREA=CXX for a base which contains VSAM Linear Datasets shows incorrect information for CYL allocations, MGMTCLAS and DATACLAS for these datasets. SYMPTOMS: The CXX report shows incorrect information similar to the following example: <pre>DATA SET NAME - DCMQA.QAMUFA.IXX001 INDEX DTF/DDNAME - IXX001 CANDIDATE VOLUMES - 0 CYL (3556769793,1258291201) MGMTCLASD STORCLAS SCINST DATACLAS DCMQA.QA</pre> The values for CYL, MGMTCLAS and DATACLAS are incorrect. IMPACT: The report shows incorrect and potentially misleading information regarding CYL allocations, MGMTCLAS and DATACLAS when the dataset is VSAM Linear. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAKOM/DB Release 15.1 Related Problem: DB 20561 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01184-DCM151 DESC(CXX REPORT FOR VSAM DATASETS SHOWS INCORRECT INFORMATION) . ++VER (Z038) FMID (CABDF10) PRE (LU01370 LU01916 LU02338 LU02807 LU03183 LU03981 LU05861 R088863 R091632 R094095 R095761 R097893 R099997 S005708 S010748 S011244) SUP (LT07007 LT10303 LU07007 S004745 S005361 S007039 ST04745 ST05361 ST07039)

Service	Details
LU10325	LU10325 M.C.S. ENTRIES = ++PTF (LU10325) REWORK(2023171) SCRT REPORT INADVERTENTLY LISTS TWO ENTRIES FOR DATACOM/AD PROBLEM DESCRIPTION: The SCRT report lists two entries for Datacom/AD, one for MUF and the other for Base. It is intended to have a single Datacom/AD entry for Base. SYMPTOMS: The SCRT report for Datacom/AD lists the following two entries: Datacom/AD 15.01.00 MUF Datacom/AD 15.01.00 Base IMPACT: Having two entries for the same product on the SCRT report may lead to confusion and questions as to what the difference is between the two. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAACOM/DB Release 15.1 DATAACOM/AD Release 15.1 Related Problem: DB 20543 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01185-DCM151 DESC(SCRT REPORT INADVERTENTLY LISTS TWO ENTRIES FOR DATACOM/AD). ++VER (Z038) FMID (CABDF10) PRE (LU00071 LU00290 LU01266 LU03700 LU03981 LU04772 LU04999 LU07865 LU08669 LU09688 R088469 R090276 R090486 R090903 R091015 R091632 R092259 R092858 R094095 R095915 R096260 R097626 R097818 R099532 R099738 R099997 S001597 S003799 S005129 S005964 S006365 S006748 S007900 S008500 S009683 S013716 S015187) SUP (AL00071 AL04999 LT00172 LT02134 LT06026 LT10325 LU00172 LU02134 LU06026 S001230 S005492 S006676 S008697 S008775 S014115 ST01230 ST05492 ST06676 ST08697 ST08775 ST14115)

Service	Details
LU10407	LU10407 M.C.S. ENTRIES = ++PTF (LU10407) REWORK(2023159) LOOPS AND MISC ABENDS AFTER APPLYING LU10056 PROBLEM DESCRIPTION: A bad pointer in PTF LU10056 causes loops or ABENDs at various locations. SYMPTOMS: MUF abnormally terminates or loops. IMPACT: This is a very common symptom on certain machines, so most SQL queries will require cycling MUF. CIRCUMVENTION: Restore LU10056. PRODUCT(S) AFFECTED: DATAKOM SQL Release 15.1 Related Problem: SQL 20638 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01186-DCM151 DESC(LOOPS AND MISC ABENDS AFTER APPLYING LU10056) . ++VER (Z038) FMID (CAVEF10) PRE (LU00988 LU02152 LU03984 LU06911 LU09945 S001886 S005243 S005343 S006396 S007544 S008452 S009437 S010328 S010335 S011629 S012497 S013742 S015755) SUP (CL10056 LT09896 LT10056 LT10407 LU10056 R094696 S004927 S014667 ST04927 ST14667 TR94696)

Service	Details
LU10418	LU10418 M.C.S. ENTRIES = ++PTF (LU10418) REWORK(2023163) FUTURE ENHANCEMENT ENHANCEMENT DESCRIPTION: Future enhancement. PRODUCT(S) AFFECTED: DATAACOM SQL Release 15.1 Related Problem: SQL 20294 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01187-DCM151 DESC (FUTURE ENHANCEMENT) . ++VER (Z038) FMID (CAVEF10) PRE (LU00087 LU00985 LU00988 LU01216 LU02152 LU02698 LU02879 LU03281 LU03773 LU03984 LU05024 LU06017 LU06158 LU06911 LU07179 LU07823 LU08413 LU08740 LU09945 R090155 R090826 R092064 R097131 S000890 S001886 S004197 S004243 S005243 S005343 S005935 S006238 S006396 S006402 S006440 S006473 S007544 S008452 S008801 S009437 S009551 S010328 S010335 S011192 S011629 S012497 S013742 S014147 S014578 S014725 S015165 S015755 S015827 S015889 S016078) SUP (AL00988 AL06158 AR92064 AS01886 AS06174 AS13742 CL10056 EC92212 IC92212 LT01046 LT01249 LT01331 LT02371 LT02647 LT06923 LT07156 LT07285 LT09896 LT10056 LT10153 LT10407 LT10418 LU01046 LU01249 LU01331 LU02647 LU06923 LU07156 LU07285 LU10056 LU10407 R093821 R094696 R096118 R099964 S000902 S004015 S004927 S006174 S006999 S011348 S013055 S014423 S014667 S015866 ST00902 ST04015 ST04927 ST06174 ST06999 ST11348 ST13055 ST14423 ST14667 ST15866 TR90131 TR92901 TR93821 TR94696 TR96118 TR99964)

Service	Details
LU10431	LU10431 M.C.S. ENTRIES = ++PTF (LU10431) REWORK(2023180) DBUTLTY RETIX IN MUF GETS RC 51 (3) WITH BUFFER_POOL_INDEX PROBLEM DESCRIPTION: A DBUTLTY RETIX with MULTUSE=YES, i.e. executing in the Datacom/DB Multi-User Facility (MUF), fails with message: DB13001E - UNEXPECTED RETURN CODE 51 (3) INVALID UTITLTY WITH R/O USERS This will occur when the DBID specified for the RETIX resides in a private buffer pool using MUF startup option BUFFER_POOL_INDEX. SYMPTOMS: The DBUTLTY RETIX fails with the following message: DB13001E - UNEXPECTED RETURN CODE 51 (3) INVALID UTITLTY WITH R/O USERS IMPACT: With the BUFFER_POOL_INDEX option, a RETIX of the corresponding base cannot be performed successfully in MUF. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAKOM/DB Release 15.1 Related Problem: DB 20644 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01189-DCM151 DESC(DBUTLTY RETIX IN MUF GETS RC 51 (3) WITH BUFFER_POOL_INDEX) . ++VER (Z038) FMID (CABDF10) PRE (LU00071 LU00290 LU01916 LU02338 LU02807 LU03183 LU03981 LU04668 LU04745 LU04772 LU05861 LU07115 LU07828 LU08669 LU10008 R088530 R090486 R090903 R091015 R091404 R091632 R092259 R092858 R093647 R094095 R094280 R094783 R095667 R096300 R098926 R099738 R099997 S001215 S003853 S004931 S007233 S010082 S010748 S011951 S013162 S014079 S015187 S015660) SUP (AS01215 AS08152 BC90081 LT00061 LT01081 LT01374 LT02355 LT02910 LT05174 LT05261 LT05394 LT06592 LT06889 LT07058 LT07553 LT09545 LT09726 LT10431 LU00061 LU01081 LU01374 LU02910 LU05174 LU05261 LU05394 LU06592 LU06889 LU07058 LU07553 LU09545 LU09726 R093450 R096806 R098683 S003866 S004783 S006519 S008152 S008488 S009270 S009494 S010373 S012048 S014169 S016006 ST03866 ST04783 ST06519 ST08152 ST08488 ST09270 ST09340 ST09494 ST10373 ST12048 ST14169 ST16006 TR93450 TR96806 TR98485 TR98683 YC90081)

Service	Details
LU10438	LU10438 M.C.S. ENTRIES = ++PTF (LU10438) REWORK(2023165) DBUTLTY REPORT AREA=CXX FOR A PARTITIONED TABLE CAN ABEND PROBLEM DESCRIPTION: A DBUTLTY REPORT AREA=CXX,DBID=nnnnn can abend with code SOC4 if the base contains a Partitioned Table for which a PARTITION-COLUMN-VALUE has been specified as a hexadecimal value. SYMPTOMS: The DBUTLTY REPORT abends with a SOC4 in module DBUT3PR. IMPACT: A DBUTLTY REPORT AREA=CXX cannot be produced if a PARTITION-COLUMN-VALUE for a Partitioned Table was specified in hexadecimal format. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAACOM/DB Release 15.1 Related Problem: DB 20624 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01190-DCM151 DESC(DBUTLTY REPORT AREA=CXX FOR A PARTITIONED TABLE CAN ABEND). ++VER (Z038) FMID (CABDF10) PRE (LU01370 LU01916 LU02338 LU02807 LU03183 LU03981 LU05861 R088863 R091632 R094095 R095761 R097893 R099997 S005708 S010748 S011244) SUP (LT07007 LT10303 LT10438 LU07007 LU10303 S004745 S005361 S007039 ST04745 ST05361 ST07039)

Service	Details
LU10446	LU10446 M.C.S. ENTRIES = ++PTF (LU10446) REWORK(2023177) DSF ERROR NBDV ISSUED INCORRECTLY FOR SQL-DATE PROBLEM DESCRIPTION: When attempting to assign a default value for a SQL-DATE, DSF incorrectly issues NBDV error. SYMPTOMS: DSF NBDV error message. IMPACT: A default value for dates cannot be assigned in many cases. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAACOM DATADITIONARY Release 15.1 DATAACOM/AD Release 15.1 Related Problem: DD 20646 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01191-DCM151 DESC(DSF ERROR NBDV ISSUED INCORRECTLY FOR SQL-DATE). ++VER (Z038) FMID (CAADF10) PRE (LU03979 S009919) SUP (AC01847 LT01022 LT01428 LT01834 LT02078 LT10446 LU01022 LU01428 LU01834 LU02078 S010466 ST10466)

Service	Details
LU10469	LU10469 M.C.S. ENTRIES = ++PTF (LU10469) REWORK(2023181) RC(89) OR SQLCODE -10 OUT OF MEMORY WITH DYNAMIC CRS DEL/UPD PROBLEM DESCRIPTION: The memory for a dynamically executed DELETE or UPDATE WHERE CURRENT OF crsName does not free its memory. SYMPTOMS: RC(89) or SQLCODE -10 OUT OF MEMORY. IMPACT: MUF must be restarted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAACOM SQL Release 15.1 Related Problem: SQL 20674 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01192-DCM151 DESC(RC(89) OR SQLCODE -10 OUT OF MEMORY WITH DYNAMIC CRS DEL/UPD) . ++VER (Z038) FMID (CAVEF10) PRE (LU02698 LU02879 LU03281 LU03984 LU05024 LU06017 LU06158 LU10418 R092064 S004197 S004243 S009551 S011192 S011629 S014578 S015827) SUP (AL06158 LT01331 LT02647 LT06923 LT07285 LT10469 LU01331 LU02647 LU06923 LU07285 R093821 TR93821)

Service	Details	
LU10493	LU10493	M.C.S. ENTRIES = ++PTF (LU10493) REWORK(2023170)
	RESTORE LU10407 THAT LU10418 REGRESSED	
	PROBLEM DESCRIPTION:	
	LU10418 regressed the fix in LU10407.	
	SYMPTOMS:	
	Same symptoms that LU10407 fixed with loops or abends in various places.	
	IMPACT:	
	This is a high impact since many queries have an ON clause.	
	CIRCUMVENTION:	
	None.	
	PRODUCT(S) AFFECTED:	
	DATAACOM SQL	
	Release 15.1	
	Related Problem:	
	SQL 20718	
	(C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved	
	R01194-DCM151	
	DESC(RESTORE LU10407 THAT LU10418 REGRESSED).	
	++VER (Z038)	
	FMID (CAVEF10)	
	PRE (LU00988 LU02152 LU03984 LU06911 LU09945 LU10418 S001886	
	S005243 S005343 S006396 S007544 S008452 S009437 S010328	
	S010335 S011629 S012497 S013742 S015755)	
	SUP (AL10418 CL10056 LT09896 LT10056 LT10407 LT10493 LU10056	
	LU10407 R094696 S004927 S014667 ST04927 ST14667 TR94696)	
	MCS	LU09826
MCS	LU09888	STARTS ON PAGE 0003
MCS	LU09907	STARTS ON PAGE 0004
MCS	LU10163	STARTS ON PAGE 0005
MCS	LU10270	STARTS ON PAGE 0006
MCS	LU10303	STARTS ON PAGE 0007
MCS	LU10325	STARTS ON PAGE 0008
MCS	LU10407	STARTS ON PAGE 0009
MCS	LU10418	STARTS ON PAGE 0010
MCS	LU10431	STARTS ON PAGE 0011
MCS	LU10438	STARTS ON PAGE 0013
MCS	LU10446	STARTS ON PAGE 0014
MCS	LU10469	STARTS ON PAGE 0015
MCS	LU10493	STARTS ON PAGE 0016

Datacom DB Core 15.1
CA RS 2307 Product/Component Listing

19

Product Family	Product	Release
Database Management	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 2307 Product/Component Count for this release is 7		

CA RS Level	Service	FMID
CAR2307	LU10493	CAVEF10
	LU10469	CAVEF10
	LU10446	CAADF10
	LU10438	CABDF10
	LU10431	CABDF10
	LU10418	CAVEF10
	LU10407	CAVEF10
	LU10325	CABDF10
	LU10303	CABDF10
	LU10270	CABDF10
	LU10163	CABDF10
	LU09907	CABDF10
	LU09888	CABDF10
	LU09826	CABDF10
CAR2306	LU10206	CABDF10
	LU10193	CAADF10
	LU10121	CABDF10
	LU10106	CAVEF10
	LU10078	CAVEF10
	LU10056	CAVEF10
	LU10013	CABDF10
	LU10008	CABDF10
	LU09945	CAVEF10
	LU09872	CABDF10
	LU09720	CAVEF10
	LU09688	CABDF10
	LU09211	CAVEF10
CAR2305	LU09908	CABDF10
	LU09755	CABDF10
	LU09726	CABDF10
	LU09723	CAVEF10
	LU09598	CABDF10
	LU09582	CABDF10
	LU09487	CABDF10
	LU09204	CAVEF10
	LU08617	CAVEF10
	LU07758	CABDF10
CAR2304	LU09545	CABDF10
	LU09544	CABDF10
	LU09054	CAVEF10
	LU08970	CABDF10
	LU08882	CAVEF10
	LU08854	CABDF10
	LU08667	CABDF10
CAR2303	LU09005	CABDF10
	LU08945	CAVEF10
	LU08897	CABDF10

CA RS Level	Service	FMID
	LU08798	CAVEF10
	LU08740	CAVEF10
	LU08723	CABDF10
	LU08589	CABDF10
CAR2302	LU08821	CAADF10
	LU08781	CAVEF10
	LU08669	CABDF10
	LU08300	CAVEF10
	LU08004	CAVEF10
	LU07880	CABDF10
CAR2301	LU08605	CABDF10
	LU08468	CABDF10
	LU08413	CAVEF10
	LU08394	CABDF10
	LU08379	CABDF10
	LU08365	CABDF10
	LU08354	CABDF10
	LU07733	CAVEF10
	LU07309	CABDF10
CAR2212	LU08219	CABDF10
	LU07941	CABDF10
	LU07896	CABDF10
	LU07865	CABDF10
	LU07828	CABDF10
	LU07757	CABDF10
	LU06941	CABDF10
CAR2211	LU07823	CAVEF10
	LU07812	CAVEF10
	LU07738	CABDF10
	LU07736	CAVEF10
	LU07677	CABDF10
	LU07676	CAADF10
	LU07566	CAVEF10
	LU07557	CABDF10
	LU07503	CABDF10
	LU07502	CAVEF10
	LU07399	CABDF10
	LU07380	CAVEF10
	LU07312	CABDF10
	LU07230	CAVEF10
	LU07182	CABDF10
	LU07115	CABDF10
	LU07060	CAVEF10
	LU06286	CABDF10
CAR2210	LU07553	CABDF10
	LU07364	CABDF10
	LU07339	CABDF10

CA RS Level	Service	FMID
	LU07336	CABDF10
	LU07285	CAVEF10
	LU07179	CAVEF10
	LU07172	CABDF10
	LU07156	CAVEF10
	LU07007	CABDF10
	LU06911	CAVEF10
	LU05939	CABDF10
CAR2209	LU07058	CABDF10
	LU06923	CAVEF10
	LU06896	CABDF10
	LU06892	CABDF10
	LU06889	CABDF10
	LU06820	CABDF10
	LU06772	CAVEF10
	LU06730	CABDF10
	LU06592	CABDF10
	LU06500	CABDF10
	LU06243	CABDF10
	LU06158	CAVEF10
CAR2208	LU06466	CAADF10
	LU06437	CABDF10
	LU06411	CABDF10
	LU06329	CAVEF10
	LU06295	CABDF10
	LU05938	CABDF10
	LU05861	CABDF10
	LU05844	CABDF10
CAR2207	LU06182	CABDF10
	LU06105	CABDF10
	LU06017	CAVEF10
	LU05950	CAVEF10
	LU05859	CABDF10
	LU05782	CABDF10
	LU05727	CAADF10
CAR2206	LU06026	CABDF10
	LU05899	CABDF10
	LU05809	CABDF10
	LU05789	CAADF10
	LU05712	CABDF10
	LU05611	CABDF10
	LU05569	CABDF10
	LU05412	CAVEF10
	LU05394	CABDF10
	LU05391	CAVEF10
	LU05343	CAVEF10
	LU04999	CABDF10

CA RS Level	Service	FMID
CAR2205	LU05487	CAADF10
	LU05469	CAADF10
	LU05374	CAADF10
	LU05261	CABDF10
	LU05231	CAVEF10
	LU05172	CABDF11
	LU05105	CABDF10
	LU05049	CAADF10
	LU04745	CABDF10
	LU05180	CABDF10
	LU05174	CABDF10
CAR2204	LU05134	CABDF10
	LU05024	CAVEF10
	LU04994	CABDF10
	LU04979	CABDF10
	LU04920	CADQF10
	LU04872	CABDF10
	LU04772	CABDF10
	LU04558	CABDF10
	LU04537	CADQF10
	LU04449	CAVEF10
	LU01844	CABDF10
	LU04672	CABDF10
	LU04668	CABDF10
	LU04590	CAVEF10
CAR2203	LU04574	CAADF10
	LU04569	CABDF10
	LU04513	CAVEF10
	LU04510	CABDF10
	LU04456	CAVEF10
	LU04345	CABDF10
	LU03773	CAVEF10
	LU04183	CAADF10
	LU04166	CABDF10
	LU03914	CAVEF10
	LU03833	CAADF10
CAR2202	LU03776	CABDF10
	LU03534	CADQF10
	LU03028	CABDF10
	LU02919	CABDF10
	LU03985	CAZNF10
	LU03984	CAVEF10
	LU03983	CADQF10
	LU03982	CABDF11
CAR2201	LU03981	CABDF10
	LU03980	CAADF15
	LU03979	CAADF10

CA RS Level	Service	FMID
	LU03888	CAADF10
	LU03836	CABDF10
	LU03816	CAADF10
	LU03700	CABDF10
	LU03458	CABDF10
	LU03423	CABDF10
	LU03281	CAVEF10
	LU03203	CABDF10
	LU03183	CABDF10
	LU01391	CAVEF10
	LU01082	CAVEF10
CAR2112	LU03525	CABDF10
	LU03383	CAADF10
	LU03351	CABDF11
	LU03297	CABDF10
	LU03295	CAADF10
	LU03154	CABDF10
	LU02878	CAVEF10
	LU02404	CAVEF10
	LU02152	CAVEF10
CAR2111	LU03070	CABDF10
	LU02970	CABDF10
	LU02943	CABDF10
	LU02910	CABDF10
	LU02898	CAVEF10
	LU02879	CAVEF10
	LU02864	CABDF10
	LU02645	CAVEF10
CAR2110	LU02807	CABDF10
	LU02698	CAVEF10
	LU02647	CAVEF10
	LU02640	CAVEF10
	LU02623	CABDF10
	LU02610	CAADF10
	LU02536	CABDF10
	LU02338	CABDF10
	LU02239	CAVEF10
CAR2109	LU02542	CABDF10
	LU02435	CABDF10
	LU02418	CABDF10
	LU02318	CAADF10
	LU02248	CABDF10
	LU02040	CABDF10
	LU01216	CAVEF10
CAR2108	LU02221	CABDF10
	LU02170	CABDF10
	LU02134	CABDF10

CA RS Level	Service	FMID
	LU02107	CABDF10
	LU02078	CAADF10
	LU02022	CABDF10
	LU01970	CABDF10
	LU01940	CABDF10
	LU01916	CABDF10
	LU01915	CABDF10
	LU01863	CABDF10
	LU01677	CABDF10
	LU01651	CABDF10
	LU01365	CABDF10
	LU01331	CAVEF10
	LU01153	CAVEF10
CAR2107	LU01925	CABDF10
	LU01834	CAADF10
	LU01689	CABDF10
	LU01636	CABDF10
	LU01591	CABDF10
	LU01545	CABDF10
	LU01483	CAVEF10
	LU01452	CABDF10
	LU01400	CABDF10
	LU01266	CABDF10
	LU01081	CABDF10
	LU01079	CABDF10
CAR2106	SO15813	CAVEF10
	SO14577	CAZNF10
	LU01484	CAVEF10
	LU01428	CAADF10
	LU01374	CABDF10
	LU01370	CABDF10
	LU01312	CABDF10
	LU01302	CABDF10
	LU01280	CABDF10
	LU01259	CAADF10
	LU01249	CAVEF10
	LU01224	CABDF10
	LU01150	CABDF10
	LU01149	CAVEF10
	LU01046	CAVEF10
	LU00988	CAVEF10
	LU00961	CABDF10
CAR2105	SO15660	CABDF10
	LU01022	CAADF10
	LU00985	CAVEF10
	LU00984	CABDF10
	LU00981	CAVEF10

CA RS Level	Service	FMID
	LU00692	CABDF10
	LU00602	CAVEF10
	LU00472	CAADF10
	LU00425	CAVEF10
	LU00354	CAVEF10
	LU00105	CAVEF10
	LU00065	CAVEF10
CAR2104	LU00589	CABDF10
	LU00290	CABDF10
CAR2103	SO16049	CABDF10
	LU00374	CABDF10
	LU00309	CABDF10
	LU00265	CABDF10
	LU00189	CABDF10
	LU00174	CABDF10
	LU00172	CABDF10
	LU00161	CABDF10
	LU00128	CABDF10
	LU00112	CABDF10
	LU00087	CAVEF10
	LU00056	CAVEF10
	LU00047	CABDF10
CAR2102	SO16096	CABDF10
	SO16086	CABDF10
	SO16084	CAADF10
	SO16078	CAVEF10
	SO16052	CABDF10
	SO16004	CABDF10
	SO15871	CABDF10
	LU00071	CABDF10
	LU00061	CABDF10
	LU00053	CABDF10
CAR2101	SO16036	CABDF10
	SO16006	CABDF10
	SO15947	CABDF10
	SO15912	CABDF10
	SO15889	CAVEF10
	SO15866	CAVEF10
	SO15862	CABDF10
	SO15827	CAVEF10
	SO15755	CAVEF10
	SO15728	CAVEF10
	SO15724	CAADF10
	SO15552	CABDF10
	SO15243	CABDF10
	SO15187	CABDF10
	SO15152	CABDF10

CA RS Level	Service	FMID
CAR2012	S015651	CAADF10
	S015527	CAVEF10
	S015521	CABDF10
	S015490	CAADF10
	S015425	CAVEF10
	S015342	CAVEF10
	S015292	CABDF10
	S014980	CABDF10
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

CA RS Level	Service	FMID
	S014105	CAVEF10
	S014079	CABDF10
	S013992	CAVEF10
	S013892	CAVEF10
	S011882	CABDF10
CAR2008	S014115	CABDF10
	S014070	CABDF10
	S014068	CAVEF10
	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

CA RS Level	Service	FMID
	S012809	CABDF10
	S012776	CABDF10
	S012771	CABDF10
	S012636	CABDF10
	S012632	CABDF10
	S012601	CAVEF10
	S012557	CAVEF10
	S012504	CAVEF10
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	S008913	CAADF10
	S008889	CAVEF10
	S008801	CAVEF10
	S008749	CABDF10
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	S004969	CAVEF10
	S004927	CAVEF10
	S004889	CAVEF10
	S004849	CAVEF10
	S004783	CABDF10
	S004745	CABDF10
	S004559	CABDF10
	S004538	CABDF10
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	R097375	CABDF11
	R096916	CABDF11
CAR1712	R099168	CAVEF10
	R099051	CAVEF10
	R099046	CADQF10
	R099007	CAVEF10
	R098973	CABDF10
	R098926	CABDF10
	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

CA RS Level	Service	FMID
	R097526	CABDF10
	R097493	CAADF10
	R097490	CABDF10
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	R093587	CABDF10
	R093585	CABDF10
	R093148	CABDF11
CAR1701	R093666	CAVEF10
	R093560	CAVEF10
	R093454	CABDF10
	R093450	CABDF10
	R093436	CABDF10
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	R088479	CAVEF10
	R088475	CAVEF10
	R088469	CABDF10