

Datacom/DB 15.1
CA RS 2201 Service List

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Service	Description	Type
LU01082	SOC4 ABEND IN DBSRPPR MODULE EXPRUTL +005870	PTF
LU01391	CALL PROCEDURE FROM SERVER NOT WORKING	PTF
LU03183	CORRECTIONS TO THE VSAM LINEAR DATASET FOR INDEX ENHANCEMENT	PTF
LU03203	INCORRECT ROW COUNT AND ERROR HANDLING WITH BLOCKED MASSADD	PTF
LU03281	AUTOMATIC REBIND AND RESTART AFTER HASH MEMLIMIT IN SC	** PRP **
LU03423	LOOP OR ABEND SOC4 AFTER BUFFER_POOL_NEW_SIZE/RESIZE COMMAND	PTF
LU03458	ENHANCEMENT: DELIVERS CODE AS BASIS FOR FUTURE ENHANCEMENTS	PTF
LU03700	ENHANCEMENT: VALIDATION SITE TESTING OF A NEW PFS1M OPTION	PTF
LU03816	DDBTGLM HANDLES LENGTH/PRECISION INCORRECTLY FOR VARGRAPHIC	PTF
LU03836	DBUTLTY DEFRAG DOES NOT COMBINE BLOCKS WITH FORMAT 2 INDEX	PTF
LU03888	NPID ERROR INCORRECTLY ISSUED.	PTF
LU03979	PRODUCT PTF ANALYSIS SUPPORT	PTF
LU03980	PRODUCT PTF ANALYSIS SUPPORT	PTF
LU03981	PRODUCT PTF ANALYSIS SUPPORT	PTF
LU03982	PRODUCT PTF ANALYSIS SUPPORT	PTF
LU03983	PRODUCT PTF ANALYSIS SUPPORT	PTF
LU03984	PRODUCT PTF ANALYSIS SUPPORT	PTF
LU03985	PRODUCT PTF ANALYSIS SUPPORT	PTF
The CA RS 2201 service count for this release is 18		

Datacom/DB
CA RS 2201 Service List for CAADF10

FMID	Service	Description	Type
CAADF10	LU03816	DDBTGLM HANDLES LENGTH/PRECISION INCORRECTLY FOR VARGRAPHIC	PTF
	LU03888	NPID ERROR INCORRECTLY ISSUED.	PTF
	LU03979	PRODUCT PTF ANALYSIS SUPPORT	PTF
The CA RS 2201 service count for this FMID is 3			

Datacom/DB
CA RS 2201 Service List for CAADF15

FMID	Service	Description	Type
CAADF15	LU03980	PRODUCT PTF ANALYSIS SUPPORT	PTF
The CA RS 2201 service count for this FMID is 1			

Datacom/DB
CA RS 2201 Service List for CABDF10

FMID	Service	Description	Type
CABDF10	LU03183	CORRECTIONS TO THE VSAM LINEAR DATASET FOR INDEX ENHANCEMENT	PTF
	LU03203	INCORRECT ROW COUNT AND ERROR HANDLING WITH BLOCKED MASSADD	PTF
	LU03423	LOOP OR ABEND SOC4 AFTER BUFFER_POOL_NEW_SIZE/RESIZE COMMAND	PTF
	LU03458	ENHANCEMENT: DELIVERS CODE AS BASIS FOR FUTURE ENHANCEMENTS	PTF
	LU03700	ENHANCEMENT: VALIDATION SITE TESTING OF A NEW PFS1M OPTION	PTF
	LU03836	DBUTLTY DEFRAG DOES NOT COMBINE BLOCKS WITH FORMAT 2 INDEX	PTF
	LU03981	PRODUCT PTF ANALYSIS SUPPORT	PTF
The CA RS 2201 service count for this FMID is 7			

Datacom/DB
CA RS 2201 Service List for CABDF11

FMID	Service	Description	Type
CABDF11	LU03982	PRODUCT PTF ANALYSIS SUPPORT	PTF
The CA RS 2201 service count for this FMID is 1			

Datacom/DB
CA RS 2201 Service List for CADQF10

FMID	Service	Description	Type
CADQF10	LU03983	PRODUCT PTF ANALYSIS SUPPORT	PTF
The CA RS 2201 service count for this FMID is 1			

Datacom/DB
CA RS 2201 Service List for CAVEF10

FMID	Service	Description	Type
CAVEF10	LU01082	SOC4 ABEND IN DBSRPPR MODULE EXPRUTL +005870	PTF
	LU01391	CALL PROCEDURE FROM SERVER NOT WORKING	PTF
	LU03281	AUTOMATIC REBIND AND RESTART AFTER HASH MEMLIMIT IN SC	** PRP **
	LU03984	PRODUCT PTF ANALYSIS SUPPORT	PTF
The CA RS 2201 service count for this FMID is 4			

Datacom/DB
CA RS 2201 Service List for CAZNF10

FMID	Service	Description	Type
CAZNF10	LU03985	PRODUCT PTF ANALYSIS SUPPORT	PTF
The CA RS 2201 service count for this FMID is 1			

Datacom/DB 15.1
CA RS 2201 - PTF LU01082 Details

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Service	Details
LU01082	LU01082 M.C.S. ENTRIES = ++PTF (LU01082) SOC4 ABEND IN DBSRPPR MODULE EXPRUTL +005870 PROBLEM DESCRIPTION: The Multi-User Facility (MUF) abnormally terminates when using a Scalar Table Expression (STE) in the SELECT list. SYMPTOMS: MUF abends in DBSRPPR module EXPRUTL+005870. IMPACT: MUF must be restarted. CIRCUMVENTION: NONE. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 13536 Copyright (C) 2021 CA. All rights reserved. R00879-DCM151-SP3 DESC(SOC4 ABEND IN DBSRPPR MODULE EXPRUTL +005870). ++VER (Z038) FMID (CAVEF10) PRE (LU00065 LU00985 R090826 S001886 S005343 S005935 S006396 S007544 S010328 S010335 S011629 S012497 S013742) SUP (LT01082 R091930 TR91930)

Service	Details						
LU01391	LU01391 M.C.S. ENTRIES = ++PTF (LU01391) The following items are included in this solution: 1. CALL PROCEDURE FROM SERVER NOT WORKING 2. CREATE PROCEDURE FAILS WITH -530 FROM SERVER ===== CALL PROCEDURE FROM SERVER NOT WORKING PROBLEM DESCRIPTION: Parameter values were not processed correctly with CALL/EXECUTE PROCEDURE using ODBC from CA Datacom Server. SYMPTOMS: Parmaters are not passed correctly. IMPACT: The SQL Procedure cannot execute correctly. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: <table> <tr> <td>CA Datacom SQL</td><td>Release 15.1</td></tr> <tr> <td>CA Datacom Server</td><td>Release 15.0</td></tr> </table> Related Problem: SQL 13456 ===== CREATE PROCEDURE FAILS WITH -530 FROM SERVER PROBLEM DESCRIPTION: When trying to use CREATE PROCEDURE in DATACOM SERVER after a CALL PROCEDURE and DROP PROCEDURE, the query fails with a -530 error. SYMPTOMS: Query fails with -530 error, and unable to recreate procedure with the same name. IMPACT: Unable to recreate procedure with the same name. CIRCUMVENTION: Rename PROCEDURE. PRODUCT(S) AFFECTED: <table> <tr> <td>CA Datacom SQL</td><td>Release 15.1</td></tr> </table> Related Problem: SQL 14291 Copyright (C) 2021 CA. All rights reserved. R00896-DCM151-SP3 DESC(CALL PROCEDURE FROM SERVER NOT WORKING). ++VER (Z038) FMID (CAVEF10) PRE (S006238 S014725) SUP (LT01391 R091226 R092173 S014271 ST14271 TR91226 TR92173)	CA Datacom SQL	Release 15.1	CA Datacom Server	Release 15.0	CA Datacom SQL	Release 15.1
CA Datacom SQL	Release 15.1						
CA Datacom Server	Release 15.0						
CA Datacom SQL	Release 15.1						

Service	Details
LU03183	LU03183 M.C.S. ENTRIES = ++PTF (LU03183) CORRECTIONS TO THE VSAM LINEAR DATASET FOR INDEX ENHANCEMENT PROBLEM DESCRIPTION: This solution supplies corrections to the enhancement support of VSAM Linear Datasets for the Index as furnished by PTF LU02807. The following areas are being addressed: 1) Potential reporting errors with INIT of a Multiple Dataset Index (MDI) using IXXAREA=***. 2) Incorrect MDI information with REPORT AREA=CXX when not using 'TYPE=' or using 'TYPE=B'. Also report a scratched VSAM dataset similar to a scratched EXCP dataset. 3) Under rare conditions, the MUF command 'VTOC_DATE_DAILY' can receive an error message, when no actual error exists. 4) Add support for using DBUTLTY function INIT with AREA=IXX and rarely used 'OPTION1=REINIT,VERIFY=YES', including printing the correct Dataset name(s) (DSN) in case of a Multiple Dataset Index (MDI). 5) Correct message DB02827 AREA_EXTENT_TRACKING for VSAM 6) Correct 'DEVICE TYPE' in the output of an MDI INIT SYMPTOMS: Various symptoms occur related to the above problem description details. IMPACT: There is a minor impact to the usability of VSAM Linear Datasets for the Index. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 15006 Copyright (C) 2021 CA. All rights reserved. R00957-DCM151-SP3 DESC(CORRECTIONS TO THE VSAM LINEAR DATASET FOR INDEX ENHANCEMENT). ++VER (Z038) FMID (CABDF10) PRE (LU00071 LU00290 LU01370 LU01916 LU02338 LU02807 LU03458 LU03700 LU03981 R088469 R088530 R088863 R090486 R090903 R091015 R091404 R091632 R092259 R092858 R093647 R094095 R094280 R094783 R095548 R095667 R095761 R096053 R096260 R096852 R097082 R097757 R097818 R097893 R098059 R098348 R098683 R099171 R099738 R099997 S001215 S001597 S003825 S004095 S004298 S004565 S004931 S005708 S006133 S006365 S006692 S007233 S007496 S007835 S008622 S010082 S010109 S010697 S010748 S011244 S011247 S011479 S011951 S011975 S013162 S013398 S013716 S013882 S014507 S014998 S015187 S015871) SUP (AS01215 AS06692 AS08152 BC90081 LT00061 LT01374 LT01677 LT02355 LT02910 LT03183 LU00061 LU01374 LU01677 LU02910 OC90081 R090535 R091630 R093450 R096204 R096806 R098085 R098926 S001439 S003866 S004745 S004783 S005361 S005617 S005962 S006519 S006715 S007039 S007113 S007202 S008152 S008488 S009270 S010373 S010617 S010624 S012809 S014079

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CA RS 2201 - PTF LU03183 Details

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Service	Details					
	S014169	S014951	S016006	ST01439	ST03866	ST04618
	ST04745	ST04783	ST05361	ST05617	ST05961	ST05962
	ST06150	ST06516	ST06519	ST06715	ST07039	ST07113
	ST07202	ST08152	ST08488	ST09270	ST10373	ST10617
	ST10624	ST12809	ST14079	ST14169	ST14951	ST16006
	TR90535	TR91630	TR93450	TR96204	TR96806	TR98085
	TR98926	YC90081	)			

Service	Details
LU03203	LU03203 M.C.S. ENTRIES = ++PTF (LU03203) INCORRECT ROW COUNT AND ERROR HANDLING WITH BLOCKED MASSADD PROBLEM DESCRIPTION: During blocked MASSADD, the internal row count is handled incorrectly. As a result, the wrong row is shown in the ensuing SNAPER dump in case of a duplicate key when duplicates are not allowed. Similarly, when a row with invalid data is found, the following error message is issued: DB13291E - RETURN CODE 94 (048) INVALID DATA PROVIDED FOR DATA TYPE - OFFSET xx LENGTH yyyy but the related SNAPER dump shows a row different from the row with the invalid data. In addition, when the MASSADD is executed with parameter STARTAFT, the rows specified by STARTAFT are not skipped and the MASSADD reports an incorrect number of rows that were added. SYMPTOMS: MASSADD error handling displays the wrong rows in the SNAPER dump and with STARTAFT rows are not skipped when they should. Incorrect row counts are reported. IMPACT: Incorrect and misleading error information is displayed. A MASSADD with STARTAFT does not run successfully. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 15085 Copyright (C) 2021 CA. All rights reserved. R00958-DCM151-SP3 DESC(INCORRECT ROW COUNT AND ERROR HANDLING WITH BLOCKED MASSADD) . ++VER (Z038) FMID (CABDF10) PRE (LU02536 R089666 R090486 R091648 S004095) SUP (AL02536 LT02943 LT03203 LU02943 R091180 R092277 S005239 ST05239 TR91180 TR92277)

Service	Details
LU03281	LU03281 M.C.S. ENTRIES = ++PTF (LU03281) The following items are included in this solution: 1. AUTOMATIC REBIND AND RESTART AFTER HASH MEMLIMIT IN SC 2. SOC4 DBSRPPR CSECT STRSERV +003062 AFTER LU02878 3. -20 IN CREATE TABLE WITH VARGRAPHIC COLUMNS AFTER LU01046 4. FIX POSSIBLE SOURCE CACHE INITIALIZATION ERROR ===== AUTOMATIC REBIND AND RESTART AFTER HASH MEMLIMIT IN SC ENHANCEMENT DESCRIPTION: This enhancement adds the automatic rebind without using hash tables, and query restart when a hash MEMLIMIT is reached. This is a partial enhancement only for queries in the Source Cache. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 14491 ===== SOC4 DBSRPPR CSECT STRSERV +003062 AFTER LU02878 PROBLEM DESCRIPTION: Queries with an IN list predicate that reference the first column of an index and are passed to CBS can cause a MUF abend. SYMPTOMS: SOC4 abend at DBSRPPR CSECT STRSERV +003062. IMPACT: MUF must be restarted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATA COM SQL Release 15.1 Related Problem: SQL 15455 ===== -20 IN CREATE TABLE WITH VARGRAPHIC COLUMNS AFTER LU01046 PROBLEM DESCRIPTION: After LU01046, CREATE TABLE fails with a syntax error when there is a VARGRAPHIC column. SYMPTOMS: CREATE TABLE fails with a -20 error. IMPACT: Table fails to be created. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 13943 ===== FIX POSSIBLE SOURCE CACHE INITIALIZATION ERROR PROBLEM DESCRIPTION: The lock to prevent concurrent use of the Source Cache during initialization was released too soon. There have been no reported problems from this. SYMPTOMS:

Service	Details
	No problems have been reported, but they would be unpredictable Source Cache problems. IMPACT: The impact is unknown since no problems have occurred. CIRCUMVENTION: Turn off the Source Cache. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 14577 Copyright (C) 2021 CA. All rights reserved. R00959-DCM151-SP3 DESC(AUTOMATIC REBIND AND RESTART AFTER HASH MEMLIMIT IN SC). ++VER (Z038) FMID (CAVEF10) PRE (LU00087 LU00985 LU00988 LU01149 LU01216 LU02152 LU02239 LU02698 LU02878 LU02879 LU02898 R090216 R090826 R090854 R092064 R093613 R097131 S000890 S001886 S004034 S004197 S004243 S004867 S005190 S005243 S005343 S005935 S006238 S006402 S007544 S008017 S008336 S008452 S008801 S009551 S010328 S010335 S011192 S011326 S011629 S012497 S012861 S013173 S013526 S013742 S014105 S014297 S014578 S014825 S015755 S015827 S015889 S016078) SUP (AL00988 AR90216 AR90826 AR92064 AS01886 AS05190 AS06174 AS13742 AS14825 BL02878 BR90826 CR90826 DC92212 DS11629 EC92212 ES11629 HC92212 LT00055 LT00056 LT00059 LT00425 LT00602 LT01046 LT01153 LT01249 LT01331 LT02371 LT02501 LT02647 LT03281 LU00056 LU00425 LU00602 LU01046 LU01153 LU01249 LU01331 LU02647 R088550 R089520 R089521 R090155 R092282 R092864 R093821 R095609 R095978 R096118 R097225 R098521 R099168 R099964 R099972 S000902 S001350 S001512 S004015 S004152 S004889 S004969 S005352 S005417 S006174 S006750 S006846 S006999 S007468 S011348 S014369 S014423 S015224 S015527 S015866 ST00902 ST01350 ST01512 ST04015 ST04152 ST04889 ST04969 ST05352 ST05417 ST06174 ST06750 ST06846 ST06999 ST07468 ST08489 ST10151 ST10304 ST11348 ST14369 ST14423 ST15224 ST15527 ST15866 TR88208 TR88392 TR88550 TR89520 TR89521 TR90131 TR90155 TR90605 TR92282 TR92864 TR92901 TR93821 TR95609 TR95978 TR96118 TR97225 TR98438 TR98521 TR99168 TR99964 TR99972)

Service	Details
LU03423	LU03423 M.C.S. ENTRIES = ++PTF (LU03423) LOOP OR ABEND SOC4 AFTER BUFFER_POOL_NEW_SIZE/RESIZE COMMAND PROBLEM DESCRIPTION: After issuing a BUFFER_POOL_NEW_SIZE or BUFFER_POOL_RESIZE command, the DATACOM/DB Multi-User Facility (MUF) can encounter random errors, including a MUF loop and an abend SOC4. These errors are based on a timing issue and are therefore sporadic and unpredictable. This solution will cause these commands to be ignored. MUF will accept them, but will not take any action. This is done to circumvent the problem until a true correcting solution is available. SYMPTOMS: 1. The MUF CPU time is much higher than normal and the MUF may be unresponsive to application requests, i.e. it may appear to hang due to being in a loop. 2. The MUF abends with a SOC4. 3. Other unpredictable errors are possible. IMPACT: There is an outage of the MUF. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 15184 Copyright (C) 2021 CA. All rights reserved. R00964-DCM151-SP3 DESC(LOOP OR ABEND SOC4 AFTER BUFFER_POOL_NEW_SIZE/RESIZE COMMAND) . ++VER (Z038) FMID (CABDF10) PRE (LU00290 LU01370 LU01452 LU01863 LU02807 R088469 R090075 R090276 R090486 R090903 R091015 R091632 R092259 R092858 R093251 R093647 R094001 R094095 R095667 R096447 R096769 R097382 R097818 R099532 R099738 S000007 S001184 S001597 S003799 S006365 S006748 S007519 S007835 S009683 S011951 S012203 S013716 S014067 S014507 S015187) SUP (LT03423 S003770 S005206 S007530 S013463 ST03768 ST03770 ST05206 ST07530 ST13463)

Datacom/DB 15.1
CA RS 2201 - PTF LU03458 Details

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Service	Details
LU03458	LU03458 M.C.S. ENTRIES = ++PTF (LU03458) ENHANCEMENT: DELIVERS CODE AS BASIS FOR FUTURE ENHANCEMENTS ENHANCEMENT DESCRIPTION: This product enhancement delivers updated code which will form the basis for future code changes. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 15170 Copyright (C) 2021 CA. All rights reserved. R00965-DCM151-SP3 DESC (ENHANCEMENT: DELIVERS CODE AS BASIS FOR FUTURE ENHANCEMENTS). ++VER (Z038) FMID (CABDF10) PRE (LU00174 R088530 R090075 R090276 R090486 R091015 R091404 R091632 R092259 R092858 R093251 R094001 R095548 R095667 R097082 R097626 R097818 R099532 R099902 S000436 S001597 S003799 S004931 S006365 S006692 S007900 S008120 S009683 S014507 S015871) SUP (LT01545 LT02418 LT03458 LU01545 LU02418 R095305 S000035 S000657 S005278 S010571 S015186 ST00035 ST00657 ST05278 ST10571 ST15186 TR95305)

Datacom/DB 15.1
CA RS 2201 - PTF LU03700 Details

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Service	Details
LU03700	LU03700 M.C.S. ENTRIES = ++PTF (LU03700) ENHANCEMENT: VALIDATION SITE TESTING OF A NEW PFS1M OPTION ENHANCEMENT DESCRIPTION: This product enhancement delivers code which provides early validation support for a new Large Frame Area option for alternate DXX buffer pools. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 15265 Copyright (C) 2021 CA. All rights reserved. R00969-DCM151-SP3 DESC(ENHANCEMENT: VALIDATION SITE TESTING OF A NEW PFS1M OPTION). ++VER (Z038) FMID (CABDF10) PRE (LU00071 LU00189 LU00290 LU01266 LU01370 LU01916 LU01940 LU02338 LU02807 R088469 R088863 R090276 R090486 R090903 R091015 R091404 R091632 R092259 R092858 R093251 R093647 R094001 R094095 R095667 R095915 R096260 R096499 R097082 R097626 R097818 R099171 R099532 R099675 R099738 R099997 S000074 S001215 S001597 S003799 S003941 S004298 S005129 S005882 S005964 S006133 S006365 S006692 S006748 S007233 S007900 S008500 S008622 S009474 S009683 S010748 S011247 S011678 S011975 S012203 S012932 S013156 S013716 S013882 S014507 S015187 S015871) SUP (AL00071 AL00290 EC90081 LT00172 LT01302 LT02134 LT02542 LT02623 LT03297 LT03585 LT03700 LU00172 LU01302 LU02134 LU02542 LU02623 LU03297 R095277 R095833 R096568 R097343 R097677 R097723 R099067 S001230 S005131 S005492 S006676 S008697 S008749 S008775 S011435 S011501 S014070 S014115 S015912 S016049 ST01230 ST05131 ST05492 ST06676 ST08697 ST08749 ST08775 ST11435 ST11501 ST14070 ST14115 ST15912 ST16049 TR95277 TR95833 TR96568 TR97343 TR97677 TR97723 TR99067 VC90081)

Service	Details				
LU03816	LU03816 M.C.S. ENTRIES = ++PTF (LU03816) DDBTGLM HANDLES LENGTH/PRECISION INCORRECTLY FOR VARGRAPHIC PROBLEM DESCRIPTION: The batch transport generator (BTG) miscalculates the LENGTH of vargraphic fields on 4012 cards. SYMPTOMS: LENGTH for VARGRAPHIC datatype output on the 4012 card is miscalculated by 2 bytes. IMPACT: This could cause future fields generated by the BTG output to continuously grow by 2 bytes in length. CIRCUMVENTION: Manual subtraction of 2 bytes from LENGTH on BTGOUT 4012 card for the VARGRAPHIC datatype fields. PRODUCT(S) AFFECTED: <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> Related Problem: DD 2207 Copyright (C) 2021 CA. All rights reserved. R00973-DCM151-SP3 DESC(DDBTGLM HANDLES LENGTH/PRECISION INCORRECTLY FOR VARGRAPHIC). ++VER (Z038) FMID (CAADF10) PRE (S011692) SUP (LT03816 R096257 TR96257)	CA Datacom Datadictionary	Version 15.0	CA Datacom Datadictionary	Release 15.1
CA Datacom Datadictionary	Version 15.0				
CA Datacom Datadictionary	Release 15.1				

Service	Details
LU03836	LU03836 M.C.S. ENTRIES = ++PTF (LU03836) DBUTLTY DEFRAG DOES NOT COMBINE BLOCKS WITH FORMAT 2 INDEX PROBLEM DESCRIPTION: DBUTLTY DEFRAG for all keys of a Format 2 Index with multiple key id's only combines blocks for the first key id. Blocks for subsequent key id's are not combined and the DEFRAG accomplishes only partial defragmentation of the Index. SYMPTOMS: The ensuing report shows blocks being combined only for the first key id and the defragmentation is limited and incomplete. IMPACT: DEFRAG is not efficiently defragmenting the Index, which can lead to the index prematurely becoming full. CIRCUMVENTION: Running DEFRAG for each key id individually can circumvent the problem. PRODUCT(S) AFFECTED: DATACom/DB Release 15.1 Related Problem: DB 15538 Copyright (C) 2021 CA. All rights reserved. R00976-DCM151-SP3 DESC(DBUTLTY DEFRAG DOES NOT COMBINE BLOCKS WITH FORMAT 2 INDEX). ++VER (Z038) FMID (CABDF10) PRE (LU00290 LU02807 LU03423 R090903 R092441 R095667 R097209 R097757 R098348 R098604 R099902 S000436 S001226 S004931 S006748 S009367 S010109 S011247 S011906 S011975 S012203 S014651) SUP (AL00112 AL01689 LT00112 LT00265 LT00692 LT02107 LT02221 LT03836 LU00112 LU00265 LU00692 LU02107 LU02221 R089559 S007320 S013370 ST07320 ST13370 TR89559)

Service	Details
LU03888	LU03888 M.C.S. ENTRIES = ++PTF (LU03888) NPID ERROR INCORRECTLY ISSUED. PROBLEM DESCRIPTION: A PID (PRODUCT INCOMPATIBLE WITH DATACOM/DB) DSF error is sometimes issued erroneously due to timing issues. SYMPTOMS: ERRMSG =DSF 'NPID' 15.1 IMPACT: Job will not complete with success. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATACOM DATADictionary Release 15.1 Related Problem: DD 15612 Copyright (C) 2021 CA. All rights reserved. R00977-DCM151-SP3 DESC(NPID ERROR INCORRECTLY ISSUED.). ++VER (Z038) FMID (CAADF10) PRE (R097868) SUP (LT03888)

Service	Details
LU03979	LU03979 M.C.S. ENTRIES = ++PTF (LU03979) PRODUCT PTF ANALYSIS SUPPORT PROBLEM DESCRIPTION: This PTF will enable you to use a feature in SYSVIEW called Product PTF Analysis. This PTF delivers an element that contains metadata for all published PTFs for Datacom Core. Any subsequent PTF published after this PTF will contain its own PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Using the Cross System component, you are able to compare the PTFs applied on each LPAR. * Detailed SYSMOD information can be viewed from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" page on the SYSVIEW Tech Docs Portal here: https://techdocs.broadcom.com/sysview DATAACOM/DB Release 15.1 Related Problem: DB 15675 Copyright (C) 2021 CA. All rights reserved. R00979-DCM151-SP3 DESC(PRODUCT PTF ANALYSIS SUPPORT). ++VER (Z038) FMID (CAADF10) SUP (LT03979) ++IF FMID(CAADF15) REQ(LU03980) . ++IF FMID(CABDF10) REQ(LU03981) . ++IF FMID(CABDF11) REQ(LU03982) . ++IF FMID(CADQF10) REQ(LU03983) . ++IF FMID(CAVEF10) REQ(LU03984) . ++IF FMID(CAZNF10) REQ(LU03985) .

Service	Details
LU03980	LU03980 M.C.S. ENTRIES = ++PTF (LU03980) PRODUCT PTF ANALYSIS SUPPORT PROBLEM DESCRIPTION: This PTF will enable you to use a feature in SYSVIEW called Product PTF Analysis. This PTF delivers an element that contains metadata for all published PTFs for Datacom Core. Any subsequent PTF published after this PTF will contain its own PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Using the Cross System component, you are able to compare the PTFs applied on each LPAR. * Detailed SYSMOD information can be viewed from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" page on the SYSVIEW Tech Docs Portal here: https://techdocs.broadcom.com/sysview DATAACOM/DB Release 15.1 Related Problem: DB 15675 Copyright (C) 2021 CA. All rights reserved. R00979-DCM151-SP3 DESC(PRODUCT PTF ANALYSIS SUPPORT). ++VER (Z038) FMID (CAADF15) SUP (LT03980) ++IF FMID(CABDF10) REQ(LU03981) . ++IF FMID(CABDF11) REQ(LU03982) . ++IF FMID(CADQF10) REQ(LU03983) . ++IF FMID(CAVEF10) REQ(LU03984) . ++IF FMID(CAZNF10) REQ(LU03985) . ++IF FMID(CAADF10) REQ(LU03979) .

Service	Details
LU03981	LU03981 M.C.S. ENTRIES = ++PTF (LU03981) PRODUCT PTF ANALYSIS SUPPORT PROBLEM DESCRIPTION: This PTF will enable you to use a feature in SYSVIEW called Product PTF Analysis. This PTF delivers an element that contains metadata for all published PTFs for Datacom Core. Any subsequent PTF published after this PTF will contain its own PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Using the Cross System component, you are able to compare the PTFs applied on each LPAR. * Detailed SYSMOD information can be viewed from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" page on the SYSVIEW Tech Docs Portal here: https://techdocs.broadcom.com/sysview DATAACOM/DB Release 15.1 Related Problem: DB 15675 Copyright (C) 2021 CA. All rights reserved. R00979-DCM151-SP3 DESC(PRODUCT PTF ANALYSIS SUPPORT). ++VER (Z038) FMID (CABDF10) SUP (LT03981) ++IF FMID(CAADF15) REQ(LU03980) . ++IF FMID(CABDF11) REQ(LU03982) . ++IF FMID(CADQF10) REQ(LU03983) . ++IF FMID(CAVEF10) REQ(LU03984) . ++IF FMID(CAZNF10) REQ(LU03985) . ++IF FMID(CAADF10) REQ(LU03979) .

Service	Details
LU03982	LU03982 M.C.S. ENTRIES = ++PTF (LU03982) PRODUCT PTF ANALYSIS SUPPORT PROBLEM DESCRIPTION: This PTF will enable you to use a feature in SYSVIEW called Product PTF Analysis. This PTF delivers an element that contains metadata for all published PTFs for Datacom Core. Any subsequent PTF published after this PTF will contain its own PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Using the Cross System component, you are able to compare the PTFs applied on each LPAR. * Detailed SYSMOD information can be viewed from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" page on the SYSVIEW Tech Docs Portal here: https://techdocs.broadcom.com/sysview DATAACOM/DB Release 15.1 Related Problem: DB 15675 Copyright (C) 2021 CA. All rights reserved. R00979-DCM151-SP3 DESC(PRODUCT PTF ANALYSIS SUPPORT). ++VER (Z038) FMID (CABDF11) SUP (LT03982) ++IF FMID(CAADF15) REQ(LU03980) . ++IF FMID(CABDF10) REQ(LU03981) . ++IF FMID(CADQF10) REQ(LU03983) . ++IF FMID(CAVEF10) REQ(LU03984) . ++IF FMID(CAZNF10) REQ(LU03985) . ++IF FMID(CAADF10) REQ(LU03979) .

Service	Details
LU03983	LU03983 M.C.S. ENTRIES = ++PTF (LU03983) PRODUCT PTF ANALYSIS SUPPORT PROBLEM DESCRIPTION: This PTF will enable you to use a feature in SYSVIEW called Product PTF Analysis. This PTF delivers an element that contains metadata for all published PTFs for Datacom Core. Any subsequent PTF published after this PTF will contain its own PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Using the Cross System component, you are able to compare the PTFs applied on each LPAR. * Detailed SYSMOD information can be viewed from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" page on the SYSVIEW Tech Docs Portal here: https://techdocs.broadcom.com/sysview DATAACOM/DB Release 15.1 Related Problem: DB 15675 Copyright (C) 2021 CA. All rights reserved. R00979-DCM151-SP3 DESC(PRODUCT PTF ANALYSIS SUPPORT). ++VER (Z038) FMID (CADQF10) SUP (LT03983) ++IF FMID(CAADF15) REQ(LU03980) . ++IF FMID(CABDF10) REQ(LU03981) . ++IF FMID(CABDF11) REQ(LU03982) . ++IF FMID(CAVEF10) REQ(LU03984) . ++IF FMID(CAZNF10) REQ(LU03985) . ++IF FMID(CAADF10) REQ(LU03979) .

Service	Details
LU03984	LU03984 M.C.S. ENTRIES = ++PTF (LU03984) PRODUCT PTF ANALYSIS SUPPORT PROBLEM DESCRIPTION: This PTF will enable you to use a feature in SYSVIEW called Product PTF Analysis. This PTF delivers an element that contains metadata for all published PTFs for Datacom Core. Any subsequent PTF published after this PTF will contain its own PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Using the Cross System component, you are able to compare the PTFs applied on each LPAR. * Detailed SYSMOD information can be viewed from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" page on the SYSVIEW Tech Docs Portal here: https://techdocs.broadcom.com/sysview DATAACOM/DB Release 15.1 Related Problem: DB 15675 Copyright (C) 2021 CA. All rights reserved. R00979-DCM151-SP3 DESC(PRODUCT PTF ANALYSIS SUPPORT). ++VER (Z038) FMID (CAVEF10) SUP (LT03984) ++IF FMID(CAADF15) REQ(LU03980) . ++IF FMID(CABDF10) REQ(LU03981) . ++IF FMID(CABDF11) REQ(LU03982) . ++IF FMID(CADQF10) REQ(LU03983) . ++IF FMID(CAZNF10) REQ(LU03985) . ++IF FMID(CAADF10) REQ(LU03979) .

Service	Details
LU03985	LU03985 M.C.S. ENTRIES = ++PTF (LU03985) PRODUCT PTF ANALYSIS SUPPORT PROBLEM DESCRIPTION: This PTF will enable you to use a feature in SYSVIEW called Product PTF Analysis. This PTF delivers an element that contains metadata for all published PTFs for Datacom Core. Any subsequent PTF published after this PTF will contain its own PTF tracking element metadata. What is Product PTF Analysis? Product PTF Analysis combines PTF tracking elements from your run-time XML library with maintenance data found in your product SMP/E installation CSI library. Product PTF Analysis provides the ability to: * Determine the PTFs and APARs currently applied. * View detailed descriptions of published PTFs. * Using the Cross System component, you are able to compare the PTFs applied on each LPAR. * Detailed SYSMOD information can be viewed from the SMP/E CSI data set used during installation and maintenance. Product PTF Analysis shows this information for all Broadcom Mainframe products that have the necessary XML data available. Please note that not every product will update XML data for all prior and new fixes at the same time. Consult each product's documentation for more information. How can I view Product PTF Analysis? SYSVIEW 16.0 Feature PTF LU03153 added a Product PTF Analysis feature that performs an analysis of product SMP/E CSIs and PTF tracking metadata. A PTFS command was added to SYSVIEW 16.0 with PTF LU03153 that performs the analysis. For more information, see the "New Features" page on the SYSVIEW Tech Docs Portal here: https://techdocs.broadcom.com/sysview DATAACOM/DB Release 15.1 Related Problem: DB 15675 Copyright (C) 2021 CA. All rights reserved. R00979-DCM151-SP3 DESC(PRODUCT PTF ANALYSIS SUPPORT) . ++VER (Z038) FMID (CAZNF10) SUP (LT03985) ++IF FMID(CAADF15) REQ(LU03980) . ++IF FMID(CABDF10) REQ(LU03981) . ++IF FMID(CABDF11) REQ(LU03982) . ++IF FMID(CADQF10) REQ(LU03983) . ++IF FMID(CAVEF10) REQ(LU03984) . ++IF FMID(CAADF10) REQ(LU03979) . MCS LU01082 STARTS ON PAGE 0002 MCS LU01391 STARTS ON PAGE 0002 MCS LU03183 STARTS ON PAGE 0004 MCS LU03203 STARTS ON PAGE 0006 MCS LU03281 STARTS ON PAGE 0007 MCS LU03423 STARTS ON PAGE 0010 MCS LU03458 STARTS ON PAGE 0011 MCS LU03700 STARTS ON PAGE 0012

Datacom/DB 15.1
CA RS 2201 - PTF LU03985 Details

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Service	Details		
	MCS	LU03816	STARTS ON PAGE 0013
	MCS	LU03836	STARTS ON PAGE 0013
	MCS	LU03888	STARTS ON PAGE 0014
	MCS	LU03979	STARTS ON PAGE 0015
	MCS	LU03980	STARTS ON PAGE 0017
	MCS	LU03981	STARTS ON PAGE 0019
	MCS	LU03982	STARTS ON PAGE 0029
	MCS	LU03983	STARTS ON PAGE 0031
	MCS	LU03984	STARTS ON PAGE 0032
	MCS	LU03985	STARTS ON PAGE 0038

Datacom/DB 15.1
CA RS 2201 Product/Component Listing

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Product Family	Product	Release
Database	CA DATACOM DATADictionary	15.01.00
	CA DATACOM FAST RESTORE	15.01.00
	CA DATACOM METACOBOL SUPPORT	15.01.00
	CA DATACOM PRESSPACK	15.01.00
	CA DATACOM SQL	15.01.00
	CA DATACOM/DB	15.01.00
	CA DATAQUERY FOR CA DATACOM	15.01.00
The CA RS 2201 Product/Component Count for this release is 7		

CA RS Level	Service	FMID
CAR2201	LU03985	CAZNF10
	LU03984	CAVEF10
	LU03983	CADQF10
	LU03982	CABDF11
	LU03981	CABDF10
	LU03980	CAADF15
	LU03979	CAADF10
	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

CA RS Level	Service	FMID
	LU02318	CAADF10
	LU02248	CABDF10
	LU02040	CABDF10
	LU01216	CAVEF10
CAR2108	LU02221	CABDF10
	LU02170	CABDF10
	LU02134	CABDF10
	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

CA RS Level	Service	FMID
	LU00988	CAVEF10
	LU00961	CABDF10
CAR2105	S015660	CABDF10
	LU01022	CAADF10
	LU00985	CAVEF10
	LU00984	CABDF10
	LU00981	CAVEF10
	LU00692	CABDF10
	LU00602	CAVEF10
	LU00472	CAADF10
	LU00425	CAVEF10
	LU00354	CAVEF10
	LU00105	CAVEF10
	LU00065	CAVEF10
CAR2104	LU00589	CABDF10
	LU00290	CABDF10
CAR2103	S016049	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	S016096	CABDF10
	S016086	CABDF10
	S016084	CAADF10
	S016078	CAVEF10
	S016052	CABDF10
	S016004	CABDF10
	S015871	CABDF10
	LU00071	CABDF10
	LU00061	CABDF10
	LU00053	CABDF10
CAR2101	S016036	CABDF10
	S016006	CABDF10
	S015947	CABDF10
	S015912	CABDF10
	S015889	CAVEF10
	S015866	CAVEF10
	S015862	CABDF10
	S015827	CAVEF10

Datacom/DB 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	S015755	CAVEF10
	S015728	CAVEF10
	S015724	CAADF10
	S015552	CABDF10
	S015243	CABDF10
	S015187	CABDF10
	S015152	CABDF10
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

CA RS Level	Service	FMID
	S014369	CAVEF10
	S014359	CABDF10
	S014345	CABDF11
	S014296	CABDF10
	S014256	CABDF10
	S014169	CABDF10
	S014147	CAVEF10
	S014105	CAVEF10
	S014079	CABDF10
	S013992	CAVEF10
	S013892	CAVEF10
	S011882	CABDF10
CAR2008	S014115	CABDF10
	S014070	CABDF10
	S014068	CAVEF10
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
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
	S009610	CABDF10
	S009543	CABDF10
	S009510	CABDF10
	S009479	CABDF10
	S009464	CABDF10

CA RS Level	Service	FMID
	S009367	CABDF10
	S009270	CABDF10
	S008758	CAVEF10
CAR1908	S009219	CABDF10
	S009151	CABDF10
	S009143	CABDF10
	S008933	CAVEF10
	S008913	CAADF10
	S008889	CAVEF10
	S008801	CAVEF10
	S008749	CABDF10
	S008622	CABDF10
	S008452	CAVEF10
	S008294	CABDF10
CAR1907	S009034	CABDF10
	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

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CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	S006401	CABDF10
	S006396	CAVEF10
	S006387	CAVEF10
	S006366	CABDF10
	S006365	CABDF10
	S006238	CAVEF10
	S006153	CADQF10
CAR1812	S006314	CABDF10
	S006231	CAVEF10
	S006217	CABDF10
	S006174	CAVEF10
	S006133	CABDF10
	S005985	CAADF10
	S005964	CABDF10
	S005962	CABDF10
	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

CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	S001886	CAVEF10
	S001804	CABDF10
CAR1806	S001888	CABDF10
	S001724	CABDF10
	S001708	CABDF10
	S001597	CABDF10
	S001569	CABDF10
	S001512	CAVEF10
	S001439	CABDF10
	S001350	CAVEF10
	S001277	CABDF10
	S001215	CABDF10
	S000956	CAVEF10
	S000902	CAVEF10
	S000890	CAVEF10
	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

CA RS Level	Service	FMID
CAR1801	R099675	CABDF10
	R099532	CABDF10
	R099390	CABDF10
	R099352	CABDF10
	R099100	CABDF10
	R098976	CABDF11
	R098873	CABDF11
	R097375	CABDF11
	R096916	CABDF11
CAR1712	R099168	CAVEF10
	R099051	CAVEF10
	R099046	CADQF10
	R099007	CAVEF10
	R098973	CABDF10
	R098926	CABDF10
	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

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CA RS Level	Service	FMID
	R097723	CABDF10
	R097700	CABDF10
	R097674	CABDF10
	R097607	CAADF10
CAR1709	R097677	CABDF10
	R097639	CABDF10
	R097626	CABDF10
	R097526	CABDF10
	R097493	CAADF10
	R097490	CABDF10
	R097460	CAADF10
	R097416	CABDF10
	R097392	CABDF10
	R097386	CAADF10
	R097382	CABDF10
	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

CA RS Level	Service	FMID
	R095386	CADQF10
CAR1706	R096346	CAADF10
	R096313	CABDF10
	R096312	CABDF10
	R096304	CAADF10
	R096300	CABDF10
	R096257	CAADF10
	R096252	CABDF10
	R096213	CABDF10
	R096204	CABDF10
	R096133	CABDF10
	R096053	CABDF10
	R095915	CABDF10
	R095833	CABDF10
	R095761	CABDF10
	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

CA RS Level	Service	FMID
	R094095	CABDF10
	R094090	CABDF10
	R094085	CABDF10
	R094001	CABDF10
	R094000	CABDF10
	R093647	CABDF10
	R093616	CABDF10
	R093587	CABDF10
	R093585	CABDF10
	R093148	CABDF11
CAR1701	R093666	CAVEF10
	R093560	CAVEF10
	R093454	CABDF10
	R093450	CABDF10
	R093436	CABDF10
	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

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CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	R089520	CAVEF10
	R088863	CABDF10
	R088617	CAVEF10
	R088611	CAVEF10
	R088550	CAVEF10
	R088530	CABDF10
	R088480	CAVEF10
	R088479	CAVEF10
	R088475	CAVEF10
	R088469	CABDF10