

Datacom/AD 15.1
CA RS 2108 Service List

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Service	Description	Type
LU01153	NESTED LEFT JOIN RETURNS TOO MANY NULL VALUES AFTER LU00354	PTF
LU01331	MUF ABENDS WITH SOC4 IN STMTEXE @X'21CC'	PTF
LU01365	MUF ABORTS IN DBMSMPR WITH STARTUP OPTION STOP_LOOP_HANG_2	PTF
LU01619	USS: PROBLEM WITH DATA INSERTION AFTER A NULL IS INSERTED	PTF
LU01651	RARE ABEND SOC4 IN MODULE DBID3PR	PTF
LU01677	MUF SOC4 IN MODULE DBSUBPR WITH URI REUSE SCAN	PTF
LU01736	MF: DEBUG TCPIP INITIALIZATION ERRORS	PTF
LU01863	ENHANCEMENT: DB ENGINE CHANGES FOR SQL HASH JOIN	PTF
LU01915	ENHANCEMENT: DB ENGINE INTERNAL CHANGES FOR SQL HASH JOIN	PTF
LU01916	ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_INDEX	PTF
LU01940	ENHANCEMENT: PROVIDE QA EXTENDED TEST CAPABILITY	PTF
LU01970	RC 13(05) DURING DBTULTY DATASCAN WITH VERIFY_SPACE_INDEX	PTF
LU02022	OLREORG CAN GET RC 09(037) FOR VARIABLE ROW LENGTH TABLES	PTF
LU02078	INFRASTRUCTURE FOR FUTURE FEATURE	PTF
LU02107	MUF SOC4 IN MODULE DBIDXPR WITH LU01689 APPLIED	**HIPER**
LU02134	ENHANCEMENT: DATACOM/AD CHANGES FOR SCRT	PTF
LU02170	DYNAMIC EXTEND OF THE LXX SWITCHES RECFM FROM U TO F	PTF
LU02221	POSSIBLE ABEND SOC4 IN MODULE DBIDXPR AFTER APPLYING LU01689	PTF
The CA RS 2108 service count for this release is 18		

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CA RS 2108 Service List for CAADF10

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FMID	Service	Description	Type
CAADF10	LU02078	INFRASTRUCTURE FOR FUTURE FEATURE	PTF
The CA RS 2108 service count for this FMID is 1			

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CA RS 2108 Service List for CABDF10

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FMID	Service	Description	Type
CABDF10	LU01365	MUF ABORTS IN DBMSMPR WITH STARTUP OPTION STOP_LOOP_HANG_2	PTF
	LU01651	RARE ABEND SOC4 IN MODULE DBID3PR	PTF
	LU01677	MUF SOC4 IN MODULE DBSUBPR WITH URI REUSE SCAN	PTF
	LU01863	ENHANCEMENT: DB ENGINE CHANGES FOR SQL HASH JOIN	PTF
	LU01915	ENHANCEMENT: DB ENGINE INTERNAL CHANGES FOR SQL HASH JOIN	PTF
	LU01916	ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_INDEX	PTF
	LU01940	ENHANCEMENT: PROVIDE QA EXTENDED TEST CAPABILITY	PTF
	LU01970	RC 13(05) DURING DBTULTY DATASCAN WITH VERIFY_SPACE_INDEX	PTF
	LU02022	OLREORG CAN GET RC 09(037) FOR VARIABLE ROW LENGTH TABLES	PTF
	LU02107	MUF SOC4 IN MODULE DBIDXPB WITH LU01689 APPLIED	**HIPER**
	LU02134	ENHANCEMENT: DATACOM/AD CHANGES FOR SCRT	PTF
	LU02170	DYNAMIC EXTEND OF THE LXX SWITCHES RECFM FROM U TO F	PTF
	LU02221	POSSIBLE ABEND SOC4 IN MODULE DBIDXPB AFTER APPLYING LU01689	PTF
The CA RS 2108 service count for this FMID is 13			

Datacom/AD
CA RS 2108 Service List for CAVEF10

FMID	Service	Description	Type
CAVEF10	LU01153	NESTED LEFT JOIN RETURNS TOO MANY NULL VALUES AFTER LU00354	PTF
	LU01331	MUF ABENDS WITH SOC4 IN STMTEXE @X'21CC'	PTF
The CA RS 2108 service count for this FMID is 2			

Datacom/AD
CA RS 2108 Service List for CAYTF00

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FMID	Service	Description	Type
CAYTF00	LU01736	MF: DEBUG TCPIP INITIALIZATION ERRORS	PTF
The CA RS 2108 service count for this FMID is 1			

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CA RS 2108 Service List for CAYTF02

FMID	Service	Description	Type
CAYTF02	LU01619	USS: PROBLEM WITH DATA INSERTION AFTER A NULL IS INSERTED	PTF
The CA RS 2108 service count for this FMID is 1			

Service	Details
LU01153	LU01153 M.C.S. ENTRIES = ++PTF (LU01153) NESTED LEFT JOIN RETURNS TOO MANY NULL VALUES AFTER LU00354 PROBLEM DESCRIPTION: A nested LEFT JOIN is promoted to the upper LEFT JOIN. Example: <pre>SELECT * FROM T1 LEFT JOIN T2 ON T1.COL1 = T2.COL1 LEFT JOIN T3 ON T3.COL1 = T1.COL1</pre> No matching rows for T3 also cause no matching rows for T2 to be found. SYMPTOMS: Too few rows with extra null values are returned. IMPACT: The query does not return correct values. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 13544 Copyright (C) 2021 CA. All rights reserved. R00882-DCM151-SP2 DESC (NESTED LEFT JOIN RETURNS TOO MANY NULL VALUES AFTER LU00354) . ++VER (Z038) FMID (CAVEF10) PRE (LU00985 R090216 R090826 R095978 S000890 S001886 S004034 S004197 S005935 S007468 S007544 S008017 S008336 S011326 S011629 S014825) SUP (AR90826 AS14825 DC92212 LT00056 LT01153 LU00056 R095609 R099972 S005352 S014369 ST05352 ST14369 TR95609 TR99972)

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CA RS 2108 - PTF LU01331 Details

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Service	Details
LU01331	LU01331 M.C.S. ENTRIES = ++PTF (LU01331) MUF ABENDS WITH SOC4 IN STMTEXE @X'21CC' PROBLEM DESCRIPTION: A MUF may abends with CCSR010E DBMUFPR SOC4 at 1DDC67E4 in LMOD DBSRPPR CSECT STMTEXE +0021CC. SYMPTOMS: MUF abends with SOC4 in STMTEXE @x'21CC'. IMPACT: MUF has to be restarted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 13712 Copyright (C) 2021 CA. All rights reserved. R00892-DCM151-SP2 DESC(MUF ABENDS WITH SOC4 IN STMTEXE @X'21CC'). ++VER (Z038) FMID (CAVEF10) PRE (R092064 S004197 S004243 S009551 S011192 S011629 S014578 S015827) SUP (LT01331 R093821 TR93821)

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CA RS 2108 - PTF LU01365 Details

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Service	Details
LU01365	LU01365 M.C.S. ENTRIES = ++PTF (LU01365) MUF ABORTS IN DBMSMPR WITH STARTUP OPTION STOP_LOOP_HANG_2 PROBLEM DESCRIPTION: If a task is running for more than n minutes without an intervening task switch in a CA Datacom/DB Multi-User Facility (MUF), which was brought up with startup option: STOP_LOOP_HANG_2_WARN n the MUF can abort with a SOC7 in module DBMSMPR. The problem is timing related and very rare. SYMPTOMS: The MUF abends with a SOC7 in module DBMSMPR. IMPACT: A MUF outage is possible. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 13741 Copyright (C) 2021 CA. All rights reserved. R00893-DCM151-SP2 DESC (MUF ABORTS IN DBMSMPR WITH STARTUP OPTION STOP_LOOP_HANG_2). ++VER (Z038) FMID (CABDF10) PRE (R090903 R095667 R096499) SUP (AS11965 LT01365 S003692 S008294 S011965 S014256 ST03692 ST08294 ST11965 ST14256)

Service	Details
LU01619	LU01619 M.C.S. ENTRIES = ++PTF (LU01619) The following items are included in this solution: 1. USS: PROBLEM WITH DATA INSERTION AFTER A NULL IS INSERTED 2. USS: ALL ROWS ARE NOT RETURNED WHEN RESULT SET IS OVER 9999 3. (ENH) USS: IMPLEMENT SSL FOR JDBC TYPE 4 CONNECTIONS ===== USS: PROBLEM WITH DATA INSERTION AFTER A NULL IS INSERTED PROBLEM DESCRIPTION: When a JDBC application uses PreparedStatement to insert NULL in a column, then the subsequent insertions of valid data values are not taken into consideration. SYMPTOMS: Once a NULL is inserted in a column, then the subsequent valid data insertions in the same column are always NULL irrespective of the value provided by the application. IMPACT: Data retrieved from a table after NULL insertion is incorrect. Neither the CA Datacom Server mainframe region (SVDBSPR) nor the CA Datacom Multi-User Facility is affected. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom Server Version 15.0 COMPONENTS AFFECTED: cadcjdb.jar Driver Version: 15.00.020 Related Problem: DBSRV 13738 ===== USS: ALL ROWS ARE NOT RETURNED WHEN RESULT SET IS OVER 9999 PROBLEM DESCRIPTION: The CA Datacom Server JDBC driver default maximum rows is 9999. SYMPTOMS: When the result set of a query is larger than 9999 rows the Server JDBC driver does not return all the complete result set. IMPACT: The actual number of rows is not returned. Neither the CA Datacom Server mainframe region (SVDBSPR) nor the CA Datacom Multi-User Facility is affected. CIRCUMVENTION: Use Statement.setMaxRows(0) in JDBC application to reset the erroneous default which allows all the rows to be returned. PRODUCT(S) AFFECTED: CA Datacom Server Version 15.0 COMPONENTS AFFECTED: cadcjdb.jar Driver Version: 15.00.020 Related Problem: DBSRV 13842 ===== (ENH) USS: IMPLEMENT SSL FOR JDBC TYPE 4 CONNECTIONS ENHANCEMENT DESCRIPTION: This enhancement provides Secure Sockets Layer(SSL) support in CA Datacom Server JDBC driver for Type 4 connections. The connection URL to enable SSL for type 4 connection is:

Service	Details
	jdbc:datacom:ssl://HostName:HostPort/ServerName=,User=,Password= The following System properties must be set either in JDBC application or in command-line: javax.net.ssl.trustStore (Location of trustStore in client machine) javax.net.ssl.trustStorePassword (Password of trustStore) Refer to TechDocs for more information. PRODUCT(S) AFFECTED: CA Datacom Server Version 15.0 COMPONENTS AFFECTED: cadcjdbc.jar Driver Version: 15.00.020 cadcjdoc.jar Related Problem: DBSRV 13735 Copyright (C) 2021 CA. All rights reserved. R00130-DSR150-SP3 DESC(USS: PROBLEM WITH DATA INSERTION AFTER A NULL IS INSERTED). ++VER (Z038) FMID (CAYTF02) PRE (LU00231 R067586 R072673 R079251 R079335 R099840) SUP (AR79335 LT01619 R074101 R076353 R081768 R087666 R089016 R092663 R096707 R098045 S005865 S007533 ST05865 ST07533 TR71893 TR74101 TR76353 TR81151 TR81768 TR87666 TR89016 TR90698 TR91059 TR91753 TR92663 TR93636 TR94780 TR95141 TR95885 TR95901 TR96233 TR96567 TR96707 TR97036 TR98045) ++HOLD (LU01619) SYSTEM FMID(CAYTF02) REASON (DOC) DATE (21207) COMMENT (<pre> +-----+ CA Datacom Server USS Version 15.0 +-----+ ***** * PUBLICATION * ***** This PTF provides SSL encryption for Datacom Server JDBC Driver. Release Notes for CA Datacom Server can be found with the following URL: https://techdocs.broadcom.com/us/en/ca-mainframe-software/ database-management/ca-datacom-tools/15-1/release-notes-for-15-1 /ca-datacom-server-new-and-enhanced-features-for-15-x.html). LINK('cadcjdbc.jar') PARM(PATHMODE(0,7,7,7)) . LINK('cadcjdoc.jar') PARM(PATHMODE(0,7,7,7)) . </pre>

Service	Details
LU01651	LU01651 M.C.S. ENTRIES = ++PTF (LU01651) RARE ABEND SOC4 IN MODULE DBID3PR PROBLEM DESCRIPTION: The CA Datacom/DB Multi-User Facility (MUF) can abort with a SOC4 in module DBID3PR. There has been only one incident reported during the lifetime of release 15.1. The problem is based on a timing issue and very rare. SYMPTOMS: The MUF aborts with a SOC4 in module DBID3PR at or around offset +105E. IMPACT: A MUF outage is possible but very unlikely. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 13941 Copyright (C) 2021 CA. All rights reserved. R00905-DCM151-SP2 DESC (RARE ABEND SOC4 IN MODULE DBID3PR). ++VER (Z038) FMID (CABDF10) PRE (LU00174 R093251 R095667 R099902 S000436 S001226 S004931 S006748 S007835 S011906 S011975 S012203) SUP (LT01651 R091587 S008590 ST08590 TR91587)

Service	Details
LU01677	LU01677 M.C.S. ENTRIES = ++PTF (LU01677) MUF SOC4 IN MODULE DBSUBPR WITH URI REUSE SCAN PROBLEM DESCRIPTION: The CA Datacom/DB Multi-User Facility (MUF) can abend with code SOC4 in module DBSUBPR. This abend can occur when a URI REUSE scan starts indicated by message "DB02812I - URI REUSE SCAN AND INDEX BUILD STARTED". This abend is due to internal timing conditions and is not common. SYMPTOMS: MUF abends with a SOC4 in module DBSUBPR. IMPACT: There is a MUF outage. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 13922 Copyright (C) 2021 CA. All rights reserved. R00906-DCM151-SP2 DESC (MUF SOC4 IN MODULE DBSUBPR WITH URI REUSE SCAN) . ++VER (Z038) FMID (CABDF10) PRE (LU00071 R088469 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 OC90081 R091630 S005617 S007113 S007202 ST05617 ST07113 ST07202 TR91630)

Service	Details
LU01736	LU01736 M.C.S. ENTRIES = ++PTF (LU01736) MF: DEBUG TCPIP INITIALIZATION ERRORS PROBLEM DESCRIPTION: Provide additional trace entries to debug TCP/IP errors during CA Datacom Server mainframe initialization. SYMPTOMS: Unable to start Server mainframe due to the following errors: DSV00119E-errno = 1, EDC9501I The name does not resolve for the supplied parameters. DSV00120E-TCP/IP startup failed see DSV00119E for cause IMPACT: Datacom Server startup fails. Datacom Multi-User Facility is not affected. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom Server Version 15.0 Related Problem: DBSRV 14004 Copyright (C) 2021 CA. All rights reserved. R00131-DSR150-SP3 DESC(MF: DEBUG TCPIP INITIALIZATION ERRORS). ++VER (Z038) FMID (CAYTF00) PRE (R089159 R093486 S006664 S015082 S016056) SUP (LT01736 ST10634)

Service	Details
LU01863	LU01863 M.C.S. ENTRIES = ++PTF (LU01863) ENHANCEMENT: DB ENGINE CHANGES FOR SQL HASH JOIN ENHANCEMENT DESCRIPTION: This product enhancement delivers code which provides early validation support for new CA Datacom/DB Multi-User Facility (MUF) options which can be used to limit the amount of 64 bit storage SQL HASH JOIN uses. It also incorporates the HASH JOIN memory statistics into the MUF EOJ report and the Dynamic Systems Tables. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 CA Datacom SQL Release 15.1 Related Problem: DB 14064 Copyright (C) 2021 CA. All rights reserved. R00910-DCM151-SP2 DESC(ENHANCEMENT: DB ENGINE CHANGES FOR SQL HASH JOIN). ++VER (Z038) FMID (CABDF10) PRE (LU00290 LU01370 LU01452 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 S013398 S013716 S014067 S014507 S015187 S015871) SUP (LT01863 S001837 S003770 S005206 S006422 S007530 S013463 ST01837 ST03768 ST03770 ST05206 ST06422 ST07530 ST13463)

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CA RS 2108 - PTF LU01915 Details

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Service	Details
LU01915	LU01915 M.C.S. ENTRIES = ++PTF (LU01915) ENHANCEMENT: DB ENGINE INTERNAL CHANGES FOR SQL HASH JOIN ENHANCEMENT DESCRIPTION: This product enhancement delivers code which provides internal DB engine changes needed to support the SQL HASH JOIN feature. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 CA Datacom SQL Release 15.1 Related Problem: DB 14098 Copyright (C) 2021 CA. All rights reserved. R00911-DCM151-SP2 DESC (ENHANCEMENT: DB ENGINE INTERNAL CHANGES FOR SQL HASH JOIN) . ++VER (Z038) FMID (CABDF10) PRE (R088530 R092259 S006133) SUP (LT01915)

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CA RS 2108 - PTF LU01916 Details

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Service	Details
LU01916	LU01916 M.C.S. ENTRIES = ++PTF (LU01916) ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_INDEX ENHANCEMENT DESCRIPTION: This product enhancement delivers code which implements any needed changes during early validation testing of both the Buffer Pool by Area feature for index buffers and Datacom support for VSAM Linear Datasets. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 14097 Copyright (C) 2021 CA. All rights reserved. R00912-DCM151-SP2 DESC(ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_INDEX) . ++VER (Z038) FMID (CABDF10) PRE (LU00047 LU00071 LU00189 LU00290 LU01266 LU01370 LU01400 R088469 R088530 R088863 R090075 R090903 R091015 R091404 R091632 R092259 R092441 R092858 R093647 R094095 R094280 R094783 R095667 R095761 R095915 R096499 R097382 R097700 R097757 R097893 R098604 R098683 R099675 R099738 R099902 R099997 S000007 S000074 S001215 S001597 S003799 S003941 S004559 S004931 S005708 S005882 S006692 S006815 S007233 S007496 S007900 S008300 S008622 S009151 S009474 S010082 S010109 S010697 S010748 S011244 S011247 S011951 S011975 S012203 S012932 S013156 S013162 S013398 S013716 S014095 S014998 S015187) SUP (AS01215 AS08152 BC90081 DC90081 LC90081 LT00061 LT00837 LT01302 LT01312 LT01374 LT01591 LT01916 LU00061 LU01302 LU01312 LU01374 LU01591 R090535 R090586 R093450 R093585 R093616 R095037 R095833 R096204 R096213 R096568 R096806 R096824 R097343 R097416 R098085 R098417 R098879 R098926 R099067 R099171 S003866 S004745 S004783 S005131 S005301 S005361 S005962 S006404 S006519 S006715 S007039 S007480 S008032 S008152 S008488 S008602 S008749 S009219 S009270 S010373 S010617 S010624 S010720 S010776 S011501 S011678 S012165 S012771 S012809 S013040 S013090 S013882 S014070 S014079 S014169 S014951 S015912 S016006 S016049 ST03866 ST04618 ST04745 ST04783 ST05131 ST05301 ST05361 ST05961 ST05962 ST06150 ST06404 ST06516 ST06519 ST06715 ST07039 ST07480 ST07663 ST08032 ST08152 ST08488 ST08602 ST08749 ST09219 ST09270 ST10373 ST10617 ST10624 ST10720 ST10776 ST11501 ST11678 ST12165 ST12771 ST12809 ST13040 ST13090 ST13882 ST14070 ST14079 ST14169 ST14951 ST15912 ST16006 ST16049 TC90081 TR90535 TR90586 TR93450 TR93585 TR93616 TR95037 TR95833 TR96204 TR96213 TR96568 TR96806 TR96824 TR97343 TR97416 TR98085 TR98417 TR98879 TR98926 TR99067 TR99171 VC90081 YC90081)

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CA RS 2108 - PTF LU01940 Details

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Service	Details
LU01940	LU01940 M.C.S. ENTRIES = ++PTF (LU01940) ENHANCEMENT: PROVIDE QA EXTENDED TEST CAPABILITY ENHANCEMENT DESCRIPTION: This product enhancement delivers updated code that is needed to facilitate internal QA testing. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 14099 Copyright (C) 2021 CA. All rights reserved. R00914-DCM151-SP2 DESC (ENHANCEMENT: PROVIDE QA EXTENDED TEST CAPABILITY). ++VER (Z038) FMID (CABDF10) PRE (LU00290 LU01266 LU01370 R088530 R088863 R090903 R091404 R091648 R092259 R092858 R093647 R094001 R094095 R096440 R097818 R098059 R098604 R099532 R099675 S000074 S003827 S003879 S003941 S004298 S006692 S006748 S007233 S009474 S010748 S011403 S011906 S012178 S013594 S013716 S014296 S014507 S014998 S015152 S015871) SUP (EC90081 LT01940 R093092 R095277 R096821 R097723 S001888 S010416 S012636 S013189 S013991 S015862 ST01888 ST10416 ST11396 ST12636 ST13189 ST13991 ST15862 TR93092 TR95277 TR96821 TR97723)

Service	Details
LU01970	LU01970 M.C.S. ENTRIES = ++PTF (LU01970) RC 13(05) DURING DBTULTY DATASCAN WITH VERIFY_SPACE_INDEX PROBLEM DESCRIPTION: DBUTLTY DATASCAN with OPTION=VERIFY_SPACE_INDEX may abort with a RC 13(005) (Block Outside Of Extents). SYMPTOMS: DBUTLTY DATASCAN OPTION=VERIFY_SPACE_INDEX aborts with the following message: DB13001E - UNEXPECTED RETURN CODE 13 (5) INVALID DASD TRACK OUTSIDE EXTENTS IMPACT: The DBUTLTY DATASCAN OPTION=VERIFY_SPACE_INDEX fails to produce the requested Space Index report. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 14155 Copyright (C) 2021 CA. All rights reserved. R00915-DCM151-SP2 DESC(RC 13(05) DURING DBTULTY DATASCAN WITH VERIFY_SPACE_INDEX) . ++VER (Z038) FMID (CABDF10) PRE (R088863 R090903 R091632 R092259 R094095 R095915 R098604 R099675 S003825 S004559 S010748) SUP (LT01970 R097932 TR97932)

Service	Details
LU02022	LU02022 M.C.S. ENTRIES = ++PTF (LU02022) OLREORG CAN GET RC 09(037) FOR VARIABLE ROW LENGTH TABLES PROBLEM DESCRIPTION: DBUTLTY function OLREORG can fail with RC 09(037) (request not preceded by prerequisite request) when executed against a table with variable length rows, i.e. when compression exit DBVVRPR is active. The error is sporadic. SYMPTOMS: The OLREORG function fails with RC 09(037). IMPACT: The OLREORG function is not always successful on variable row length tables. CIRCUMVENTION: Re-submitting the DBUTLTY job may succeed. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 14174 Copyright (C) 2021 CA. All rights reserved. R00916-DCM151-SP2 DESC(OLREORG CAN GET RC 09(037) FOR VARIABLE ROW LENGTH TABLES). ++VER (Z038) FMID (CABDF10) PRE (LU00047 LU01370 R088469 R088863 R090075 R090903 R091632 R092259 R093647 R094095 R096133 R096852 R097818 R098364 S008300 S008500 S008926 S009648 S011906 S012178 S014067 S014095) SUP (AS14095 LT02022 SC90081 S003985 S007008 S010261 S016086 ST03985 ST07008 ST10261 ST13837 ST16086)

Service	Details
LU02078	LU02078 M.C.S. ENTRIES = ++PTF (LU02078) INFRASTRUCTURE FOR FUTURE FEATURE ENHANCEMENT DESCRIPTION: Internal framework for a future enhancement. PRODUCT(S) AFFECTED: CA Datacom Datadictionary Release 15.1 Related Problem: DD 14154 Copyright (C) 2021 CA. All rights reserved. R00918-DCM151-SP2 DESC(INFRASTRUCTURE FOR FUTURE FEATURE). ++VER (Z038) FMID (CAADF10) PRE (S010466) SUP (AC01847 LT01022 LT01428 LT01834 LT02078 LU01022 LU01428 LU01834)

Service	Details
LU02107	LU02107 M.C.S. ENTRIES = ++PTF (LU02107) MUF SOC4 IN MODULE DBIDXPR WITH LU01689 APPLIED PROBLEM DESCRIPTION: After applying PTF LU01689 the CA Datacom/DB Multi-User Facility (MUF) can abend with a SOC4 in module DBIDXPR. This problem is not common. It is due to a timing problem in which two SRB's (or TCB's) conflict during a request to allocate 64 bit BDE memory along with other additional internal conditions. SYMPTOMS: MUF abends with a SOC4 in module DBIDXPR at or near offset x'99C6'. IMPACT: There is a MUF outage. CIRCUMVENTION: Code "31" on the SYSPPOOL startup option which causes the index buffers to be allocated in 31-bit memory. Since this problem is rare this circumvention is not recommended. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 14258 Copyright (C) 2021 CA. All rights reserved. R00919-DCM151-SP2 DESC(MUF SOC4 IN MODULE DBIDXPR WITH LU01689 APPLIED) . ++VER (Z038) FMID (CABDF10) PRE (LU00290 R090903 R092441 R095667 R097209 R097757 R098348 R098604 R099902 S000436 S001226 S004931 S006748 S009367 S010109 S011247 S011906 S011975 S012203 S014651) SUP (AL00112 LT00112 LT00265 LT00692 LT02107 LU00112 LU00265 LU00692 R089559 S007320 S013370 ST07320 ST13370 TR89559)

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Service	Details
LU02134	LU02134 M.C.S. ENTRIES = ++PTF (LU02134) ENHANCEMENT: DATACOM/AD CHANGES FOR SCRT ENHANCEMENT DESCRIPTION: This product enhancement delivers code which adds Datacom/AD to the SCRT product displays. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 14276 Copyright (C) 2021 CA. All rights reserved. R00920-DCM151-SP2 DESC (ENHANCEMENT: DATACOM/AD CHANGES FOR SCRT). ++VER (Z038) FMID (CABDF10) PRE (LU00071 LU00290 LU01266 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 LT00172 LT02134 LU00172 S001230 S005492 S006676 S008697 S008775 S014115 ST01230 ST05492 ST06676 ST08697 ST08775 ST14115)

Service	Details
LU02170	LU02170 M.C.S. ENTRIES = ++PTF (LU02170) DYNAMIC EXTEND OF THE LXX SWITCHES RECFM FROM U TO F PROBLEM DESCRIPTION: After a Dynamic Extend of the LXX dataset is executed, RECFM=U is switched to RECFM=F. SYMPTOMS: RECFM=U is switched to RECFM=F after Dynamic Extend of the LXX. IMPACT: The LXX dataset has the wrong RECFM. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 14185 Copyright (C) 2021 CA. All rights reserved. R00922-DCM151-SP2 DESC(DYNAMIC EXTEND OF THE LXX SWITCHES RECFM FROM U TO F). ++VER (Z038) FMID (CABDF10) PRE (LU00047 LU01916 R088469 R090903 R091404 R092858 R094095 R095915 S000007 S001597 S007233 S008300 S009151 S013716) SUP (LT02170 R093585 R096824 R097416 R098879 S005301 S008032 ST05301 ST07663 ST08032 TR93585 TR96824 TR97416 TR98879)

Service	Details
LU02221	LU02221 M.C.S. ENTRIES = ++PTF (LU02221) POSSIBLE ABEND SOC4 IN MODULE DBIDXPX AFTER APPLYING LU01689 PROBLEM DESCRIPTION: After applying PTF LU01689, the CA Datacom/DB Multi-User Facility (MUF) can abend with a SOC4 in module DBIDXPX. This problem is not common. It is due to a timing problem in which two SRB's (or TCB's) conflict during a request to allocate 64 bit BDE memory along with other additional internal conditions. The only occurrence of this problem was observed in inhouse testing. This solution is equivalent to PTF LU02107, which was published before PTF LU01689 was marked in error and therefore cannot be made the PRP, correcting solution, in SMP/E. The purpose of this solution is to accomplish that. SYMPTOMS: MUF abends with a SOC4 in module DBIDXPX at or near offset x'99C6'. IMPACT: There is an outage of MUF. CIRCUMVENTION: Code "31" on the SYSPPOOL startup option which causes the index buffers to be allocated in 31-bit memory. Since this problem is rare this circumvention is not recommended. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 14359 Copyright (C) 2021 CA. All rights reserved. R00923-DCM151-SP2 DESC(POSSIBLE ABEND SOC4 IN MODULE DBIDXPX AFTER APPLYING LU01689). ++VER (Z038) FMID (CABDF10) PRE (LU00290 LU01689 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 LU00112 LU00265 LU00692 LU02107 R089559 S007320 S013370 ST07320 ST13370 TR89559) MCS LU01153 STARTS ON PAGE 0002 MCS LU01331 STARTS ON PAGE 0002 MCS LU01365 STARTS ON PAGE 0003 MCS LU01619 STARTS ON PAGE 0004 MCS LU01651 STARTS ON PAGE 0007 MCS LU01677 STARTS ON PAGE 0007 MCS LU01736 STARTS ON PAGE 0008 MCS LU01863 STARTS ON PAGE 0009 MCS LU01915 STARTS ON PAGE 0010 MCS LU01916 STARTS ON PAGE 0010 MCS LU01940 STARTS ON PAGE 0012 MCS LU01970 STARTS ON PAGE 0012 MCS LU02022 STARTS ON PAGE 0013 MCS LU02078 STARTS ON PAGE 0014 MCS LU02107 STARTS ON PAGE 0014 MCS LU02134 STARTS ON PAGE 0015

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CA RS 2108 - PTF LU02221 Details

Service	Details		
	MCS	LU02170	STARTS ON PAGE 0016
	MCS	LU02221	STARTS ON PAGE 0017

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CA RS 2108 Product/Component Listing

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Product Family	Product	Release
Database	CA DATACOM/AD	15.01.00
	CA IPC	15.01.00
	CA DATACOM	15.00.00
The CA RS 2108 Product/Component Count for this release is 3		

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All CA RS Levels Service List

CA RS Level	Service	FMID
CAR2108	LU02221	CABDF10
	LU02170	CABDF10
	LU02134	CABDF10
	LU02107	CABDF10
	LU02078	CAADF10
	LU02022	CABDF10
	LU01970	CABDF10
	LU01940	CABDF10
	LU01916	CABDF10
	LU01915	CABDF10
	LU01863	CABDF10
	LU01736	CAYTF00
	LU01677	CABDF10
	LU01651	CABDF10
	LU01619	CAYTF02
	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
	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
	LU00463	CAYTF00

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CA RS Level	Service	FMID
	LU00231	CAYTF02
CAR2105	SO15660	CABDF10
	LU01022	CAADF10
	LU00985	CAVEF10
	LU00984	CABDF10
	LU00981	CAVEF10
	LU00977	CAYTF00
	LU00692	CABDF10
	LU00602	CAVEF10
	LU00472	CAADF10
	LU00425	CAVEF10
	LU00354	CAVEF10
	LU00105	CAVEF10
	LU00065	CAVEF10
CAR2104	LU00668	CAVQF10
	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
	SO16056	CAYTF00
	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

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CA RS Level	Service	FMID
	S015862	CABDF10
	S015827	CAVEF10
	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	S015298	CAYTF00
	S015286	CAADF10
	S015224	CAVEF10
	S015186	CABDF10
	S015165	CAVEF10
	S015083	CAYTF02
	S015082	CAYTF00
	S014998	CABDF10
	S014851	CAADF10
	S014825	CAVEF10
	S014818	CABDF10
	S014813	CAVEF10
	S014667	CAVEF10
	S014578	CAVEF10
	S014423	CAVEF10
	S014067	CABDF10
CAR2010	S015008	CABDF10
	S014957	CAAXF10
	S014951	CABDF10
	S014911	CABDF10
	S014804	CAVEF10
	S014800	CAADF10
	S014765	CABDF10
	S014725	CAVEF10
	S014724	CABDF10
	S014651	CABDF10
	S014542	CABDF10
	S014507	CABDF10
	S014334	CABDF10
	S014297	CAVEF10

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CA RS Level	Service	FMID
	S014271	CAVEF10
	S014100	CABDF10
	S014095	CABDF10
CAR2009	S014600	CAADF10
	S014495	CABDF10
	S014493	CAADF10
	S014369	CAVEF10
	S014359	CABDF10
	S014296	CABDF10
	S014256	CABDF10
	S014169	CABDF10
	S014147	CAVEF10
	S014105	CAVEF10
	S014079	CABDF10
	S013992	CAVEF10
	S013892	CAVEF10
	S011882	CABDF10
	S011872	CAAXF10
CAR2008	S014115	CABDF10
	S014070	CABDF10
	S014068	CAVEF10
	S013991	CABDF10
	S013902	CAVEF10
	S013882	CABDF10
	S013810	CAADF10
	S013788	CAVQF10
	S013742	CAVEF10
	S013740	CABDF10
	S013739	CAVEF10
	S013716	CABDF10
	S013630	CAVEF10
	S013594	CABDF10
	S013581	CABDF10
	S013544	CAVEF10
	S013526	CAVEF10
	S013448	CAAXF10
	S013441	CAADF10
	S013286	CAVEF10
	S013249	CABDF10
	S013055	CAVEF10
CAR2007	S013667	CABDF10
	S013593	CABDF10
	S013463	CABDF10
	S013425	CABDF10
	S013398	CABDF10
	S013370	CABDF10
	S013173	CAVEF10

CA RS Level	Service	FMID
	S013156	CABDF10
	S013145	CAVEF10
	S013102	CAVEF10
	S013090	CABDF10
	R072189	CAYTF00
	R070316	CAYTF00
	R069811	CAYTF00
	R069282	CAYTF00
	R069183	CAYTF00
	R069180	CAYTF00
	R068064	CAYTF00
CAR2006	S013189	CABDF10
	S013162	CABDF10
	S013093	CAVEF10
	S013040	CABDF10
	S012962	CAVEF10
	S012932	CABDF10
	S012861	CAVEF10
	S012743	CAVEF10
	S011965	CABDF10
	S011513	CABDF10
CAR2005	S012828	CABDF10
	S012809	CABDF10
	S012776	CABDF10
	S012771	CABDF10
	S012636	CABDF10
	S012632	CABDF10
	S012601	CAVEF10
	S012557	CAVEF10
	S012504	CAVEF10
	S012497	CAVEF10
	S012203	CABDF10
	S012178	CABDF10
	S011951	CABDF10
CAR2004	S012202	CAADF10
	S012165	CABDF10
	S012048	CABDF10
	S011975	CABDF10
	S011629	CAVEF10
	S011348	CAVEF10
CAR2003	S012082	CAVQF10
	S011932	CABDF10
	S011906	CABDF10
	S011692	CAADF10
	S011678	CABDF10
	S010586	CAVEF10
CAR2002	S011673	CABDF10

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CA RS Level	Service	FMID
	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
	S009941	CAYTF00
CAR2001	S011278	CABDF10
	S011244	CABDF10
	S010748	CABDF10
	S010720	CABDF10
	S010697	CABDF10
CAR1912	S010776	CABDF10
	S010727	CABDF10
	S010624	CABDF10
	S010580	CABDF10
	S010571	CABDF10
	S010439	CABDF10
	S009551	CAVEF10
	S008336	CAVEF10
CAR1911	S010617	CABDF10
	S010523	CAADF10
	S010519	CABDF10
	S010467	CAVEF10
	S010466	CAADF10
	S010462	CAADF10
	S010416	CABDF10
	S010395	CABDF10
	S010380	CAVEF10
	S010373	CABDF10
	S010335	CAVEF10
	S010328	CAVEF10
	S010261	CABDF10
	S010095	CABDF10
	S010082	CABDF10
	S009994	CAVEF10
	S009683	CABDF10
	S009437	CAVEF10

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All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	S008913	CAADF10
	S008889	CAVEF10
	S008801	CAVEF10
	S008749	CABDF10
	S008666	CAYTF00
	S008622	CABDF10
	S008452	CAVEF10
	S008294	CABDF10
CAR1907	S009034	CABDF10
	S008926	CABDF10
	S008775	CABDF10
	S008697	CABDF10
	S008685	CABDF10
	S008602	CABDF10
	S008590	CABDF10
	S008488	CABDF10
	S008444	CABDF10
	S008394	CABDF10
	S008374	CAVEF10
	S008110	CAYTF00
	S008017	CAVEF10
CAR1906	S008545	CAADF10
	S008500	CABDF10
	S008458	CAVQF10

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CA RS Level	Service	FMID
	S008300	CABDF10
	S008181	CABDF10
	S008120	CABDF10
	S008032	CABDF10
	S007557	CAVEF10
	S007544	CAVEF10
CAR1905	S008152	CABDF10
	S007948	CABDF10
	S007923	CABDF10
	S007900	CABDF10
	S007867	CAVQF10
	S007846	CABDF10
	S007835	CABDF10
	S007533	CAYTF02
	S007524	CABDF10
	S007519	CABDF10
CAR1904	S007786	CABDF10
	S007735	CAADF10
	S007733	CABDF10
	S007572	CAADF10
	S007564	CAADF10
	S007530	CABDF10
	S007496	CABDF10
	S007480	CABDF10
	S007468	CAVEF10
	S007461	CAVEF10
	S007425	CABDF10
	S007405	CABDF10
	S007233	CABDF10
	S007166	CABDF10
	S007008	CABDF10
	S006957	CABDF10
CAR1903	S007320	CABDF10
	S007262	CABDF10
	S007258	CABDF10
	S007234	CABDF10
	S007219	CABDF10
	S007202	CABDF10
	S007190	CABDF10
	S007141	CABDF10
	S007055	CABDF10
	S007039	CABDF10
	S007034	CABDF10
	S006999	CAVEF10
	S006945	CABDF10
	S006922	CAVEF10
	S006846	CAVEF10

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CA RS Level	Service	FMID
	S006768	CABDF10
	S006750	CAVEF10
	S006748	CABDF10
	S004529	CAADF10
CAR1902	S007113	CABDF10
	S007076	CAVQF10
	S006840	CABDF10
	S006815	CABDF10
	S006692	CABDF10
	S006665	CAYTF02
	S006664	CAYTF00
	S006613	CABDF10
	S006547	CABDF10
	S006404	CABDF10
	S005865	CAYTF02
CAR1901	S006715	CABDF10
	S006676	CABDF10
	S006626	CAVEF10
	S006551	CABDF10
	S006519	CABDF10
	S006473	CAVEF10
	S006440	CAVEF10
	S006422	CABDF10
	S006412	CAVEF10
	S006402	CAVEF10
	S006401	CABDF10
	S006396	CAVEF10
	S006387	CAVEF10
	S006366	CABDF10
	S006365	CABDF10
	S006238	CAVEF10
CAR1812	S006314	CABDF10
	S006231	CAVEF10
	S006217	CABDF10
	S006174	CAVEF10
	S006133	CABDF10
	S005985	CAADF10
	S005964	CABDF10
	S005962	CABDF10
	S005935	CAVEF10
	S005882	CABDF10
	S005562	CAVEF10
CAR1811	S005864	CABDF10
	S005778	CABDF10
	S005738	CABDF10
	S005708	CABDF10
	S005665	CABDF10

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CA RS Level	Service	FMID
	S005617	CABDF10
	S005600	CAVEF10
	S005597	CABDF10
	S005583	CABDF10
	S005492	CABDF10
	S005423	CABDF10
	S005417	CAVEF10
	S005404	CABDF10
	S005360	CABDF10
	S005352	CAVEF10
	S005300	CAVEF10
	S005278	CABDF10
	S005096	CAYTF02
	S005095	CAYTF00
CAR1810	S005596	CABDF10
	S005383	CABDF10
	S005361	CABDF10
	S005343	CAVEF10
	S005301	CABDF10
	S005243	CAVEF10
	S005239	CABDF10
	S005221	CABDF10
	S005210	CAVEF10
	S005206	CABDF10
	S005190	CAVEF10
	S005131	CABDF10
	S005085	CAVQF10
	S004938	CABDF10
	S004931	CABDF10
	S004867	CAVEF10
	S004565	CABDF10
CAR1809	S005129	CABDF10
	S004997	CABDF10
	S004978	CABDF10
	S004969	CAVEF10
	S004927	CAVEF10
	S004889	CAVEF10
	S004849	CAVEF10
	S004783	CABDF10
	S004745	CABDF10
	S004559	CABDF10
	S004538	CABDF10
	S004485	CAADF10
	S003799	CABDF10
	S003704	CABDF10
	S003692	CABDF10
CAR1808	S004646	CAYTF00

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CA RS Level	Service	FMID
	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
	S001707	CAYTF00
	S000289	CAYTF02
	S000288	CAYTF00
	R099018	CAYTF00
CAR1807	S004096	CABDF10
	S004045	CAVEF10
	S004034	CAVEF10
	S004015	CAVEF10
	S004003	CAVEF10
	S003941	CABDF10
	S003895	CAVEF10
	S003879	CABDF10
	S003853	CABDF10
	S003825	CABDF10
	S003791	CAVEF10
	S003770	CABDF10
	S003683	CAVEF10
	S001886	CAVEF10
	S001804	CABDF10
CAR1806	S001909	CAVQF10
	S001888	CABDF10
	S001724	CABDF10
	S001708	CABDF10
	S001597	CABDF10
	S001569	CABDF10
	S001512	CAVEF10
	S001439	CABDF10
	S001350	CAVEF10
	S001277	CABDF10
	S001215	CABDF10
	S000956	CAVEF10
	S000902	CAVEF10
	S000890	CAVEF10
	S000167	CABDF10

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CA RS Level	Service	FMID
CAR1805	S001443	CABDF10
	S001390	CABDF10
	S001230	CABDF10
	S001226	CABDF10
	S001212	CABDF10
	S001184	CABDF10
	S001151	CAVQF10
	S000426	CAVEF10
CAR1804	S000922	CABDF10
	S000629	CABDF10
	S000074	CABDF10
	S000007	CABDF10
	R099997	CABDF10
	R099171	CABDF10
CAR1803	S000657	CABDF10
	S000595	CABDF10
	S000475	CABDF10
	S000436	CABDF10
	S000315	CABDF10
CAR1802	S000035	CABDF10
	R099972	CAVEF10
	R099969	CAVEF10
	R099964	CAVEF10
	R099902	CABDF10
	R099886	CABDF10
	R099840	CAYTF02
	R099839	CAYTF00
	R099738	CABDF10
	R099737	CABDF10
	R099516	CABDF10
	R099067	CABDF10
CAR1801	R099675	CABDF10
	R099532	CABDF10
	R099390	CABDF10
	R099352	CABDF10
	R099100	CABDF10
CAR1712	R099168	CAVEF10
	R099051	CAVEF10
	R099007	CAVEF10
	R098973	CABDF10
	R098926	CABDF10
	R098879	CABDF10
	R098846	CABDF10
	R098800	CABDF10
	R098737	CABDF10
	R098604	CABDF10
	R098085	CABDF10

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CA RS Level	Service	FMID
	R098045	CAYTF02
	R097050	CAYTF02
	R097049	CAYTF00
	R095900	CAYTF00
CAR1711	R098683	CABDF10
	R098636	CAADF10
	R098593	CABDF10
	R098521	CAVEF10
	R098426	CABDF10
	R098417	CABDF10
	R098393	CABDF10
	R098364	CABDF10
	R098348	CABDF10
	R098249	CABDF10
	R098231	CAADF10
	R098220	CABDF10
	R098142	CABDF10
	R098059	CABDF10
CAR1710	R098254	CAYTF00
	R098204	CAADF10
	R098170	CAADF10
	R098086	CABDF10
	R097972	CABDF10
	R097932	CABDF10
	R097893	CABDF10
	R097868	CAADF10
	R097818	CABDF10
	R097757	CABDF10
	R097743	CABDF10
	R097729	CABDF10
	R097723	CABDF10
	R097700	CABDF10
	R097674	CABDF10
	R097607	CAADF10
CAR1709	R097677	CABDF10
	R097639	CABDF10
	R097626	CABDF10
	R097526	CABDF10
	R097493	CAADF10
	R097490	CABDF10
	R097467	CAVQF10
	R097460	CAADF10
	R097416	CABDF10
	R097392	CABDF10
	R097386	CAADF10
	R097382	CABDF10
	R097343	CABDF10

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CA RS Level	Service	FMID
	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	R096707	CAYTF02
	R096568	CABDF10
	R096537	CAADF10
	R096499	CABDF10
	R096447	CABDF10
	R096440	CABDF10
	R096426	CABDF10
	R096420	CABDF10
	R096403	CABDF10
	R096260	CABDF10
	R096191	CABDF10
	R095487	CAADF10
CAR1706	R096346	CAADF10
	R096313	CABDF10
	R096312	CABDF10
	R096304	CAADF10
	R096300	CABDF10
	R096257	CAADF10
	R096252	CABDF10
	R096213	CABDF10
	R096204	CABDF10
	R096133	CABDF10
	R096053	CABDF10
	R095915	CABDF10
	R095833	CABDF10
	R095761	CABDF10
	R095719	CABDF10

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CA RS Level	Service	FMID
	R095676	CABDF10
	R095600	CABDF10
	R095564	CABDF10
	R095097	CAADF10
	R094902	CABDF10
CAR1705	R095737	CAVEF10
	R095667	CABDF10
	R095609	CAVEF10
	R095548	CABDF10
	R095352	CAVEF10
	R095305	CABDF10
	R095277	CABDF10
	R095235	CAVEF10
	R095037	CABDF10
	R094176	CABDF10
CAR1704	R095080	CABDF10
	R094912	CABDF10
	R094907	CABDF10
	R094783	CABDF10
	R094696	CAVEF10
	R094632	CABDF10
CAR1703	R094324	CAVEF10
	R094280	CABDF10
	R094247	CAVEF10
	R093821	CAVEF10
	R093677	CAVEF10
	R093613	CAVEF10
CAR1702	R094095	CABDF10
	R094090	CABDF10
	R094085	CABDF10
	R094001	CABDF10
	R094000	CABDF10
	R093647	CABDF10
	R093616	CABDF10
	R093587	CABDF10
	R093585	CABDF10
	R093486	CAYTF00
CAR1701	R093666	CAVEF10
	R093560	CAVEF10
	R093454	CABDF10
	R093450	CABDF10
	R093436	CABDF10
	R093373	CAADF10
	R093324	CAVEF10
	R093251	CABDF10
	R093201	CABDF10
	R093127	CABDF10

CA RS Level	Service	FMID
	R093092	CABDF10
	R092954	CABDF10
	R092864	CAVEF10
	R092858	CABDF10
	R092736	CAADF10
	R092663	CAYTF02
	R092600	CABDF10
	R092507	CAADF10
	R092441	CABDF10
	R092436	CABDF10
	R092398	CABDF10
	R092282	CAVEF10
	R092277	CABDF10
	R092259	CABDF10
	R092243	CABDF10
	R092173	CAVEF10
	R092064	CAVEF10
	R092009	CAVEF10
	R091992	CAVEF10
	R091930	CAVEF10
	R091845	CABDF10
	R091732	CABDF10
	R091729	CAVQF10
	R091719	CAADF10
	R091648	CABDF10
	R091632	CABDF10
	R091631	CABDF10
	R091630	CABDF10
	R091587	CABDF10
	R091515	CABDF10
	R091427	CABDF10
	R091404	CABDF10
	R091394	CABDF10
	R091352	CABDF10
	R091254	CABDF10
	R091226	CAVEF10
	R091196	CAADF10
	R091185	CAADF10
	R091180	CABDF10
	R091166	CABDF10
	R091165	CABDF10
	R091141	CABDF10
	R091115	CAVEF10
	R091079	CABDF10
	R091015	CABDF10
	R090950	CAADF10
	R090903	CABDF10

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CA RS Level	Service	FMID
	R090854	CAVEF10
	R090838	CAADF10
	R090826	CAVEF10
	R090821	CABDF10
	R090729	CAADF10
	R090607	CAVQF10
	R090586	CABDF10
	R090535	CABDF10
	R090486	CABDF10
	R090414	CAVQF10
	R090397	CABDF10
	R090276	CABDF10
	R090216	CAVEF10
	R090197	CABDF10
	R090182	CABDF10
	R090179	CABDF10
	R090156	CAVEF10
	R090155	CAVEF10
	R090075	CABDF10
	R090074	CAADF10
	R090065	CABDF10
	R090044	CAVEF10
	R089985	CAVQF10
	R089915	CAVQF10
	R089842	CAVEF10
	R089839	CAVEF10
	R089666	CABDF10
	R089594	CAVQF10
	R089559	CABDF10
	R089521	CAVEF10
	R089520	CAVEF10
	R088863	CABDF10
	R088617	CAVEF10
	R088611	CAVEF10
	R088550	CAVEF10
	R088530	CABDF10
	R088480	CAVEF10
	R088479	CAVEF10
	R088475	CAVEF10
	R088469	CABDF10
CAR1608	R089160	CAYTF02
	R089159	CAYTF00
CAR1605	R089016	CAYTF02
CAR1604	R088157	CAYTF02
	R088156	CAYTF00
	R087666	CAYTF02
CAR1602	R081768	CAYTF02

CA RS Level	Service	FMID
	R079335	CAYTF02
	R079251	CAYTF02
	R076353	CAYTF02
	R074101	CAYTF02
	R073679	CAYTF02
CAR1507	R081721	CAYTF00
CAR1506	R080137	CAYTF00
CAR1505	R079334	CAYTF00
CAR1504	R079250	CAYTF00
CAR1411	R073785	CAYTF00
	R073508	CAYTF00