

Datacom DB Core 15.1
CA RS 2306 Service List

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Service	Description	Type
LU09211	NESTED VIEW WITH GROUP BY CAUSES MUF ABEND OR OTHER ERRORS	PTF
LU09688	ENHANCEMENT: CXX/LXX/FXX RENAMING FOR LINEAR VSAM SUPPORT	PTF
LU09720	ENHANCEMENT TO FACILITATE THE USE OF SQL CONSTRAINTS	PTF
LU09872	ENHANCEMENT: COPYRIGHT CHANGES	PTF
LU09945	SUPPORT ALTER TABLE MODIFY DEFAULT NONE	PTF
LU10008	DB00229E FATAL INTERNAL ERROR JOB TERMINATED - IDS	*HIP/PRP*
LU10013	MESSAGE DB00152I NOT ISSUED, INCORRECT STEP NUMBERS WITH CCI	PTF
LU10056	ALLOW FASTER JOIN WITH MISSING ON CLAUSE	PTF
LU10078	INVALID DBSQLPR OUTPUT WITH SPECIAL CHARACTERS IN COLUMN 1	PTF
LU10106	TYPO IN CREATE VIEW STATEMENT FOR SYSCONSTR_FOREIGNKEY_VIEW	** PRP **
LU10121	DBSQLPR MISSING ROWS WITH CCI WHEN TASK SIZE IS GREATER 32K	PTF
LU10193	DSF NSAE ERROR ON SQL CREATE TABLE	PTF
LU10206	QUERY OF DIR_DIRECTORY SHOWS CXX_VERSION 00.0 AFTER LU07758	** PRP **
The CA RS 2306 service count for this release is 13		

Datacom DB Core
CA RS 2306 Service List for CAADF10

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FMID	Service	Description	Type
CAADF10	LU10193	DSF NSAE ERROR ON SQL CREATE TABLE	PTF
The CA RS 2306 service count for this FMID is 1			

Datacom DB Core
CA RS 2306 Service List for CABDF10

FMID	Service	Description	Type
CABDF10	LU09688	ENHANCEMENT: CXX/LXX/FXX RENAMING FOR LINEAR VSAM SUPPORT	PTF
	LU09872	ENHANCEMENT: COPYRIGHT CHANGES	PTF
	LU10008	DB00229E FATAL INTERNAL ERROR JOB TERMINATED - IDS	*HIP/PRP*
	LU10013	MESSAGE DB00152I NOT ISSUED, INCORRECT STEP NUMBERS WITH CCI	PTF
	LU10121	DBSQLPR MISSING ROWS WITH CCI WHEN TASK SIZE IS GREATER 32K	PTF
	LU10206	QUERY OF DIR_DIRECTORY SHOWS CXX_VERSION 00.0 AFTER LU07758	** PRP **
The CA RS 2306 service count for this FMID is 6			

Datacom DB Core
CA RS 2306 Service List for CAVEF10

FMID	Service	Description	Type
CAVEF10	LU09211	NESTED VIEW WITH GROUP BY CAUSES MUF ABEND OR OTHER ERRORS	PTF
	LU09720	ENHANCEMENT TO FACILITATE THE USE OF SQL CONSTRAINTS	PTF
	LU09945	SUPPORT ALTER TABLE MODIFY DEFAULT NONE	PTF
	LU10056	ALLOW FASTER JOIN WITH MISSING ON CLAUSE	PTF
	LU10078	INVALID DBSQLPR OUTPUT WITH SPECIAL CHARACTERS IN COLUMN 1	PTF
	LU10106	TYPO IN CREATE VIEW STATEMENT FOR SYSCONSTR_FOREIGNKEY_VIEW	** PRP **
The CA RS 2306 service count for this FMID is 6			

Service	Details
LU09211	LU09211 M.C.S. ENTRIES = ++PTF (LU09211) REWORK(2023123) NESTED VIEW WITH GROUP BY CAUSES MUF ABEND OR OTHER ERRORS PROBLEM DESCRIPTION: A view with GROUP BY that is used in another view, i.e. is a nested view, is not prepared correctly. SYMPTOMS: MUF may abend or the query return the wrong result. IMPACT: The impact varies from a MUF ABEND to wrong results returned. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAACOM SQL Release 15.1 Related Problem: SQL 19358 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01140-DCM151 DESC(NESTED VIEW WITH GROUP BY CAUSES MUF ABEND OR OTHER ERRORS). ++VER (Z038) FMID (CAVEF10) PRE (LU00065 LU00985 LU00988 LU01216 LU02878 LU03281 LU03984 LU04449 LU05024 LU05231 LU06158 LU07060 LU07179 LU07380 LU08004 LU08617 LU09054 R090216 R090826 R095352 R095978 S000890 S001886 S004034 S004197 S005190 S005343 S005935 S006396 S007468 S007544 S008017 S008336 S008452 S010328 S010335 S011326 S011629 S012497 S012861 S013742 S013992 S014297 S014825) SUP (AR90216 AR90826 AS05190 AS14825 DC92212 LT00056 LT01082 LT01153 LT06895 LT07062 LT08798 LT09211 LU00056 LU01082 LU01153 LU08798 R089521 R091930 R092282 R095609 R099972 S005352 S006750 S013544 S014369 S015224 ST05352 ST06750 ST08489 ST10151 ST10304 ST13544 ST14369 ST15224 TR89521 TR91930 TR92282 TR95609 TR99972)

Service	Details
LU09688	LU09688 M.C.S. ENTRIES = ++PTF (LU09688) REWORK(2023144) ENHANCEMENT: CXX/LXX/FXX RENAMING FOR LINEAR VSAM SUPPORT ENHANCEMENT DESCRIPTION: This enhancement supports the adoption of Linear VSAM Datasets by letting database administrators specify the names of the CXX (Directory), LXX (LOG Area) and FXX (Force Area) independently. It provides greater flexibility in naming these system files by allowing independent overrides of the DBSYSID macro parameter DSN_XXX. There are three new parameters for this macro, which generates the DBSIDPR system identification module. The new parameters are: DSN_CXX= DSN_LXX= DSN_FXX= These new parameters are used to override the dataset names specified via the DBSYSID parameter DSN_XXX and are only valid if that parameter is coded. For details regarding the dataset name overrides please refer to the documentation update pointed to in the HOLDDATA of this enhancement solution. PRODUCT(S) AFFECTED: DATAKOM/DB Release 15.1 Related Problem: DB 20110 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01153-DCM151 DESC (ENHANCEMENT: CXX/LXX/FXX RENAMING FOR LINEAR VSAM SUPPORT). ++VER (Z038) FMID (CABDF10) PRE (LU00071 LU00290 LU01266 LU01370 LU01916 LU02338 LU02807 LU03183 LU03700 LU03981 LU04345 LU04745 LU04772 LU04999 LU05611 LU05861 LU07312 LU07865 LU08669 R088469 R090276 R090486 R090903 R091015 R091632 R092259 R092858 R093647 R094095 R095915 R096260 R097626 R097818 R098926 R099171 R099532 R099738 R099997 S001597 S003799 S005129 S005964 S006365 S006748 S007233 S007900 S008500 S009683 S010697 S013398 S013716 S013882 S014079 S015187) SUP (AL00071 AL04999 LT00172 LT02134 LT06026 LT07172 LT07941 LT08897 LT09688 LU00172 LU02134 LU06026 LU07172 LU07941 LU08897 R090535 R096204 R098085 S001230 S005492 S005962 S006676 S006715 S008697 S008775 S010617 S010624 S012809 S013740 S014115 S014951 ST01230 ST04618 ST05492 ST05961 ST05962 ST06150 ST06516 ST06676 ST06715 ST08697 ST08775 ST10617 ST10624 ST12809 ST13740 ST14115 ST14951 TR90535 TR96204 TR98085) ++HOLD (LU09688) SYSTEM FMID(CABDF10) REASON (DOC) DATE (23144) COMMENT (<pre> +-----+ DATACOM/DB Release 15.1 +-----+ ***** * PUBLICATION * ***** Documentation for the DSN_CXX, DSN_LXX, and DSN_FXX changes included in </pre>

Datacom DB Core 15.1
CA RS 2306 - PTF LU09688 Details

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Service	Details
	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: <a href="https://techdocs.broadcom.com/us/en/ca-mainframe-software/
database-management/ca-datacom/15-1/
release-notes/ca-datacom-features.html">https://techdocs.broadcom.com/us/en/ca-mainframe-software/ database-management/ca-datacom/15-1/ release-notes/ca-datacom-features.html) .

Service	Details																																						
LU09720	LU09720 M.C.S. ENTRIES = ++PTF (LU09720) REWORK(2023125) ENHANCEMENT TO FACILITATE THE USE OF SQL CONSTRAINTS ENHANCEMENT DESCRIPTION: This enhancement provides the user with tools that help to - obtain the information about SQL constraints - from new views - SYSADM.SYSCONSTR_FOREIGNKEY_VIEW and SYSADM.SYSCONSTR_FOREIGNKEY_VIEW; - determine CONFIRM order without using external tools - from updated ERR166_TBL_CHECK_PENDING and ERR249_REF_TBL_IN_CHECK error messages in PXXSQL; - from SQL_STATUS_CHECK_PENDING DST. PRODUCT(S) AFFECTED: DATACOM SQL Release 15.1 Related Problem: SQL 19439 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01136-DCM151 DESC(ENHANCEMENT TO FACILITATE THE USE OF SQL CONSTRAINTS). ++VER (Z038) FMID (CAVEF10) PRE (LU00981 LU00985 LU01216 LU02878 LU03281 LU03984 LU05024 LU05231 LU06158 LU07060 LU07179 LU08004 LU09054 LU09211 RO90216 RO90826 RO95978 S000890 S001886 S004034 S004197 S005935 S006238 S006402 S007468 S007544 S008017 S008336 S011326 S011629 S014825) SUP (AR90826 AS14825 BC92212 DC92212 LT00056 LT01153 LT06895 LT07062 LT08798 LT08984 LT09720 LU00056 LU01153 LU08798 RO88617 RO90156 RO95609 RO96797 RO99972 S005352 S013739 S014369 ST05352 ST13739 ST14369 TR88617 TR90156 TR95609 TR96797 TR99972) ++HOLD (LU09720) SYSTEM FMID(CAVEF10) REASON (ACTION) DATE (23125) COMMENT (<table border="1"> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> </td><td>DATACOM SQL Release 15.1</td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> SEQUENCE</td><td> After Apply</td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> PURPOSE</td><td> SAMPS JCL in SQLHCCHP needs to be executed to create</td> </tr> <tr> <td> </td><td> table SQL_STATUS_CHECK_PENDING and views SYSCONSTR_VIEW</td> </tr> <tr> <td> </td><td> and SYSCONSTR_FOREIGNKEY_VIEW.</td> </tr> <tr> <td> </td><td> </td> </tr> <tr> <td> </td><td> If this job ends with RC=8, run SAMPS JCL in SQLHSCRE</td> </tr> <tr> <td> </td><td> (provided in LU05231) to create DBID 1016, and then</td> </tr> <tr> <td> </td><td> re-run JCL in SQLHCCHP.</td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> USERS</td><td> All users.</td> </tr> <tr> <td> AFFECTED</td><td> </td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> <tr> <td> KNOWLEDGE</td><td> Product administration.</td> </tr> <tr> <td> REQUIRED</td><td> </td> </tr> <tr> <td colspan="2">+-----+-----+</td> </tr> </table>	+-----+-----+			DATACOM SQL Release 15.1	+-----+-----+		SEQUENCE	After Apply	+-----+-----+		PURPOSE	SAMPS JCL in SQLHCCHP needs to be executed to create		table SQL_STATUS_CHECK_PENDING and views SYSCONSTR_VIEW		and SYSCONSTR_FOREIGNKEY_VIEW.				If this job ends with RC=8, run SAMPS JCL in SQLHSCRE		(provided in LU05231) to create DBID 1016, and then		re-run JCL in SQLHCCHP.	+-----+-----+		USERS	All users.	AFFECTED		+-----+-----+		KNOWLEDGE	Product administration.	REQUIRED		+-----+-----+	
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KNOWLEDGE	Product administration.																																						
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Service	Details
	<pre> ACCESS Product libraries. REQUIRED +-----+-----+ ***** * STEPS TO PERFORM * ***** 1. Execute SAMPS JCL in SQLHCCHP to create table SQL_STATUS_CHECK_PENDING and views SYSCONSTR_VIEW and SYSCONSTR_FOREIGNKEY_VIEW. 2. If step 1 ends with RC=8, do the following: 2.1. Execute SAMPS JCL in SQLHSCRE (provided in LU05231) to create DBID 1016 2.2. Execute SAMPS JCL in SQLHCCHP.). ++HOLD (LU09720) SYSTEM FMID(CAVEF10) REASON (DOC) DATE (23125) COMMENT (+-----+-----+ DATACOM SQL Release 15.1 +-----+-----+ ***** * PUBLICATION * ***** Documentation to facilitate the use of SQL constraints icluded 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/ ca-datacom/15-1/reference/system-tables-reference/sql-tables/ sql-status-tables/sql-status-check-pending-chp.html https://techdocs.broadcom.com/us/en/ca-mainframe-software/ ca-datacom/15-1/reference/system-tables-reference/sql-tables/ schema-information-tables-sit/sit-views.html). </pre>

Service	Details
LU09872	LU09872 M.C.S. ENTRIES = ++PTF (LU09872) REWORK(2023138) ENHANCEMENT: COPYRIGHT CHANGES ENHANCEMENT DESCRIPTION: This product enhancement delivers updated code changes needed to support transitioning to the newer Broadcom Copyright. PRODUCT(S) AFFECTED: DATAACOM/DB Release 15.1 Related Problem: DB 19362 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01159-DCM151 DESC(ENHANCEMENT: COPYRIGHT CHANGES). ++VER (Z038) FMID (CABDF10) PRE (LU00189 LU00290 LU01370 LU01689 LU01916 LU02338 LU02807 LU03700 LU03981 LU04668 LU04999 LU05809 LU05861 LU07312 LU07677 LU07865 LU09582 R088469 R088863 R090486 R090903 R091015 R091404 R091632 R092259 R092858 R093647 R094095 R095667 R096499 R097526 R097757 R099171 R099997 S001215 S003799 S003941 S005882 S006692 S006957 S007190 S007233 S007900 S009474 S010748 S011247 S011678 S011975 S012203 S012932 S013156 S013882 S014507 S015187) SUP (AR97757 AS11247 LT01302 LT04872 LT06500 LT08723 LT09830 LT09872 LU01302 LU04872 LU06500 LU08723 R095833 R096403 R096568 R097343 R099067 R099100 S005131 S008749 S011501 S011571 S014070 S015912 S016049 ST05131 ST08749 ST11501 ST11571 ST14070 ST15912 ST16049 TR95833 TR96403 TR96568 TR97343 TR99067 TR99100 VC90081)

Service	Details
LU09945	LU09945 M.C.S. ENTRIES = ++PTF (LU09945) REWORK(2023139) SUPPORT ALTER TABLE MODIFY DEFAULT NONE ENHANCEMENT DESCRIPTION: This enhancement provides the user with ability to drop the current default value set for a column in a table using ALTER TABLE MODIFY command. If default value is not set, the query is rejected with SQLCODE(-592) and message 'DEFAULT VALUE DOES NOT EXIST FOR COLUMN'. Syntax: ALTER TABLE <tablename> MODIFY <columnname> DEFAULT NONE Example: ALTER TABLE EMPLOYEE_TBL MODIFY CITY DEFAULT NONE ; PRODUCT(S) AFFECTED: DATAACOM SQL Release 15.1 Related Problem: SQL 20191 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01168-DCM151 DESC(SUPPORT ALTER TABLE MODIFY DEFAULT NONE). ++VER (Z038) FMID (CAVEF10) PRE (LU00985 LU00988 LU01216 LU02152 LU03281 LU03773 LU03984 LU06017 LU06158 LU06911 LU07179 LU07736 LU07823 LU08413 LU08740 R090155 R090826 R097131 S001886 S004243 S005243 S005343 S005935 S006396 S006440 S006473 S007544 S008452 S008801 S009437 S010328 S010335 S011629 S012497 S013742 S014147 S014725 S015165 S015755) SUP (AL00988 AS06174 AS13742 IC92212 LT01046 LT01249 LT02371 LT09896 LT09945 LU01046 LU01249 R094696 R099964 S000426 S004927 S006174 S006999 S013055 S014423 S014667 ST00426 ST04927 ST06174 ST06999 ST13055 ST14423 ST14667 TR94696 TR99964)

Service	Details
LU10008	LU10008 M.C.S. ENTRIES = ++PTF (LU10008) REWORK(2023132) DB00229E FATAL INTERNAL ERROR JOB TERMINATED - IDS PROBLEM DESCRIPTION: The Datacom/DB Multi-User Facility (MUF) can abend with a "fatal internal error" in module DBIDSPR at or near offset X'5862'. This can occur when both the following are true: 1. The index resides in a private buffer pool using the BUFFER_POOL_INDEX option. 2. The number of buffers in the MUF is very large. This abend is not common. SYMPTOMS: MUF aborts with the following message: DB00229E FATAL INTERNAL ERROR JOB TERMINATED - IDS-nnnn where nnnn is a variable offset depending upon the MUF maintenance level. IMPACT: There is a MUF outage. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAACOM/DB Release 15.1 Related Problem: DB 20322 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01169-DCM151 DESC(DB00229E FATAL INTERNAL ERROR JOB TERMINATED - IDS) . ++VER (Z038) FMID (CABDF10) PRE (LU00290 LU01266 LU01916 LU02338 LU03070 LU03981 LU04668 R088863 R090903 R091015 R091404 R092441 R097382 R097757 R098604 R099675 R099902 S000074 S004931 S006815 S007496 S008622 S010109 S011247 S011678 S011975 S012203 S013716 S014998) SUP (LT01591 LT05569 LT08219 LT10008 LU01591 LU05569 LU08219 S009219 S010720 S012771 S013090 ST09219 ST10720 ST12771 ST13090 ZC90081)

Service	Details
LU10013	LU10013 M.C.S. ENTRIES = ++PTF (LU10013) REWORK(2023143) MESSAGE DB00152I NOT ISSUED, INCORRECT STEP NUMBERS WITH CCI PROBLEM DESCRIPTION: 1) Message DB00152I provides statistical information to an application when it is disconnecting from the Datacom/DB Multi-User Facility (MUF). The message is only issued when it is activated via startup option or console command MESSAGE YES,DB00152I. But when the application was connected to the MUF using CCI as the communication protocol, the message is not issued even if it was activated. 2) Also with CCI, optional message DB00151I at disconnect time as well as other messages containing a job step number show this number incorrectly as "0". SYMPTOMS: 1) Message DB00152I is not issued when using CCI, even if it was activated. 2) Job step numbers in messages are incorrectly shown as "0". IMPACT: 1) Requested information is not available to an application when disconnecting from the MUF with CCI. 2) Job step numbers in messages are incorrect and misleading. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAKOM/DB Release 15.1 Related Problem: DB 20300 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01170-DCM151 DESC(MESSAGE DB00152I NOT ISSUED, INCORRECT STEP NUMBERS WITH CCI). ++VER (Z038) FMID (CABDF10) PRE (LU03981 S007190 S008394) SUP (LT10013 R092436 TR92436)

Service	Details
LU10056	LU10056 M.C.S. ENTRIES = ++PTF (LU10056) REWORK(2023145) ALLOW FASTER JOIN WITH MISSING ON CLAUSE PROBLEM DESCRIPTION: When INNER or LEFT join syntax is used and no ON clause is specified, the sort-merge and hash join methods are not possible. Example 1: <pre>SELECT * FROM T1 LEFT JOIN T2 LEFT JOIN T3 WHERE T1.COL1 = T2.COL1 AND T2.COL1 = T3.COL1</pre> If an index exists for T2.COL1, an index merge join can now be used; else a hash join can now be used. Before, only a slower nested-loop join could be used. Example 2: <pre>SELECT * FROM T1 LEFT JOIN T2 LEFT JOIN T3 ON T1.COL1 = T2.COL1 AND T2.COL1 = T3.COL1</pre> In this example the ON is evaluated only for the T2 LEFT T3 join and the T1 LEFT T2 join is a full cross-product! This should be rewritten as: <pre>SELECT * FROM T1 LEFT JOIN T2 ON T1.COL1 = T2.COL1 LEFT JOIN T3 ON T2.COL1 = T3.COL1</pre> SYMPTOMS: The query executes slower than it could. IMPACT: The query can run slower than it could. CIRCUMVENTION: Move join predicates to an ON clause for each join, or use comma-separated syntax. PRODUCT(S) AFFECTED: DATAKOM SQL Release 15.1 Related Problem: SQL 20258 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01171-DCM151 DESC(ALLOW FASTER JOIN WITH MISSING ON CLAUSE). ++VER (Z038) FMID (CAVEF10) PRE (LU00988 LU02152 LU03984 LU06911 LU09945 S001886 S005243 S005343 S006396 S007544 S008452 S009437 S010328 S010335 S011629 S012497 S013742 S015755) SUP (LT09896 LT10056 R094696 S004927 S014667 ST04927 ST14667 TR94696)

Service	Details
LU10078	LU10078 M.C.S. ENTRIES = ++PTF (LU10078) REWORK(2023130) INVALID DBSQLPR OUTPUT WITH SPECIAL CHARACTERS IN COLUMN 1 PROBLEM DESCRIPTION: When a text column requires multiple lines to print it, and the first column is a special character (new line, tab, shift in/out, etc.) the special character is not replaced by a space. Certain of these special characters terminate the line, and then the remaining portion of the line is printed on the next print line. Each line should begin with the current offset, so the format of the printing is not correct. SYMPTOMS: The output with this data condition is not correct. IMPACT: The output with this data condition is not correct. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAKOM SQL Release 15.1 Related Problem: SQL 20395 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01172-DCM151 DESC(INVALID DBSQLPR OUTPUT WITH SPECIAL CHARACTERS IN COLUMN 1). ++VER (Z038) FMID (CAVEF10) PRE (LU03773 LU03984 LU05950) SUP (CC92212 LT02404 LT06772 LT09204 LT10078 LU02404 LU06772 LU09204 R097236 R099969 S007461 S009190 S010586 S012504 S013093 S013892 ST01846 ST04929 ST07461 ST07727 ST09190 ST10586 ST12504 ST13093 ST13892 TR90841 TR97236 TR99969)

Service	Details
LU10106	LU10106 M.C.S. ENTRIES = ++PTF (LU10106) REWORK(2023129) TYPO IN CREATE VIEW STATEMENT FOR SYSCONSTR_FOREIGNKEY_VIEW PROBLEM DESCRIPTION: A typo in CREATE VIEW statement: incorrect column name iNO1 is used instead of CN01. SYMPTOMS: An attempt to execute CREATE VIEW statement ends with SQLCODE = -34 and MESSAGE = ILLEGAL CORRELATION NAME INO1. IMPACT: View SYSCONSTR_FOREIGNKEY_VIEW cannot be created. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATAACOM SQL Release 15.1 Related Problem: SQL 20413 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01174-DCM151 DESC(TYPO IN CREATE VIEW STATEMENT FOR SYSCONSTR_FOREIGNKEY_VIEW). ++VER (Z038) FMID (CAVEF10) PRE (LU03984 LU09720) SUP (AL09720 LT10106)

Service	Details
LU10121	LU10121 M.C.S. ENTRIES = ++PTF (LU10121) REWORK(2023131) DBSQLPR MISSING ROWS WITH CCI WHEN TASK SIZE IS GREATER 32K PROBLEM DESCRIPTION: With CCI as the communication protocol between the application and the Datacom/DB Multi-User Facility (MUF), an SQL query using DBSQLPR may not return all eligible rows. In addition, some rows may be returned corrupted with garbaged data. This can occur when MUF startup option TASKS specifies a task area extension size of 32K or more. SYMPTOMS: The DBSQLPR query output may show fewer than the actual number of rows that should have been returned. It is also possible that some of the returned rows contain incorrect, nonsensical data. IMPACT: The DBSQLPR report shows an inaccurate number of rows and some of the rows returned may have garbaged contents. CIRCUMVENTION: If possible, using a task extension size less than 32K provides a circumvention. PRODUCT(S) AFFECTED: DATAKOM/DB Release 15.1 Related Problem: DB 20392 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01175-DCM151 DESC(DBSQLPR MISSING ROWS WITH CCI WHEN TASK SIZE IS GREATER 32K). ++VER (Z038) FMID (CABDF10) PRE (LU03981 S008394) SUP (LT10121 S007034 ST07034)

Service	Details
LU10193	LU10193 M.C.S. ENTRIES = ++PTF (LU10193) REWORK(2023145) DSF NSAE ERROR ON SQL CREATE TABLE PROBLEM DESCRIPTION: After LU00472, a primary key that is built when a SQL CREATE TABLE is processed has an invalid SQLNAME. SQLNAME for a primary key should be the key's DATACOM-NAME followed by an underscore character followed by the concatenation of the DATACOM-NAME of the table and the DATACOM-ID of the database in which the key is defined. SYMPTOMS: A table created using SQL will have a Primary Key SQLNAME that does not contain the correct information. The TABLE DATACOM-NAME or the DBID portions of the SQLNAME are the usual anomalies. These values were populated using an incorrect parent Table information. IMPACT: All tables created via SQL since the publication of PTF LU00472 may have a primary key with an invalid SQLNAME. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: DATACOM DATADITIONARY Release 15.1 Related Problem: DD 20472 (C) 2023 Broadcom Inc and/or its subsidiaries; All rights reserved R01178-DCM151 DESC(DSF NSAE ERROR ON SQL CREATE TABLE). ++VER (Z038) FMID (CAADF10) PRE (LU00472 LU03979 R095097 R098231) SUP (AL00472 LT01259 LT02318 LT10193 LU01259 LU02318 R090950 SO14851 ST14851 TR90950)

Service	Details	
LU10206	LU10206 M.C.S. ENTRIES = ++PTF (LU10206) REWORK(2023138)	
	QUERY OF DIR_DIRECTORY SHOWS CXX_VERSION 00.0 AFTER LU07758	
	PROBLEM DESCRIPTION:	
	After applying PTF LU07758, a query of Dynamic System Table DIR.DIRECTORY shows CXX_VERSION as "00.0" in error.	
	SYMPTOMS:	
	CXX_VERSION is reported incorrectly as "00.0".	
	IMPACT:	
	The result of the query is incorrect and misleading.	
	CIRCUMVENTION:	
	None.	
	PRODUCT(S) AFFECTED:	
	DATAACOM/DB	
	Release 15.1	
	Related Problem:	
	DB 20458	
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	R01180-DCM151	
	DESC(QUERY OF DIR_DIRECTORY SHOWS CXX_VERSION 00.0 AFTER LU07758).	
	++VER (Z038)	
	FMID (CABDF10)	
PRE (LU03981 LU07758 R093251 S011244 S015152)		
SUP (AL07758 LT04979 LT10206 LU04979)		
MCS	LU09211	STARTS ON PAGE 0002
MCS	LU09688	STARTS ON PAGE 0003
MCS	LU09720	STARTS ON PAGE 0005
MCS	LU09872	STARTS ON PAGE 0007
MCS	LU09945	STARTS ON PAGE 0008
MCS	LU10008	STARTS ON PAGE 0009
MCS	LU10013	STARTS ON PAGE 0011
MCS	LU10056	STARTS ON PAGE 0012
MCS	LU10078	STARTS ON PAGE 0013
MCS	LU10106	STARTS ON PAGE 0014
MCS	LU10121	STARTS ON PAGE 0015
MCS	LU10193	STARTS ON PAGE 0015
MCS	LU10206	STARTS ON PAGE 0016

Datacom DB Core 15.1
CA RS 2306 Product/Component Listing

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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 2306 Product/Component Count for this release is 7		

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
CAR2205	LU05487	CAADF10
	LU05469	CAADF10
	LU05374	CAADF10
	LU05261	CABDF10
	LU05231	CAVEF10
	LU05172	CABDF11
	LU05105	CABDF10
	LU05049	CAADF10
	LU04745	CABDF10
CAR2204	LU05180	CABDF10
	LU05174	CABDF10
	LU05134	CABDF10
	LU05024	CAVEF10
	LU04994	CABDF10

CA RS Level	Service	FMID
	LU04979	CABDF10
	LU04920	CADQF10
	LU04872	CABDF10
	LU04772	CABDF10
	LU04558	CABDF10
	LU04537	CADQF10
	LU04449	CAVEF10
	LU01844	CABDF10
CAR2203	LU04672	CABDF10
	LU04668	CABDF10
	LU04590	CAVEF10
	LU04574	CAADF10
	LU04569	CABDF10
	LU04513	CAVEF10
	LU04510	CABDF10
	LU04456	CAVEF10
	LU04345	CABDF10
	LU03773	CAVEF10
CAR2202	LU04183	CAADF10
	LU04166	CABDF10
	LU03914	CAVEF10
	LU03833	CAADF10
	LU03776	CABDF10
	LU03534	CADQF10
	LU03028	CABDF10
	LU02919	CABDF10
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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
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	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
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	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
	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

CA RS Level	Service	FMID
	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
	S008913	CAADF10
	S008889	CAVEF10
	S008801	CAVEF10
	S008749	CABDF10
	S008622	CABDF10
	S008452	CAVEF10
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	S008926	CABDF10
	S008775	CABDF10
	S008697	CABDF10
	S008685	CABDF10
	S008602	CABDF10
	S008590	CABDF10

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
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	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
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	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

CA RS Level	Service	FMID
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	S005665	CABDF10
	S005617	CABDF10
	S005600	CAVEF10
	S005597	CABDF10
	S005583	CABDF10
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	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
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	S005131	CABDF10
	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

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
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
	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	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
	R088479	CAVEF10
	R088475	CAVEF10
	R088469	CABDF10