

CA Datacom/AD 15.1
CA RS 2101 Service List

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Service	Description	Type
S015152	ENHANCEMENT: ADD INDEX_FORMAT TO DIR_INDEX DST, CODE	PTF
S015187	ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_DATA	PTF
S015243	ENHANCEMENT: ADD INDEX_FORMAT TO DIR_INDEX DST, BTG	PTF
S015552	MEMORY LEAK WITH BLOCKED GETIT PROCESSING	PTF
S015724	INCORRECT ERROR DDPDE20001 MODELING VARIABLE LENGTH TABLE	PTF
S015728	NEW FORMAT ELEMENTS ADDED TO THE TO_DATE SCALAR FUNCTION	PTF
S015755	MAKE ALL LIKE PREDICATES RQAABLE TO EVALUATE FROM THE INDEX	PTF
S015827	ENHANCEMENT TO ADD DYNAMIC SQL CURSORS TO SOURCE CACHE	PTF
S015862	RC 13(71) FOR DATA AREAS USING DF_DS_OP MUF STARTUP OPTION	PTF
S015866	SOC4 ABEND STMTPRP +004340	PTF
S015889	SQLCODE -300 INSERT USING DYNAMIC SQL AFTER S015827	** PRP **
S015912	MESSAGES DB02903I AND DB2904I TRUNCATED	PTF
S015947	ENHANCEMENT: BTG1000 WITH RECENT DST CHANGES	PTF
S016006	DBUTLTY SOC4 IN MODULE DBOP1PR AT OR NEAR OFFSET 4E32	*HIP/PRP*
S016036	ENHANCEMENT: ADD INDEX_FORMAT TO DIR_INDEX DST, BTG	PTF
The CA RS 2101 service count for this release is 15		

CA Datacom/AD
CA RS 2101 Service List for CAADF10

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FMID	Service	Description	Type
CAADF10	S015724	INCORRECT ERROR DDPDE20001 MODELING VARIABLE LENGTH TABLE	PTF
The CA RS 2101 service count for this FMID is 1			

CA Datacom/AD
CA RS 2101 Service List for CABDF10

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FMID	Service	Description	Type
CABDF10	S015152	ENHANCEMENT: ADD INDEX_FORMAT TO DIR_INDEX DST, CODE	PTF
	S015187	ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_DATA	PTF
	S015243	ENHANCEMENT: ADD INDEX_FORMAT TO DIR_INDEX DST, BTG	PTF
	S015552	MEMORY LEAK WITH BLOCKED GETIT PROCESSING	PTF
	S015862	RC 13(71) FOR DATA AREAS USING DF_DS_OP MUF STARTUP OPTION	PTF
	S015912	MESSAGES DB02903I AND DB2904I TRUNCATED	PTF
	S015947	ENHANCEMENT: BTG1000 WITH RECENT DST CHANGES	PTF
	S016006	DBUTLTY SOC4 IN MODULE DBOP1PR AT OR NEAR OFFSET 4E32	*HIP/PRP*
	S016036	ENHANCEMENT: ADD INDEX_FORMAT TO DIR_INDEX DST, BTG	PTF
The CA RS 2101 service count for this FMID is 9			

CA Datacom/AD
CA RS 2101 Service List for CAVEF10

FMID	Service	Description	Type
CAVEF10	SO15728	NEW FORMAT ELEMENTS ADDED TO THE TO_DATE SCALAR FUNCTION	PTF
	SO15755	MAKE ALL LIKE PREDICATES RQAABLE TO EVALUATE FROM THE INDEX	PTF
	SO15827	ENHANCEMENT TO ADD DYNAMIC SQL CURSORS TO SOURCE CACHE	PTF
	SO15866	SOC4 ABEND STMTPRP +004340	PTF
	SO15889	SQLCODE -300 INSERT USING DYNAMIC SQL AFTER SO15827	** PRP **
The CA RS 2101 service count for this FMID is 5			

Service	Details
SO15152	SO15152 M.C.S. ENTRIES = ++PTF (SO15152) ENHANCEMENT: ADD INDEX_FORMAT TO DIR_INDEX DST, CODE ENHANCEMENT DESCRIPTION: This product enhancement delivers code which provides support for the new INDEX_FORMAT column in the DIR_INDEX Dynamic System Table (DST). It also provides support for a new method of cataloging changes to a Dynamic System Table's definition without closing the entire DST database. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5689 Copyright (C) 2020 CA. All rights reserved. R00795-DCM151-SP2 DESC(ENHANCEMENT: ADD INDEX_FORMAT TO DIR_INDEX DST, CODE). ++VER (Z038) FMID (CABDF10) PRE (R088530 R088863 R090486 R090903 R091632 R092259 R092858 R093251 R093647 R094783 R098059 R099997 S003879 S004565 S005708 S006692 S009474 S009683 S011244 S012178 S013398 S013594 S013716) SUP (R095600 R096617 R096821 R097674 R098086 S001804 S005383 S006551 S006945 S007425 S008444 S014359 ST01804 ST05383 ST06551 ST06945 ST07329 ST07425 ST08444 ST14359 ST15152 TR95600 TR96617 TR96821 TR97674 TR98086) ++IF FMID(CAADF10) REQ(S014851) . ++HOLD (SO15152) SYSTEM FMID(CABDF10) REASON (DOC) DATE (20337) COMMENT (+-----+ CA Datacom/DB Release 15.1 +-----+ ***** * PUBLICATION * ***** Documentation for the DST changes included in this solution can be found in the Datacom Core - 15.1 TechDocs space, which can be found at the following link by carefully removing the imbedded blanks it contains: https://techdocs.broadcom.com/us/en/ca-mainframe-software/ database-management/ca-datacom/15-1/ release-notes-and-product-information/ca-datacom-features.html).

CA Datacom/AD 15.1
CA RS 2101 - PTF SO15187 Details

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Service	Details
SO15187	SO15187 M.C.S. ENTRIES = ++PTF (SO15187) ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_DATA ENHANCEMENT DESCRIPTION: This product enhancement delivers code which provides early validation support for a new Buffer Pool by Area capability. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5678 Copyright (C) 2020 CA. All rights reserved. R00800-DCM151-SP2 DESC (ENHANCEMENT: VALIDATION SITE TESTING OF BUFFER_POOL_DATA) . ++VER (Z038) FMID (CABDF10) PRE (R088469 R088530 R088863 R090075 R090276 R090486 R090903 R091015 R091404 R091632 R092259 R092858 R093251 R093647 R094001 R094095 R094280 R094783 R095667 R095915 R096260 R096447 R096499 R096769 R097382 R097626 R097818 R098683 R098926 R099171 R099532 R099738 R099997 S000007 S001184 S001215 S001597 S003799 S003941 S005129 S005882 S005964 S006365 S006692 S006748 S007233 S007519 S007835 S007900 S008500 S009474 S009683 S010082 S010748 S011247 S011678 S011951 S011975 S012203 S012932 S013156 S013162 S013398 S013716 S013882 S014067 S014079 S014507 S015186) SUP (AS01215 AS08152 BC90081 R093450 R095833 R096568 R096806 R097343 R099067 S001230 S001837 S003770 S003866 S004783 S005131 S005206 S005492 S006422 S006519 S006676 S007530 S008152 S008488 S008697 S008749 S008775 S009270 S010373 S011501 S013463 S014070 S014115 S014169 ST01230 ST01837 ST03768 ST03770 ST03866 ST04783 ST05131 ST05206 ST05492 ST06422 ST06519 ST06676 ST07530 ST08152 ST08488 ST08697 ST08749 ST08775 ST09270 ST10373 ST11501 ST13463 ST14070 ST14115 ST14169 ST15187 TR93450 TR95833 TR96568 TR96806 TR97343 TR99067 VC90081)

Service	Details
SO15243	SO15243 M.C.S. ENTRIES = ++PTF (SO15243) ENHANCEMENT: ADD INDEX_FORMAT TO DIR_INDEX DST, BTG ENHANCEMENT DESCRIPTION: This product enhancement delivers a BTG member which provides support for the new INDEX_FORMAT and GENERATION columns in the DIR_INDEX Dynamic System Table. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5698 Copyright (C) 2020 CA. All rights reserved. R00802-DCM151-SP2 DESC(ENHANCEMENT: ADD INDEX_FORMAT TO DIR_INDEX DST, BTG). ++VER (Z038) FMID (CABDF10) SUP (ST15243) ++HOLD (SO15243) SYSTEM FMID(CABDF10) REASON (ACTION) DATE (20339) COMMENT (<pre> +-----+ CA Datacom/DB Release 15.1 +-----+-----+ SEQUENCE After Apply +-----+-----+ PURPOSE Two new columns are being added to the DIR_INDEX Dynamic System Table, to provide additional information. +-----+-----+ USERS AFFECTED All users. +-----+-----+ KNOWLEDGE REQUIRED Database Administration. +-----+-----+ ACCESS REQUIRED Ability to run CXXMAINT and DDUPDATE. +-----+-----+ ***** * STEPS TO PERFORM * ***** This solution requires: 1. Run the following CXXMAINT to delete the old table definition: CXXMAINT OPTION=DELETEOP,DBID=1000,TABLE=DRI 2. Followed by a DDUPDATE to catalog the new definition using the BTGDRI downloaded member as input to the SYSIN. The DIR_INDEX table must be closed while this process runs. An example and details can be found in the "System Tables Reference" in the Datacom Core - 15.1 TechDocs space. Apply this SYSMOD using 'BYPASS(HOLDSYSTEM(ACTION))'. This process can be run at your convenience, as the existing </pre>

CA Datacom/AD 15.1
CA RS 2101 - PTF SO15243 Details

Service	Details
	DIR_INDEX table's prior definition continues to function and return data, without the addition of the new columns.).

Service	Details						
SO15552	SO15552 M.C.S. ENTRIES = ++PTF (SO15552) MEMORY LEAK WITH BLOCKED GETIT PROCESSING PROBLEM DESCRIPTION: A CA Datacom/DB application performing sequential processing with a blocked GETIT buffer can incur a memory leak in its address space if the size of the buffer (URT parameter GETBLK) is specified with a value greater than the task area extension size defined in the TASKS startup option of the CA Datacom/DB Multi-User Facility (MUF). The problem becomes manifest only in the unlikely event that the application is performing many OPEN and CLOSE requests involving freeing and re-acquiring the buffer. In this case, the application may ultimately run out of memory and abend with an S878. SYMPTOMS: The application abends with code S878. IMPACT: The application fails. CIRCUMVENTION: Specifying URT parameter GETBLK with a size less or equal to the task area extension size in MUF can provide a circumvention. PRODUCT(S) AFFECTED: <table> <tr> <td>CA Datacom/DB</td><td>Release 14.0</td></tr> <tr> <td>CA Datacom/DB</td><td>Version 15.0</td></tr> <tr> <td>CA Datacom/DB</td><td>Release 15.1</td></tr> </table> Related Problem: DB 5701 Copyright (C) 2020 CA. All rights reserved. R00812-DCM151-SP2 DESC(MEMORY LEAK WITH BLOCKED GETIT PROCESSING). ++VER (Z038) FMID (CABDF10) PRE (R088469 R090182 R092243 R094001 R094095 R096499 S006133 S011513 S013594) SUP (AS00629 AS09610 R091254 R094902 R096313 R097329 S000629 S001443 S004151 S007733 S009610 S009835 ST00629 ST01443 ST04151 ST07733 ST09610 ST09835 ST15552 TR91254 TR94902 TR96313 TR97329)	CA Datacom/DB	Release 14.0	CA Datacom/DB	Version 15.0	CA Datacom/DB	Release 15.1
CA Datacom/DB	Release 14.0						
CA Datacom/DB	Version 15.0						
CA Datacom/DB	Release 15.1						

Service	Details				
SO15724	SO15724 M.C.S. ENTRIES = ++PTF (SO15724) INCORRECT ERROR DDPDE20001 MODELING VARIABLE LENGTH TABLE PROBLEM DESCRIPTION: Attempting to model a variable length table via DDUPDATE 1000 MODEL, and ENCRYPTION-TYPE on the source table is not 'N', results in error: DDPDE20001 ENCRYPTION NOT ALLOWED FOR VAR TBL. The message will now be: DDPNYS0210 INTERNAL - NOT YET SUPPORTED. SYMPTOMS: Error message DDPDE20001 ENCRYPTION NOT ALLOWED FOR VAR TBL IMPACT: Misleading error message. CIRCUMVENTION: None. 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 2214 Copyright (C) 2020 CA. All rights reserved. R00816-DCM151-SP2 DESC(INCORRECT ERROR DDPDE20001 MODELING VARIABLE LENGTH TABLE). ++VER (Z038) FMID (CAADF10) PRE (R091196 R097868) SUP (R096537 R098170 S004157 S015651 ST04157 ST15651 ST15724 TR96537 TR98170)	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
SO15728	SO15728 M.C.S. ENTRIES = ++PTF (SO15728) NEW FORMAT ELEMENTS ADDED TO THE TO_DATE SCALAR FUNCTION ENHANCEMENT DESCRIPTION: This enhancement adds support for new format elements to the TO_DATE function. Format Related components Description element of a timestamp ----- MONTH Month Name of the month in English, case insensitive. MON Month Abbreviated name of the month in English, case insensitive. DAY None Day of week (Monday,), case insensitive. DY None Abbreviated day of week (Mon,), case insensitive. YYY year Last three digits of the year (000-999). First digit of the current year is used to determine the full 4-digit year. Y year Last digit of the year (0-9). First three digits of the current year are used to determine the full 4-digit year. For DAY and DY format elements, although the day of the week must be spelled correctly, no error is given if it does not agree with the date. EXAMPLES: TO_DATE('1978 May 6 Saturday', 'YYYY MONTH DD DAY') '1978-05-06-00.00.00.000000' TO_DATE('1978 Jan 6 Sat', 'YYYY MON DD DY') '1978-01-06-00.00.00.000000' TO_DATE('123 Jan 6 Sat', 'YYY MON DD DY') '2123-01-06-00.00.00.000000' TO_DATE('4 Jan 6 Sat', 'Y MON DD DY') '2024-01-06-00.00.00.000000' PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2262 Copyright (C) 2020 CA. All rights reserved. R00817-DCM151-SP2 DESC(NEW FORMAT ELEMENTS ADDED TO THE TO_DATE SCALAR FUNCTION). ++VER (Z038) FMID (CAVEF10) PRE (S010335 S012497 S013742 S014147 S015165 S015342) SUP (ST15728) ++HOLD (SO15728) SYSTEM FMID(CAVEF10) REASON (DOC) DATE (20339) COMMENT (-----+ CA Datacom SQL Release 15.1 -----+ ***** * PUBLICATION * *****

Service	Details																									
	This enhancement adds support for new format elements to the TO_DATE function. <table> <tr> <th>Format element</th><th>Related components of a timestamp</th><th>Description</th></tr> <tr> <td colspan="3">-----</td></tr> <tr> <td>MONTH</td><td>Month</td><td>Name of the month in English, case insensitive.</td></tr> <tr> <td>MON</td><td>Month</td><td>Abbreviated name of the month in English, case insensitive.</td></tr> <tr> <td>DAY</td><td>None</td><td>Day of week (Monday,), case insensitive.</td></tr> <tr> <td>DY</td><td>None</td><td>Abbreviated day of week (Mon,), case insensitive.</td></tr> <tr> <td>YYY</td><td>year</td><td>Last three digits of the year (000-999). First digit of the current year is used to determine the full 4-digit year.</td></tr> <tr> <td>Y</td><td>year</td><td>Last digit of the year (0-9). First three digits of the current year are used to determine the full 4-digit year.</td></tr> </table> For DAY and DY format elements, although the day of the week must be spelled correctly, no error is given if it does not agree with the date. EXAMPLES: <pre>TO_DATE('1978 May 6 Saturday', 'YYYY MONTH DD DAY') '1978-05-06-00.00.00.000000' TO_DATE('1978 Jan 6 Sat', 'YYYY MON DD DY') '1978-01-06-00.00.00.000000' TO_DATE('123 Jan 6 Sat', 'YYY MON DD DY') '2123-01-06-00.00.00.000000' TO_DATE('4 Jan 6 Sat', 'Y MON DD DY') '2024-01-06-00.00.00.000000').</pre>		Format element	Related components of a timestamp	Description	-----			MONTH	Month	Name of the month in English, case insensitive.	MON	Month	Abbreviated name of the month in English, case insensitive.	DAY	None	Day of week (Monday,), case insensitive.	DY	None	Abbreviated day of week (Mon,), case insensitive.	YYY	year	Last three digits of the year (000-999). First digit of the current year is used to determine the full 4-digit year.	Y	year	Last digit of the year (0-9). First three digits of the current year are used to determine the full 4-digit year.
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MONTH	Month	Name of the month in English, case insensitive.																								
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Y	year	Last digit of the year (0-9). First three digits of the current year are used to determine the full 4-digit year.																								

Service	Details
SO15755	SO15755 M.C.S. ENTRIES = ++PTF (SO15755) MAKE ALL LIKE PREDICATES RQAABLE TO EVALUATE FROM THE INDEX ENHANCEMENT DESCRIPTION: This enhancement passes LIKE predicates (that are not already converted to a short EQ predicate for a generic search) to the Compound Boolean Selection (CBS) facility where they can be evaluated from the traversal index. Reading the data area is considerably more expensive than the index, so when a large portion of rows are rejected by the LIKE predicate, this can be a big savings in resources. Also, if the LIKE predicate is under an OR, then none of the other predicates under the OR can be passed to CBS. ENHANCEMENT DESCRIPTION: PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2253 Copyright (C) 2020 CA. All rights reserved. R00818-DCM151-SP2 DESC(MAKE ALL LIKE PREDICATES RQAABLE TO EVALUATE FROM THE INDEX) . ++VER (Z038) FMID (CAVEF10) PRE (R090155 R090826 R090854 R092064 R095978 S000890 S001886 S005243 S005343 S005935 S006238 S006396 S006402 S007544 S008452 S009437 S009551 S010328 S010335 S011629 S012497 S013742 S014105 S014725) SUP (AR92064 AS01886 AS07544 AS11629 AS13173 DS11629 EC92212 R088550 R093613 R094696 R096118 R099168 S000902 S004015 S004927 S009994 S011348 S013173 S013526 S014667 S015425 S015527 ST00902 ST04015 ST04927 ST09994 ST10729 ST11348 ST13173 ST13526 ST14667 ST15425 ST15527 ST15755 TR88208 TR88392 TR88550 TR90605 TR92901 TR93613 TR94696 TR96118 TR99168) ++IF FMID(CABDF10) REQ(SO15521) .

Service	Details
SO15827	SO15827 M.C.S. ENTRIES = ++PTF (SO15827) ENHANCEMENT TO ADD DYNAMIC SQL CURSORS TO SOURCE CACHE Enhancement Description: The Source Cache re-uses the cached plan for cursors and insert statements from ODBC/JDBC and DBSQLPR. This enhancement adds cursors from Dynamic SQL PREPARE statements. This not only saves the time to perform a bind, but also allows tuning of the cursor using execution history, as shown in the SQL Monitor. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2256 Copyright (C) 2020 CA. All rights reserved. R00820-DCM151-SP2 DESC(ENHANCEMENT TO ADD DYNAMIC SQL CURSORS TO SOURCE CACHE). ++VER (Z038) FMID (CAVEF10) PRE (R090216 R090826 R092064 R097225 S000890 S001886 S004034 S004197 S004243 S005935 S006238 S006402 S007544 S008336 S009551 S011192 S011629 S014105 S014297 S014578 S014825 S015755) SUP (AR92064 AS01886 EC92212 R093821 R096118 S000902 S004015 S004152 S005417 S011348 ST00902 ST04015 ST04152 ST05417 ST10139 ST11348 ST15827 TR90131 TR92901 TR93821 TR96118)

Service	Details						
SO15862	SO15862 M.C.S. ENTRIES = ++PTF (SO15862) RC 13(71) FOR DATA AREAS USING DF_DS_OP MUF STARTUP OPTION PROBLEM DESCRIPTION: Datacom/DB Multi-User Facility (MUF) Start-up option DF_DS_OP defers the OPEN of a Data Area until an application starts accessing data in the particular Area. If a COMM CLOSE is issues to CLOSE the Data Area after it has been accessed, subsequent OPENS may incur RC 13(71). SYMPTOMS: Second or subsequent attempts to access data area after a preceding COMM CLOSE, may incur RC 13(71) (I/O TO A DATA SET THAT IS NOT OPEN) IMPACT: Applicastion(s) unable to retrieve/access data from the Data Area. CIRCUMVENTION: Do the following to circumvent the case 1) Issue the MUF operator console-like command DF_DS_CL nnnn to close the Data Area to turn the Deferred Dataset option off 2) Rerun the application/transaction to eliminate RC 13(71). PRODUCT(S) AFFECTED: <table> <tr> <td>CA Datacom/DB</td><td>Release 14.0</td></tr> <tr> <td>CA Datacom/DB</td><td>Version 15.0</td></tr> <tr> <td>CA Datacom/DB</td><td>Release 15.1</td></tr> </table> Related Problem: DB 5704 Copyright (C) 2020 CA. All rights reserved. R00821-DCM151-SP2 DESC(RC 13(71) FOR DATA AREAS USING DF_DS_OP MUF STARTUP OPTION). ++VER (Z038) FMID (CABDF10) PRE (R088530 R090903 R092259 R093647 R098059 S003879 S009474 S012178 S013594 S015152) SUP (R096821 ST15862 TR96821)	CA Datacom/DB	Release 14.0	CA Datacom/DB	Version 15.0	CA Datacom/DB	Release 15.1
CA Datacom/DB	Release 14.0						
CA Datacom/DB	Version 15.0						
CA Datacom/DB	Release 15.1						

Service	Details
SO15866	SO15866 M.C.S. ENTRIES = ++PTF (SO15866) SOC4 ABEND STMTPRP +004340 PROBLEM DESCRIPTION: The Multi-User Facility (MUF) abnormally terminates while preparing a query using Dynamic SQL. SYMPTOMS: MUF abends with SOC4 in DBSRPPR CSECT STMTPRP +004340. IMPACT: MUF must be restarted. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2265 Copyright (C) 2020 CA. All rights reserved. R00822-DCM151-SP2 DESC(SOC4 ABEND STMTPRP +004340). ++VER (Z038) FMID (CAVEF10) PRE (R090826 R092064 S000890 S001886 S006238 S006402 S007544 S009551 S015755 S015827) SUP (AR92064 AS01886 EC92212 R096118 S000902 S004015 S011348 ST00902 ST04015 ST11348 ST15866 TR92901 TR96118)

Service	Details
SO15889	SO15889 M.C.S. ENTRIES = ++PTF (SO15889) SQLCODE -300 INSERT USING DYNAMIC SQL AFTER SO15827 PROBLEM DESCRIPTION: Using Dynamic SQL to PREPARE and EXECUTE of a non-cursor statement fails after applying SO15827. SYMPTOMS: The EXECUTE is rejected with SQLCODE -300 CANNOT EXECUTE UNPREPARED/INVALID STATEMENT DYNAMICSTATEMENT IMPACT: The statement cannot be executed. CIRCUMVENTION: RESTORE SO15827. PRODUCT(S) AFFECTED: CA Datacom SQL Release 15.1 Related Problem: SQL 2266 Copyright (C) 2020 CA. All rights reserved. R00824-DCM151-SP2 DESC(SQLCODE -300 INSERT USING DYNAMIC SQL AFTER SO15827). ++VER (Z038) FMID (CAVEF10) PRE (R090216 R090826 R092064 R097225 S000890 S001886 S004034 S004197 S004867 S005935 S006238 S006402 S007544 S008336 S009551 S014105 S014297 S014825 S015755 S015827) SUP (AR92064 AS01886 AS15827 EC92212 R096118 S000902 S004015 S006846 S011348 S015866 ST00902 ST04015 ST06846 ST10139 ST11348 ST15866 ST15889 TR92901 TR96118)

Service	Details
SO15912	SO15912 M.C.S. ENTRIES = ++PTF (SO15912) MESSAGES DB02903I AND DB2904I TRUNCATED PROBLEM DESCRIPTION: When the CA Datacom Multi-User Facility (MUF) is quiesced via DBUTLTY command COMM OPTION=CONSOLE,OPTION2='QUIESCE TXN' messages DB02903I and DB02904I are truncated. SYMPTOMS: Messages DB02903I and DB02904I show as: DB02903I - MUF QUIESCE TXN FLUSHING DB02904I - MUF QUIESCE TXN ENDED, I instead of: DB02903I - MUF QUIESCE TXN FLUSHING PIPELINE DB02904I - MUF QUIESCE TXN ENDED, IN EFFECT IMPACT: The messages do not show the full intended contents. CIRCUMVENTION: None. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5705 Copyright (C) 2020 CA. All rights reserved. R00825-DCM151-SP2 DESC(MESSAGES DB02903I AND DB2904I TRUNCATED). ++VER (Z038) FMID (CABDF10) PRE (R088863 R090903 R091015 R091404 R091632 R092259 R092858 R093647 R094095 R096499 R099171 S001215 S003799 S003941 S005882 S006692 S007233 S007900 S009474 S010748 S011247 S011678 S011975 S012203 S012932 S013156 S013882 S015187) SUP (R095833 R096568 R097343 R099067 S005131 S008749 S011501 S014070 ST05131 ST08749 ST11501 ST14070 ST15912 TR95833 TR96568 TR97343 TR99067 VC90081)

Service	Details												
S015947	S015947 M.C.S. ENTRIES = ++PTF (S015947) ENHANCEMENT: BTG1000 WITH RECENT DST CHANGES ENHANCEMENT DESCRIPTION: This product enhancement delivers an updated BTG member, BTG1000, for the CASYSTEMTABLES database. It includes the recent addition of the INDEX_FORMAT and GENERATION columns to the DIR_INDEX table delivered by S016036. The BTG1000 member is periodically redelivered incorporating Dynamic System Table (DST) enhancements which occur as part of the continuous delivery model. These changes can either be installed using the individual table's DST BTG member, or by using the base level BTG1000 member. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5708 Copyright (C) 2020 CA. All rights reserved. R00826-DCM151-SP2 DESC(ENHANCEMENT: BTG1000 WITH RECENT DST CHANGES). ++VER (Z038) FMID (CABDF10) SUP (ST15947) ++HOLD (S015947) SYSTEM FMID(CABDF10) REASON (ACTION) DATE (20364) COMMENT (<table border="1"> <tr> <td>CA Datacom/DB</td><td>Release 15.1</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Catalog recent changes to the Dynamic System Tables.</td></tr> <tr> <td>USERS</td><td>All users.</td></tr> <tr> <td>KNOWLEDGE</td><td>Database Administration.</td></tr> <tr> <td>ACCESS</td><td>Ability to run DBUTLTY and DDUPDATE.</td></tr> </table> ***** * STEPS TO PERFORM * ***** 1. Run the following DBUTLTY function to prepare taking the DSTs offline: ACCESS STATUS=UTLTY,DBID=1000,USERS=WAIT 2. Followed by a DBUTLTY: COMM OPTION=CONSOLE,OPTION2='SYSTEMDBID_DELETE' 3. Followed by a DDUPDATE using the new BTG1000 member as input to catalog the new definition.	CA Datacom/DB	Release 15.1	SEQUENCE	After Apply	PURPOSE	Catalog recent changes to the Dynamic System Tables.	USERS	All users.	KNOWLEDGE	Database Administration.	ACCESS	Ability to run DBUTLTY and DDUPDATE.
CA Datacom/DB	Release 15.1												
SEQUENCE	After Apply												
PURPOSE	Catalog recent changes to the Dynamic System Tables.												
USERS	All users.												
KNOWLEDGE	Database Administration.												
ACCESS	Ability to run DBUTLTY and DDUPDATE.												

Service	Details
	4. Followed by a DBUTLTY which allows MUF to resume DST activity with the new definition: ACCESS STATUS=WRITE,DBID=1000 An example and details can be found in the "System Tables Reference" in the Datacom Core - 15.1 TechDocs space. Apply this SYSMOD using 'BYPASS(HOLDSYSTEM(ACTION))' . The entire process can be run at your convenience, any time the DST database can be closed. The existing Dynamic System Tables continue to function and return data, without cataloging the latest DST definition. If the entire DST database cannot be closed, the changed DST can be updated using the table level DSTDRI member in the process documented in the "Update the Dynamic System Tables Definitions" in the "System Tables Reference" in the Datacom Core - 15.1 TechDocs space.).

Service	Details
SO16006	SO16006 M.C.S. ENTRIES = ++PTF (SO16006) DBUTLTY SOC4 IN MODULE DBOP1PR AT OR NEAR OFFSET 4E32 PROBLEM DESCRIPTION: A DBUTLTY INIT of an IXX can abort with a SOC4 in module DBOP1PR when VERIFY=YES is specified. SYMPTOMS: DBUTLTY INIT AREA=IXX aborts with s SOC4, Reason 11 in module DBOP1PR. IMPACT: An INIT AREA=IXX cannot be performed when specifying VERIFY=YES. CIRCUMVENTION: Running the INIT without specifying VERIFY=YES may provide a circumvention. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5710 Copyright (C) 2020 CA. All rights reserved. R00828-DCM151-SP2 DESC(DBUTLTY SOC4 IN MODULE DBOP1PR AT OR NEAR OFFSET 4E32). ++VER (Z038) FMID (CABDF10) PRE (R088530 R090903 R091015 R091632 R092259 R094280 R094783 R095667 R098683 R098926 R099738 R099997 S001215 S007233 S010082 S010748 S011951 S013162 S014079 S015187) SUP (AS01215 AS08152 BC90081 R093450 R096806 S003866 S004783 S006519 S008152 S008488 S009270 S010373 S014169 ST03866 ST04783 ST06519 ST08152 ST08488 ST09270 ST10373 ST14169 ST16006 TR93450 TR96806 YC90081)

Service	Details																		
SO16036	SO16036 M.C.S. ENTRIES = ++PTF (SO16036) ENHANCEMENT: ADD INDEX_FORMAT TO DIR_INDEX DST, BTG ENHANCEMENT DESCRIPTION: This product enhancement delivers a BTG member which provides support for the new INDEX_FORMAT and GENERATION columns in the DIR_INDEX Dynamic System Table. It is identical to the enhancement delivered by SO15243, which this solution supersedes, but the hold data has been corrected to specify DSTDRI. PRODUCT(S) AFFECTED: CA Datacom/DB Release 15.1 Related Problem: DB 5711 Copyright (C) 2020 CA. All rights reserved. R00830-DCM151-SP2 DESC(ENHANCEMENT: ADD INDEX_FORMAT TO DIR_INDEX DST, BTG). ++VER (Z038) FMID (CABDF10) SUP (SO15243 ST15243 ST16036) ++HOLD (SO16036) SYSTEM FMID(CABDF10) REASON (ACTION) DATE (20363) COMMENT (<table border="1"> <tr> <td>CA Datacom/DB</td><td>Release 15.1</td></tr> <tr> <td>SEQUENCE</td><td>After Apply</td></tr> <tr> <td>PURPOSE</td><td>Two new columns are being added to the DIR_INDEX Dynamic System Table, to provide additional information.</td></tr> <tr> <td>USERS</td><td></td></tr> <tr> <td>AFFECTED</td><td>All users.</td></tr> <tr> <td>KNOWLEDGE</td><td></td></tr> <tr> <td>REQUIRED</td><td>Database Administration.</td></tr> <tr> <td>ACCESS</td><td></td></tr> <tr> <td>REQUIRED</td><td>Ability to run CXXMAINT and DDUPDATE.</td></tr> </table> ***** * STEPS TO PERFORM * ***** This solution requires: 1. Run the following CXXMAINT to delete the old table definition: CXXMAINT OPTION=DELETEOP,DBID=1000,TABLE=DRI 2. Followed by a DDUPDATE to catalog the new definition using the DSTDRI downloaded member as input to the SYSIN. The DIR_INDEX table must be closed while this process runs. An example and details can be found in the "System Tables Reference" in the Datacom Core - 15.1 TechDocs space.	CA Datacom/DB	Release 15.1	SEQUENCE	After Apply	PURPOSE	Two new columns are being added to the DIR_INDEX Dynamic System Table, to provide additional information.	USERS		AFFECTED	All users.	KNOWLEDGE		REQUIRED	Database Administration.	ACCESS		REQUIRED	Ability to run CXXMAINT and DDUPDATE.
CA Datacom/DB	Release 15.1																		
SEQUENCE	After Apply																		
PURPOSE	Two new columns are being added to the DIR_INDEX Dynamic System Table, to provide additional information.																		
USERS																			
AFFECTED	All users.																		
KNOWLEDGE																			
REQUIRED	Database Administration.																		
ACCESS																			
REQUIRED	Ability to run CXXMAINT and DDUPDATE.																		

Service	Details	
	Apply this SYSMOD using 'BYPASS(HOLDSYSTEM(ACTION))' . This process can be run at your convenience, as the existing DIR_INDEX table's prior definition continues to function and return data, without the addition of the new columns.).	
MCS	SO15152	STARTS ON PAGE 0002
MCS	SO15187	STARTS ON PAGE 0003
MCS	SO15243	STARTS ON PAGE 0004
MCS	SO15552	STARTS ON PAGE 0005
MCS	SO15724	STARTS ON PAGE 0006
MCS	SO15728	STARTS ON PAGE 0007
MCS	SO15755	STARTS ON PAGE 0009
MCS	SO15827	STARTS ON PAGE 0010
MCS	SO15862	STARTS ON PAGE 0011
MCS	SO15866	STARTS ON PAGE 0011
MCS	SO15889	STARTS ON PAGE 0012
MCS	SO15912	STARTS ON PAGE 0013
MCS	SO15947	STARTS ON PAGE 0014
MCS	SO16006	STARTS ON PAGE 0016
MCS	SO16036	STARTS ON PAGE 0016

CA Datacom/AD 15.1
CA RS 2101 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 2101 Product/Component Count for this release is 3		

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
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	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

CA RS Level	Service	FMID
	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
	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

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	S013593	CABDF10
	S013463	CABDF10
	S013425	CABDF10
	S013398	CABDF10
	S013370	CABDF10
	S013173	CAVEF10
	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

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	S008374	CAVEF10
	S008110	CAYTF00
	S008017	CAVEF10
CAR1906	S008545	CAADF10
	S008500	CABDF10
	S008458	CAVQF10
	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

CA RS Level	Service	FMID
	S007039	CABDF10
	S007034	CABDF10
	S006999	CAVEF10
	S006945	CABDF10
	S006922	CAVEF10
	S006846	CAVEF10
	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

CA Datacom/AD 15.1
All CA RS Levels Service List

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	S004538	CABDF10
	S004485	CAADF10
	S003799	CABDF10
	S003704	CABDF10
	S003692	CABDF10
CAR1808	S004646	CAYTF00
	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

CA RS Level	Service	FMID
	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
	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

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CA RS Level	Service	FMID
	R098879	CABDF10
	R098846	CABDF10
	R098800	CABDF10
	R098737	CABDF10
	R098604	CABDF10
	R098085	CABDF10
	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

CA RS Level	Service	FMID
	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	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

CA RS Level	Service	FMID
	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
	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

CA RS Level	Service	FMID
	R093436	CABDF10
	R093373	CAADF10
	R093324	CAVEF10
	R093251	CABDF10
	R093201	CABDF10
	R093127	CABDF10
	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

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CA RS Level	Service	FMID
	R091141	CABDF10
	R091115	CAVEF10
	R091079	CABDF10
	R091015	CABDF10
	R090950	CAADF10
	R090903	CABDF10
	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

CA RS Level	Service	FMID
	R089159	CAYTF00
CAR1605	R089016	CAYTF02
CAR1604	R088157	CAYTF02
	R088156	CAYTF00
	R087666	CAYTF02
CAR1602	R081768	CAYTF02
	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