

CA Datacom/AD 15.0  
CA RS 2106 Service List

| Service                                            | Description                                       | Type |
|----------------------------------------------------|---------------------------------------------------|------|
| LU00231                                            | (ENH)USS: UPDATE CAD CJDBC.JAR FOR JAVA 1.8       | PTF  |
| LU00463                                            | (ENH)USS: UPDATE CAD CJDBC.JAR FOR JAVA 1.8       | PTF  |
| LU01339                                            | COMPRESSION ATTRIBUTE IN CREATE TABLE             | PTF  |
| LU01369                                            | SUPPORT COMPRESSION ATTRIBUTE ON SQL CREATE TABLE | PTF  |
| LU01482                                            | FRAMEWORK FOR FUTURE ENHANCEMENT                  | PTF  |
| LU01485                                            | SQL INTERNAL CA7 MASTER KEY CHANGE NO             | PTF  |
| SO15810                                            | ABEND IN DBSGMPR+00459A FOR CEM MONITOR           | PTF  |
| The CA RS 2106 service count for this release is 7 |                                                   |      |

CA Datacom/AD  
CA RS 2106 Service List for CAADF00

2

| FMID                                            | Service | Description                                       | Type |
|-------------------------------------------------|---------|---------------------------------------------------|------|
| CAADF00                                         | LU01369 | SUPPORT COMPRESSION ATTRIBUTE ON SQL CREATE TABLE | PTF  |
|                                                 | LU01482 | FRAMEWORK FOR FUTURE ENHANCEMENT                  | PTF  |
| The CA RS 2106 service count for this FMID is 2 |         |                                                   |      |

CA Datacom/AD  
CA RS 2106 Service List for CAVEF00

3

| FMID                                            | Service | Description                             | Type |
|-------------------------------------------------|---------|-----------------------------------------|------|
| CAVEF00                                         | LU01339 | COMPRESSION ATTRIBUTE IN CREATE TABLE   | PTF  |
|                                                 | LU01485 | SQL INTERNAL CA7 MASTER KEY CHANGE NO   | PTF  |
|                                                 | SO15810 | ABEND IN DBSGMPR+00459A FOR CEM MONITOR | PTF  |
| The CA RS 2106 service count for this FMID is 3 |         |                                         |      |

CA Datacom/AD  
CA RS 2106 Service List for CAYTF00

| FMID                                            | Service | Description                                 | Type |
|-------------------------------------------------|---------|---------------------------------------------|------|
| CAYTF00                                         | LU00463 | (ENH)USS: UPDATE CADJCJDBC.JAR FOR JAVA 1.8 | PTF  |
| The CA RS 2106 service count for this FMID is 1 |         |                                             |      |

CA Datacom/AD  
CA RS 2106 Service List for CAYTF02

5

| FMID                                            | Service | Description                                 | Type |
|-------------------------------------------------|---------|---------------------------------------------|------|
| CAYTF02                                         | LU00231 | (ENH)USS: UPDATE CADJCJDBC.JAR FOR JAVA 1.8 | PTF  |
| The CA RS 2106 service count for this FMID is 1 |         |                                             |      |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| LU00231 | <p>LU00231 M.C.S. ENTRIES = ++PTF (LU00231)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> <li>1. (ENH)USS: UPDATE CADCJDBC.JAR FOR JAVA 1.8</li> <li>2. USS: INTERNAL BUFFER EXCEEDS MAXIMUM SIZE IN JNI ERROR</li> <li>3. USS: GETPROCEDURES THROWS AN EXCEPTION</li> <li>4. USS: RIGHT TRUNCATION EXCP DOES NOT SHOW OFFENDING COLUMN</li> <li>5. USS: UNABLE TO EXECUTE A PREPARED STATEMENT MULTIPLE TIMES</li> <li>6. USS: IMPLEMENT JAVA.SQL.CONNECTION.SETNETWORKTIMEOUT METHOD</li> </ol> <p>=====</p> <p>(ENH)USS: UPDATE CADCJDBC.JAR FOR JAVA 1.8</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>Update the CA Datacom JDBC driver, cadcjdbc.jar, to the Java 1.8 compiler compliance level.</p> <p>After applying this PTF, an upgrade to at least Java JRE 1.8 is required. An application running in a JVM prior to Java 1.8 will fail with an Unsupported major.minor version nn.0 exception.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom Server Release 15.0</p> <p>COMPONENTS AFFECTED:</p> <p>cadcjdbc.jar Driver Version: 15.00.??</p> <p>cadcjdoc.jar</p> <p>Related Problem:</p> <p>DBSRV 744</p> <p>=====</p> <p>USS: INTERNAL BUFFER EXCEEDS MAXIMUM SIZE IN JNI ERROR</p> <p>PROBLEM DESCRIPTION:</p> <p>A JDBC application fails with DBIOException when a row exceeds 15,750 bytes.</p> <p>SYMPTOMS:</p> <p>A ca.datacom.db.DBIOException is thrown with the following message: "Internal buffer exceeds maximum size in Jni(DBCall)".</p> <p>Long Message:</p> <p>Internal buffer exceeds maximum size in Jni(DBCall)<br/>in Jni(DBCall)in Node(DBCall-64)in Session(Exception executeImmediate)<br/>in Query(fetch)<br/>at ca.datacom.jdbc.DatacomJdbcObject.getSQLException(DatacomJdbcObject.java)<br/>at ca.datacom.jdbc.DatacomStatement.executeQuery(DatacomStatement.java)<br/>at ca.datacom.jdbc.DatacomPreparedStatement.executeQuery(DatacomPreparedStatement.java)</p> <p>IMPACT:</p> <p>The JDBC application fails. Neither the CA Datacom Server Mainframe region (SVDBSPR) nor the CA Datacom Multi-User Facility are affected</p> <p>CIRCUMVENTION:</p> <p>If possible, change the query to reduce the number of bytes in the result set row.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom Server Version: 15.0</p> <p>COMPONENTS AFFECTED:</p> <p>cadcjdbc.jar Driver Version: 15.00.019</p> <p>cadcjdoc.jar</p> <p>Related Problem:</p> <p>DBSRV 739</p> <p>=====</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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|         | <p>USS: GETPROCEDURES THROWS AN EXCEPTION</p> <p>PROBLEM DESCRIPTION:</p> <p>An SQLException occurs when a JDBC application issues<br/>DatacomDatabaseMetaData.getProcedures() to retrieve a list of<br/>SQL procedures.</p> <p>SYMPTOMS:</p> <p>The CA Datacom JDBC driver throws java.sql.SQLException:<br/>ca.datacom.db.DBSQLException when a JDBC application invokes<br/>DatacomDatabaseMetaData.getProcedures().</p> <p>IMPACT:</p> <p>The JDBC application fails. Neither the CA Datacom Server Mainframe<br/>region (SVDBSPR) nor the CA Datacom Multi-User Facility are affected.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>Product(S) AFFECTED:</p> <p>CA Datacom Server Version 15.0</p> <p>Related Problem:</p> <p>DBSRV 733</p> <p>=====</p> <p>USS: RIGHT TRUNCATION EXCP DOES NOT SHOW OFFENDING COLUMN</p> <p>PROBLEM DESCRIPTION:</p> <p>A JDBC application that calls PreparedStatement.executeQuery()<br/>with parameter markers fails with a DBSQLException when the<br/>length of the parameter data exceeds the length of the corresponding<br/>column. Unfortunately, the message text presented with<br/>DBSQLException does not include a reference to the offending<br/>parameter.</p> <p>SYMPTOMS:</p> <p>While processing a PreparedStatement with parameter markers for values,<br/>the CA Datacom JDBC driver will detect a data exception if the length of<br/>the parameter data exceeds the length of the corresponding column. When<br/>this condition occurs, an exception similar to the following is thrown.<br/>java.sql.SQLException: ca.datacom.db.DBSQLException:<br/>ca.datacom.db.DBSQLException: DATA EXCEPTION, RIGHT TRUNCATION WILL<br/>OCCUR, COLUMN SIZE 10 VARIABLE SIZE 11<br/>in Session(Exception executeImmediate)in Query(execparameterized)</p> <p>IMPACT:</p> <p>The JDBC application fails. Neither the CA Datacom Server mainframe<br/>region (SVDBSPR) nor the CA Datacom Multi-User Facility are affected.</p> <p>CIRCUMVENTION:</p> <p>Ensure the parameter data is the correct length.</p> <p>PRODUCT(S) AFFECTED:Products</p> <p>CA Datacom Server Version: 15.0</p> <p>COMPONENTS AFFECTED:</p> <p>cadcjdbc.jar Driver Version: 15.00.019</p> <p>cadcjdoc.jar</p> <p>Related Problem:</p> <p>DBSRV 754</p> <p>=====</p> <p>USS: UNABLE TO EXECUTE A PREPARED STATEMENT MULTIPLE TIMES</p> <p>PROBLEM DESCRIPTION:</p> <p>A JDBC application that uses the same PreparedStatement object to<br/>execute a query multiple times terminates with an SQLException after<br/>the first execution of the statement.</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
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|         | <p>SYMPTOMS:</p> <p>After the statement is prepared, the first execution of PreparedStatement.executeQuery() is successful. Any subsequent calls to execute a query with the same PreparedStatement object fails with an exception similar to the following.</p> <pre>java.sql.SQLException: Data conversion error: For input string: "ss" at ca.datacom.jdbc.DatacomJdbcObject.getConversionException (DatacomJdbcObject.java:951) at ca.datacom.jdbc.DatacomPreparedStatement.setQueryObject (DatacomPreparedStatement.java:2872) at ca.datacom.jdbc.DatacomPreparedStatement.executeQuery (DatacomPreparedStatement.java:512).</pre> <p>IMPACT:</p> <p>The application fails with an exception and ends abruptly. Neither the CA Datacom Server mainframe region (SVDBSPR) nor the CA Datacom Multi-User Facility is affected.</p> <p>CIRCUMVENTION:</p> <p>Create a PreparedStatement object using java.sql.Connection.prepareStatement(java.lang.String) before every call to java.sql.PreparedStatement.executeQuery.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom Server Version: 15.0</p> <p>COMPONENTS AFFECTED:</p> <p>cadcjdbc.jar Driver Version: 15.00.019</p> <p>cadcjdoc.jar</p> <p>Related Problem:</p> <p>DBSRV 763</p> <p>=====</p> <p>USS: IMPLEMENT JAVA.SQL.CONNECTION.SETNETWORKTIMEOUT METHOD</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This enhancement implements the method</p> <pre>java.sql.Connection.setNetworkTimeout(Executor executor, int milliseconds)</pre> <p>in the CA Datacom Server JDBC driver for Type 4 connections. It is used to set the network reply timeout for each request to the Server mainframe region. If any request takes longer than the specified time to respond, then an exception (java.net.SocketTimeoutException: Read timed out) is thrown and the database connection is closed and reset. The Server JDBC driver ignores the first argument, Executor.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom Server Version 15.0</p> <p>COMPONENTS AFFECTED:</p> <p>cadcjdbc.jar Driver Version: 15.00.019</p> <p>cadcjdoc.jar</p> <p>Related Problem:</p> <p>DBSRV 12698</p> <p>Copyright (C) 2021 CA. All rights reserved. R00126-DSR150-SP3</p> <p>DESC ( (ENH)USS: UPDATE CADCJDBC.JAR FOR JAVA 1.8) .</p> <p>++VER (Z038)</p> <p>FMID (CAYTF02)</p> <p>PRE ( R067586 R072673 R079251 R079335 R088157 R089160</p> <p>R099840 S000289 S005096 S006665 S015083 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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|         | <p>SUP ( AR79335 LT00231 R074101 R076353 R081768 R087666<br/>R089016 R092663 R096707 R098045 S005865 S007533<br/>ST05865 ST07533 ST08925 TR71893 TR72409 TR72619<br/>TR72654 TR74101 TR76353 TR77237 TR77970 TR81151<br/>TR81768 TR87057 TR87199 TR87666 TR87936 TR89016<br/>TR90698 TR91059 TR91753 TR92663 TR93636 TR94780<br/>TR95141 TR95885 TR95901 TR96233 TR96567 TR96707<br/>TR96954 TR97036 TR97045 TR98045 TR98441 )<br/>++IF FMID(CAYTF00) REQ(LU00463 ) .<br/>++HOLD (LU00231) SYSTEM FMID(CAYTF02)<br/>REASON (ACTION ) DATE (21141)<br/>COMMENT (</p> <pre> +-----+            CA Datacom Server USS                      Version 15.0            +-----+-----+ +-----+-----+  SEQUENCE   After Apply but before using cadcjdbc.jar file on                         Windows or Linux/Unix.                                       +-----+-----+  PURPOSE     An update to the Datacom Server JDBC driver client is                     required with this SYSMOD.                                     +-----+-----+  USERS       All users who use the JDBC driver on non-z/OS platforms.      AFFECTED                                                                   +-----+-----+  KNOWLEDGE   Knowledge of the CA Datacom Server JDBC driver and the        REQUIRED    the JAVA CLASSPATH.                                           +-----+-----+  ACCESS      Administrator access is required to install the new           REQUIRED    Windows client software which delivers the updated                        cadcjdbc.jar file.                                            +-----+-----+ ***** * STEPS      TO      PERFORM * ***** Download instructions: Windows Platforms: Download LU00326 from the Download Center on support.broadcom.com For 64-bit, download/install DatacomServer15.0_LU00326_x64.exe For 32-bit, download/install DatacomServer15.0_LU00326_x86.exe For Linux, Unix or other non-Windows platforms, download/install DatacomServer15.0_LU00327.zip ). ++HOLD (LU00231) SYSTEM FMID(CAYTF02) REASON (DOC ) DATE (21141) COMMENT ( +-----+            CA Datacom Server USS                      Version 15.0            +-----+-----+ ***** *          PUBLICATION          * ***** This PTF provides an update to the Datacom Server JDBC driver which changes the compiler compliance level of the cadcjdbc.jar file to </pre> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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|         | <p>Java 1.8 compliance.</p> <p>Additionally, the Connection.setNetworkTimeout and Connection.setNetworkTimeout methods are implemented.</p> <p>Information regarding these updates can be found in the Release Notes for CA Datacom Server with the following URL:<br/> <a href="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">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</a> ).</p> <p>BINARY</p> <p>LINK('libcadcdb32.so')</p> <p>PARM(PATHMODE(0,7,7,5),APF,PROGCTL) .</p> <p>BINARY</p> <p>LINK('libcadcdb64.so')</p> <p>PARM(PATHMODE(0,7,7,5),APF,PROGCTL) .</p> <p>LINK('cadcjdbc.jar')</p> <p>PARM(PATHMODE(0,7,7,7)) .</p> <p>LINK('cadcjdoc.jar')</p> <p>PARM(PATHMODE(0,7,7,7)) .</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| LU00463 | <p>LU00463 M.C.S. ENTRIES = ++PTF (LU00463)</p> <p>The following items are included in this solution:</p> <ol style="list-style-type: none"> <li>1. (ENH)USS: UPDATE CADCJDBC.JAR FOR JAVA 1.8</li> <li>2. USS: INTERNAL BUFFER EXCEEDS MAXIMUM SIZE IN JNI ERROR</li> <li>3. USS: GETPROCEDURES THROWS AN EXCEPTION</li> <li>4. USS: RIGHT TRUNCATION EXCP DOES NOT SHOW OFFENDING COLUMN</li> <li>5. USS: UNABLE TO EXECUTE A PREPARED STATEMENT MULTIPLE TIMES</li> <li>6. USS: IMPLEMENT JAVA.SQL.CONNECTION.SETNETWORKTIMEOUT METHOD</li> </ol> <p>=====</p> <p>(ENH)USS: UPDATE CADCJDBC.JAR FOR JAVA 1.8</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>Update the CA Datacom JDBC driver, cadcjdbc.jar, to the Java 1.8 compiler compliance level.</p> <p>After applying this PTF, an upgrade to at least Java JRE 1.8 is required. An application running in a JVM prior to Java 1.8 will fail with an Unsupported major.minor version nn.0 exception.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom Server <span style="float: right;">Release 15.0</span></p> <p>COMPONENTS AFFECTED:</p> <p>cadcjdbc.jar <span style="float: right;">Driver Version: 15.00.??</span></p> <p>cadcjdoc.jar</p> <p>Related Problem:</p> <p>DBSRV 744</p> <p>=====</p> <p>USS: INTERNAL BUFFER EXCEEDS MAXIMUM SIZE IN JNI ERROR</p> <p>PROBLEM DESCRIPTION:</p> <p>A JDBC application fails with DBIOException when a row exceeds 15,750 bytes.</p> <p>SYMPTOMS:</p> <p>A ca.datacom.db.DBIOException is thrown with the following message:</p> <p>"Internal buffer exceeds maximum size in Jni(DBCall)".</p> <p>Long Message:</p> <p>Internal buffer exceeds maximum size in Jni(DBCall)<br/>in Jni(DBCall)in Node(DBCall-64)in Session(Exception executeImmediate)<br/>in Query(fetch)<br/>at ca.datacom.jdbc.DatacomJdbcObject.getSQLException(DatacomJdbcObject.java)<br/>at ca.datacom.jdbc.DatacomStatement.executeQuery(DatacomStatement.java)<br/>at ca.datacom.jdbc.DatacomPreparedStatement.executeQuery<br/>(DatacomPreparedStatement.java)</p> <p>IMPACT:</p> <p>The JDBC application fails. Neither the CA Datacom Server Mainframe region (SVDBSPR) nor the CA Datacom Multi-User Facility are affected</p> <p>CIRCUMVENTION:</p> <p>If possible, change the query to reduce the number of bytes in the result set row.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom Server <span style="float: right;">Version: 15.0</span></p> <p>COMPONENTS AFFECTED:</p> <p>cadcjdbc.jar <span style="float: right;">Driver Version: 15.00.019</span></p> <p>cadcjdoc.jar</p> <p>Related Problem:</p> <p>DBSRV 739</p> <p>=====</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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|         | <p>USS: GETPROCEDURES THROWS AN EXCEPTION</p> <p>PROBLEM DESCRIPTION:</p> <p>An SQLException occurs when a JDBC application issues DatacomDatabaseMetaData.getProcedures() to retrieve a list of SQL procedures.</p> <p>SYMPTOMS:</p> <p>The CA Datacom JDBC driver throws java.sql.SQLException: ca.datacom.db.DBSQLException when a JDBC application invokes DatacomDatabaseMetaData.getProcedures().</p> <p>IMPACT:</p> <p>The JDBC application fails. Neither the CA Datacom Server Mainframe region (SVDBSPR) nor the CA Datacom Multi-User Facility are affected.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>Product(S) AFFECTED:</p> <p>CA Datacom Server Version 15.0</p> <p>Related Problem:</p> <p>DBSRV 733</p> <p>=====</p> <p>USS: RIGHT TRUNCATION EXCP DOES NOT SHOW OFFENDING COLUMN</p> <p>PROBLEM DESCRIPTION:</p> <p>A JDBC application that calls PreparedStatement.executeQuery() with parameter markers fails with a DBSQLException when the length of the parameter data exceeds the length of the corresponding column. Unfortunately, the message text presented with DBSQLException does not include a reference to the offending parameter.</p> <p>SYMPTOMS:</p> <p>While processing a PreparedStatement with parameter markers for values, the CA Datacom JDBC driver will detect a data exception if the length of the parameter data exceeds the length of the corresponding column. When this condition occurs, an exception similar to the following is thrown.</p> <p>java.sql.SQLException: ca.datacom.db.DBSQLException:<br/>ca.datacom.db.DBSQLException: DATA EXCEPTION, RIGHT TRUNCATION WILL OCCUR, COLUMN SIZE 10 VARIABLE SIZE 11<br/>in Session(Exception executeImmediate)in Query(executeParameterized)</p> <p>IMPACT:</p> <p>The JDBC application fails. Neither the CA Datacom Server mainframe region (SVDBSPR) nor the CA Datacom Multi-User Facility are affected.</p> <p>CIRCUMVENTION:</p> <p>Ensure the parameter data is the correct length.</p> <p>PRODUCT(S) AFFECTED:Products</p> <p>CA Datacom Server Version: 15.0</p> <p>COMPONENTS AFFECTED:</p> <p>cadcjdbc.jar Driver Version: 15.00.019<br/>cadcjdoc.jar</p> <p>Related Problem:</p> <p>DBSRV 754</p> <p>=====</p> <p>USS: UNABLE TO EXECUTE A PREPARED STATEMENT MULTIPLE TIMES</p> <p>PROBLEM DESCRIPTION:</p> <p>A JDBC application that uses the same PreparedStatement object to execute a query multiple times terminates with an SQLException after the first execution of the statement.</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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|         | <p>SYMPTOMS:</p> <p>After the statement is prepared, the first execution of PreparedStatement.executeQuery() is successful. Any subsequent calls to execute a query with the same PreparedStatement object fails with an exception similar to the following.</p> <pre>java.sql.SQLException: Data conversion error: For input string: "ss" at ca.datacom.jdbc.DatacomJdbcObject.getConversionException (DatacomJdbcObject.java:951) at ca.datacom.jdbc.DatacomPreparedStatement.setQueryObject (DatacomPreparedStatement.java:2872) at ca.datacom.jdbc.DatacomPreparedStatement.executeQuery (DatacomPreparedStatement.java:512).</pre> <p>IMPACT:</p> <p>The application fails with an exception and ends abruptly. Neither the CA Datacom Server mainframe region (SVDBSPR) nor the CA Datacom Multi-User Facility is affected.</p> <p>CIRCUMVENTION:</p> <p>Create a PreparedStatement object using java.sql.Connection.prepareStatement(java.lang.String) before every call to java.sql.PreparedStatement.executeQuery.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom Server Version: 15.0</p> <p>COMPONENTS AFFECTED:</p> <p>cadcjdbc.jar Driver Version: 15.00.019</p> <p>cadcjdoc.jar</p> <p>Related Problem:</p> <p>DBSRV 763</p> <p>=====</p> <p>USS: IMPLEMENT JAVA.SQL.CONNECTION.SETNETWORKTIMEOUT METHOD</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This enhancement implements the method</p> <pre>java.sql.Connection.setNetworkTimeout(Executor executor, int milliseconds)</pre> <p>in the CA Datacom Server JDBC driver for Type 4 connections. It is used to set the network reply timeout for each request to the Server mainframe region. If any request takes longer than the specified time to respond, then an exception (java.net.SocketTimeoutException: Read timed out) is thrown and the database connection is closed and reset. The Server JDBC driver ignores the first argument, Executor.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom Server Version 15.0</p> <p>COMPONENTS AFFECTED:</p> <p>cadcjdbc.jar Driver Version: 15.00.019</p> <p>cadcjdoc.jar</p> <p>Related Problem:</p> <p>DBSRV 12698</p> <p>Copyright (C) 2021 CA. All rights reserved. R00126-DSR150-SP3</p> <p>DESC((ENH)USS: UPDATE CADCJDBC.JAR FOR JAVA 1.8).</p> <p>++VER (Z038)</p> <p>FMID (CAYTF00)</p> <p>PRE ( R067585 R072672 R079250 R079334 R080137 R088156 R089159 R099839 S000288 S005095 S006664 S015082</p> |

CA Datacom/AD 15.0  
CA RS 2106 - PTF LU00463 Details

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| Service | Details                                                                                                                                                                  |
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|         | S016056 )<br>SUP ( AS15082 LT00463 S015298 ST08924 ST09508 ST15298<br>TR72408 TR72618 TR72653 TR73584 TR96953 TR97044<br>TR98440 )<br>++IF FMID(CAYTF02) REQ(LU00231 ) . |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LU01339 | <p>LU01339 M.C.S. ENTRIES = ++PTF (LU01339)</p> <p>COMPRESSION ATTRIBUTE IN CREATE TABLE</p> <p>PRODUCT(S) AFFECTED:</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This enhancement adds the ability to specify compression when creating tables in SQL.</p> <p>CA Datacom SQL Version 15.0</p> <p>CA Datacom SQL Release 15.1</p> <p>Related Problem:</p> <p>SQL 13334</p> <p>Copyright (C) 2021 CA. All rights reserved. R00622-DCM150-SP2</p> <p>DESC (COMPRESSION ATTRIBUTE IN CREATE TABLE) .</p> <p>++VER (Z038)</p> <p>FMID (CAVEF00)</p> <p>PRE ( R071668 R072175 R073203 R073988 R074322 R079439</p> <p>R084892 R090157 S004358 S006774 )</p> <p>SUP ( AR96724 LT01339 R067730 R069022 R074004 R084876</p> <p>R088610 R090470 R094915 R096724 R099963 S000703</p> <p>S010168 S010520 S013058 S013288 S014425 ST00703</p> <p>ST10168 ST10520 ST13058 ST13288 ST14425 TR67730</p> <p>TR69022 TR74004 TR84876 TR88610 TR90470 TR94915</p> <p>TR96724 TR99963 )</p> <p>++IF FMID(CAADF00) REQ(LU01369 ) .</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LU01369 | <p>LU01369 M.C.S. ENTRIES = ++PTF (LU01369)</p> <p>SUPPORT COMPRESSION ATTRIBUTE ON SQL CREATE TABLE</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>Provide code changes necessary for SQL to create a table with the compression attribute.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom Datadictionary Release 15.0</p> <p>CA Datacom Datadictionary Release 15.1</p> <p>Related Problem:</p> <p>DD 13414</p> <p>Copyright (C) 2021 CA. All rights reserved. R00623-DCM150-SP2</p> <p>DESC(SUPPORT COMPRESSION ATTRIBUTE ON SQL CREATE TABLE).</p> <p>++VER (Z038)</p> <p>FMID (CAADF00)</p> <p>PRE ( S010488 )</p> <p>SUP ( LT01160 LT01369 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LU01482 | <p>LU01482 M.C.S. ENTRIES = ++PTF (LU01482)</p> <p>FRAMEWORK FOR FUTURE ENHANCEMENT</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>Adding framework for a future enhancement.</p> <p>SYMPTOMS:</p> <p>None.</p> <p>IMPACT:</p> <p>None.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom Datadictionary Version 15.0</p> <p>CA Datacom Datadictionary Release 15.1</p> <p>Related Problem:</p> <p>DD 13762</p> <p>Copyright (C) 2021 CA. All rights reserved. R00624-DCM150-SP2</p> <p>DESC (FRAMEWORK FOR FUTURE ENHANCEMENT) .</p> <p>++VER (Z038)</p> <p>FMID (CAADF00)</p> <p>PRE ( S010488 )</p> <p>SUP ( LT01160 LT01369 LT01482 LU01369 )</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LU01485 | <p>LU01485 M.C.S. ENTRIES = ++PTF (LU01485)</p> <p>SQL INTERNAL CA7 MASTER KEY CHANGE NO</p> <p>ENHANCEMENT DESCRIPTION:</p> <p>This enhancement adds the ability to force CHANGE = NO for the Master Key on the Primary Key on Create Table.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom SQL Version 15.0</p> <p>CA Datacom SQL Release 15.1</p> <p>Related Problem:</p> <p>SQL 13733</p> <p>Copyright (C) 2021 CA. All rights reserved. R00625-DCM150-SP2</p> <p>DESC (SQL INTERNAL CA7 MASTER KEY CHANGE NO) .</p> <p>++VER (Z038)</p> <p>FMID (CAVEF00)</p> <p>PRE ( LU01339 R071668 R072175 S010520 )</p> <p>SUP ( AR96724 LT01485 R074004 R084876 R088610 R090470</p> <p>R096724 S000703 S013288 ST00703 ST13288 TR74004</p> <p>TR84876 TR88610 TR90470 TR96724 )</p> <p>++IF FMID(CAADF00) REQ(LU01482 ) .</p> |

| Service | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SO15810 | <p>SO15810 M.C.S. ENTRIES = ++PTF (SO15810)</p> <p>ABEND IN DBSGMPR+00459A FOR CEM MONITOR</p> <p>PROBLEM DESCRIPTION:</p> <p>CA Compliance Event Manager (CEM) monitor abends when saving the current state.</p> <p>SYMPTOMS:</p> <p>SOC4 ABEND in module DBSGMPR +00459A.</p> <p>IMPACT:</p> <p>CA Compliance Event Manager (CEM) Monitor must be restarted.</p> <p>CIRCUMVENTION:</p> <p>None.</p> <p>PRODUCT(S) AFFECTED:</p> <p>CA Datacom SQL Release 15.0</p> <p>CA Datacom SQL Release 15.1</p> <p>CA Compliance Event Manager Version 6.0</p> <p>Related Problem:</p> <p>SQL 2264</p> <p>Copyright (C) 2021 CA. All rights reserved. R00618-DCM150-SP2</p> <p>DESC (ABEND IN DBSGMPR+00459A FOR CEM MONITOR) .</p> <p>++VER (Z038)</p> <p>FMID (CAVEF00)</p> <p>PRE ( SO11791 )</p> <p>SUP ( ST15810 )</p> <p>MCS LU00231 STARTS ON PAGE 0002</p> <p>MCS LU00463 STARTS ON PAGE 0008</p> <p>MCS LU01339 STARTS ON PAGE 0012</p> <p>MCS LU01369 STARTS ON PAGE 0013</p> <p>MCS LU01482 STARTS ON PAGE 0014</p> <p>MCS LU01485 STARTS ON PAGE 0014</p> <p>MCS SO15810 STARTS ON PAGE 0015</p> |

CA Datacom/AD 15.0  
CA RS 2106 Product/Component Listing

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| Product Family                                               | Product       | Release  |
|--------------------------------------------------------------|---------------|----------|
| Database                                                     | CA DATACOM    | 15.00.00 |
|                                                              | CA DATACOM/AD | 15.00.00 |
| The CA RS 2106 Product/Component Count for this release is 2 |               |          |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR2106     | S015810 | CAVEF00 |
|             | LU01485 | CAVEF00 |
|             | LU01482 | CAADF00 |
|             | LU01369 | CAADF00 |
|             | LU01339 | CAVEF00 |
|             | LU00463 | CAYTF00 |
|             | LU00231 | CAYTF02 |
| CAR2105     | LU01044 | CABDF00 |
|             | LU00977 | CAYTF00 |
| CAR2102     | S016056 | CAYTF00 |
|             | LU00054 | CABDF00 |
| CAR2101     | S015726 | CAADF00 |
|             | S015705 | CABDF00 |
| CAR2012     | S015682 | CAADF00 |
|             | S015446 | CAADF00 |
|             | S015426 | CAVEF00 |
| CAR2011     | S015298 | CAYTF00 |
|             | S015083 | CAYTF02 |
|             | S015082 | CAYTF00 |
| CAR2010     | S014870 | CAADF00 |
|             | S014854 | CAADF00 |
|             | S014620 | CABDF00 |
|             | S014245 | CAVQF00 |
| CAR2009     | S014425 | CAVEF00 |
|             | S014424 | CAVEF00 |
|             | S014308 | CABDF00 |
|             | S014236 | CAVEF00 |
|             | S013977 | CABDF00 |
|             | S013549 | CAVEF00 |
|             | S013288 | CAVEF00 |
| CAR2008     | S013631 | CAVEF00 |
|             | S013058 | CAVEF00 |
| CAR2007     | R072189 | CAYTF00 |
|             | R070316 | CAYTF00 |
|             | R069811 | CAYTF00 |
|             | R069282 | CAYTF00 |
|             | R069183 | CAYTF00 |
|             | R069180 | CAYTF00 |
|             | R068064 | CAYTF00 |
| CAR2006     | S013036 | CABDF00 |
|             | S012822 | CAVEF00 |
| CAR2005     | S012777 | CABDF00 |
|             | S012518 | CAVEF00 |
|             | S011791 | CAVEF00 |
| CAR2004     | S012321 | CABDF00 |
|             | S012204 | CAADF00 |
|             | S012116 | CAADF00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S011194 | CAVEF00 |
|             | S011132 | CAVEF00 |
|             | S010744 | CAVEF00 |
| CAR2003     | S011933 | CABDF00 |
|             | S010970 | CAVEF00 |
|             | S010520 | CAVEF00 |
| CAR2002     | S011477 | CAAXF00 |
|             | S011440 | CABDF00 |
|             | S010422 | CAVEF00 |
|             | S009941 | CAYTF00 |
| CAR2001     | S010740 | CABDF00 |
|             | S010646 | CABDF00 |
| CAR1912     | S010841 | CABDF00 |
|             | S010718 | CAADF00 |
| CAR1911     | S010488 | CAADF00 |
|             | S010487 | CAADF00 |
|             | S010168 | CAVEF00 |
|             | S010150 | CABDF00 |
|             | S010149 | CABDF00 |
|             | S009826 | CABDF00 |
|             | S009800 | CAVEF00 |
|             | S007726 | CAVEF00 |
| CAR1910     | S010108 | CAADF00 |
|             | S010070 | CABDF00 |
|             | S009813 | CAVEF00 |
| CAR1909     | S009738 | CAADF00 |
|             | S009363 | CABDF00 |
| CAR1908     | S009213 | CABDF00 |
|             | S009210 | CAADF00 |
|             | S009144 | CABDF00 |
|             | S008666 | CAYTF00 |
|             | S007559 | CABDF00 |
| CAR1907     | S009035 | CABDF00 |
|             | S008505 | CAVQF00 |
|             | S008486 | CABDF00 |
|             | S008110 | CAYTF00 |
| CAR1906     | S008375 | CABDF00 |
|             | S007902 | CAAXF00 |
|             | S007658 | CABDF00 |
| CAR1905     | S008186 | CAADF00 |
|             | S007860 | CAVQF00 |
|             | S007533 | CAYTF02 |
| CAR1904     | S007671 | CAADF00 |
|             | S007614 | CABDF00 |
|             | S007574 | CAADF00 |
|             | S007534 | CABDF00 |
|             | S007520 | CAVEF00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S007419 | CAVEF00 |
| CAR1903     | S007414 | CAADF00 |
|             | S007364 | CABDF00 |
|             | S007257 | CABDF00 |
|             | S006839 | CAVEF00 |
|             | S006738 | CAVEF00 |
| CAR1902     | S007075 | CAVQF00 |
|             | S006948 | CABDF00 |
|             | S006919 | CAVQF00 |
|             | S006837 | CABDF00 |
|             | S006774 | CAVEF00 |
|             | S006665 | CAYTF02 |
|             | S006664 | CAYTF00 |
|             | S006647 | CABDF00 |
|             | S006617 | CABDF00 |
|             | S005865 | CAYTF02 |
| CAR1901     | S006663 | CAVEF00 |
|             | S006585 | CAVEF00 |
|             | S006559 | CABDF00 |
|             | S006495 | CAVEF00 |
|             | S006470 | CABDF00 |
|             | S006394 | CABDF00 |
|             | S006311 | CAVEF00 |
|             | S005768 | CABDF00 |
|             | S005130 | CAADF00 |
| CAR1812     | S006244 | CABDF00 |
|             | S006206 | CAADF00 |
|             | S006143 | CABDF00 |
|             | S006026 | CABDF00 |
|             | S005987 | CAVEF00 |
|             | S005351 | CAVEF00 |
| CAR1811     | S005918 | CABDF00 |
|             | S005906 | CABDF00 |
|             | S005896 | CABDF00 |
|             | S005793 | CABDF00 |
|             | S005639 | CABDF00 |
|             | S005096 | CAYTF02 |
|             | S005095 | CAYTF00 |
| CAR1810     | S005595 | CABDF00 |
|             | S005066 | CAVQF00 |
|             | S004715 | CAADF00 |
| CAR1809     | S004641 | CABDF00 |
|             | S004476 | CAVEF00 |
| CAR1808     | S004646 | CAYTF00 |
|             | S004358 | CAVEF00 |
|             | S004308 | CAVEF00 |
|             | S004198 | CABDF00 |

CA Datacom/AD 15.0  
All CA RS Levels Service List

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | S004084 | CABDF00 |
|             | S001707 | CAYTF00 |
|             | S000289 | CAYTF02 |
|             | S000288 | CAYTF00 |
|             | R099018 | CAYTF00 |
| CAR1807     | S003983 | CAADF00 |
|             | S003963 | CAVEF00 |
|             | S003894 | CAVEF00 |
|             | S003838 | CAVEF00 |
|             | S003794 | CAVEF00 |
|             | S003666 | CAVEF00 |
|             | S001199 | CAVEF00 |
| CAR1806     | S003658 | CAVEF00 |
|             | S001910 | CAVQF00 |
|             | S001742 | CAVEF00 |
|             | S001633 | CABDF00 |
|             | S001515 | CABDF00 |
|             | S001511 | CAVEF00 |
|             | S000703 | CAVEF00 |
| CAR1805     | S001321 | CABDF00 |
|             | S001186 | CABDF00 |
|             | S000987 | CAVQF00 |
|             | S000425 | CAVEF00 |
|             | S000243 | CAVEF00 |
| CAR1804     | S000843 | CABDF00 |
|             | S000772 | CABDF00 |
|             | S000578 | CABDF00 |
|             | S000513 | CABDF00 |
| CAR1803     | S000594 | CABDF00 |
|             | S000481 | CABDF00 |
|             | S000227 | CABDF00 |
|             | R099858 | CABDF00 |
|             | R099847 | CABDF00 |
|             | R097963 | CABDF00 |
| CAR1802     | R099963 | CAVEF00 |
|             | R099936 | CABDF00 |
|             | R099932 | CABDF00 |
|             | R099840 | CAYTF02 |
|             | R099839 | CAYTF00 |
|             | R099700 | CABDF00 |
|             | R099355 | CAVEF00 |
|             | R097808 | CAADF00 |
|             | R096626 | CAADF00 |
| CAR1801     | R099639 | CABDF00 |
|             | R099322 | CABDF00 |
| CAR1712     | R098730 | CABDF00 |
|             | R098701 | CABDF00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R098045 | CAYTF02 |
|             | R097050 | CAYTF02 |
|             | R097049 | CAYTF00 |
|             | R095900 | CAYTF00 |
| CAR1711     | R098542 | CABDF00 |
|             | R098527 | CABDF00 |
|             | R098442 | CABDF00 |
|             | R098420 | CABDF00 |
|             | R098305 | CABDF00 |
|             | R098283 | CABDF00 |
|             | R098219 | CABDF00 |
|             | R097926 | CABDF00 |
|             | R097018 | CABDF00 |
| CAR1710     | R098254 | CAYTF00 |
|             | R098147 | CAADF00 |
|             | R097875 | CAADF00 |
|             | R097854 | CAADF00 |
| CAR1709     | R097491 | CAADF00 |
|             | R097412 | CAVEF00 |
|             | R097389 | CAADF00 |
|             | R097368 | CABDF00 |
|             | R097298 | CABDF00 |
|             | R097294 | CAAXF00 |
|             | R097237 | CABDF00 |
|             | R097231 | CABDF00 |
|             | R097188 | CABDF00 |
|             | R097186 | CABDF00 |
|             | R097121 | CAVEF00 |
|             | R096908 | CAVEF00 |
|             | R096359 | CABDF00 |
| CAR1708     | R097161 | CABDF00 |
|             | R096724 | CAVEF00 |
|             | R096123 | CAVEF00 |
|             | R095957 | CAVEF00 |
|             | R095762 | CAVEF00 |
|             | R095349 | CAVEF00 |
|             | R095016 | CAVEF00 |
| CAR1707     | R096765 | CAADF00 |
|             | R096707 | CAYTF02 |
|             | R096519 | CABDF00 |
|             | R096198 | CABDF00 |
|             | R095925 | CAADF00 |
|             | R094563 | CABDF00 |
|             | R093880 | CAADF00 |
| CAR1706     | R096345 | CAADF00 |
|             | R096028 | CABDF00 |
|             | R095931 | CABDF00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R095896 | CABDF00 |
|             | R095824 | CABDF00 |
|             | R095595 | CABDF00 |
|             | R095091 | CABDF00 |
|             | R095060 | CAADF00 |
|             | R094698 | CAADF00 |
| CAR1705     | R095838 | CAAXF00 |
|             | R095733 | CAVEF00 |
|             | R095088 | CABDF00 |
| CAR1704     | R095035 | CABDF00 |
|             | R094915 | CAVEF00 |
|             | R094881 | CAAXF00 |
|             | R094778 | CAADF00 |
|             | R094468 | CABDF00 |
|             | R094463 | CABDF00 |
|             | R094148 | CAVEF00 |
|             | R093676 | CAVEF00 |
|             | R093453 | CAVEF00 |
|             | R093402 | CAVEF00 |
|             | R093323 | CAVEF00 |
|             | R093267 | CAVEF00 |
| CAR1703     | R094442 | CAADF00 |
|             | R094434 | CABDF00 |
|             | R094404 | CAADF00 |
|             | R094304 | CABDF00 |
|             | R094178 | CABDF00 |
|             | R094164 | CABDF00 |
|             | R093845 | CABDF00 |
|             | R092676 | CABDF00 |
| CAR1702     | R094089 | CABDF00 |
|             | R094087 | CAAXF00 |
|             | R093667 | CAVEF00 |
|             | R093604 | CAVEF00 |
|             | R093555 | CABDF00 |
|             | R093515 | CABDF00 |
|             | R093486 | CAYTF00 |
| CAR1701     | R093505 | CABDF00 |
|             | R093497 | CAAXF00 |
|             | R093407 | CABDF00 |
|             | R093379 | CABDF00 |
|             | R093366 | CAADF00 |
|             | R093306 | CAVEF00 |
|             | R093211 | CABDF00 |
|             | R093179 | CABDF00 |
|             | R093083 | CABDF00 |
|             | R092900 | CAVEF00 |
|             | R092700 | CABDF00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R092663 | CAYTF02 |
|             | R092484 | CABDF00 |
| CAR1612     | R093097 | CABDF00 |
|             | R093089 | CABDF00 |
|             | R093062 | CABDF00 |
|             | R093026 | CABDF00 |
|             | R092776 | CABDF00 |
|             | R092285 | CABDF00 |
|             | R091837 | CABDF00 |
| CAR1611     | R092737 | CAADF00 |
|             | R092399 | CABDF00 |
|             | R092281 | CAVEF00 |
|             | R092248 | CABDF00 |
|             | R092103 | CABDF00 |
|             | R091449 | CABDF00 |
|             | R091393 | CABDF00 |
| CAR1610     | R092172 | CAVEF00 |
|             | R092008 | CAVEF00 |
|             | R091991 | CAVEF00 |
|             | R091956 | CAAXF00 |
|             | R091812 | CABDF00 |
|             | R091649 | CABDF00 |
|             | R091580 | CAVEF00 |
|             | R091216 | CABDF00 |
| CAR1609     | R091685 | CAADF00 |
|             | R091496 | CABDF00 |
|             | R091474 | CABDF00 |
|             | R091426 | CABDF00 |
|             | R091354 | CABDF00 |
|             | R091295 | CABDF00 |
|             | R091164 | CABDF00 |
|             | R091001 | CAAXF00 |
|             | R090997 | CAVEF00 |
|             | R090972 | CABDF00 |
|             | R090728 | CABDF00 |
| CAR1608     | R091112 | CAVEF00 |
|             | R090970 | CABDF00 |
|             | R090968 | CABDF00 |
|             | R090966 | CAADF00 |
|             | R090939 | CAADF00 |
|             | R090915 | CABDF00 |
|             | R090877 | CABDF00 |
|             | R090695 | CAVQF00 |
|             | R090405 | CAVEF00 |
|             | R089818 | CABDF00 |
|             | R089160 | CAYTF02 |
|             | R089159 | CAYTF00 |

CA Datacom/AD 15.0  
All CA RS Levels Service List

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R088304 | CAADF00 |
|             | R086742 | CABDF00 |
| CAR1607     | R090822 | CABDF00 |
|             | R090730 | CAADF00 |
|             | R090557 | CAVEF00 |
|             | R090470 | CAVEF00 |
|             | R090378 | CAAXF00 |
|             | R090272 | CAVEF00 |
|             | R090221 | CABDF00 |
|             | R090187 | CABDF00 |
| CAR1606     | R090178 | CABDF00 |
|             | R090157 | CAVEF00 |
|             | R090067 | CAADF00 |
|             | R090052 | CAAXF00 |
|             | R090043 | CAVEF00 |
|             | R090011 | CABDF00 |
|             | R089957 | CABDF00 |
|             | R089593 | CABDF00 |
|             | R089588 | CAVEF00 |
|             | R089477 | CAVQF00 |
|             | R089276 | CAVEF00 |
|             | R089082 | CAVQF00 |
| CAR1605     | R089519 | CAVEF00 |
|             | R089518 | CAVEF00 |
|             | R089473 | CABDF00 |
|             | R089348 | CAVEF00 |
|             | R089338 | CABDF00 |
|             | R089163 | CABDF00 |
|             | R089016 | CAYTF02 |
|             | R088610 | CAVEF00 |
| CAR1604     | R089125 | CABDF00 |
|             | R089021 | CABDF00 |
|             | R088959 | CABDF00 |
|             | R088911 | CABDF00 |
|             | R088875 | CABDF00 |
|             | R088868 | CABDF00 |
|             | R088813 | CABDF00 |
|             | R088616 | CAVEF00 |
|             | R088542 | CAADF00 |
|             | R088440 | CAVEF00 |
|             | R088393 | CAVEF00 |
|             | R088391 | CAVEF00 |
|             | R088365 | CABDF00 |
|             | R088293 | CABDF00 |
|             | R088157 | CAYTF02 |
|             | R088156 | CAYTF00 |
|             | R087666 | CAYTF02 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
| CAR1603     | R088227 | CAVEF00 |
|             | R088189 | CAVEF00 |
|             | R088176 | CAVEF00 |
|             | R088154 | CABDF00 |
|             | R088132 | CABDF00 |
|             | R088081 | CABDF00 |
|             | R087989 | CABDF00 |
|             | R087938 | CABDF00 |
|             | R087913 | CAADF00 |
|             | R087861 | CAVEF00 |
|             | R087765 | CABDF00 |
|             | R087554 | CAADF00 |
|             | R087529 | CABDF00 |
|             | R086589 | CAVEF00 |
| CAR1602     | R087800 | CABDF00 |
|             | R087686 | CABDF00 |
|             | R087518 | CABDF00 |
|             | R087495 | CABDF00 |
|             | R087472 | CABDF00 |
|             | R087471 | CABDF00 |
|             | R087452 | CAADF00 |
|             | R087444 | CAADF00 |
|             | R087282 | CAADF00 |
|             | R087274 | CABDF00 |
|             | R087217 | CABDF00 |
|             | R087023 | CABDF00 |
|             | R081768 | CAYTF02 |
|             | R079335 | CAYTF02 |
|             | R079251 | CAYTF02 |
|             | R076353 | CAYTF02 |
|             | R074101 | CAYTF02 |
|             | R073679 | CAYTF02 |
| CAR1601     | R087088 | CAADF00 |
|             | R087047 | CABDF00 |
|             | R086854 | CAADF00 |
|             | R086717 | CABDF00 |
|             | R086614 | CAADF00 |
| CAR1512     | R086588 | CABDF00 |
|             | R086400 | CABDF00 |
|             | R086346 | CAADF00 |
|             | R086318 | CABDF00 |
|             | R086101 | CABDF00 |
|             | R085869 | CABDF00 |
|             | R085846 | CAVEF00 |
| CAR1511     | R085798 | CAVEF00 |
|             | R085671 | CAVEF00 |
|             | R085592 | CABDF00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R085559 | CABDF00 |
|             | R085518 | CAADF00 |
|             | R085408 | CABDF00 |
|             | R085366 | CABDF00 |
|             | R085363 | CABDF00 |
|             | R085202 | CAADF00 |
|             | R085201 | CAVEF00 |
|             | R085024 | CAVEF00 |
|             | R084959 | CAVEF00 |
|             | R084950 | CABDF00 |
|             | R084928 | CABDF00 |
|             | R084892 | CAVEF00 |
|             | R084885 | CAVEF00 |
|             | R084876 | CAVEF00 |
|             | R084825 | CAVEF00 |
|             | R084805 | CAVEF00 |
|             | R084797 | CAVEF00 |
|             | R084670 | CAVEF00 |
|             | R084658 | CABDF00 |
|             | R084647 | CABDF00 |
|             | R084398 | CAVEF00 |
|             | R084145 | CAVEF00 |
|             | R079826 | CABDF00 |
| CAR1510     | R084934 | CAADF00 |
|             | R084793 | CABDF00 |
|             | R084762 | CAADF00 |
|             | R084703 | CAADF00 |
|             | R084635 | CABDF00 |
|             | R084605 | CABDF00 |
|             | R084452 | CAVEF00 |
|             | R084442 | CAVEF00 |
|             | R084436 | CAVEF00 |
|             | R084356 | CAVEF00 |
|             | R084293 | CABDF00 |
|             | R084240 | CABDF00 |
|             | R083755 | CABDF00 |
|             | R081529 | CABDF00 |
| CAR1509     | R083799 | CABDF00 |
|             | R083721 | CABDF00 |
|             | R083547 | CAADF00 |
|             | R083461 | CABDF00 |
|             | R083456 | CAVQF00 |
|             | R083425 | CABDF00 |
|             | R083154 | CABDF00 |
|             | R083102 | CAVEF00 |
|             | R083077 | CABDF00 |
| CAR1508     | R083166 | CAVEF00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R083027 | CABDF00 |
|             | R082947 | CAVEF00 |
|             | R082922 | CAVEF00 |
|             | R082864 | CABDF00 |
|             | R082860 | CAADF00 |
|             | R081162 | CAVEF00 |
|             | R078702 | CAVEF00 |
| CAR1507     | R082479 | CAVEF00 |
|             | R082205 | CABDF00 |
|             | R082156 | CABDF00 |
|             | R082108 | CABDF00 |
|             | R081931 | CABDF00 |
|             | R081820 | CABDF00 |
|             | R081721 | CAYTF00 |
|             | R081612 | CABDF00 |
|             | R078807 | CAVEF00 |
| CAR1506     | R081525 | CABDF00 |
|             | R081285 | CABDF00 |
|             | R081240 | CABDF00 |
|             | R081155 | CABDF00 |
|             | R081127 | CABDF00 |
|             | R081000 | CABDF00 |
|             | R080917 | CABDF00 |
|             | R080872 | CAVEF00 |
|             | R080137 | CAYTF00 |
|             | R080123 | CABDF00 |
| CAR1505     | R080804 | CAVEF00 |
|             | R080771 | CAVEF00 |
|             | R080767 | CAVEF00 |
|             | R080634 | CAADF00 |
|             | R080556 | CABDF00 |
|             | R080417 | CABDF00 |
|             | R080374 | CABDF00 |
|             | R080212 | CAVQF00 |
|             | R080173 | CABDF00 |
|             | R080084 | CABDF00 |
|             | R079989 | CABDF00 |
|             | R079585 | CAVQF00 |
|             | R079334 | CAYTF00 |
|             | R079042 | CAVQF00 |
|             | R077832 | CABDF00 |
|             | R075168 | CAVQF00 |
|             | R074448 | CABDF00 |
| CAR1504     | R079688 | CABDF00 |
|             | R079678 | CAVEF00 |
|             | R079539 | CABDF00 |
|             | R079439 | CAVEF00 |

| CA RS Level | Service | FMID    |
|-------------|---------|---------|
|             | R079425 | CAVEF00 |
|             | R079250 | CAYTF00 |
|             | R079086 | CAVEF00 |
|             | R078796 | CAVEF00 |
|             | R077114 | CAVEF00 |
| CAR1503     | R078731 | CAVEF00 |
|             | R078730 | CABDF00 |
|             | R078697 | CAVEF00 |
|             | R078683 | CAVEF00 |
|             | R078557 | CAVEF00 |
|             | R078206 | CABDF00 |
|             | R078150 | CABDF00 |
|             | R078133 | CAVEF00 |
|             | R077658 | CABDF00 |
| CAR1502     | R077621 | CAADF00 |
|             | R077246 | CABDF00 |
|             | R077089 | CAADF00 |
| CAR1501     | R077059 | CABDF00 |
|             | R076058 | CABDF00 |
|             | R075752 | CABDF00 |
|             | R075689 | CAADF00 |
|             | R073037 | CAVEF00 |
| CAR1412     | R075649 | CAADF00 |
|             | R075643 | CAVEF00 |
|             | R075411 | CAVEF00 |
|             | R075397 | CAVQF00 |
|             | R075194 | CAADF00 |
|             | R074331 | CABDF00 |
|             | R074322 | CAVEF00 |
| CAR1411     | R075289 | CAVEF00 |
|             | R075038 | CAADF00 |
|             | R074875 | CABDF00 |
|             | R074860 | CAVEF00 |
|             | R074608 | CABDF00 |
|             | R074092 | CAVEF00 |
|             | R074085 | CABDF00 |
|             | R074081 | CAVQF00 |
|             | R074070 | CABDF00 |
|             | R074060 | CABDF00 |
|             | R074058 | CAADF00 |
|             | R074018 | CABDF00 |
|             | R074017 | CABDF00 |
|             | R074016 | CABDF00 |
|             | R074004 | CAVEF00 |
|             | R073989 | CABDF00 |
|             | R073988 | CAVEF00 |
|             | R073987 | CABDF00 |

| CA RS<br>Level | Service | FMID    |
|----------------|---------|---------|
|                | R073785 | CAYTF00 |
|                | R073777 | CABDF00 |
|                | R073508 | CAYTF00 |
|                | R073490 | CAADF00 |
|                | R073389 | CABDF00 |
|                | R073203 | CAVEF00 |
|                | R073094 | CABDF00 |
|                | R072842 | CAADF00 |
|                | R072714 | CABDF00 |
|                | R072582 | CAADF00 |