Issue :

Jboss EAP : **jboss-eap-6.4.0**

Data Virtualization Platform : **jboss-dv-installer-6.2.0.redhat-3**

**Problem Details:**

I have created a sample VDB to read data from XML file. The VDB file is deployed successfully and my

Test connection for datasource is also successful from Jboss console UI.

While running below mentioned client code I am getting “org.jboss.jca.adapters.jdbc.WrapperDataSource is was not a ConnectionFactory implementation at org.teiid.jdbc.TeiidSQLException.create(TeiidSQLException.java:135)” exception .

Following is the JNDI ” java:/SourceModel” configured in the Jboss server . I tried in both Standalone, Domain server configuration with

Datasource , xa datasource always got the following error trace .

**Error Stacktrace**

org.teiid.jdbc.StatementImpl@6b67034

false

============================

org.teiid.jdbc.TeiidSQLException: TEIID30504 Remote org.teiid.core.TeiidProcessingException: TEIID30504 SourceModel: org.jboss.jca.adapters.jdbc.WrapperDataSource is was not a ConnectionFactory implementation

 at org.teiid.jdbc.TeiidSQLException.create(TeiidSQLException.java:135)

 at org.teiid.jdbc.TeiidSQLException.create(TeiidSQLException.java:71)

 at org.teiid.jdbc.StatementImpl.postReceiveResults(StatementImpl.java:667)

 at org.teiid.jdbc.StatementImpl.access$100(StatementImpl.java:63)

 at org.teiid.jdbc.StatementImpl$2.onCompletion(StatementImpl.java:515)

 at org.teiid.client.util.ResultsFuture.done(ResultsFuture.java:135)

 at org.teiid.client.util.ResultsFuture.access$200(ResultsFuture.java:40)

 at org.teiid.client.util.ResultsFuture$1.receiveResults(ResultsFuture.java:79)

 at org.teiid.net.socket.SocketServerInstanceImpl.receivedMessage(SocketServerInstanceImpl.java:264)

 at org.teiid.net.socket.SocketServerInstanceImpl.read(SocketServerInstanceImpl.java:302)

 at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

 at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)

 at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)

 at java.lang.reflect.Method.invoke(Method.java:483)

 at org.teiid.net.socket.SocketServerConnectionFactory$ShutdownHandler.invoke(SocketServerConnectionFactory.java:98)

 at com.sun.proxy.$Proxy1.read(Unknown Source)

 at org.teiid.net.socket.SocketServerInstanceImpl$RemoteInvocationHandler$1.get(SocketServerInstanceImpl.java:401)

 at org.teiid.jdbc.StatementImpl.executeSql(StatementImpl.java:524)

 at org.teiid.jdbc.StatementImpl.executeSql(StatementImpl.java:393)

 at org.teiid.jdbc.StatementImpl.executeQuery(StatementImpl.java:327)

 at samples.customerlist.TeiidClient.execute(TeiidClient.java:76)

 at samples.customerlist.TeiidClient.<init>(TeiidClient.java:33)

 at samples.customerlist.TeiidClient.main(TeiidClient.java:110)

Caused by: org.teiid.core.TeiidProcessingException: TEIID30504 Remote org.teiid.core.TeiidProcessingException: TEIID30504 SourceModel: org.jboss.jca.adapters.jdbc.WrapperDataSource is was not a ConnectionFactory implementation

 at org.teiid.dqp.internal.process.DataTierTupleSource.exceptionOccurred(DataTierTupleSource.java:381)

 at org.teiid.dqp.internal.process.DataTierTupleSource.nextTuple(DataTierTupleSource.java:154)

 at org.teiid.query.processor.relational.AccessNode.nextBatchDirect(AccessNode.java:369)

 at org.teiid.query.processor.relational.RelationalNode.nextBatch(RelationalNode.java:278)

 at org.teiid.query.processor.relational.ProjectNode.nextBatchDirect(ProjectNode.java:146)

 at org.teiid.query.processor.relational.RelationalNode.nextBatch(RelationalNode.java:278)

 at org.teiid.query.processor.BatchIterator.finalRow(BatchIterator.java:69)

 at org.teiid.common.buffer.AbstractTupleSource.getCurrentTuple(AbstractTupleSource.java:70)

 at org.teiid.query.processor.BatchIterator.getCurrentTuple(BatchIterator.java:84)

 at org.teiid.common.buffer.AbstractTupleSource.hasNext(AbstractTupleSource.java:92)

 at org.teiid.query.processor.relational.NestedTableJoinStrategy.process(NestedTableJoinStrategy.java:101)

 at org.teiid.query.processor.relational.JoinNode.nextBatchDirect(JoinNode.java:211)

 at org.teiid.query.processor.relational.RelationalNode.nextBatch(RelationalNode.java:278)

 at org.teiid.query.processor.relational.ProjectNode.nextBatchDirect(ProjectNode.java:146)

 at org.teiid.query.processor.relational.RelationalNode.nextBatch(RelationalNode.java:278)

 at org.teiid.query.processor.relational.RelationalPlan.nextBatch(RelationalPlan.java:136)

 at org.teiid.query.processor.QueryProcessor.nextBatchDirect(QueryProcessor.java:151)

 at org.teiid.query.processor.QueryProcessor.nextBatch(QueryProcessor.java:114)

 at org.teiid.query.processor.BatchCollector.collectTuples(BatchCollector.java:159)

 at org.teiid.query.processor.BatchCollector.collectTuples(BatchCollector.java:141)

 at org.teiid.dqp.internal.process.RequestWorkItem.processMore(RequestWorkItem.java:444)

 at org.teiid.dqp.internal.process.RequestWorkItem.process(RequestWorkItem.java:326)

 at org.teiid.dqp.internal.process.AbstractWorkItem.run(AbstractWorkItem.java:51)

 at org.teiid.dqp.internal.process.RequestWorkItem.run(RequestWorkItem.java:254)

 at org.teiid.dqp.internal.process.DQPWorkContext.runInContext(DQPWorkContext.java:274)

 at org.teiid.dqp.internal.process.ThreadReuseExecutor$RunnableWrapper.run(ThreadReuseExecutor.java:119)

 at org.teiid.dqp.internal.process.ThreadReuseExecutor$3.run(ThreadReuseExecutor.java:210)

 at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1142)

 at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:617)

 at java.lang.Thread.run(Thread.java:745)

Caused by: org.teiid.core.TeiidException: Remote org.teiid.translator.TranslatorException: org.jboss.jca.adapters.jdbc.WrapperDataSource is was not a ConnectionFactory implementation

 at org.teiid.dqp.internal.datamgr.ConnectorWorkItem.handleError(ConnectorWorkItem.java:274)

 at org.teiid.dqp.internal.datamgr.ConnectorWorkItem.execute(ConnectorWorkItem.java:332)

 at org.teiid.dqp.internal.process.DataTierTupleSource.getResults(DataTierTupleSource.java:298)

 at org.teiid.dqp.internal.process.DataTierTupleSource$1.call(DataTierTupleSource.java:110)

 at org.teiid.dqp.internal.process.DataTierTupleSource$1.call(DataTierTupleSource.java:107)

 at java.util.concurrent.FutureTask.run(FutureTask.java:266)

 at org.teiid.dqp.internal.process.FutureWork.run(FutureWork.java:58)

 ... 6 more

Caused by: java.lang.Error: Remote java.lang.AssertionError: org.jboss.jca.adapters.jdbc.WrapperDataSource is was not a ConnectionFactory implementation

 at org.teiid.translator.ExecutionFactory.getConnection(ExecutionFactory.java:178)

 at org.teiid.translator.ExecutionFactory.getConnection(ExecutionFactory.java:194)

 at org.teiid.dqp.internal.datamgr.ConnectorWorkItem.execute(ConnectorWorkItem.java:293)

 ... 11 more

**Sample Client Code:**

import java.sql.Connection;

import java.sql.Driver;

import java.sql.DriverManager;

import java.sql.ResultSet;

import java.sql.ResultSetMetaData;

import java.sql.SQLException;

import java.sql.Statement;

import java.util.Enumeration;

import java.util.Properties;

import javax.naming.Context;

import javax.naming.InitialContext;

import javax.sql.DataSource;

import org.teiid.jdbc.TeiidDataSource;

public class TeiidClient {

 private static final String JDBC\_URL = "jdbc:teiid:SampleTeiidVDB@mm://localhost:31000";

 private static final String SQL

 = "SELECT \* FROM CustomerData";

 /\*\*

 \*

 \*/

 public TeiidClient() throws Exception {

 this.execute(getDriverConnection(), SQL);

 //this.execute(getDataSrcConn(), SQL);

 }

 /\*\*

 \*

 \* @return

 \* @throws Exception

 \*/

 private Connection getDriverConnection() throws Exception {

 //Class.forName("org.teiid.jdbc.TeiidDriver");

 Class.forName("org.teiid.jdbc.TeiidDataSource");

 return DriverManager.getConnection(TeiidClient.JDBC\_URL,"teiidUser","Password#");

 }

 private Connection getDataSrcConn() throws Exception {

 TeiidDataSource ds = new TeiidDataSource();

 ds.setDatabaseName("SampleTeiidVDB");

 ds.setUser("teiidUser");

 ds.setPassword("password#");

 ds.setServerName("localhost");

 ds.setPortNumber(Integer.valueOf(31000));

 ds.setShowPlan("on"); //turn show plan on

 return ds.getConnection();

 }

 /\*\*

 \*

 \* @param connection

 \* @param sql

 \* @throws Exception

 \*/

 private void execute(Connection connection, String sql) throws Exception {

 try {

 Statement statement = connection.createStatement();

System.out.println(statement.toString());

System.out.println(statement.isClosed());

 ResultSet results = statement.executeQuery(sql);

 ResultSetMetaData metadata = results.getMetaData();

 int columns = metadata.getColumnCount();

 for (int row = 1; results.next(); row++) {

 System.out.print(row + ": ");

 for (int i = 0; i < columns; i++) {

 if (i > 0) {

 System.out.print(",");

 }

 System.out.print(results.getString(i + 1));

 }

 System.out.println();

 }

 results.close();

 statement.close();

 } catch (SQLException e) {

 System.out.println("============================");

 e.printStackTrace();

 } finally {

 if (connection != null) {

 connection.close();

 }

 }

 }

 /\*\*

 \*

 \*/

 public static void main(String[] args) throws Exception {

 new TeiidClient();

 }

}