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WSO2 Microintegrator

Unable to find axis service for service name

Disable error message by adding this to deployment.toml

```
[transport.http]
reverseProxyMode=true
```

Copy data from one DB to another by dataservice

```
<data enableBatchRequests="true" name="transferMAIL" transports="http https local">
<!-- define source and destination -->
   <config enableOData="false" id="DataSource">
      <property name="driverClassName">org.mariadb.jdbc.Driver</property>
      <property name="url">jdbc:mariadb://host:3306/portal</property>
      <property name="username"></property>
      <property name="password"></property>
   </config>
   <config enableOData="false" id="DataDestination">
      <property name="driverClassName">org.mariadb.jdbc.Driver</property>
      <property name="url">jdbc:mariadb://host:3306/portal</property>
      <property name="username"></property>
      <property name="password"></property>
   </config>

<!-- truncate destionation table -->
   <query id="clean" useConfig="DataDestination">
      <sql>DELETE FROM yyy</sql>
   </query>

<!-- nested query insert data -->
   <query id="insertDATA" useConfig="DataDestination">
      <sql>INSERT INTO yyy (Email) VALUES (:Email)</sql>
      <param name="Email" sqlType="STRING"/>
   </query>

<!-- read and write data using nested query -->
   <query id="copy" useConfig="DataSource">
      <sql>SELECT Email FROM zzz</sql>
      <!-- loop data -->
      <result element="Entries" rowName="Entry">
         <element column="Email" name="Email" xsdType="string"/>
         <!-- insert data -->
         <call-query href="insertDATA" requiredRoles="">
            <with-param column="Email" name="Email"/>
         </call-query>
      </result>
   </query>

<!-- define operation -->
   <operation name="copy">
      <call-query href="copy"></call-query>
   </operation>
   <operation name="clean">
      <call-query href="clean"></call-query>
   </operation>
```

```
</data>
```

```
/usr/lib64/wos2/wso2ei
```

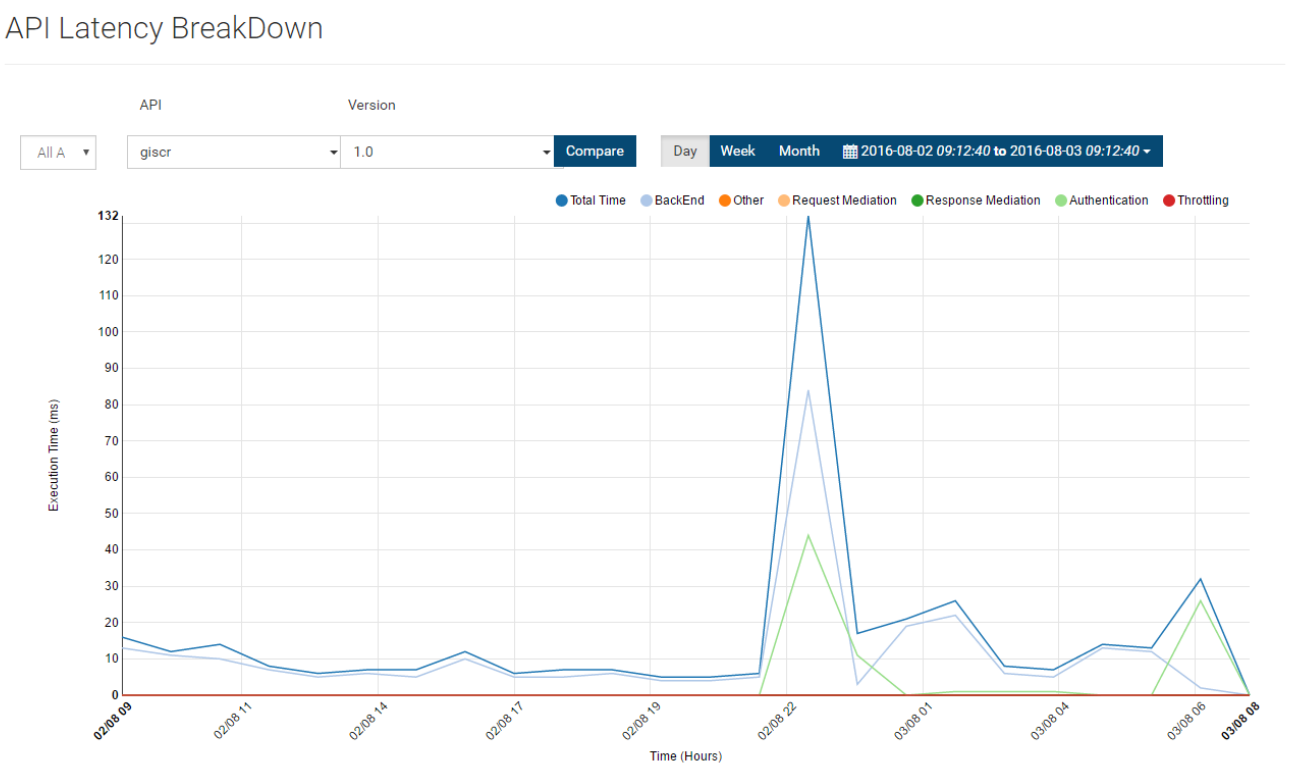
conf/datasources/master-datasources.xml

Autogenerated from deployment.toml!!!

```
<datasources-configuration xmlns:svns="http://org.wso2.securevault/configuration">
    <providers>
<provider>org.wso2.micro.integrator.ndatasource.rdbms.RDBMSDataSourceReader</provider>
    </providers>
    <datasources>
    <datasource><name>RCS</name><definition
type="RDBMS"><configuration><driverClassName>oracle.jdbc.driver.OracleDriver</driverClassName
><url>jdbc:oracle:thin:@10.160.177.37:1521/orapl</url><username>user</username><password
encrypted="false">pass</password></configuration></definition></datasource>
    </datasources>
</datasources-configuration>
```

WSO2 API Manager

API Manager with Analytics - There was a backup task (snapshot) at 23h GMT.



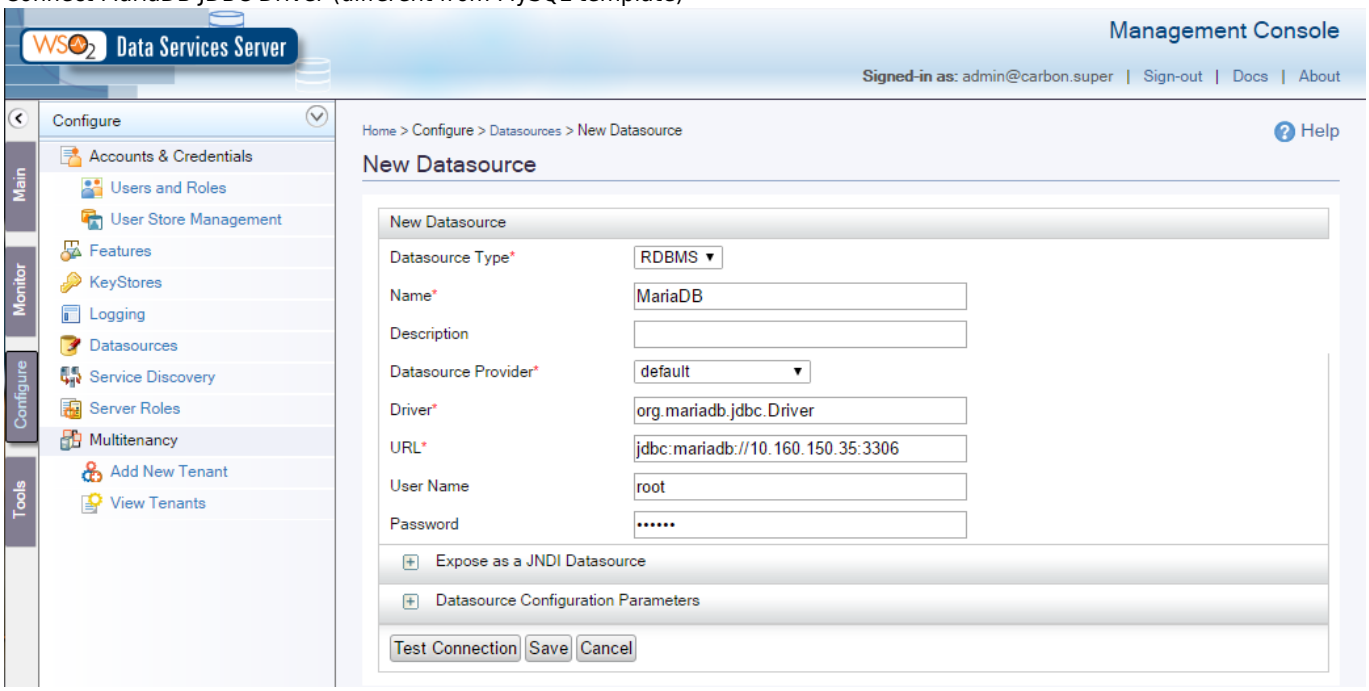
Mailtransport

```
<transportSender name="mailto" class="org.apache.axis2.transport.mail.MailTransportSender">
        <parameter name="mail.smtp.host">10.160.150.82</parameter>
```

```
        <parameter name="mail.smtp.port">25</parameter>
        <parameter name="mail.smtp.starttls.enable">false</parameter>
        <parameter name="mail.smtp.auth">false</parameter>
        <parameter name="mail.smtp.user"></parameter>
        <parameter name="mail.smtp.password"></parameter>
        <parameter name="mail.smtp.from">noreply@janforman.com</parameter>
    </transportSender>
```

Database connection

Connect MariaDB JDBC Driver (different from MySQL template)



WSO2 Data Services Server

Connect to PostgreSQL DB and create REST API XML / JSON

```
<data name="sde" transports="http https">
   <config id="sde">
      <property name="driverClassName">org.postgresql.Driver</property>
      <property name="url">jdbc:postgresql://10.160.150.86:5432/sde</property>
      <property name="username"></property>
      <property name="password"></property>
   </config>
   <query id="tabory" useConfig="sde">
      <sql>select nazev,jtskx,jtsky from tabory</sql>
      <result element="tabory" rowName="nazev">
         <element column="nazev" name="nazev" xsdType="string"/>
         <element column="jtskx" name="jtskx" xsdType="string"/>
         <element column="jtsky" name="jtsky" xsdType="string"/>
      </result>
   </query>
   <operation name="operation">
      <call-query href="tabory"/>
   </operation>
   <resource method="GET" path="tabory">
      <call-query href="tabory"/>
   </resource>
```

```
</data>
```

```
<data name="getJPOid" transports="http">
   <config enableOData="false" id="portal">
      <property name="driverClassName">org.mariadb.jdbc.Driver</property>
      <property name="url">jdbc:mariadb://10.0.0.0/global</property>
      <property name="username"></property>
      <property name="password"></property>
   </config>
   <query id="query" useConfig="portal">
      <sql>SELECT KATEGORIE,NAZEV_JPO,EVCJ,DP,STATUS,X,Y FROM global.jpo WHERE EVCJ = ?</sql>
      <result element="list" rowName="jpo">
         <element column="NAZEV_JPO" name="nazev_jpo" xsdType="string"/>
         <element column="X" name="lon" xsdType="string"/>
         <element column="Y" name="lat" xsdType="string"/>
         <element column="EVCJ" name="evcj" xsdType="string"/>
         <element column="KATEGORIE" name="kategorie" xsdType="string"/>
         <element column="DP" name="dp" xsdType="string"/>
         <element column="STATUS" name="status" xsdType="string"/>
      </result>
      <param name="evcj" sqlType="STRING"/>
   </query>
   <operation name="get">
      <call-query href="query">
         <with-param name="evcj" query-param="evcj"/>
      </call-query>
   </operation>
   <resource method="GET" path="/">
      <call-query href="query">
         <with-param name="evcj" query-param="evcj"/>
      </call-query>
   </resource>
</data>
```

```
<data name="getCHTS" transports="http">
   <config enableOData="false" id="rcs">
      <property name="driverClassName">oracle.jdbc.driver.OracleDriver</property>
      <property name="url">jdbc:oracle:thin:@IP:1521/orcl</property>
      <property name="username"></property>
      <property name="password"></property>
   </config>
   <query id="query" useConfig="rcs">
   <sql>SELECT K_VP_CHTS, N_VP_CHTS, VYROBCE_TYP, I_VP_CHTS, USER_KEY,(SELECT VYR_CISLO FROM
VP_CHTS_DSP WHERE VP_CHTS_DSP.K_VP_CHTS = VP_CHTS.K_VP_CHTS) AS VYR_CISLO FROM VP_CHTS WHERE
(KC_TPO = 501141 OR KC_TPO = 501145 OR KC_TPO = 501144) AND X_VP_CHTS = 1</sql>
         <result element="list" rowName="Lahev">
         <element column="K_VP_CHTS" name="CHTS_K" xsdType="string"/>
         <element column="N_VP_CHTS" name="CHTS_NAME" xsdType="string"/>
         <element column="VYROBCE_TYP" name="CHTS_TYPE" xsdType="string"/>
         <element column="I_VP_CHTS" name="CHTS_INFO" xsdType="string"/>
         <element column="VYR_CISLO" name="CHTS_VYRCISLO" xsdType="string"/>
         <element column="USER_KEY" name="CHTS_USERKEY" xsdType="string"/>
      </result>
   </query>
   <operation name="get">
      <call-query href="query"/>
   </operation>
   <resource method="GET" path="/">
      <call-query href="query"/>
   </resource>
</data>
```

json →

```
<query id='sample' useConfig='default'>
<sql>select * from Employees where id = ?</sql>
<result outputType='json'>
{ "employees":{
   "employee":[
               {
               "lastName":"$lastname",
               "firstName":"$firstname",
               }
              ]
             }
}
</result>
<param name='id' ordinal='1' sqlType="INTEGER"/>
</query>
```

Redirected to localhost?

```
carbon.xml file under /repository/conf folder.
Change <HostName>localhost</HostName> to your IP.
```

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