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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 enableOldData="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 enableOldData="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 destination 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

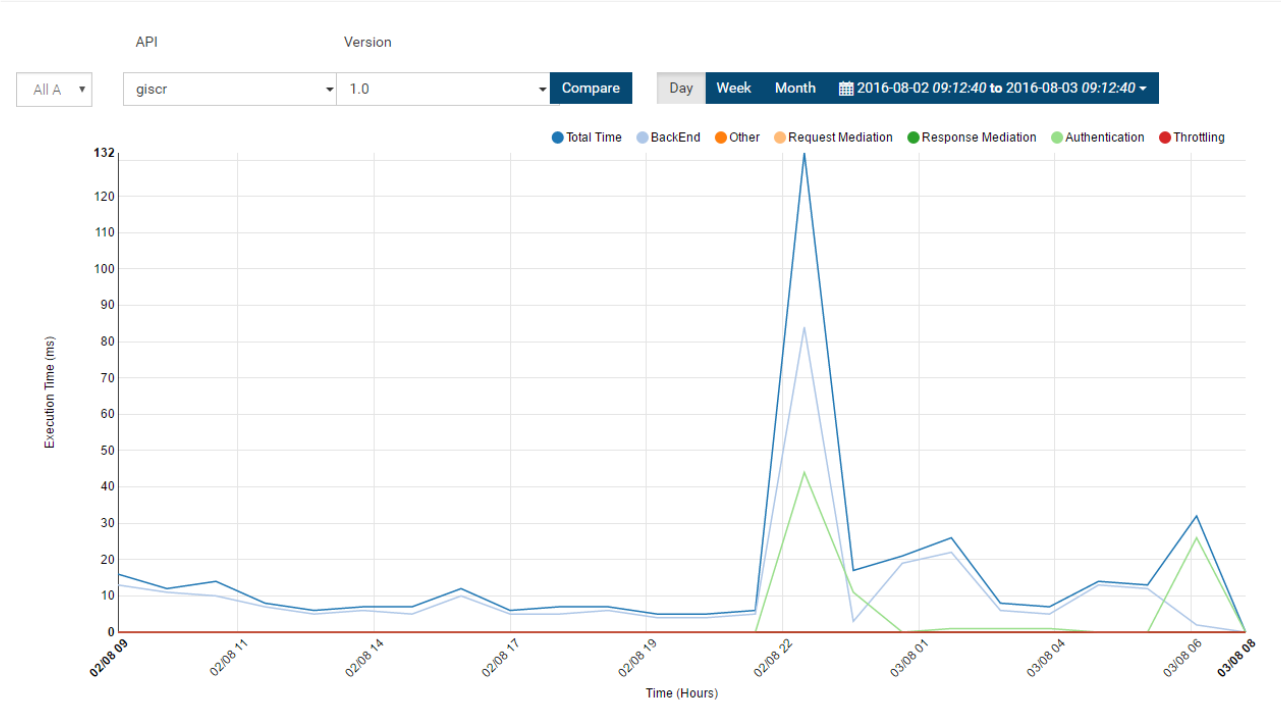
Autogenerated from deployment.toml!!!

```
<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.

API Latency BreakDown



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)

The screenshot shows the 'New Datasource' configuration page in the WSO2 Data Services Server Management Console. The page is titled 'New Datasource' and shows the following fields and options:

- Datasource Type***: RDBMS (dropdown)
- Name***: MariaDB (text input)
- Description**: (empty text input)
- Datasource Provider***: default (dropdown)
- Driver***: org.mariadb.jdbc.Driver (text input)
- URL***: jdbc:mariadb://10.160.150.35:3306 (text input)
- User Name**: root (text input)
- Password**: (masked text input)
- Expose as a JNDI Datasource**: (checkbox)
- Datasource Configuration Parameters**: (checkbox)
- Test Connection**, **Save**, **Cancel**: (buttons)

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>
```

```
<data name="getJP0id" transports="http">
  <config enableOldData="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 enableOldData="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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