# DRS-Database Rest Services

Quick Configuration

# DRS – Database Rest Services - Quick Configuration

This document presents a sequence for creating the necessary records to have a database ready to use after installation. The meaning of the fields present in the pages is described in the SDD document.

This sequence assumes the the DRS application is started using the line:

```
java -Dspring.config.location=<setup folder>\sdd.properties
     -DconfigDir=<setup folder> -jar DRS.war
```

where **<setup folder>** is the folder that contains the drs.properties and all properties to access the databases defined in the DRS application. The drs.properties can be copied from GitHub and adapted to meet the current environment.

The first page sent is the login page. In this case, the only user that can be used is the **ADMIN**, and the password is **admin**, inserted as part of the installation.

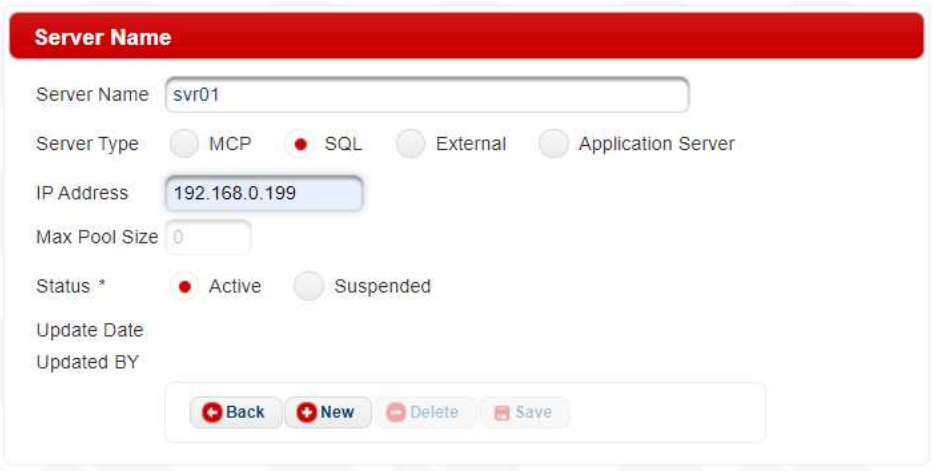
The environment is displayed on this page and this environment must be defined after the login.


If the username and password are informed correctly, the menu page is displayed. The corresponding environment is displayed in the upper left corner of the page and the current user is displayed in the upper right corner.


The only information present in the database is the record related to the user ADMIN. Selecting the menu **Admin** and the option **Users**, the **Users** query page is displayed with only one record.


The next step is to create a server. In the **Admin** menu, select **Servers**. The server query page is displayed and is empty.


By pressing the **Add New Server** button, the server page is sent. The **Server Name** can be the network name or an alias.




In this case, the server svr01 has an IP address of 192.168.0.199. The server type selected is SQL, which means the connection will use a JDBC connection and a relational database.

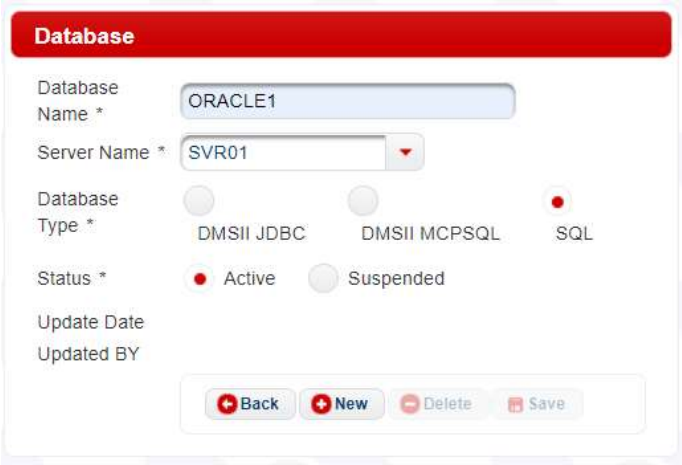
The next step is related to the database to be accessed. The configuration is made by selecting the menu **Admin** and the **Databases** option. The databases query page is displayed.


By pressing the Add New Database, the database page is shown. To define a database, it is necessary to define the **Database Name** and the **Server Name** where this database is present.

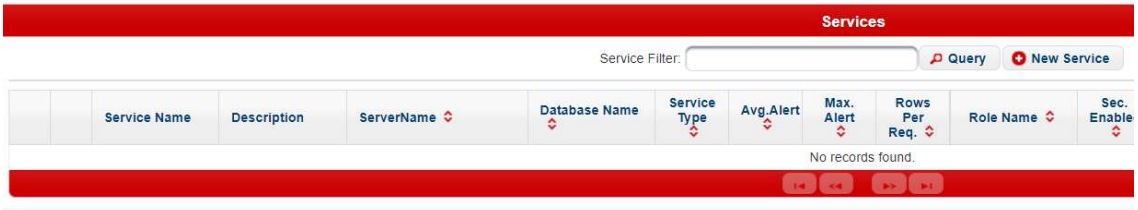
If the database type is **DMSII MCPSQL**, the database name must have the same name defined in the **MCPSQL/CONFIG** file. The file **mcpsql.properties** must be present in the **SWDIR_SETUP** folder. GitHub has a sample of this file (**mcpsql.properties)**.

If the database type is DMSII JDBC, the database name must have the name used in the configuration file stored in the folder pointed by the **SWDIR_SETUP** environment variable. If the database name is **DBTST**, the file **DBTST.properties** must be present in the **SWDIR_SETUP** folder. GitHub has a sample of this file named DMSII_JDBC.properties.

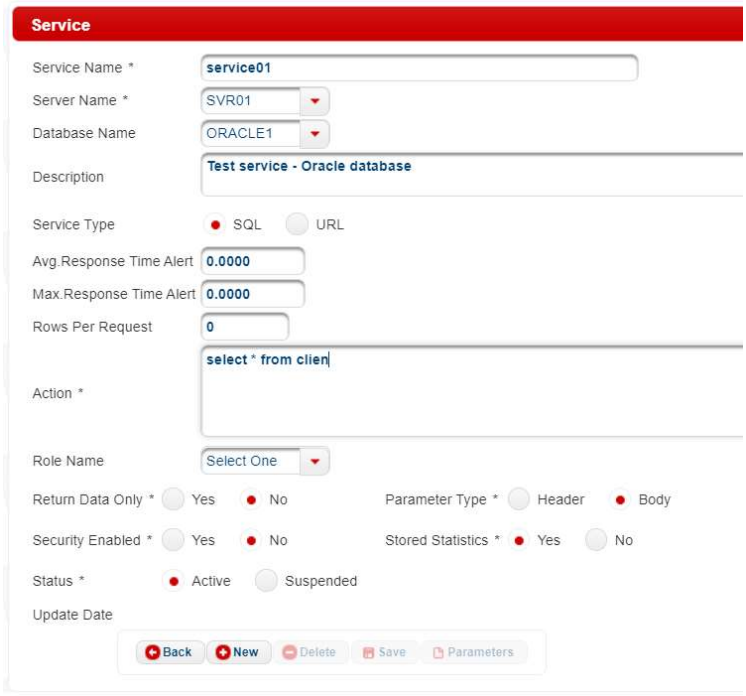
The database type selected in this sequence is SQL, which means that the properties file with the configuration must be present in the SWDIR_SETUP directory with the name ORACLE1.properties. The sample properties file for this database type can be accessed in GitHub, with the name JDBC.properties.



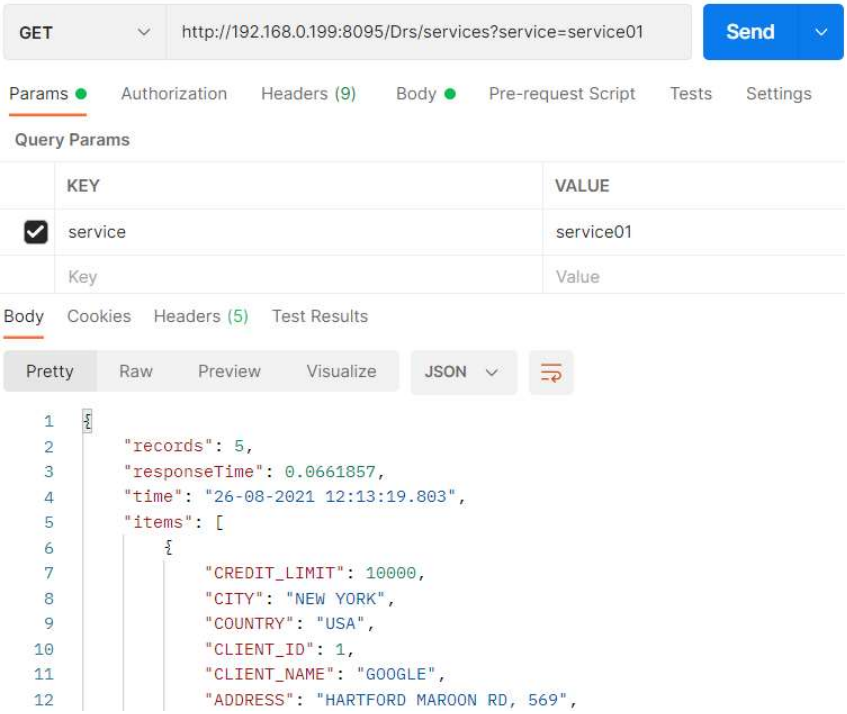

After the database creation, the first service can be defined. Select **Services** on the **Services** menu and the query page will be displayed with no records.




By pressing the **New Service** button, the service detail page is shown.




After creating the record, the service is ready to be used. You can run Postman to request the service **service01**.


GET
http://192.168.0.199:8095/Drs/services?service=service01
Send
Params
Authorization
Headers (9)
Body
Pre-request Script
Tests
Settings
Query Params
KEY
VALUE
service
service01
Key
Value
Body
Cookies
Headers (5)
Test Results
Pretty
Raw
Preview
Visualize
JSON
{
"records": 5,
"responseTime": 0.0661857,
"time": "26-08-2021 12:13:19.803",
"items": [
{
"CREDIT_LIMIT": 10000,
"CITY": "NEW YORK",
"COUNTRY": "USA",
"CLIENT_ID": 1,
"CLIENT_NAME": "GOOGLE",
"ADDRESS": "HARTFORD MAROON RD, 569",