# Genesys Rules System Deployment Guide

Configuring the Rules Repository Database using Configuration Manager

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# Configuring the Rules Repository Database using Configuration Manager

This procedure creates and configures the database that will be used as the Rules Repository by using Configuration Manager.

Most database distributions include the JDBC connector that is needed; if this is not the case, you must download it from the vendor's site. Genesys does not provide the JDBC connector.

### Important

Genesys Rules System 8.5.3 can use only Java 8. Java 7 is no longer supported in release 8.5.3.

Once the configuration below is complete, the same database configuration will be used whenever GRAT is installed or updated. There will be no need to specify it again. Also, if any of the database information changes (for example, DB Server location, DB name, DB user or DB password), users can simply update the DAP and restart GRAT.

## Prerequisites

Either Oracle 11g or 12c or Microsoft SQL or DB2, or PostGRE SQL 9.x
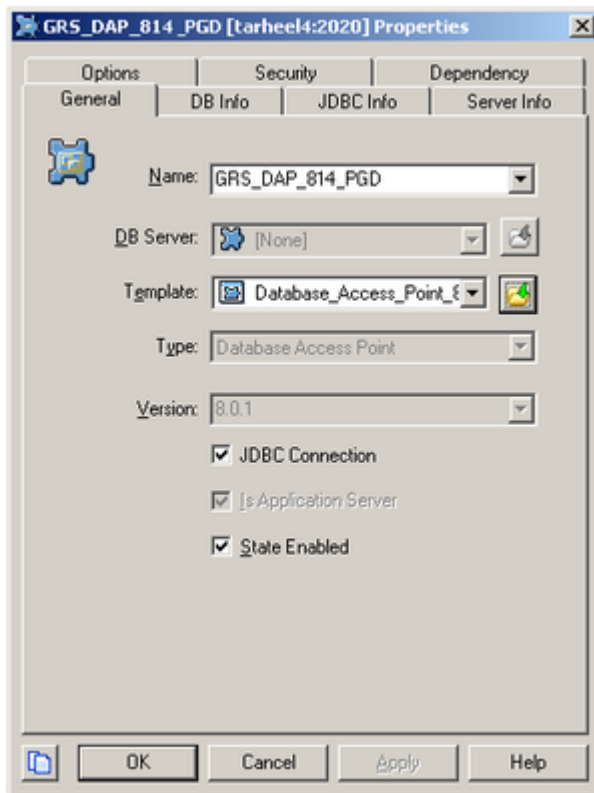
### Important

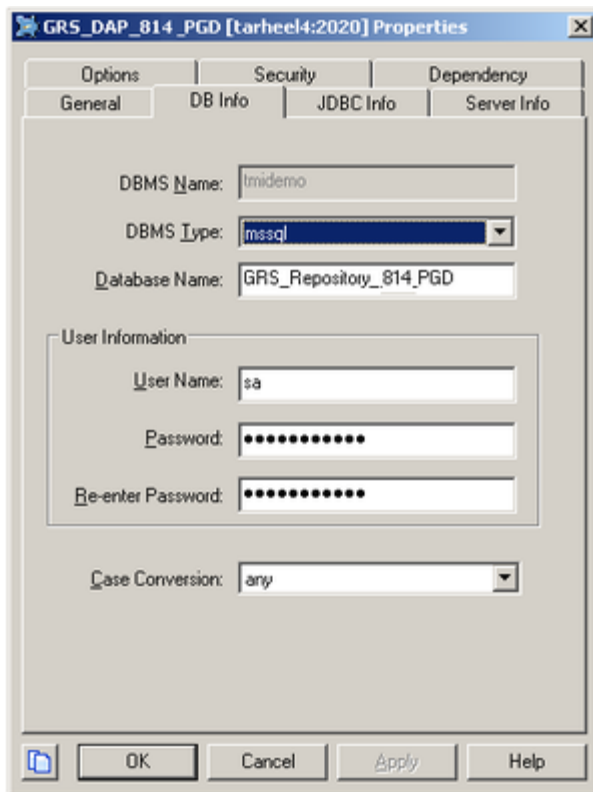Support for Oracle 10g is discontinued in GRS 8.5.

## Procedure

1.  Create a new database using the normal DBMS procedures for the database type you are working with. There is no need to create tables within this database—it will be populated by GRAT automatically on startup.

2.  In Configuration Manager, right-click the **Environment > Applications** folder and select **New > Application**. This opens the **Browse** dialog box that lists the available application templates.

3.  In the **Browse** dialog box, select the DAP template file, and click OK. This opens the **Properties** dialog box for the new DAP `Application` object.
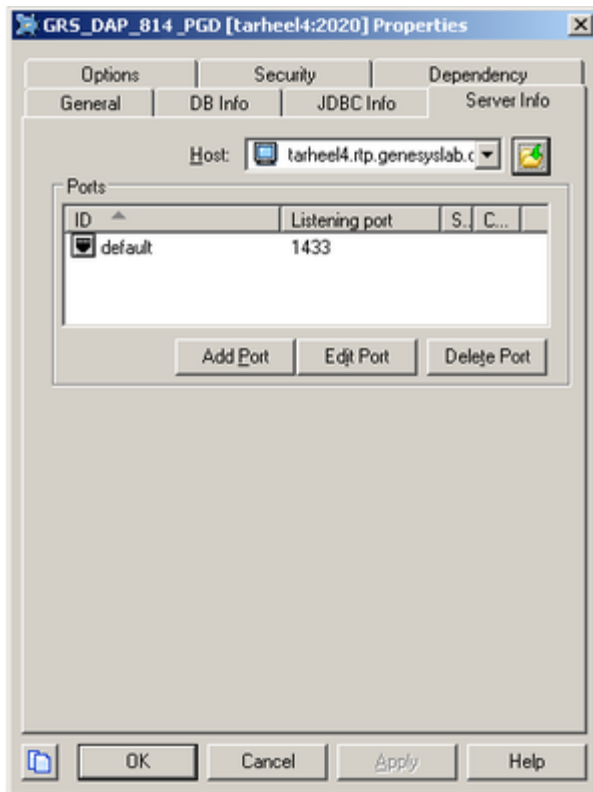
4. On the **General** tab:



a. Enter a name for the DAP. A DAP can have the same name as the database itself. However, it is recommended that you make their names unique if you are using multiple access points for the same database.

b. Do not enter anything in the **DB Server** field.

c. Select the **JDBC Connection** check box. This will disable the **DBMS Name** field on the **DB Info** tab.

d. Ensure that the **State Enabled** check box is checked.

5. On the **DB Info** tab:

    a. Enter the DBMS type, database name, username, and password. The database username must have full permissions to this database in order to create the tables. GRAT uses these database credentials when it starts for the first time in order to create the necessary database schema.

    b. Set Case Conversion to any, and leave the **DBMS Name** field clear.

3. On the **JDBC Info** tab, set the following values:

    a. **Role** field—Main

    b. **Debug** field—Unknown

    c. **Query Timeout** field—0 (zero)

4. On the **Server Info** tab, enter the host name and port number.

5. Add this newly created DAP to the **Connections** tab of the GRAT Application object.