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# Genesys Rules System Deployment Guide

Migration

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# Migration

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### Migration to 8.5.001 from 8.5.0

1. Undeploy the 8.5.0 .war file from your application server.

#### Important

Do not just copy the 8.5.0001 .war file over the 8.5.0 .war file in your application server directory. Genesys recommends undeploying the previous file first and letting the application server clean up its files, then deploying the new .war file.

2. Deploy the 8.5.0001 .war file to your application server.
3. Set the values of any of the new configuration options—see **GRAT Configuration Options**.
4. Log into 8.5.0001 Genesys Rules Authoring Server.

### Migration to 8.5.0/8.5.001

#### From 8.1.4

1. Undeploy the 8.1.4 .war file from your application server.

#### Important

Do not just copy the 8.5.0 .war file over the 8.1.4 .war file in your application server directory. Genesys recommends undeploying the previous file first and letting the application server clean up its files, then deploying the new .war file.

2. Deploy the 8.5.0 .war file to your application server.

#### Important

If you have a very large repository database, it may take several minutes the first time you deploy the 8.5.0 .war file, as GRAT must rebuild the index cache. Once this process is complete, the user will be able to log in to the system.

3. Log into 8.5.0 Genesys Rules Authoring Server.

### From 8.1.3

1. In 8.1.4, the repository database configuration was moved to a Database Access Point (DAP). Create and configure a DAP and add it as a connection to the GRAT application object. You will no longer be prompted for database configuration information during the installation process.

See the following procedures for details of how to create a DAP:

- **Creating the Rules Repository Database using Configuration Server**
  - **Creating the Rules Repository Database using Genesys Administrator**
- Undeploy the 8.1.3 .war file from your application server.

#### Important

Do not just copy the 8.5.0 .war file over the 8.1.3 .war file in your application server directory. Genesys recommends undeploying the previous file first and letting the application server clean up its files, then deploying the new .war file.

- Deploy the 8.5.0 .war file to your application server.

#### Important

If you have a very large repository database, it may take several minutes the first time you deploy the 8.5.0 .war file, as GRAT must rebuild the index cache. Once this process is complete, the user will be able to log in to the system.

- Log into 8.5.0 Genesys Rules Authoring Server.

### From 8.1.2 and 8.1.1

1. From the 8.1.1 or 8.1.2 Genesys Rules Authoring Server:
  - a. Click on each tenant and export the templates associated with that tenant as an XML file.
  - b. Click on each rule package that you wish to migrate and export as an XML file.
3. Create a new database for GRAT 8.5.0 (leaving the old one in place).
4. Install 8.5.0 Genesys Rules System.
5. Start 8.5.0 Genesys Rules Authoring Server. This creates the tables inside the new database.
6. Log into 8.5.0 Genesys Rules Authoring Server.
7. For each tenant, import the template XML file (from step 1a).

8. For each tenant, and under each solution, click on New Rule Package and import the corresponding rule package XML file (click the Auto-save option).
9. Redeploy each rule package to the corresponding 8.5.0 Genesys Rules Engine(s).
10. Optionally, from the Genesys Rules Deployment Tool, you may import the templates from the 8.5.0 Genesys Rules Authoring Server.

See the GRAT online Help for explicit steps for importing and exporting templates, and importing and exporting rules packages.

### Important

Running an 8.5.0 Rules Authoring Server against an 8.1.2 repository will result in a corrupted repository that will no longer be useable by any version of the Rules Authoring Server.

## Repository Performance Enhancement for Oracle 11 users

For Oracle users, a performance enhancement is available that is enabled only when you create a new database repository when either initially installing, or migrating to, 8.5.x. For a new installation with a new Oracle database repository, no additional steps are required. If you are migrating to GRS release 8.5.x from an earlier release, to take advantage of the enhancement, do the following:

1. Click on each tenant and export the templates associated with that tenant as an XML file.
2. Click on each rule package that you wish to migrate and export as an XML file.
3. Create a new database for GRAT 8.5.x.
4. Start 8.5.x Genesys Rules Authoring Server.

With the enhancement, when GRAT initializes, it creates new database tables based on a new optimized schema, and database performance is improved.

### Important

If you re-use your existing 8.1.3/8.1.4 repositories, GRAT does not re-create the tables with the new schema. In this scenario, there is no performance enhancement.