

REMOVE-Upgrading from WSO2 Data Services Server

This page walks you through the process of upgrading to WSO2 Enterprise Integrator (WSO2 EI) 6.5.0 from WSO2 Data Services Server (WSO2 DSS) 3.5.1.

i Before you begin, note the following:

- If you are upgrading from a version older than WSO2 DSS 3.5.1, you should first upgrade to WSO2 DSS 3.5.1 and then upgrade to WSO2 EI 6.5.0.
- For information on what is new in this release and why you should upgrade, see [About this Release](#).
- See [Default ports of WSO2 Products](#) for more information on ports. The default ports in WSO2 EI are listed under **Enterprise Integrator**.
- The distribution folder structure has changed from WSO2 DSS 3.5.1 to WSO2 EI 6.5.0.

Data Service Server 3.5.1	Enterprise Integrator 6.5.0
<DSS_HOME>/repository/conf	<EI_HOME>/conf
<DSS_HOME>/repository/conf/axis2	<EI_HOME>/conf/axis2
<DSS_HOME>/repository/conf/datasources	<EI_HOME>/conf/datasources
<DSS_HOME>/repository/components/dropins	<EI_HOME>/dropins
<DSS_HOME>/repository/components/extensions	<EI_HOME>/extensions
<DSS_HOME>/repository/components/lib	<EI_HOME>/lib

See the following topics for instructions:

- [Preparing to upgrade](#)
- [Upgrading the database](#)
- [Migrating configurations](#)
- [Migrating artifacts](#)
- [Starting the server](#)

Preparing to upgrade

The following prerequisites must be completed before upgrading:

- Create a backup of the databases in your WSO2 DSS 3.5.1 instance.
- Copy the <DSS_HOME> directory to back up the product configurations.
- Download the product installer from [here](#), and install WSO2 EI 6.5.0.
Let's call the installation location of your product the <EI_HOME> directory.

If you installed the product using the **installer**, this is located in a place specific to your OS as shown below:

OS	Home directory
Mac OS	/Library/WSO2/EnterpriseIntegrator/6.5.0
Windows	C:\Program Files\WSO2\EnterpriseIntegrator\6.5.0\
Ubuntu	/usr/lib/wso2/EnterpriseIntegrator/6.5.0
CentOS	/usr/lib64/EnterpriseIntegrator/6.5.0

i The downtime is limited to the time taken for switching databases in the production environment.

Upgrading the database

In WSO2 EI 6.5.0, you can use the same [database](#) that you used for WSO2 DSS 3.5.1. Therefore, you can simply restore the backup of the existing databases to use with WSO2 EI 6.5.0.

Migrating configurations



Do not copy **configuration files** directly between servers. Instead, [update the files manually](#).

To migrate all the required folders, files, libraries, etc. from WSO2 DSS 3.5.1 to WSO2 EI 6.5.0:

1. Copy the database connector JAR files stored in the `<DSS_HOME>/repository/components/lib` directory to the `<EI_HOME>/lib` directory.
2. Copy the keystores and truststores from the `<DSS_HOME>/repository/resources/security` directory to the `<EI_HOME>/repository/resources/security` directory in WSO2 EI 6.5.0.
3. If you have secondary user stores created for WSO2 DSS 3.5.1, you need to copy the 'userstore' folder in the `<DSS_HOME>/repository/deployment/server/` directory to the same directory in WSO2 EI 6.5.0.
4. If there are any third-party libraries used with WSO2 DSS 3.5.1 that you want to migrate, copy the relevant libraries to WSO2 EI 6.5.0:
 - If you have used JMS libraries, JDBC libraries, etc., copy the files from `<DSS_HOME>/repository/components/lib` directory to the `<EI_HOME>/lib` directory.
 - If you have used OSGi bundles such as SVN kit etc., copy the contents of `<DSS_HOME>/repository/components/dropins` directory to the `<EI_HOME>/dropins` directory.

To migrate the configuration files from WSO2 DSS 3.5.1 to WSO2 EI 6.5.0:

1. Update the configuration files with information of the migrated keystores and truststores. See [Configuring Keystores in WSO2 products](#) for more information.
2. Go to the `<EI_HOME>/conf/datasources` directory and update the Carbon datasource configuration in the `master-datasources.xml` file with the details of the Carbon database. For instructions, see [Changing the Carbon Database](#) and select your database type.
3. Go to the `<EI_HOME>/conf` directory and update the datasource references in the `user-mgt.xml` and `registry.xml` files to match the updated configurations in the `master-datasources.xml` file. The instructions are available in [Changing the Carbon Database](#).
4. Check for any configurations that were done for WSO2 DSS 3.5.1 based on your solution. For example, update the following configurations in WSO2 EI 6.5.0 accordingly:
 - a. `axis2.xml`
 - b. `axis2_client.xml`
 - c. `carbon.xml`
 - d. Check the configurations related to external user stores, caching, mounting, transports, etc.

Migrating artifacts

- To migrate the data service artifacts, copy the `<DSS_HOME>/repository/deployment/server/dataservices` directory of WSO2 DSS 3.5.1 to WSO2 EI 6.5.0.
- If you have custom artifacts created in the `<DSS_HOME>/repository/deployment/server/` directory, copy them to the same directory in WSO2 EI 6.5.0.
- If multitenancy is used, copy the tenant directory packages from the `<DSS_HOME>/repository/tenants` directory to the same directory in WSO2 EI 6.5.0

Starting the server

Once you have completed the migration, you can start the ESB profile of WSO2 EI. For details see [Running the Product](#).