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# Web Services and Applications Deployment Guide

Deploying the web application for 8.5.201.50 or later

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## Important

If you're deploying Web Services and Applications version 8.5.201.09 or earlier, complete the steps on [Deploying the web application for 8.5.201.09 or earlier](#) instead.

As of version 8.5.201.18, you can install Web Services as a service. Complete the following steps for each Web Services node.

### Start

1. Create a new folder on your Web Services node. For example, **web-services**. This is the home folder for the web application.
2. Copy the **gws.jar** file from the installation CD to your new Web Services home folder.
3. Copy the **installation\_CD/etc/default/gws** file to the **/etc/default** folder on your Web Services host.
4. Copy the **installation\_CD/etc/init.d/gws** file to the **/etc/init.d** folder on your host.
5. Open **/etc/default/gws** on your host and update the following environment variables to values appropriate for your Web Services node:
  - **GWS\_HOST** — This value should match the **Jetty host** you'll define later in the **jetty** section of the **application.yaml** configuration file.
  - **GWS\_PORT** — This value should match the **Jetty port** you'll define later in the **jetty** section of the **application.yaml** configuration file.
  - **GWS\_HOME** — The Web Services home folder you created in Step 1.
  - **GWS\_LOGS** — The location where you want Web Services to store log files. If this folder doesn't exist, Web Services creates it during application startup.
  - **GWS\_TEMP** — The location where you want Web Services to store temp files. If this folder doesn't exist, Web Services creates it during application startup.
  - **GWS\_CONF** — The location where you want to store the Web Services configuration files. If you don't specify a value for **GWS\_CONF**, Web Services uses **GWS\_HOME/etc**.
6. Create the **GWS\_CONF** folder you specified in Step 5. If you didn't set **GWS\_CONF**, create a folder called **etc** in **GWS\_HOME** — for example, **web-services/etc**.
7. Create the following configuration files in the folder you created in Step 6. You can simply copy the files from **installation\_CD/config-templates** and remove the **.sample** extension. You'll learn more about the settings in these files as you go through the configuration steps for Web Services and its features later in this guide.
  - **application.yaml**
  - **elasticsearch.yml**

- **hystrix.properties**
  - **logback.xml**
  - **statistics.yaml**
8. Copy the **routing-templates** folder from **installation\_CD/routing-templates** to your GWS\_HOME folder.
  9. Create the user group **gws**.
  10. Create the **gws** user in the **gws** user group. The user should have read and write permissions for the folders defined in the GWS\_HOME, GWS\_LOGS, GWS\_TEMP, and GWS\_CONF environment variables.
  11. Use the following command to register the new service on your host: `chkconfig gws on`

**End**

## Next Step

- [Configuring Web Services](#)