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# Web Services and Applications Deployment Guide

Deploying the web application

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# Deploying the web application

## Important

- If you're deploying Web Services and Applications version 8.5.201.50 or earlier, complete the steps on [Deploying the web application for 8.5.201.50 or later](#) instead.
- 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.

Complete the following steps for each Web Services node.

### Start

1. Copy the **installation\_CD/ gws-<version>.noarch.rpm** file to a local folder.
2. Perform the installation using the RPM package manager:  

```
rpm -ivh [--prefix installation_location] gws-<version>.noarch.rpm
```

If `--prefix` is not specified, the default installation location is **/usr/share** folder.
3. Copy the \*.sample files from the **/installation\_path/gws/config/config-templates** directory to the **/installation\_path/gws/config** directory and remove the **.sample** extension.
4. Run following command to register the new service on your host: `chkconfig gws on`

### End

## Next Steps

1. [Configuring Web Services](#)
2. [Initializing Cassandra](#)
3. [Starting and Testing Web Services](#)

## Installation package files

### Web Services configuration and initialization files (Red Hat Enterprise Linux 6)

File/folder name	Description
/etc/default/gws	The configuration file for the Web Services service.
/etc/init.d/gws	The initialization script for the Web Services service.

### Web Services configuration and initialization files (Red Hat Enterprise Linux 7)

File/folder name	Description
/usr/bin/gws	The initialization script for the Web Services service.
/usr/lib/systemd/system/gws.service	<p>The default configuration file for the Web Services service.</p> <p>The following scripts extend service functionality on the Red Hat Enterprise Linux 7 platform:</p> <ul style="list-style-type: none"><li>• /usr/libexec/initscripts/legacy-actions/gws/config</li><li>• /usr/libexec/initscripts/legacy-actions/gws/version</li></ul>
/usr/lib/systemd/system/gws.service.d/gws.conf	The custom configuration file for the Web Services service. The settings defined in this file override the default settings.

### Web Services and Applications files

File/folder name	Description
/installation_path/gws	The home directory of Web Services and Applications.
/installation_path/gws/gws.jar	The application .jar file.

### GWS Configuration files

File/folder name	Description
/installation_path/gws/config	<p>The folder containing configuration files of Web Services and Applications, including:</p> <ul style="list-style-type: none"><li>• /installation_path/gws/config/feature-definitions.json</li></ul>

File/folder name	Description
	<ul style="list-style-type: none"> <li>• /installation_path/gws/config/hystrix.properties</li> <li>• /installation_path/gws/config/logback.xml</li> </ul>
/installation_path/gws/config-templates	<p>The folder that contains templates of the Web Services and Applications configuration files. After installation, files from the folder must be modified according to <i>Web Services and Applications Configuration Guide</i> and moved to <b>/installation_path/gws/config</b>. The templates include:</p> <ul style="list-style-type: none"> <li>• /installation_path/gws/config-templates/application.yaml.sample</li> <li>• /installation_path/gws/config-templates/elasticsearch.yml.sample</li> <li>• /installation_path/gws/config-templates/statistics.yaml.sample</li> </ul>

## Cassandra schema

File/folder name	Description
/installation_path/gws/data	<p>The folder that contains scripts to deploy database schema. Files include:</p> <ul style="list-style-type: none"> <li>• Scripts for Cassandra schema deployment using the <b>cqlsh</b> tool: <ul style="list-style-type: none"> <li>• /installation_path/gws/data/ks-schema-local.cql</li> <li>• /installation_path/gws/data/ks-schema-prod.cql</li> <li>• /installation_path/gws/data/ks-schema-prod_HA.cql</li> <li>• /installation_path/gws/data/cf-schema.cql</li> </ul> </li> <li>• Scripts for Cassandra schema deployment using the <b>cassandra-cli</b> tool: <ul style="list-style-type: none"> <li>• /installation_path/gws/data/ks-schema-local.txt</li> <li>• /installation_path/gws/data/ks-schema-prod.txt</li> <li>• /installation_path/gws/data/ks-schema-prod_HA.txt</li> <li>• /installation_path/gws/data/cf-schema.txt</li> </ul> </li> </ul>

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## Elastic search templates and routing templates

- `/installation_path/gws/elasticsearch`
- `/installation_path/gws/routing-templates`