



# **Best practices**

## **Changing the default port for the WEBGUI and PLC services to avoid port conflicts**

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## Introduction

By default, the Symphony WEBGUI service is configured to use port 8080, and the plc service is configured to use port 4046. If you already have another services using the same port, you can modify your service's configuration so it will use a different port.

## Change WEBGUI service port

1. Edit server.xml. The server.xml file is located under \$EGO\_TOP/gui/conf/.
2. A few lines from the top of the server.xml file, you will see the following lines:

```
<!-- Define a non-SSL HTTP/1.1 Connector on port 8080 -->  
<Connector port="8080" maxHttpHeaderSize="8192"  
    maxThreads="150" minSpareThreads="25" maxSpareThreads="75"  
    enableLookups="false" redirectPort="8443" acceptCount="100"  
    connectionTimeout="20000" disableUploadTimeout="true" />
```

Change the port="8080" text to be the port number that you want to use. You may also change the other connector's ports as well if you want.

3. Restart the WEBGUI service for the change to take effect.

## Change plc service port

1. Edit plc.xml. The plc.xml is located under \$EGO\_TOP/perf/conf/.
2. A few lines from the top of the plc.xml file, you will see the following lines:

```
<!-- The port number of the loader controller that will listen to the CLI. -->  
<Port>4046</Port>
```

Change the <Port>4046</Port> text to be the port number that you want to use.

3. Restart the plc service for the change to take effect.

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