

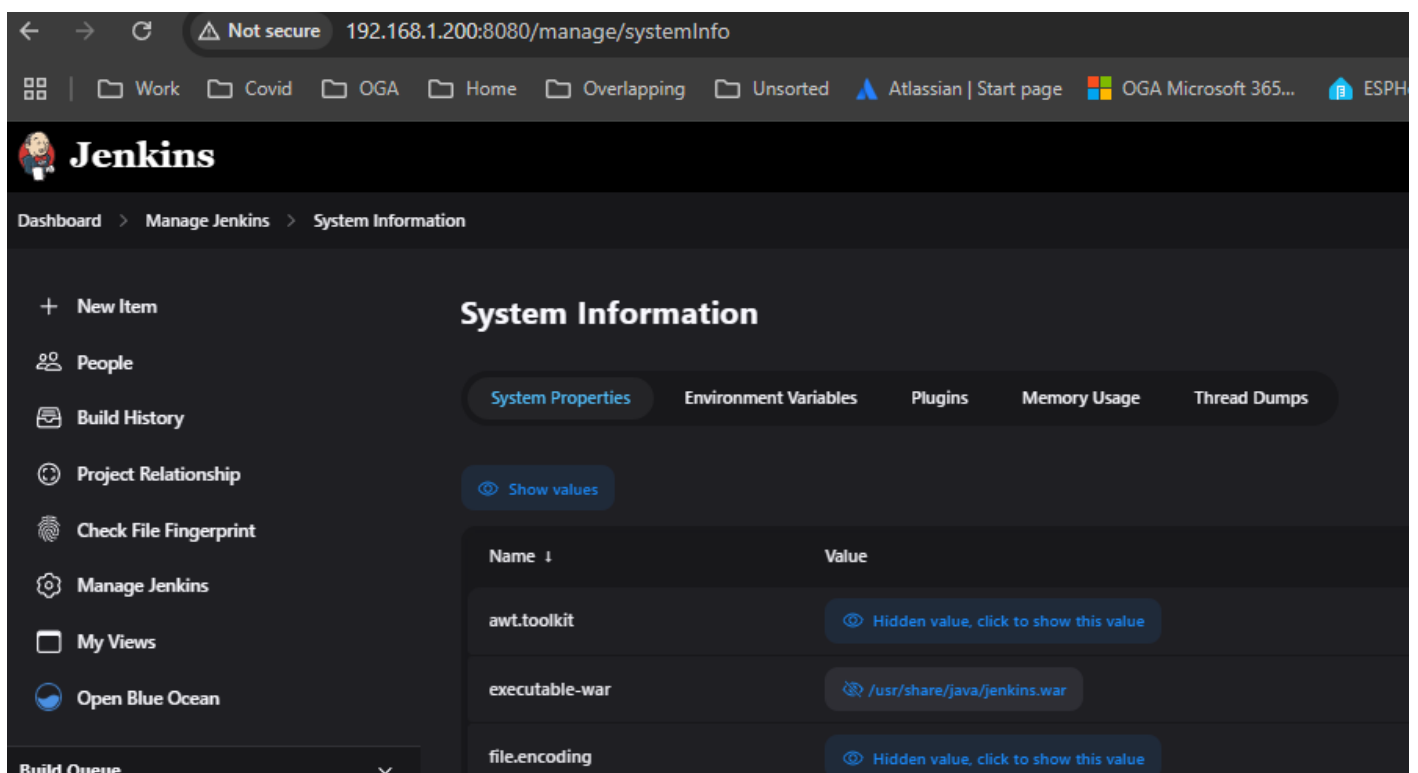
Jenkins: Upgrading

Here are some notes on upgrading Jenkins with a WAR file.

Adapted from here: <https://www.baeldung.com/ops/jenkins-war-update>

Identify where the current war is running, by opening Jenkins, going to Manage Jenkins, and System Information.

Find the executable-war entry and note the path.



The screenshot shows the Jenkins web interface. The browser address bar indicates the URL `192.168.1.200:8080/manage/systemInfo`. The page title is "System Information". The left sidebar contains navigation options: "New Item", "People", "Build History", "Project Relationship", "Check File Fingerprint", "Manage Jenkins", "My Views", and "Open Blue Ocean". The main content area has tabs for "System Properties", "Environment Variables", "Plugins", "Memory Usage", and "Thread Dumps". A "Show values" button is visible. Below, a table lists system properties:

Name ↓	Value
awt.toolkit	Hidden value, click to show this value
executable-war	<code>/usr/share/java/jenkins.war</code>
file.encoding	Hidden value, click to show this value

Stop Jenkins: `sudo systemctl stop jenkins`

Once stopped navigate to a folder where you can download things.

Download the latest version of Jenkins as a WAR file:

```
wget https://updates.jenkins-ci.org/latest/jenkins.war
```

Or, download a specific version:

```
wget https://updates.jenkins-ci.org/download/war/2.375.1/jenkins.war
```

Update the downloaded war file permissions:

```
chown root:root jenkins.war  
chmod 644 jenkins.war
```

Now, make a backup of the existing war file (at the path from System Information):

```
mv /usr/share/java/jenkins.war /usr/share/java/jenkins.war.old
```

Copy the downloaded jenkins war file over the existing executable:

```
sudo mv /download/jenkins.war /usr/share/java/
```

NOTE: Be sure to change the folder path of the downloaded file.

You should be able to start the new version with:

```
sudo systemctl start jenkins
```

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