**JENKINS Upgrade**

1. **Prerequisite**

* Login into Jenkins console
* Navigate to Manage Jenkins
* Copy the link address from Jenkins’s upgrade alert

1. **To take backup of existing version**

* Login into the server as Root user
* Stop Jenkins

#systemctl stop jenkins

* Navigate to /usr/lib/Jenkins
* Move the existing Jenkins.war to Jenkins.war\_oldversion

#mv jenkins.war jenkins.war\_oldversion

1. **Installing Jenkins**

* As Root user under the location /usr/lib/jenkins run below

#wget jenkins upgrade url

Ex: #wget <https://updates.jenkins.io/download/war/2.303.3/jenkins.war>

* Once installation is done. A new version of jenkins.war file will be created

1. **Starting Jenkins**

* As a Root user execute below command

#sudo /etc/init.d/jenkins start

1. **Validation**

* As Root user from Linux machine run below to see installed version

#cat /var/lib/Jenkins/config.xml | grep ‘<version>’

* Login to Jenkins console
* Jenkins UI, from any screen, if you look at the bottom right corner, you'll see the current version of the Jenkins that you are running.

**IF JAVA upgrade is required follow below steps**

**JAVA Upgrade (JDK 11)**

* To install JDK 11 version, As Root user run below command

#yum search java

* From the displayed list select open JDK 11 runtime environments
* #yum install open JDK 11 Runtime environments
* Once installed update config java as below

#sudo update-alternatives --config java

Select option 2 from the displayed list to update newly installed java version

* Check java version

#java -version

1. **Rollback**

* Login as Root user
* Stop Jenkins

#systemctl stop jenkins

* Navigate to /usr/lib/jenkins
* Move older jenkins to current jenkins version

#mv jenkins.war\_oldversion jenkins.war

* Start jenkins

#sudo /etc/init.d/jenkins start