**To install Jenkins on your CentOS system, follow the steps below:**

* Jenkins is a Java application, so the first step is to install Java. Run the following command to install the OpenJDK 8 package:

sudo yum install java-1.8.0-openjdk-devel

* The next step is to enable the Jenkins repository. To do that, import the GPG key using the following [curl](https://linuxize.com/post/curl-command-examples/) command:

curl --silent --location http://pkg.jenkins-ci.org/redhat-stable/jenkins.repo | sudo tee /etc/yum.repos.d/jenkins.repo

* And add the repository to your system with:

sudo rpm --import https://jenkins-ci.org/redhat/jenkins-ci.org.key

* Once the repository is enabled, install the latest stable version of Jenkins by typing:

sudo yum install jenkins

* After the installation process is completed, start the Jenkins service with:

sudo systemctl start jenkins

To check whether it started successfully run:

systemctl status jenkins

**Adjust the Firewall**

* If you are installing Jenkins on a remote CentOS server that is [protected by a firewall](https://linuxize.com/post/how-to-setup-a-firewall-with-firewalld-on-centos-7/) you need to port 8080.
* Use the following commands to open the necessary port:

sudo firewall-cmd --permanent --zone=public --add-port=8080/tcp

sudo firewall-cmd --reload