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:

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

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

sudo systemctl start jenkins

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To check whether it started successfully run:

systemctl status jenkins

Finally enable the Jenkins service to start on system boot.

sudo systemctl enable jenkins

[**Adjust the Firewall**](https://linuxize.com/post/how-to-install-jenkins-on-centos-7/#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