Jenkins is a Java application and thus need Java 1.8 or above, installed on the server where you want Jenkins Master or slave to run.

Let's first install Java 8 on CentOS:

Follow the document attached below.

Install Oracle Java 8.pdf

Once Java is installed and environment variables are set, check the settings using below commands and then proceed.

```
$ java –version
```

```
$ echo $JAVA_HOME
```

```
$ echo $PATH
```

Now for Installing Jenkins, please follow below commands.

```
$ sudo wget -O
/etc/yum.repos.d/jenkins.repo http://pkg.jenkins-
ci.org/redhat/jenkins.repo
```

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

```
$ sudo yum install Jenkins
```

By default Jenkins would run on port 8080. This can be changed as well.

In case if Jenkins default login page doesn't appear check opening the port 8080 on firewall by using below command in case you are running CentOS / RedHat 6x.

```
$ iptables -I INPUT 1 -p tcp --dport 8080 -j ACCEPT
```

Or alternatively if possible disable firewall on CI server using,

```
$ service iptables stop  and,
```

```
$ chkconfig iptables off
```
 …. To disable service.

On CentOS 7, 'firewalld' app is used as local firewall.

```
$ service firewalld stop
```

```
$ chkconfig firewalld off
```