

download the nexus tarball.

wget <http://download.sonatype.com/nexus/oss/nexus-2.11.2-06-bundle.tar.gz>

copy the tarball to the /usr/local directory

sudo cp nexus-2.11.2-06-bundle.tar.gz /usr/local

change directory to the location of the tarball

cd /usr/local

extract the tarball

sudo tar xvzf nexus-2.11.2-06-bundle.tar.gz

create a symbolic link "nexus" to the versioned directory

sudo ln -s nexus-2.11.2-06 nexus

Create a user that will be used to run Nexus

sudo adduser nexus

sudo sh -c 'echo "export NEXUS_HOME=/usr/local/nexus" >> /etc/profile.d/nexus.sh'

sudo cp NEXUS_HOME/bin/nexus /etc/init.d/nexus

allow everyone to read and execute this file but only the owner can write to the file.

sudo chmod 755 /etc/init.d/nexus

change the owner of startup script to be root

sudo chown root /etc/init.d/nexus

change the owner of the nexus home directory including symbolic links to be the nexus user we created above

sudo chown -h nexus:nexus NEXUS_HOME

recursively change the owner of the nexus home directory to be the nexus user we created above

sudo chown -RH nexus:nexus NEXUS_HOME

create a directory for Sonatype products to use for working files

sudo mkdir /etc/local/sonatype-work

create a directory for Nexus to use for working files

sudo mkdir /etc/local/sonatype-work/nexus

make the nexus user created above the owner of this directory

sudo chown -R nexus:nexus /etc/local/sonatype-work

edit this file to point to the directory and user created above.

sudo nano /etc/init.d/nexus

```
NEXUS_HOME="/usr/local/nexus"
```

```
RUN_AS_USER="nexus"
```

```
# change to the directory which controls starting Linux subsystems on boot
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```
cd /etc/init.d
```

```
# add nexus as a system service
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```
sudo chkconfig --add nexus
```

```
# start the nexus service on boot for run levels 3-5 (Multi-User Mode with Networking up to X11)
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```
sudo chkconfig --levels 345 nexus on
```

```
# start the Nexus service
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```
sudo service nexus start
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```
# permanently open the port 8081 in the CentOS firewall
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```
sudo firewall-cmd --permanent --zone=public --add-port=8081/tcp
```

```
# reload the firewall settings to make them active
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```
sudo firewall-cmd --reload
```

You can now open a browser and go to <http://quartz:8081/nexus> to explore Nexus. The default username is deployment and default password is deployment123. Hopefully this tutorial made it simple and easy to install Nexus. Stay tuned for more installation tutorials.