# **Nexus Installation**

Step -01

sudo apt update  
sudo apt upgrade

Step -02

sudo apt install openjdk-8-jre-headless

Step -03

sudo adduser --disabled-login --no-create-home --gecos "" nexus

Step -04

cd /opt  
sudo wget https://download.sonatype.com/nexus/3/latest-unix.tar.gz  
tar -zxvf latest-unix.tar.gz

Step-05

cd /opt  
sudo mv nexus-3.65.0-02/ nexus  
sudo chown -R nexus:nexus /opt/nexus  
sudo chown -R nexus:nexus /opt/sonatype-work

Step-06

sudo vim /opt/nexus/bin/nexus.rc  
  
Add the following line:  
run\_as\_user="nexus"

Step-07

vim /nexus/bin/nexus.vmoptions  
  
-Xms1024m  
-Xmx1024m  
-XX:MaxDirectMemorySize=1024m  
-XX:LogFile=./sonatype-work/nexus3/log/jvm.log  
-XX:-OmitStackTraceInFastThrow  
-Djava.net.preferIPv4Stack=true  
-Dkaraf.home=.  
-Dkaraf.base=.  
-Dkaraf.etc=etc/karaf  
-Djava.util.logging.config.file=/etc/karaf/java.util.logging.properties  
-Dkaraf.data=./sonatype-work/nexus3  
-Dkaraf.log=./sonatype-work/nexus3/log  
-Djava.io.tmpdir=./sonatype-work/nexus3/tmp

Step -08

sudo vim /etc/systemd/system/nexus.service  
  
  
[Unit]  
Description=nexus service  
After=network.target  
[Service]  
Type=forking  
LimitNOFILE=65536  
ExecStart=/opt/nexus/bin/nexus start  
ExecStop=/opt/nexus/bin/nexus stop  
User=nexus  
Restart=on-abort  
[Install]  
WantedBy=multi-user.target

Step -09

sudo systemctl daemon-reload  
sudo systemctl start nexus  
sudo systemctl enable nexus

**#Access the Nexus server from Laptop/Desktop browser**

http://IPAddress/Hostname:8081