

```
root@alias:~#
```

## 1.2. Install Java 8

```
echo "deb http://ppa.launchpad.net/webupd8team/java/ubuntu xenial main" | tee  
/etc/apt/sources.list.d/webupd8team-java.list
```

```
echo "deb-src http://ppa.launchpad.net/webupd8team/java/ubuntu xenial main" | tee -a  
/etc/apt/sources.list.d/webupd8team-java.list
```

```
apt-key adv --keyserver hkp://keyserver.ubuntu.com:80 --recv-keys EEA14886
```

```
apt-get update
```

```
apt-get install oracle-java8-installer
```

## 1.3. Download and configure NIS

```
wget http://bob.nem.ninja/nis-0.6.95.tgz
```

```
tar -xvzf nis-0.6.95.tgz
```

```
rm nis-0.6.95.tgz
```

```
mkdir nis
```

```
mv package nis/package
```

```
apt-get install sudo
```

```
sudo apt-get update
```

```
sudo apt-get install vim
```

```
cd nis
```

```
vim config-user.properties
```

```
(i)
```

```
nis.bootKey = Privat Key
```

```
nis.bootName = Noda Name
```

```
nis.shouldAutoHarvestOnBoot = true
```

```
(Esc)
```

```
:wq
```

```
cp package/nix.runNis.sh nisStart.sh
```

```
vim nisStart.sh
```

```
java -Xms2800M -Xmx2800M -cp ".:package/nis:package/nis/*.package/libs/*"  
org.nem.deploy.CommonStarter
```

```
chmod +x nisStart.sh
```

```
./nisStart.sh
```

Let NIS run for a minute then quit it by pressing Ctrl-c. This will create the required folder structure for the next step.

```
cd
```

```
wget http://bob.nem.ninja/nis5_mainnet.h2-1380k.db.zip
```

```
apt-get install unzip
```

```
unzip nis5_mainnet.h2-1380k.db.zip
```

```
rm nis5_mainnet.h2-1380k.db.zip
```

```
mv nis5_mainnet.h2.db nem/nis/data/
```

1.4. Download and configure the servant

```
wget http://bob.nem.ninja/servant_0_0_4.zip
```

```
unzip servant_0_0_4.zip
```

```
rm servant_0_0_4.zip
```

```
mkdir supernode-servant
```

```
mv servant supernode-servant/servant
```

```
cd supernode-servant
```

```
vim config-user.properties
```

```
(i)
```

```
nem.host = IP
```

```
servant.key = Privat Key
```

```
(Esc)
```

```
:wq
```

```
cp servant/startservant.sh servantStart.sh
```

```
vim servantStart.sh
```

```
(i)
```

```
java -Xms128M -Xmx128M -cp ".:servant/jars/*" org.nem.rewards.servant.NodeRewardsServant
```

```
(Esc)
```

```
:wq
```

```
chmod +x servantStart.sh
```

### 1.5. Download and set up the supernode starter service

```
cd
```

```
apt-get install ca-certificates
```

```
wget https://github.com/PaulRieger/supernode-service/archive/master.zip
```

```
unzip master.zip
```

```
rm master.zip
```

```
chmod +x supernode-service-master/supernodeStart.sh
```

```
mv supernode-service-master/supernode.service /etc/systemd/system/
```

```
systemctl enable supernode.service
```

### 1.6. Set up a cronjob that deletes old logfiles

```
cd
```

```
apt-get install cron
```

```
crontab -e
```

(i)

```
# Output of the crontab jobs (including errors) is sent through
```

```
# email to the user the crontab file belongs to (unless redirected).
```

```
#
```

```
# For example, you can run a backup of all your user accounts
```

```
# at 5 a.m every week with:
```

```
# 0 5 * * 1 tar -zcf /var/backups/home.tgz /home/
```

```
#
```

```
# For more information see the manual pages of crontab(5) and cron(8)
```

```
#
```

```
# m h dom mon dow  command
```

```
@midnight find ~/nem/nis/logs -mindepth 1 -mtime +30 ! -name 'nis-0.log.lck' ! -name 'nis-0.log' -delete  
> /dev/null
```

```
(Esc)
```

```
:wq
```

```
reboot
```

```
ssh root@ip
```

```
tail -f nem/nis/logs/nis-0.log
```

```
tail -f nem/node-rewards/servant/logs/servant-0.log
```

```
http://ip:7890/node/extended-info
```

```
http://ip:7890/status
```