

ADVANCE PROTOCOL MASTERNODE SETUP



ADVANCE
P R O T O C O L

This guide shows how to setup a masternode for the Advance Protocol. It is intended for Debian Linux distributions and derivations. You can still run a masternode on other Linux flavors like CentOS though.

Requirements

- Linux VPS (Debian, Ubuntu or similar)
- Static IPv4-Address
- 1000 ADVANCE

Installing packages (as root)

```
apt-get update && apt-get upgrade  
apt-get install wget nano python python-virtualenv virtualenv git  
adduser advance
```

Make sure to login to your machine with the new user 'advance'. Do not run the masternode under the superuser root.

Installing Advance Protocol (as user advance)

```
wget https://github.com/AdvanceProtocol/advance/releases/download/0.13.0/advance-0.13.0-linux64.tar.gz  
tar -xzf advance-0.13.0-linux64.tar.gz  
cd advance-linux  
chmod +x advance*
```

```
./advanced
```

This will create the initial data directory. You won't see any output. Exit by pressing CTRL+C.

```
nano ~/.advanceprotocol/advance.conf
```

Enter this data and change accordingly:

```
rpcuser=<rpc username>  
rpcpassword=<rpc password>  
listen=1  
server=1  
daemon=1  
maxconnections=250  
externalip=<static ipv4 address>
```

Exit the editor by CTRL+X and hit Y to commit your changes.

Continue on page 2...

Configuring the masternode

Start the daemon again. This time it will run in the background.

```
./advanced
```

Generate the masternode private key. (Remember the output)

```
./advance-cli -rpcuser=<rpc username> -rpcpassword=<rpc password> masternode genkey
```

Example output: `kNyNFEenSz2ygyNyASf13qr42HHyHZn3KbW8PggvE4GAhztcuS`

Get your ZeroAddress:

```
./advance-cli -rpcuser=<rpc username> -rpcpassword=<rpc password> getaccountaddress 0
```

Example output: `AGrUwX2zYbStQHqV9SwU4te7AvKEtUDF`

Send **exactly** 1000 ADVANCE to that address. You will have to get the transaction id. If you use the GUI wallet go to your transaction details. If you use 'sendtoaddress' you will see the transaction id printed on screen.

Example: `09f1e732b9d32309f4489044a1d9111c33437e61f9858e38a6d7d83c795cfcfc`

After sending you can verify your balance. This can take a moment.

```
./advance-cli -rpcuser=<rpc username> -rpcpassword=<rpc password> getbalance
```

Expected output: `1000.00000000`

Completing the configuration file.

```
nano ~/.advanceprotocol/advance.conf
```

```
masternode=1
```

```
masternodeaddr=<static ipv4 address>:30888
```

```
masternodeprivkey=<masternode private key>
```

```
nano ~/.advanceprotocol/masternode.conf
```

```
masternode1 <static ipv4 address>:30888 <masternode private key> <transaction id> 0
```

```
./advance-cli -rpcuser=<rpc username> -rpcpassword=<rpc password> stop
```

```
./advanced
```

It will take a few minutes for the daemon to synchronize. Continue with:

```
./advance-cli -rpcuser=<rpc username> -rpcpassword=<rpc password> masternode start-all
```

Sentinel installation

The last step is to run the sentinel script in the background.

```
cd ~ && git clone https://github.com/advanceprotocol/sentinel.git && cd sentinel
```

```
virtualenv ./venv
```

```
./venv/bin/pip install -r requirements.txt
```

Continue on page 3...

Almost finished.

```
nano sentinel.conf
```

```
advance_conf=/home/<USERNAME>/advanceprotocol/advance.conf
```

```
crontab -e
```

Enter the following line. Replace <USERNAME> with the current user logged in.

```
***** cd /home/<USERNAME>/sentinel && ./venv/bin/python bin/sentinel.py >/dev/null 2>&1
```

```
./venv/bin/py.test ./test
```

Thank you for supporting the network!



ADVANCE
P R O T O C O L

THE SINGULARITY IS NEAR

<https://advanceprotocol.net>