

Syscoin V4.3 Linux headless CLI setup

Requires debian/ubuntu

Tested on Debian 11

Setting up Syscoin 4.3

Install Syscoin from source

YOU MUST BE ROOT (su) FOR THIS TO WORK, DOUBLE CHECK ALL COMMANDS!!!

```
wget https://github.com/syscoin/syscoin/releases/download/v4.3.0/syscoin-4.3.0-x86_64-linux-gnu.tar.gz
[https://github.com/syscoin/syscoin/releases/download/v4.3.0/syscoin-4.3.0-x86_64-linux-gnu.tar.gz]
tar xf syscoin-4.3.0-x86_64-linux-gnu.tar.gz
install -m 0755 -o root -g root -t /usr/local/bin syscoin-4.3.0/bin/*
rm -r syscoin-4.3.0rc2
mkdir ~/.syscoin
```

We need to create the config file

nano ~/.syscoin/syscoin.conf

Paste in the following:

testnet=1
[test]
rpcuser=user
rpcpassword=password
listen=1
daemon=1
server=1
assetindex=1
port=18369
rpcport=18370
rpcallowip=127.0.0.1
gethtestnet=1
addnode=54.190.239.153

addnode=52.40.171.92

Press Ctrl + O then enter to save the file and Ctrl + X and enter to exit

Run Syscoin daemon

syscoind

Wait a few minutes for banlist, block index, and geth to load

Check status of blocks

syscoin-cli getblockchaininfo

You should see something like this

```
"chain": "test",
"blocks": 546407,
"headers": 993902,
"bestblockhash": "000000253025b381b9ca91d297e5dcb7c61f9218cdba72306876a533ce216848",
"difficulty": 0.02220736497678113,
"time": 1614867115,
"mediantime": 1614866765,
"verificationprogress": 0.444060966252973,
"initialblockdownload": true,
"size_on_disk": 272448733,
"pruned": false,
"softforks": {
"bip34": {
"type": "buried",
"active": true,
"height": 1
},
"bip66": {
"type": "buried",
"active": true,
"height": 1
"bip65": {
"type": "buried",
"active": true,
"height": 1
"csv": {
"type": "buried",
"active": true,
"height": 1
},
"segwit": {
"type": "buried",
```

```
7/1/22, 10:23 PM
```

```
"active": true,
"height": 0
},
"taproot": {
"type": "bip9",
"bip9": {
"status": "active",
"start_time": -1,
"timeout": 9223372036854775807,
"since": 0,
"min_activation_height": 0
},
"height": 0,
"active": true
}
},
"warnings": ""
}
```

Create a crontab entry to start syscoind at boot

open crontab

crontab -e

If promopted to choose an editor select option 1 nano

Paste this below the commented out lines, automatically starts syscoind on boot

@reboot /usr/local/bin/syscoind -daemon >/dev/null 2>&1

Press Ctrl + O then enter to save the file and Ctrl + X and enter to exit

Reboot to make sure the daemon starts at boot

shutdown -r now

Once powered back on check daemon is running, it may take a minute to load

syscoin-cli getblockchaininfo

Finished!

Next, install masternode

install_syscoind_v4.3.txt \cdot Last modified: 2022/07/02 05:22 by 172.17.0.1