Mining Setup For TESTNET

In this limited release, we will start with mining testing, to stress-test the network and to get feedback for improvement.

There are currently a couple of steps to setting up mining:

1. Get a testnet wallet,
2. Prepare your miner with a payment address.

Getting a testnet wallet

Getting a new wallet is similar to getting a wallet at wallet.bitcoinrh.org.

1. Go to the https://testnet.bitcoinrh.org.
2. Click on "Sign Up".
3. Create an account, with your username, password and secure question.
4. Click on "Sign Up"
5. Sign in and click "Create Wallet"
6. Add a transaction password.
7. Copy the seed somewhere safe. Copy it to confirm.
8. Grab an address for the mining step.

Set up your miner

Any miner that supports X13 is sufficient for this test. We encourage testing with a diversity of miners. However, we have a few examples below of miners that we have used for our testing purposes.

For any miner, configure your miner based on this manual:

http://tpool.bitcoinrh.org:8888/connect.html

CPUMiner-Multi

This miner is good enough for testing purposes:
https://github.com/tpruvot/cpuminer-multi. This was tested with a custom build on Ubuntu 18.04. Below is a sample configuration with CPU Miner, which is simple for testing purposes.

```
{
"api-bind" : "127.0.0.1:4048",
"url" :
"stratum+tcp://tpool.bitcoinrh.org:3061",
"user" : "<Your BTR Address>",
"pass" : "x",
"algo" : "x13",
"threads" : 1,
"cpu-priority" : 5,
"cpu-affinity" : 1,
"benchmark" : false,
"debug" : true,
"protocol": true,
"show-diff": true,
"quiet" : false
}
```

3. Start your miner, for example, with CPUMiner:

```
cpuminer -c cpuminer.json
```

SGMiner (ATI GPU)
SGMiner is a GPU-based miner :

https://github.com/nicehash/sgminer/releases. The configuration below was tested on Windows.

bitcoin rhodium

```
setx GPU_FORCE_64BIT_PTR 0
setx GPU_MAX_HEAP_SIZE 100
setx GPU_USE_SYNC_OBJECTS 1
setx GPU_MAX_ALLOC_PERCENT 100
setx GPU_SINGLE_ALLOC_PERCENT 100
cd C:\Software\sgminer-5.6.1-nicehash-51-windowsamd64
sgminer.exe --gpu-platform 1 --algorithm x13mod
-url stratum+tcp://tpool.bitcoinrh.org:3061--
pool-user <Your BTR Address> --
userpass <Your BTR Address>:x --
auto-fan --temp-target 70 --temp-overheat 82 --
temp-cutoff 85 --gpu-fan 65-85 --log-file log.txt
--no-adl --no-extranonce -P –T
```

CCMiner (NVIDIA GPU)

CCMiner is a GPU-based miner (NVIDIA):

```
ccminer-x64.exe -a x13 -o stratum+tcp://tpool.bitcoinrh.org:3061 -O <Your BTR
Address>:without -D --show-diff
```

What we need to test in this alpha TESTNET

1) Mining functionality
2) Sending transactions in wallet

Please report all to Discord channel #testnet
(you can contact other testers and devs at same place)

THX

BRhodium Dev Team