



## \*How to use EtherCore Testnet

### 1. Connecting the clients

All clients supporting the go-ethercore protocol can sync with EtherCore Testnet.

You can connect Geth-EtherCore <https://github.com/ethercore/go-ethercore/releases/latest> to EtherCore Testnet by executing

```
$ geth -test
```

```
ubuntu@ethercore:~$ geth -test
INFO [01-23|04:07:31.666] Bumping default cache on mainnet    provided=1024 updated=4096
WARN [01-23|04:07:31.666] Sanitizing cache to Go's GC limits   provided=4096 updated=664
INFO [01-23|04:07:31.667] Maximum peer count                   ETH=50 LES=0 total=50
INFO [01-23|04:07:31.667] Smartcard socket not found, disabling err="stat /run/pcscd/pcscd.comm: no such file or directory"
INFO [01-23|04:07:31.668] Starting peer-to-peer node           instance=Geth-EtherCore/v1.9.9-stable-443f4bb3/linux-amd64/go1.13.6
INFO [01-23|04:07:31.669] Allocated trie memory caches        clean=166.00MiB dirty=166.00MiB
INFO [01-23|04:07:31.669] Allocated cache and file handles     database=/home/ubuntu/.ethercore/test/geth/chaindata cache=332.00MiB handles=524288
INFO [01-23|04:07:31.698] Opened ancient database              database=/home/ubuntu/.ethercore/test/geth/chaindata/ancient
INFO [01-23|04:07:31.698] Writing custom genesis block
INFO [01-23|04:07:31.699] Persisted trie from memory database  nodes=6 size=862.00B time=83.521µs gcnodes=0 gcsz=0.00B gctime=0s livenodes=1 liveness=0.00B
INFO [01-23|04:07:31.699] Initialised chain configuration       config="{ChainID: 468 Homestead: 0 DAO: <nil> DAOSupport: true EIP150: 0 EIP155: 0 EIP158: 0 Byzantium: 0 Constantinople: 0 Petersburg: 0 Istanbul: 0 Muir Glacier: <nil> ProgPow: 0 EtherCore: 0 Halving Block: 100000000 Engine: ethash}"
INFO [01-23|04:07:31.700] Disk storage enabled for ethash caches dir=/home/ubuntu/.ethercore/test/geth/ethash count=3
INFO [01-23|04:07:31.700] Disk storage enabled for ethash DAGs  dir=/home/ubuntu/.ethash count=2
INFO [01-23|04:07:31.700] Initialising EtherCore protocol       versions="[64 63]" network=468 dbversion=<nil>
WARN [01-23|04:07:31.700] Upgrade blockchain database version    from=<nil> to=7
INFO [01-23|04:07:31.701] Loaded most recent local header        number=0 hash=882befcbbd2f5 td=524288 age=1d18m43s
INFO [01-23|04:07:31.701] Loaded most recent local full block    number=0 hash=882befcbbd2f5 td=524288 age=1d18m43s
INFO [01-23|04:07:31.701] Loaded most recent local fast block    number=0 hash=882befcbbd2f5 td=524288 age=1d18m43s
INFO [01-23|04:07:31.701] Regenerated local transaction journal   transactions=0 accounts=0
INFO [01-23|04:07:31.711] Allocated fast sync bloom              size=332.00MiB
```



## 2. Connecting Metamask

You could connect EtherCore Testnet with your Metamask plugin installed on your browser.

Add the following config value to Custom RPC settings.

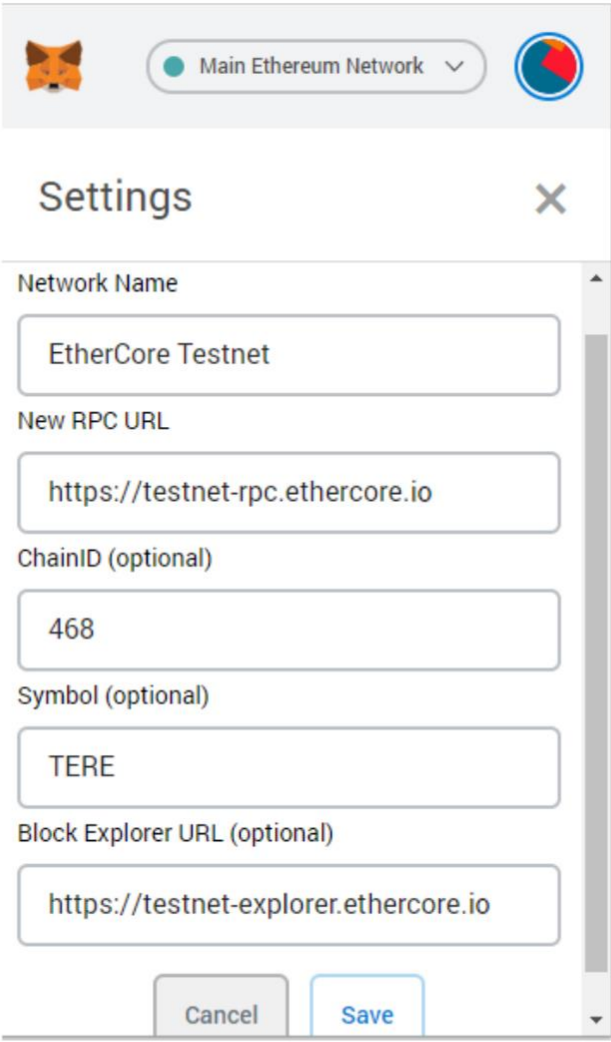
Network Name: EtherCore Testnet

New RPC URL: <https://testnet-rpc.ethercore.io>

ChainID: 468

Symbol: ERE

Block Explorer URL: <https://testnet-explorer.ethercore.io>



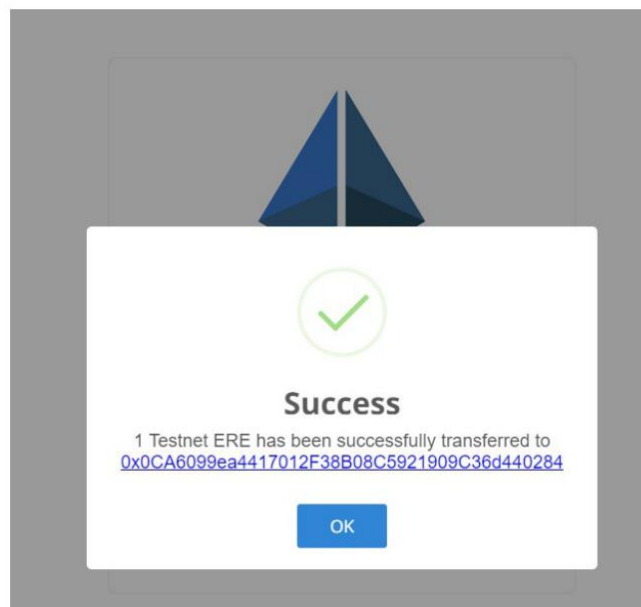
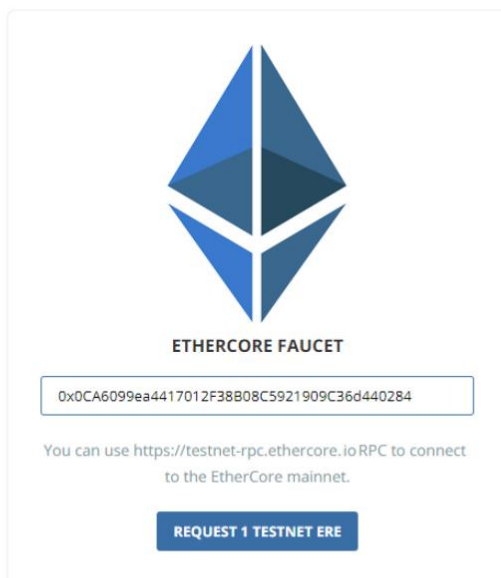
The screenshot shows the Metamask 'Settings' dialog box. At the top, there's a header with the Metamask fox logo, a dropdown menu currently set to 'Main Ethereum Network', and a circular icon. Below the header, the title 'Settings' is centered with a close button (X) on the right. The main content area contains several input fields with labels: 'Network Name' (filled with 'EtherCore Testnet'), 'New RPC URL' (filled with 'https://testnet-rpc.ethercore.io'), 'ChainID (optional)' (filled with '468'), 'Symbol (optional)' (filled with 'TERE'), and 'Block Explorer URL (optional)' (filled with 'https://testnet-explorer.ethercore.io'). At the bottom, there are two buttons: 'Cancel' and 'Save'.



Now you could use your Metamask plugin to receive testnet coins, deploying contract with <https://remix.ethereum.io> , and interacting DApps deployed on EtherCore Testnet!

### 3. Receiving Testnet Coins

Create new wallet from [https://wallet.ethercore.io/?network=ethercore\\_testnet](https://wallet.ethercore.io/?network=ethercore_testnet) and receive some testnet coins from <https://testnet-faucet.ethercore.io> to play with



#### 4. Mining on EtherCore Testnet

Not only requesting coins from faucet, you could also mine some testnet coins via testnet pool

<https://testnet-pool.ethercore.io>

Like mining on Mainnet, fetch the EthCoreMiner and start your miner with the following configuration.

Here is the example bat file for windows

```
:start
TIMEOUT 10
ethcoreminer.exe -P
stratum1+tcp://0xbf0d596191fed3c4ed421a42ee4b9bf21bc1139d.rig1@testnet-
pool.ethercore.io:8008
goto start
```

