

```
+[32mINFO +[0m[04-13|20:56:45.305] Administering Ethereum network
+[33mWARN +[0m[04-13|20:56:45.308] No previous configurations found
                                                                                                                                                                                                                                         ←[32mname←[\thetam=18blockchainhw
←[33mpath←[\thetam=C:\Users\aduri\.puppeth\18blockchainhw
What would you like to do? (default = stats)
 1. Show network stats
 2. Configure new genesis
  3. Track new remote server
 4. Deploy network components
What would you like to do? (default = create)
 1. Create new genesis from scratch
 2. Import already existing genesis
Which consensus engine to use? (default = clique)

    Ethash - proof-of-work
    Clique - proof-of-authority

 > 2
How many seconds should blocks take? (default = 15)
Which accounts are allowed to seal? (mandatory at least one)
   0xda1209AE02553DDaD3060f8253a8bb3b2aD716D6
Which accounts should be pre-funded? (advisable at least one)
 0x0xda1209AE02553DDaD3060f8253a8bb3b2aD716D6
  [31mERROR←[0m[04-13|21:00:04.232] Invalid address length, please retry
   0x9cAD5F6d87DdEd495700691Bd3FcF7A781CDaaa2
   AX
Should the precompile-addresses (0x1 .. 0xff) be pre-funded with 1 wei? (advisable ves)
   yes
Specify your chain/network ID if you want an explicit one (default = random)
    999
         nstantinople: 0 Petersburg: 0 Istanbul: 0, Muir Glacier: <nil>, Berlin: <nil>, YOLO v3: <nil>, Engine: clique}"

[04-13|21:33:11.258] Initialising Ethereum protocol
[04-13|21:33:11.261] Upgrade blockchain database version
[04-13|21:33:11.262] Loaded most recent local header
[04-13|21:33:11.272] Loaded most recent local header
[04-13|21:33:11.272] Loaded most recent local flast block
[04-13|21:33:11.283] Rebuilding state snapshot, regenerating
[04-13|21:33:11.283] Rebuilding state snapshot leftovers
[04-13|21:33:11.288] Regenerated local transaction journal
[04-13|21:33:11.288] Regenerated local transaction journal
[04-13|21:33:11.290] Deleted state snapshot leftovers
[04-13|21:33:11.390] Compacting snapshot account area
[04-13|21:33:11.392] Error reading unclean shutdown markers
[04-13|21:33:11.392] Initialized state bloom
[04-13|21:33:11.393] Stored checkpoint snapshot to disk
[04-13|21:33:11.393] Stored checkpoint snapshot storage area
[04-13|21:33:11.393] Stored checkpoi
                                                                                                                                                                  instance=Geth/v1.10.1-stable-c2d2f4ed/windows-amd64/go1.16
seq=1 id=fa5e43e44ef8d7f3 ip=127.0.0.1 udp=30304 tcp=30304
   34Password: -13|21:33:11.373] Started P2P networking
fdd5980dfacee5cbed1434154e9a3d85f010b214@127.0.0.1:30304
                                                                                                                                                                               self=enode://ba72a8681b6d2891096d279de280c5ed75d9f41f24460f70f0e984fdf8134cafcb6432131ed90449
           5980dfaceeScbed1434154e9a3d85+0100214g127.0.0.1:30304 [04-13]21:33:11.301] Mapped network port [04-13]21:33:11.501] Mapped network port [04-13]21:33:11.501] Compacted snapshot area in database [04-13]21:33:11.513] Resuming state snapshot generation [04-13]21:33:11.523] Generated state snapshot [04-13]21:33:12.905] New local node record [04-13]21:33:22.500] Looking for peers
                                                                                                                                                                  proto=udp extport=30304 intport=30304 interface=NAT-PMP(192.168.1.1) proto=tcp extport=30304 intport=30304 interface=NAT-PMP(192.168.1.1) elapsed=198.419ms root="4ba514.1e4fda" accounts=0 slots=0 storage=0.00B elapsed=0s accounts=257 slots=0 storage=9.57KiB elapsed=9.623ms seq=2 id=fa5e43e44ef8d7f3 ip=75.190.196.141 udp=30304 tcp=30304
```

```
ath of the secret key file: node5\keystore\UTC--2021-04-14T00-44-34.242322700Z--da1209ae02553ddad3060f8253a8bb3b2ad716d
  You can share your public address with anyone. Others need it to interact with you.
  You must NEVER share the secret key with anyone! The key controls access to your funds!
  You must BACKUP your key file! Without the key, it's impossible to access account funds!
  You must REMEMBER your password! Without the password, it's impossible to decrypt the key!
  duri@DESKTOP-J73Q54S MINGW64 ~/Desktop/Blockchain_tool/geth-alltools-windows-amd64-1.10.1-c2d2f4ed
  ./geth --datadir node6 account new
    FO [04-13|20:46:41.256] Maximum peer count
                                                                                                                                                                                     ETH=50 LES=0 total=50
our new account is locked with a password. Please give a password. Do not forget this password.
assword:
epeat password:
our new key was generated
ublic address of the key: 0x9cAD5F6d87DdEd495700691Bd3FcF7A781CDaaa2
ath of the secret key file: node6\keystore\UTC--2021-04-14T00-46-53.090634900Z--9cad5f6d87dded495700691bd3fcf7a781cdaaa
  You can share your public address with anyone. Others need it to interact with you.
  You must NEVER share the secret key with anyone! The key controls access to your funds!
  You must BACKUP your key file! Without the key, it's impossible to access account funds!
  You must REMEMBER your password! Without the password, it's impossible to decrypt the key!
   uri@DESKTOP-J73054S MINGW64 ~/Desktop/Blockchain_tool/geth-alltools-windows-amd64-1.10.1-c2d2f4ed
 aindata
                          e=1.2961B
                                                          S=X197
      0 [04-13|21:30:16.205] Opened ancient database
                                                                                                                                          database=C:\Users\aduri\Desktop\Blockchain tool\geth-alltools-windows-amd64-1.10.1-c2d2f4e
  undata\ancient
NFO [04-13|21:30:16.217] Initialised chain configuration
   NFO [04-13|21:30:16.217] Initialised chain configuration config="{ChainID: 999 Homestead: 0 DAO: <nil> DAOSupport: false EIP150: 0 EIP155: 0 EIP158: Onstantinople: 0 Petersburg: 0 Istanbul: 0, Muir Glacier: <nil> NFO [04-13|21:30:16.227] Initialising Ethereum protocol network=1 dbversion=8 number=0 hash="2de5Cbu.8e1a6f" td=1 age=32m29s
                                                                                                                                       number=0 hash="2de>co..8ela6f" td=1 age=32m29s
number=0 hash="2de>cb..8ela6f" td=1 age=32m29s
number=0 hash="2de>cb..8ela6f" td=1 age=32m29s
disknoot="4ba51d..1e4fdd" diffs=missing
transactions=0 dropped=0
transactions=0 accounts=0
size=1.29GiB
           [64-13]21:30:16-234] Loaded most recent local Header
[64-13]21:30:16-238] Loaded most recent local full block
[64-13]21:30:16-241] Loaded most recent local fast block
           [04-13|21:30:16.245] Loaded snapshot journal
[04-13|21:30:16.247] Loaded local transaction journal
           [04-13] 21:30:10.247] Loaded local transaction journal [04-13] 230:16.253] Regenerated local transaction journal [04-13] 21:30:16.277] Allocated fast sync bloom [04-13] 21:30:16.285] Unclean shutdown detected [04-13] 21:30:16.287] Unclean shutdown detected [04-13] 21:30:16.287] Unclean shutdown detected
                                                                                                                                         siz=1.29G3B

booted=2021-04-13T21:12:43-0400 age=17m33s

booted=2021-04-13T21:13:37-0400 age=16m39s

booted=2021-04-13T21:14:36-0400 age=15m40s

items=356 errorrate=0.000 elapse(=2.015ms
           04-13 | 21.30-16.287 | Initialized state bloom

[44-13 | 21:30-16.287 | Initialized state bloom

[44-13 | 21:30-16.297 | Starting peer-to-peer node

[44-13 | 21:30-16.355 | Mapped network port

[44-13 | 21:30-16.359 | New local node record
                                                                                                                                         items=356 errorrate=0.000 elapsed=2.015ms
instance=Geth/v1.10.1-stable-c2d2f4ed/windows-amd64/go1.16
                                                                                                                                           proto-tcp extport=30303 intport=30303 interface=NAT-PMP(192.168.1.1) seq=5 id=1787ee47cc6b6e7c ip=75.190.196.141 udp=30303 tcp=30303
           [04-13] 21:30:16:359] Mapped network port
[04-13] 21:30:16:370] Started P2P networking
a85a5ea0e90967f761dff384ed480c8@75.190.196.141:30303
                                                                                                                                          proto=udp extport=30303 interface=NAT-PMP(192.168.1.1) self=enode://c9b7f63392e19c1db5526f904ee45458a80da3e220bcf65509ea3b87fdb630f8b774959b4e352
    ///Tabasaseaeee9996/7610T134e0480C8@/3.190.196.141:38365
[FO [84-13] 21:39:16.372] IPC endpoint opened url=\\.\
IFO [84-13] 21:39:16.386] HTTP server started endpoint olocking account 0xda1209AE02553DDaD3060f8253a8bb3b2aD716D6 | Attempt 1/3
                                                                                                                                          url=\\.\pipe\geth.ipc
endpoint=127.0.0.1:8545 prefix= cors= vhosts=localhost
           | G4-13 | 21:30:22.266 | Unlocked account | address=0xda1209AE02553DDaD3060f8253a8bb3b2aD716D6 | G4-13 | 21:30:22.276 | Transaction pool price threshold updated | price=1000000000 | G4-13 | 21:30:22.276 | Transaction pool price threshold updated | price=1000000000 | G4-13 | 21:30:22.276 | Etherbase automatically configured | address=0xda1209AE02553DDaD3060f8253a8bb3b2aD716D6 | G4-13 | 21:30:22.276 | Etherbase automatically configured | address=0xda1209AE02553DDaD3060f8253a8bb3b2aD716D6 | G4-13 | G
           [04-13] 21:30:22.289] Commit new mining work
[04-13] 21:30:22.289] Commit new mining work
[04-13] 21:30:22.289] Successfully sealed new block
[04-13] 21:30:22.299] Commit new mining work
[04-13] 21:30:22.299] D mined potential block
                                                                                                                                           number=1 sealhash="671805...011cec" uncles=0 txs=0 gas=0 fees=0 elapsed="51.7μs"
number=1 sealhash="671805...011cec" hash="45f9d1...5b675f" elapsed=1.074ms
number=2 sealhash="fd58a5...ef5f6c" uncles=0 txs=0 gas=0 fees=0 elapsed="506.9μs"
                                                                                                                                                                 hash="45f9d1...5b675f"
           [04-13] 21:39:22.299] Immined potential block

[04-13] 21:39:26.614] Looking for peers

[04-13] 21:39:36.722] Looking for peers

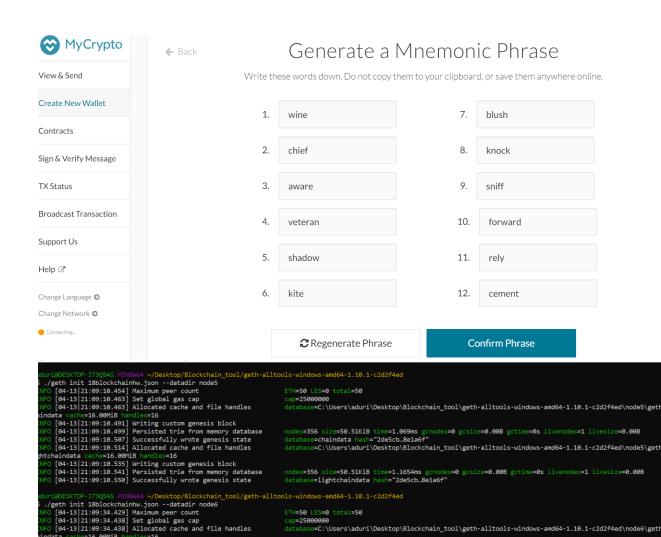
[04-13] 21:39:37.094] Successfully sealed new block

[04-13] 21:39:37.095] Immined potential block

[04-13] 21:39:37.095] Commit new mining work
                                                                                                                                           peercount=0 tried=39 static=0
peercount=0 tried=40 static=0
number=2 sealhash="fd58a5...ef5f6c" hash="c0480a...e6bfcc" elapsed=14.709s
```

```
a85a5ea0e90967f761dff384ed480c8@127 0 0 1·30303
         [04-13|21:13:37.411] IPC endpoint opened
                                                                                                                                      rl=\\.\pipe\geth.ipc
   atal: Failed to read password file: open --rpc: The system cannot find the file specified.
    uri@DESKTOP-J73Q54S MINGW64 ~/Desktop/Blockchain_tool/geth-alltools-windows-amd64-1.10.1-c2d2f4ed
./geth --datadir node5 --mine --miner.threads 1 --unlock "0xda1209AE02553DDaD3060f8253a8bb3b2aD716D6"
F0 [04-13] 21:14:36.584] Starting Geth on Ethereum mainnet...
F0 [04-13] 21:14:36.584] Bumping default cache on mainnet provided=1024 updated=4096
RN [04-13] 21:14:36.590] Sanitizing cache to Go's GC limits provided=4096 updated=2655
F0 [04-13] 21:14:36.590] Maximum peer count ETH=50 LES=0 total=50
          [04-13] 21:14:36.590] Set global gas cap
[04-13] 21:14:36.590] Allocated trie memory caches
[04-13] 21:14:36.600] Allocated cache and file handles
                                                                                                                                   cap=25000000
clean=398.00MiB dirty=663.00MiB
                                                                                                                                   database=C:\Users\aduri\Desktop\Blockchain_tool\geth-alltools-windows-amd64-1.10.
 aindata cache=1.29GiB ha
                                                  dles=8192
         [04-13|21:14:36.645] Opened ancient database
                                                                                                                                   database=C:\Users\aduri\Desktop\Blockchain_tool\geth-alltools-windows-amd64-1.10.
 aindata\ancient
INFO [04-13|21:14:36.652] Initialised chain configuration
  NPG [04-13|21:14:36.652] Initialised chain configuration
Oconstantinople: 0 Petersburg: 0 Istanbul: 0, Muir Glacier: <nil>, Berlin: <nil>, YOLO v3: <nil>, Engine: clique}"
network=1 dbversion=8
NPG [04-13|21:14:36.663] Initialising Ethereum protocol
NPG [04-13|21:14:36.668] Loaded most recent local header
NPG [04-13|21:14:36.672] Loaded most recent local full block
NPG [04-13|21:14:36.673] Loaded most recent local full block
NPG [04-13|21:14:36.678] Loaded snapshot journal
NPG [04-13|21:14:36.678] Loaded local transaction journal
NPG [04-13|21:14:36.687] Regenerated local transaction journal
NPG [04-13|21:14:36.707] Unclean shutdown detected
NPG [04-13|21:14:36.707] Unclean shutdown detected
NPG [04-13|21:14:36.772] Unclean shutdown detected
NPG [04-13|21:14:36.773] New local node record
NPG [04-13|21:14:36.783] Starting peer-to-peer node
NPG [04-13|21:14:36.783] IFC endpoint opened

Config="{chainID: 999 Homestead: 0 DAO: <nil> Anil >, Engine: clique}"
network=1 dbversion=8
number=0 hash="2de5cb..8e1a6f" td=1 age=16m49s
number=0 has
                                                                                                                                   config="{ChainID: 999 Homestead: 0 DAO: <nil> DAOSupport: false EIP150: 0 EIP155:
                                                                                                                                  items=356 errorrate=0.000 elapsed=10.129ms
booted=2021-04-13T21:13:37-0400 age=59s
instance=Geth/v1.10.1-stable-c2d2f4ed/windows-amd64/go1.16
                                                                                                                                   seq=3 id=1787ee47cc6b6e7c ip=127.0.0.1 udp=30303 tcp=30303 self=enode://c9b7f63392e19c1db5526f904ee45458a80da3e220bcf65509ea3b87fdb630f8b7745
INFO [04-13|21:14:36.783] IPC endpoint opened url=\\.\pipe\geth.ipc
Unlocking account 0xda1209AE02553DDaD3060f8253a8bb3b2aD716D6 | Attempt 1/3
 Password: INFO [04-13|21:14:36.810] Mapped network port
INFO [04-13|21:14:36.818] Mapped network port
INFO [04-13|21:14:36.882] New local node record
INFO [04-13|21:14:46.812] Looking for peers
                                                                                                                                   proto=udp extport=30303 intport=30303 interface=NAT-PMP(192.168.1.1) proto=tcp extport=30303 intport=30303 interface=NAT-PMP(192.168.1.1) seq=4 id=1787ee47cc6b6e7c ip=75.190.196.141 udp=30303 tcp=30303
                                                                                                                                   peercount=0 tried=29 static=0
This PC > Desktop > Blockchain_tool > geth-alltools-windows-amd64-1.10.1-c2d2f4ed >
MINGW64:/c/Users/aduri/Desktop/Blockchain_tool/geth-alltools-windows-amd64-1.10.1-c2d2f4ed
   ri@DESKTOP-J73Q54S MINGW64 ~/Desktop/Blockchain_tool/geth-alltools-windows-amd64-1.10.1-c2d2f4ed
 ./geth --datadir node5 account new
   © [04-13|20:44:12.039] Maximum peer count
                                                                                                                                                                  ETH=50 LES=0 total=50
 ur new account is locked with a password. Please give a password. Do not forget this password.
ssword:
epeat password:
our new key was generated
blic address of the key: 0xda1209AE02553DDaD3060f8253a8bb3b2aD716D6
th of the secret key file: node5\keystore\UTC--2021-04-14T00-44-34.242322700Z--da1209ae02553ddad3060f8253a8bb3b2ad716
You can share your public address with anyone. Others need it to interact with you.
You must NEVER share the secret key with anyone! The key controls access to your funds!
You must BACKUP your key file! Without the key, it's impossible to access account funds!
You must REMEMBER your password! Without the password, it's impossible to decrypt the key!
  uri@DESKTOP-J73Q54S MINGW64 ~/Desktop/Blockchain tool/geth-alltools-windows-amd64-1.10.1-c2d2f4ed
```

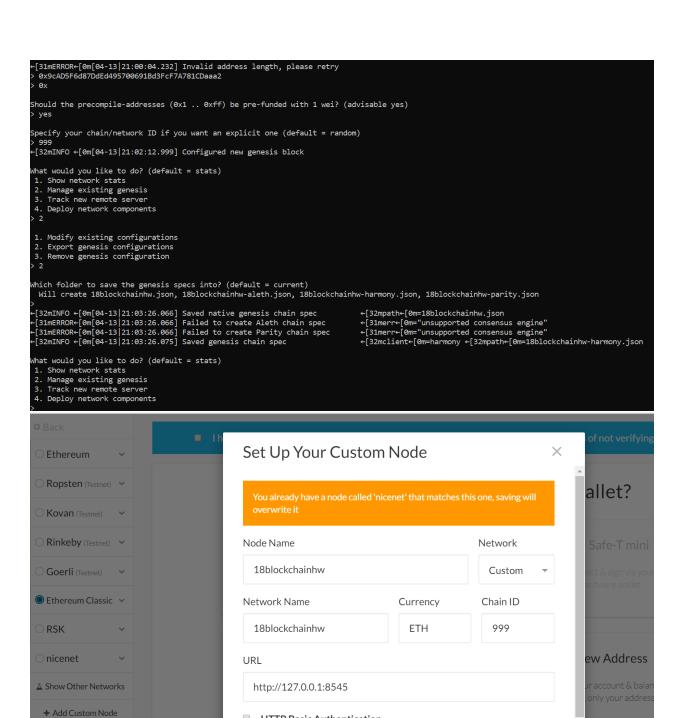


[04-13]21:09:34.438] Allocated cache and file handles at a cache=16.00MiB handles=16
[04-13]21:09:34.467] Writing custom genesis block
[04-13]21:09:34.474] Persisted trie from memory database
[04-13]21:09:34.478] Successfully wrote genesis state
[04-13]21:09:34.488] Allocated cache and file handles
naindate cache=16.00MiB handles=16
[04-13]21:09:34.503] Writing custom genesis block
[04-13]21:09:34.533] Persisted trie from memory database
[04-13]21:09:34.533] Successfully wrote genesis state

database=C:\Users\aduri\Desktop\Blockchain\_tool\geth-alltools-windows-amd64-1.10.1-c2d2f4ed\node6\geth

nodes=356 size=50.51KiB time=1.0655ms gcnodes=0 gcsize=0.00B gctime=0s livenodes=1 livesize=0.00B
database=chaindata hash="2de5cb..8e1a6f"
database=C:\Users\aduri\Desktop\Blockchain\_tool\geth-alltools-windows-amd64-1.10.1-c2d2f4ed\node6\geti

nodes=356 size=50.51KiB time=0s gcnodes=0 gcsize=0.00B gctime=0s livenodes=1 livesize=0.00B database=lightchaindata hash="2de5cb...8e1a6f"



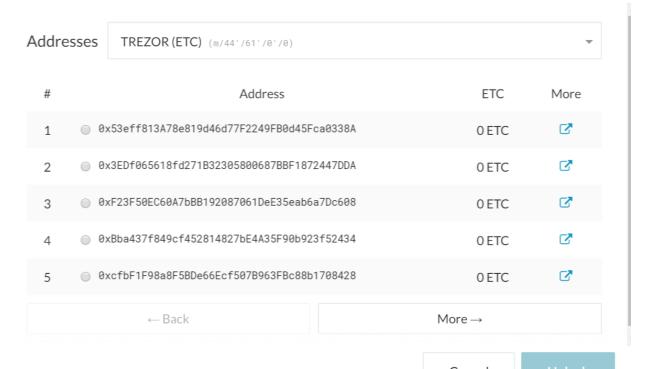
HTTP Basic Authentication

Cancel

Save & Use Custom Node

hrase

## Select an Address



X

