

HOMEWORK 18

Create NODE 1

Public address of the key:
0xB016009c229f881D7c4E918cDE6689De89937652
Path of the secret key file: node1/keystore/UTC-
2021-02-11T16-57-53.587917000Z--
b016009c229f881d7c4e918cde6689de89937652

Create NODE 2

Public address of the key:
0x91E7189CaFd179dBc4653e22Bb10a2A616482D76
Path of the secret key file: node2/keystore/UTC-
2021-02-11T16-58-40.792190000Z--91e7189cafd179dbc4653e22bb10a2a616482d
76

Pword: Ferrari2023#

Genesis

Network	toton
ID	28368

Initialize nodes with .json

```
./geth --datadir node1 init toton.json  
./geth --datadir node2 init toton.json
```

Begin Mining

```
./geth --datadir node1 --unlock  
"B016009c229f881D7c4E918cDE6689De89937652" --mine --rpc --  
allow-insecure-unlock
```

```
enode://  
d0178802312b75e9514df16a7adcec6e0d817a099df0fbf9761b9d826d18199f4da30fd90304e90c1dcc6e  
af088040c8136188209ee8e01981853bb3bed9f437@127.0.0.1:30303
```

```
./geth --datadir node2 --unlock  
"91E7189CaFd179dBc4653e22Bb10a2A616482D76" --mine --port  
30304 --bootnodes "enode://  
d0178802312b75e9514df16a7adcec6e0d817a099df0fbf9761b9d826d  
18199f4da30fd90304e90c1dcc6eaf088040c8136188209ee8e0198185  
3bb3bed9f437@127.0.0.1:30303" --allow-insecure-unlock --  
nodiscover
```

My Crypto Screen Shot

Your TX has been broadcast to the network. It is waiting to be mined & confirmed. During ICOs, it may take 3+ hours to confirm. Use the Verify & Check buttons below to see. TX Hash:

0x64ecb385205e977317acf37ef72e908568b44b5f3899a464e4a7d5be0335baca

Check TX Status

```

Please specify a network name to administer (no spaces, hyphens or capital letters please)
[> toton

Sweet, you can set this via --network=toton next time!

INFO [02-11|11:59:19.941] Administering Ethereum network      name=toton
WARN [02-11|11:59:19.941] No previous configurations found  path=/Users/pablocisilino/.puppeth/toton

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
> 2

What would you like to do? (default = create)
  1. Create new genesis from scratch
  2. Import already existing genesis
> 1

Which consensus engine to use? (default = clique)
  1. Ethash - proof-of-work
  2. Clique - proof-of-authority
> 2

How many seconds should blocks take? (default = 15)
> 15

Which accounts are allowed to seal? (mandatory at least one)
> 0xB016009c229f881D7c4E918cDE6689De89937652
> 0x91E7189CaFd179dBc4653e22Bb10a2A616482D76
> 0x

Which accounts should be pre-funded? (advisable at least one)
> 0xB016009c229f881D7c4E918cDE6689De89937652
> 0x91E7189CaFd179dBc4653e22Bb10a2A616482D76
> 0x

Should the precompile-addresses (0x1 .. 0xff) be pre-funded with 1 wei? (advisable yes)
> no

Specify your chain/network ID if you want an explicit one (default = random)
> 28368
INFO [02-11|12:01:24.749] Configured new genesis block

What would you like to do? (default = stats)
  1. Show network stats
  2. Manage existing genesis
  3. Track new remote server
  4. Deploy network components
> 2

  1. Modify existing configurations
  2. Export genesis configurations
  3. Remove genesis configuration
> 2

Which folder to save the genesis specs into? (default = current)
  Will create toton.json, toton-aleth.json, toton-harmony.json, toton-parity.json
>
INFO [02-11|12:01:38.277] Saved native genesis chain spec      path=toton.json
ERROR[02-11|12:01:38.277] Failed to create Aleth chain spec     err="unsupported consensus engine"
ERROR[02-11|12:01:38.277] Failed to create Parity chain spec    err="unsupported consensus engine"
INFO [02-11|12:01:38.278] Saved genesis chain spec              client=harmony path=toton-harmony.json

```


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

> 2

What would you like to do? (default = create)

1. Create new genesis from scratch
2. Import already existing genesis

> 1

Which consensus engine to use? (default = clique)

1. Ethash - proof-of-work
2. Clique - proof-of-authority

> 2

How many seconds should blocks take? (default = 15)

> 15

Which accounts are allowed to seal? (mandatory at least one)

> 0xD3e95837326CF36901FC5B63a1f846c36b43b7f5

> 0x7251BfC988bD7D5262cD26240a3f526B9D652689

> 0x

Which accounts should be pre-funded? (advisable at least one)

> 0xD3e95837326CF36901FC5B63a1f846c36b43b7f5

> 0x7251BfC988bD7D5262cD26240a3f526B9D652689

> 0x

Should the precompile-addresses (0x1 .. 0xff) be pre-funded with 1 wei? (advisable yes)

>

Specify your chain/network ID if you want an explicit one (default = random)

> 1968

INFO [02-11|11:46:05.960] Configured new genesis block

What would you like to do? (default = stats)

1. Show network stats
2. Manage existing genesis
3. Track new remote server
4. Deploy network components

> 2

1. Modify existing configurations
2. Export genesis configurations
3. Remove genesis configuration

> 2

Which folder to save the genesis specs into? (default = current)

Will create silvina.json, silvina-aeth.json, silvina-harmony.json, silvina-parity.json