amuni@Amar-Desktop-XPS MINGW64 /c/Program Files/Blockchain Tools

$ ./geth --datadir homeworknode1 account new

INFO [11-15|09:05:12.900] Maximum peer count ETH=50 LES=0 total=50

Your new account is locked with a password. Please give a password. Do not forget this password.

Password:

Repeat password:

Your new key was generated

Public address of the key: 0x6354C691025c1319C37CFd510a2584E72d00ab6F

Path of the secret key file: homeworknode1\keystore\UTC--2020-11-15T14-05-17.300709800Z--6354c691025c1319c37cfd510a2584e72d00ab6f

- 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!

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$ ./geth --datadir homeworknode2 account new

INFO [11-15|09:05:53.087] Maximum peer count ETH=50 LES=0 total=50

Your new account is locked with a password. Please give a password. Do not forget this password.

Password:

Repeat password:

Your new key was generated

Public address of the key: 0x49EeFbe3f3d892307E6A14141C8D682406aAD16A

Path of the secret key file: homeworknode2\keystore\UTC--2020-11-15T14-05-56.709078600Z--49eefbe3f3d892307e6a14141c8d682406aad16a

- 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!

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$ ./puppeth

+-----------------------------------------------------------+

| Welcome to puppeth, your Ethereum private network manager |

| |

| This tool lets you create a new Ethereum network down to |

| the genesis block, bootnodes, miners and ethstats servers |

| without the hassle that it would normally entail. |

| |

| Puppeth uses SSH to dial in to remote servers, and builds |

| its network components out of Docker containers using the |

| docker-compose toolset. |

+-----------------------------------------------------------+

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

> unit18

Sweet, you can set this via --network=unit18 next time!

[32mINFO [0m[11-15|09:06:36.238] Administering Ethereum network [32mname[0m=unit18

[33mWARN [0m[11-15|09:06:36.270] No previous configurations found [33mpath[0m=C:\\Users\\amuni\\.puppeth\\unit18

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)

>

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

> 0x6354C691025c1319C37CFd510a2584E72d00ab6F

> 0x49EeFbe3f3d892307E6A14141C8D682406aAD16A

> 0x

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

> 0x6354C691025c1319C37CFd510a2584E72d00ab6F

> 0x49EeFbe3f3d892307E6A14141C8D682406aAD16A

> 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)

> 1002

[32mINFO [0m[11-15|09:07:55.357] 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 unit18.json, unit18-aleth.json, unit18-harmony.json, unit18-parity.json

>

[32mINFO [0m[11-15|09:08:06.710] Saved native genesis chain spec [32mpath[0m=unit18.json

[31mERROR[0m[11-15|09:08:06.724] Failed to create Aleth chain spec [31merr[0m="unsupported consensus engine"

[31mERROR[0m[11-15|09:08:06.724] Failed to create Parity chain spec [31merr[0m="unsupported consensus engine"

[32mINFO [0m[11-15|09:08:06.726] Saved genesis chain spec [32mclient[0m=harmony [32mpath[0m=unit18-harmony.json

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

>

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$