**Node 1**

**Public address of the key:**  0x3e7BE85d010E292F3ceF1D391455cB3E76491c6f

**Path of the secret key file:** node1\keystore\UTC--2021-02-18T18-40-11.046441000Z--3e7be85d010e292f3cef1d391455cb3e76491c6f

**Node 2**

**Public address of the key:** 0xc0c11695c7d2054611A37EBB20EE8D610343b990

**Path of the secret key file:** node2\keystore\UTC--2021-02-18T18-43-57.291472800Z--c0c11695c7d2054611a37ebb20ee8d610343b990

**Creating my Genisis from scratch running puppet and creating a puppernet2 file:**

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

> puppernet2

Sweet, you can set this via --network=puppernet2 next time!

INFO [02-18|13:52:58.226] Administering Ethereum network name=puppernet2

WARN [02-18|13:52:58.229] No previous configurations found path=C:\\Users\\hatti\\.puppeth\\puppernet2

**Below is where I’m configuring the new Genisis by running through the options below.**

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

> 1

**After establishing the above I have gone to my MyCrypto account to obtain an Account Address. I have then funded my account with the recommended 1 wei.**

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

> 0x0D590f3248a183318996D002fBC755Bd9807aE7F

> 0x

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

>

**Below I established the number for the chain ID:**

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

> 333

INFO [02-18|14:04:45.856] 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

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 puppernet2.json, puppernet2-aleth.json, puppernet2-harmony.json, puppernet2-parity.json

>

INFO [02-18|14:13:25.231] Saved native genesis chain spec path=puppernet2.json

INFO [02-18|14:13:25.234] Saved genesis chain spec client=aleth path=puppernet2-aleth.json

INFO [02-18|14:13:25.236] Saved genesis chain spec client=parity path=puppernet2-parity.json

INFO [02-18|14:13:25.238] Saved genesis chain spec client=harmony path=puppernet2-harmony.json

hatti@DESKTOP-TT572B0 MINGW64 ~/GWU\_Bootcamp/Blockchain-Tools (master)

$ ^C

hatti@DESKTOP-TT572B0 MINGW64 ~/GWU\_Bootcamp/Blockchain-Tools (master)

$ ./geth account new --datadir node1

INFO [02-18|14:20:52.622] 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.

!! Unsupported terminal, password will be echoed.

Password: CornBag7508

Repeat password: CornBag7508

Your new key was generated

Public address of the key: 0xBbCa4Cf0EbB3B8e8Bdf79C0895484F67A9329303

Path of the secret key file: node1\keystore\UTC--2021-02-18T19-21-05.681032200Z--bbca4cf0ebb3b8e8bdf79c0895484f67a9329303

- 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!

hatti@DESKTOP-TT572B0 MINGW64 ~/GWU\_Bootcamp/Blockchain-Tools (master)

$ ./geth account new --datadir node2

INFO [02-18|14:23:14.036] 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.

!! Unsupported terminal, password will be echoed.

Password: CornBag7508

Repeat password: CornBag7508

Your new key was generated

Public address of the key: 0xDc6aCdC72ea8Bfb69d2621E90a02Ad8c29808433

Path of the secret key file: node2\keystore\UTC--2021-02-18T19-23-27.407686400Z--dc6acdc72ea8bfb69d2621e90a02ad8c29808433

- 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!

hatti@DESKTOP-TT572B0 MINGW64 ~/GWU\_Bootcamp/Blockchain-Tools (master)

$ ./geth init puppernet2.json --datadir node1

INFO [02-18|14:28:34.696] Maximum peer count ETH=50 LES=0 total=50

INFO [02-18|14:28:34.754] Allocated cache and file handles database=C:\\Users\\hatti\\GWU\_Bootcamp\\Blockchain-Tools\\node1\\geth\\chaindata cache=16.00MiB handles=16

INFO [02-18|14:28:34.763] Writing custom genesis block

INFO [02-18|14:28:34.768] Persisted trie from memory database nodes=356 size=50.77KiB time=1.026ms gcnodes=0 gcsize=0.00B gctime=0s livenodes=1 livesize=0.00B

INFO [02-18|14:28:34.769] Successfully wrote genesis state database=chaindata hash=856ed4ΓÇª45d917

INFO [02-18|14:28:34.769] Allocated cache and file handles database=C:\\Users\\hatti\\GWU\_Bootcamp\\Blockchain-Tools\\node1\\geth\\lightchaindata cache=16.00MiB handles=16

INFO [02-18|14:28:34.776] Writing custom genesis block

INFO [02-18|14:28:34.799] Persisted trie from memory database nodes=356 size=50.77KiB time=998.7┬╡s gcnodes=0 gcsize=0.00B gctime=0s livenodes=1 livesize=0.00B

INFO [02-18|14:28:34.800] Successfully wrote genesis state database=lightchaindata hash=856ed4ΓÇª45d917

hatti@DESKTOP-TT572B0 MINGW64 ~/GWU\_Bootcamp/Blockchain-Tools (master)

$ ./geth init puppernet2.json --datadir node2

INFO [02-18|14:29:57.156] Maximum peer count ETH=50 LES=0 total=50

INFO [02-18|14:29:57.214] Allocated cache and file handles database=C:\\Users\\hatti\\GWU\_Bootcamp\\Blockchain-Tools\\node2\\geth\\chaindata cache=16.00MiB handles=16

INFO [02-18|14:29:57.224] Writing custom genesis block

INFO [02-18|14:29:57.230] Persisted trie from memory database nodes=356 size=50.77KiB time=1.9922ms gcnodes=0 gcsize=0.00B gctime=0s livenodes=1 livesize=0.00B

INFO [02-18|14:29:57.230] Successfully wrote genesis state database=chaindata hash=856ed4ΓÇª45d917

INFO [02-18|14:29:57.231] Allocated cache and file handles database=C:\\Users\\hatti\\GWU\_Bootcamp\\Blockchain-Tools\\node2\\geth\\lightchaindata cache=16.00MiB handles=16

INFO [02-18|14:29:57.237] Writing custom genesis block

INFO [02-18|14:29:57.243] Persisted trie from memory database nodes=356 size=50.77KiB time=1.114ms gcnodes=0 gcsize=0.00B gctime=0s livenodes=1 livesize=0.00B

INFO [02-18|14:29:57.243] Successfully wrote genesis state database=lightchaindata hash=856ed4ΓÇª45d917

