

Create rose3 network

```
rose3 — puppeth — 80x24
(base) elisakkal@Elis-MacBook-Pro rose3 % ./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.                                    |
+-----+

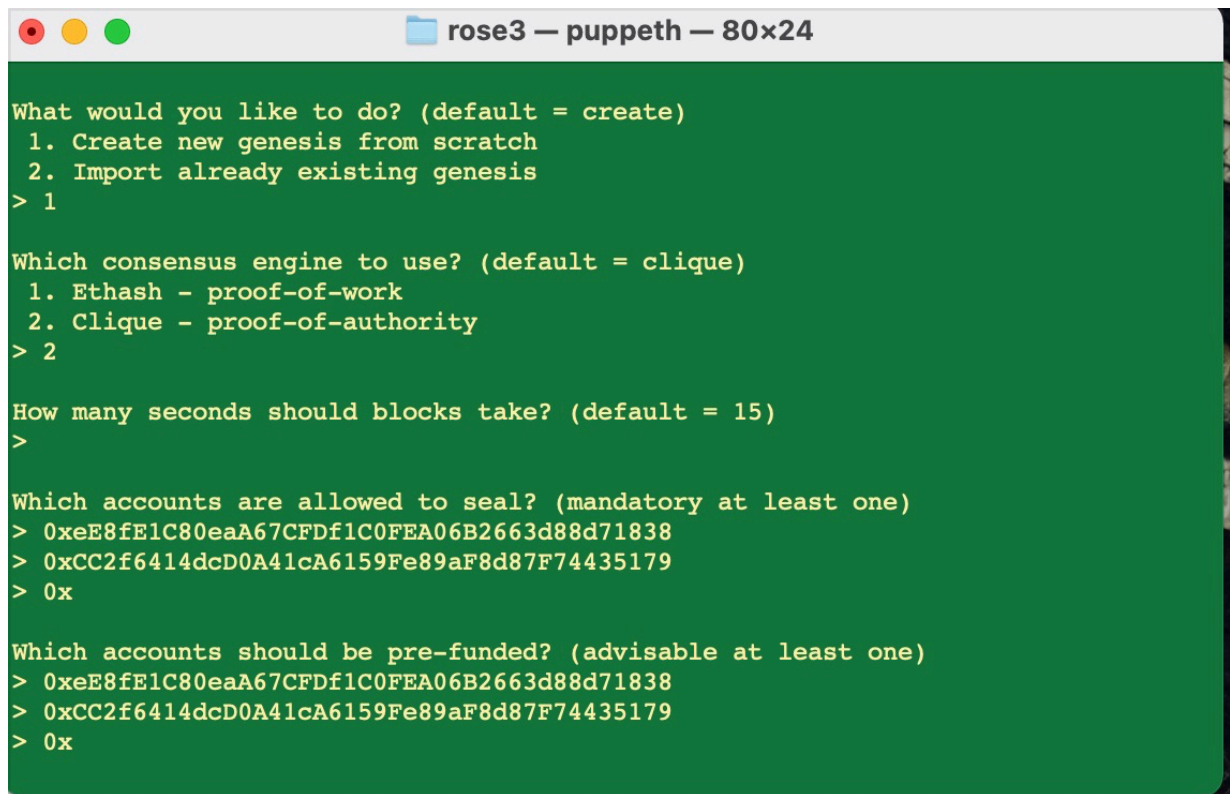
Please specify a network name to administer (no spaces, hyphens or capital letters please)
> rose3

Sweet, you can set this via --network=rose3 next time!

INFO [02-09|20:22:19.678] Administering Ethereum network      name=rose3
WARN [02-09|20:22:19.679] No previous configurations found      path=/Users/elisakkal/.puppeth/rose3

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

Create the genesis with the POA



```
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)
> 0xE8fE1C80eaA67CFDf1C0FEA06B2663d88d71838
> 0xCC2f6414dcD0A41cA6159Fe89aF8d87F74435179
> 0x

Which accounts should be pre-funded? (advisable at least one)
> 0xE8fE1C80eaA67CFDf1C0FEA06B2663d88d71838
> 0xCC2f6414dcD0A41cA6159Fe89aF8d87F74435179
> 0x
```

Initialize Node1 and Node 2

```
rose3 — -zsh — 80x44
(base) elisakkal@Elis-MacBook-Pro rose3 % ./geth --datadir node1 init rose3.json
INFO [02-09|20:29:27.427] Maximum peer count           ETH=50 LES=0
total=50
INFO [02-09|20:29:27.450] Set global gas cap           cap=25000000
INFO [02-09|20:29:27.450] Allocated cache and file handles database=/Users/elisakkal/Desktop/rose3/node1/geth/chaindata cache=16.00MiB handles=16
INFO [02-09|20:29:27.539] Writing custom genesis block
INFO [02-09|20:29:27.543] Persisted trie from memory database nodes=359 size=50.85KiB time=1.109988ms gcnodes=0 gcsiz
e=0.00B gctime=0s livenodes=1 livesize=0.00B
INFO [02-09|20:29:27.544] Successfully wrote genesis state database=chaindata hash="0138fc...748ff3"
INFO [02-09|20:29:27.544] Allocated cache and file handles database=/Users/elisakkal/Desktop/rose3/node1/geth/lightchaindata cache=16.00MiB handles=16
INFO [02-09|20:29:27.611] Writing custom genesis block
INFO [02-09|20:29:27.615] Persisted trie from memory database nodes=359 size=50.85KiB time="991.135µs" gcnodes=0 gcsiz
e=0.00B gctime=0s livenodes=1 livesize=0.00B
INFO [02-09|20:29:27.615] Successfully wrote genesis state database=lightchaindata hash="0138fc...748ff3"
(base) elisakkal@Elis-MacBook-Pro rose3 % ./geth --datadir node2 init rose3.jason
Fatal: Failed to read genesis file: open rose3.jason: no such file or directory
(base) elisakkal@Elis-MacBook-Pro rose3 % ./geth --datadir node2 init rose3.json
INFO [02-09|20:31:02.412] Maximum peer count           ETH=50 LES=0
total=50
INFO [02-09|20:31:02.432] Set global gas cap           cap=25000000
INFO [02-09|20:31:02.432] Allocated cache and file handles database=/Users/elisakkal/Desktop/rose3/node2/geth/chaindata cache=16.00MiB handles=16
INFO [02-09|20:31:02.503] Writing custom genesis block
INFO [02-09|20:31:02.507] Persisted trie from memory database nodes=359 size=50.85KiB time=1.196804ms gcnodes=0 gcsiz
e=0.00B gctime=0s livenodes=1 livesize=0.00B
INFO [02-09|20:31:02.508] Successfully wrote genesis state database=chaindata hash="0138fc...748ff3"
INFO [02-09|20:31:02.508] Allocated cache and file handles database=/Users/elisakkal/Desktop/rose3/node2/geth/lightchaindata cache=16.00MiB handles=16
INFO [02-09|20:31:02.593] Writing custom genesis block
INFO [02-09|20:31:02.598] Persisted trie from memory database nodes=359 size=50.85KiB time=1.524858ms gcnodes=0 gcsiz
e=0.00B gctime=0s livenodes=1 livesize=0.00B
INFO [02-09|20:31:02.598] Successfully wrote genesis state database=lightchaindata hash="0138fc...748ff3"
(base) elisakkal@Elis-MacBook-Pro rose3 %
```