Using Puppeth, the Ethereum Private Network manager(for Mac)

Operating System: OSX		
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Step1-creat your own poa network (don't try it on virtualbox since the ssh problem)

Using geth and Puppeth to creat a POA network(on Mac)

Follow the solution from this link

In the prove of network

Prefunder: Owing lots of money.

Sealing: Could be a block creater

Remind: don't forget setting different port between each nodes so that they could communincate each other.

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Step2-Open ssh service on you device

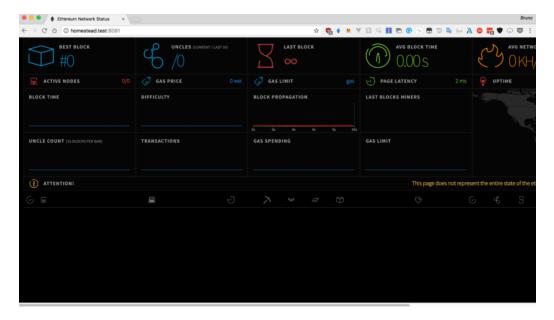
We will use Mac to be our SSH provider since the puppeth could not directly deploy the ethstat on mac. So we will use other device to deploy the ethstat on the server provided by mac. Prequisite of your device:

- 1.Docker
- 2.puppeth
- (a) Open the terminal type: puppeth test
- (b) type: the puppeth
 - 1.network name
 - 2. Choose 4 Deloy network components
 - 3. Choose 1 Deploy Ethstats
 - 4. Connect other server
 - 5. Type the hostname@ip. (your can search the ip by type ifconfig in **en0**)
 - 6. Then type the password
 - 7. Name and password and port

Then you will see something like this:

INFO [05-20 11:44:23] Starting remote server health-check					
server=vagrant@192.168.10.10					
+					
+					
SERVER ADDRESS SERVICE CONFIG					
VALUE					
+					
+					
vagrant@192.168.10.10 192.168.10.10 ethstats Banned addresses					
I ti					
Login secret					
internet2					

(c)Check the website on mac(localhost:port)



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Step3 Lauch your node to connect the network

Openning the terminal under each node file type:

(a)node

geth --datadir ./data -networkid \$you setting -port \$not duplicate
 -- ethstats \$node name: fogchain@ip.port --identity \$node name console

(b) miner

geth ——datadir ./data —networkid \$you setting —port \$not duplicate —— ethstats \$miner name: fogchain@ip.port ——identity \$miner name —— unlock\$address. ——mine console

Then type the account password.

You will see the following picture in your localhost:port



Reference: https://www.sitepoint.com/puppeth-introduction/