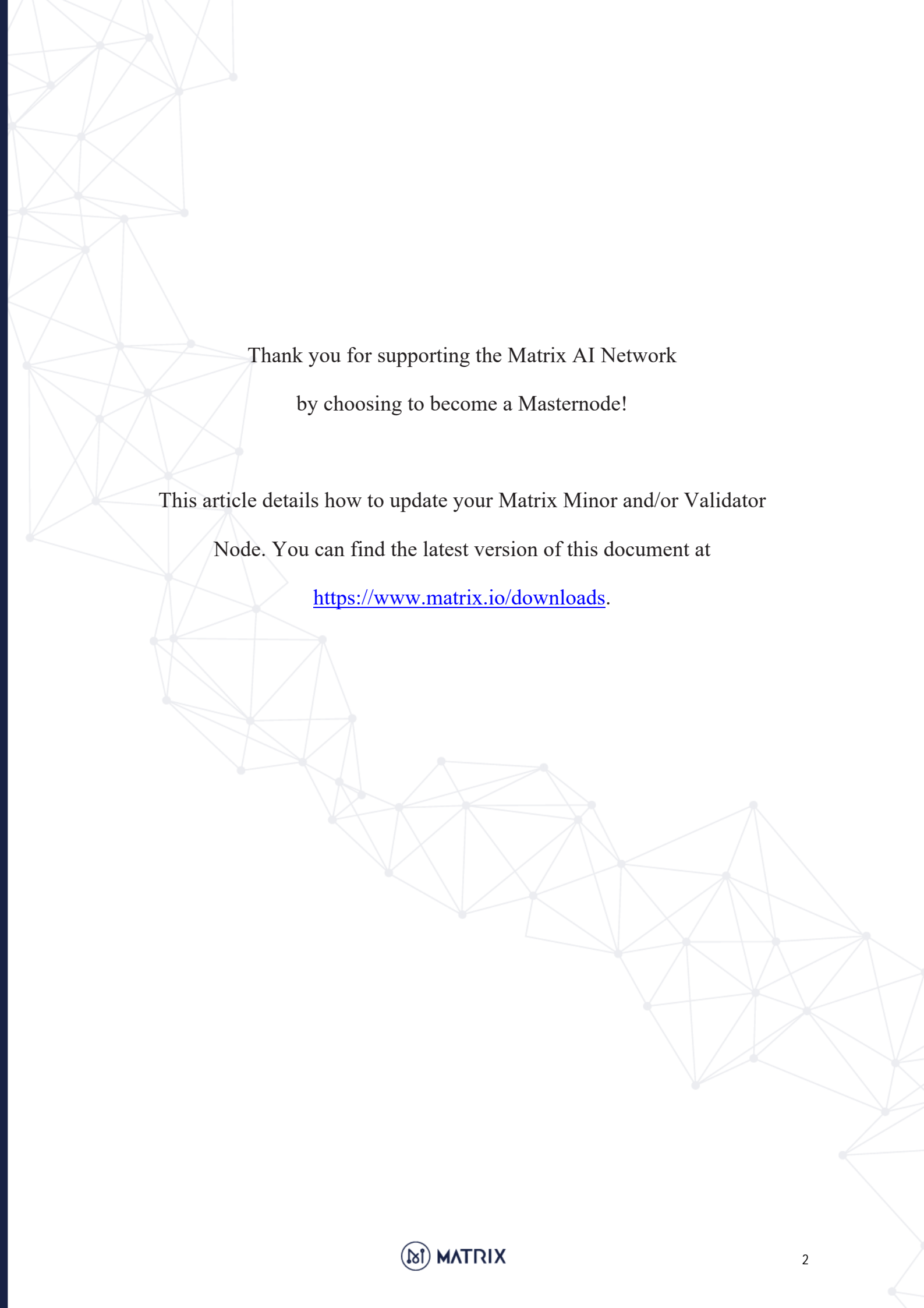




MATRIX MASTERNODE UPDATE GUIDE (FOR MAC)



Thank you for supporting the Matrix AI Network
by choosing to become a Masternode!

This article details how to update your Matrix Minor and/or Validator
Node. You can find the latest version of this document at
<https://www.matrix.io/downloads>.

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Update Your Masternode (for Mac)

To update your Masternode, take the following steps:

Update Your Masternode

1. Download and decompress Matrix Masternode Update Guide and Files
2. Quit Masternode mining Terminal
3. Replace **gman (Mac)**
4. Put in the **picstore** file
5. Launch your Masternode

View Your Masternode

Double Wallets

Matrix uses a double-wallet solution to keep your Masternode secure.

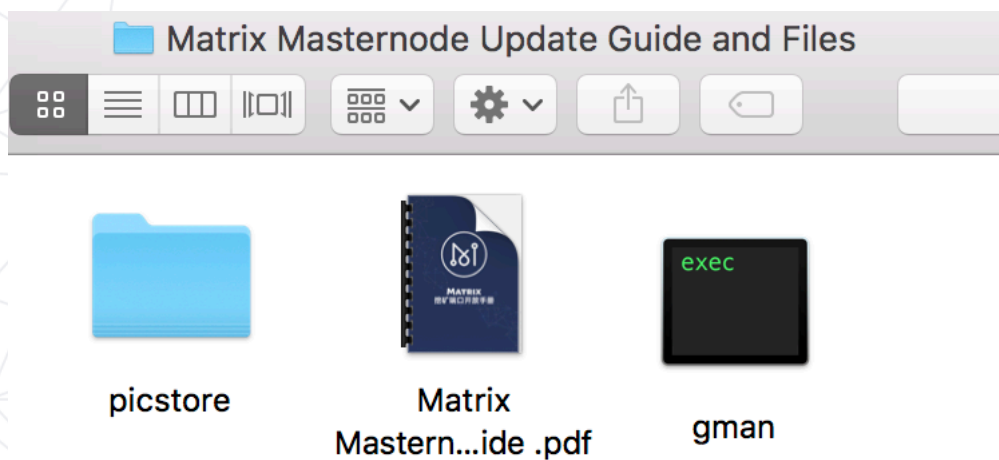
For the purpose of this guide, your two wallets will be identified as followed:

- **Wallet A:** Your existing Matrix wallet that holds all your MAN tokens
- **Wallet B:** A brand new wallet created for Masternode activities

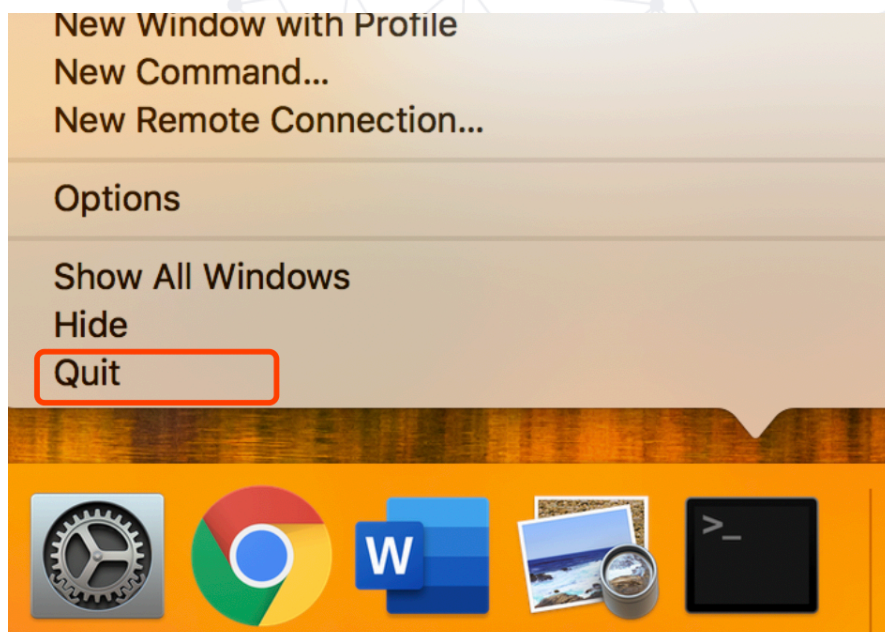
After successfully setting up a Masternode, keep **Wallet A** in a safe place as this wallet will receive block rewards. Use **Wallet B** to manage daily Masternode activities but not to hold any MAN tokens.

Launch Your Masternode

1. Download *Matrix Masternode Update Guide and Files* from <https://www.matrix.io>. Decompress the gman (Mac).zip package and picstore folder.

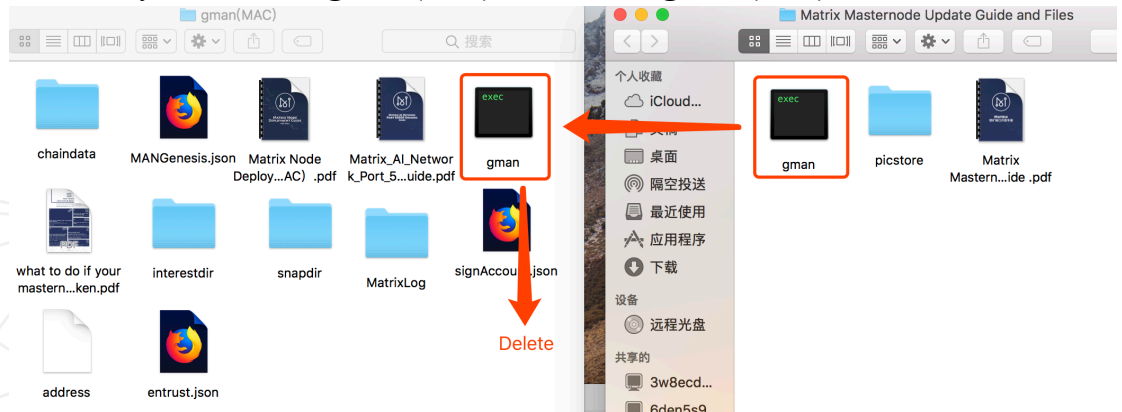


2. Quit Masternode mining Terminal



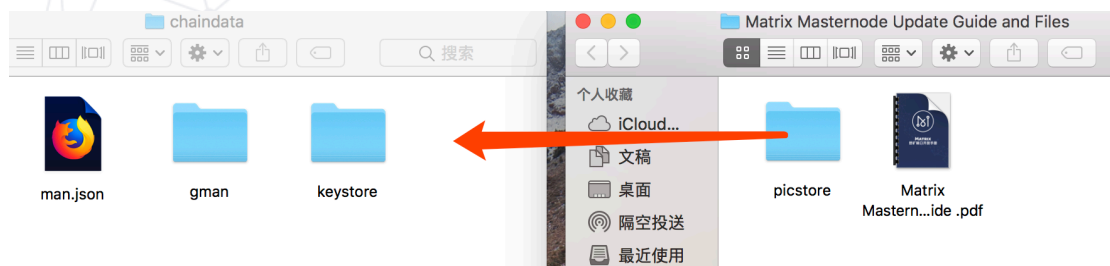
3. Replace gman (Mac)

- (1) Open the **gman (Mac)** fold. Delete the old **gman** file
- (2) Put the newly downloaded **gman (Mac).exe** file into **gman (Mac)** folder



4. Put in the picstore file

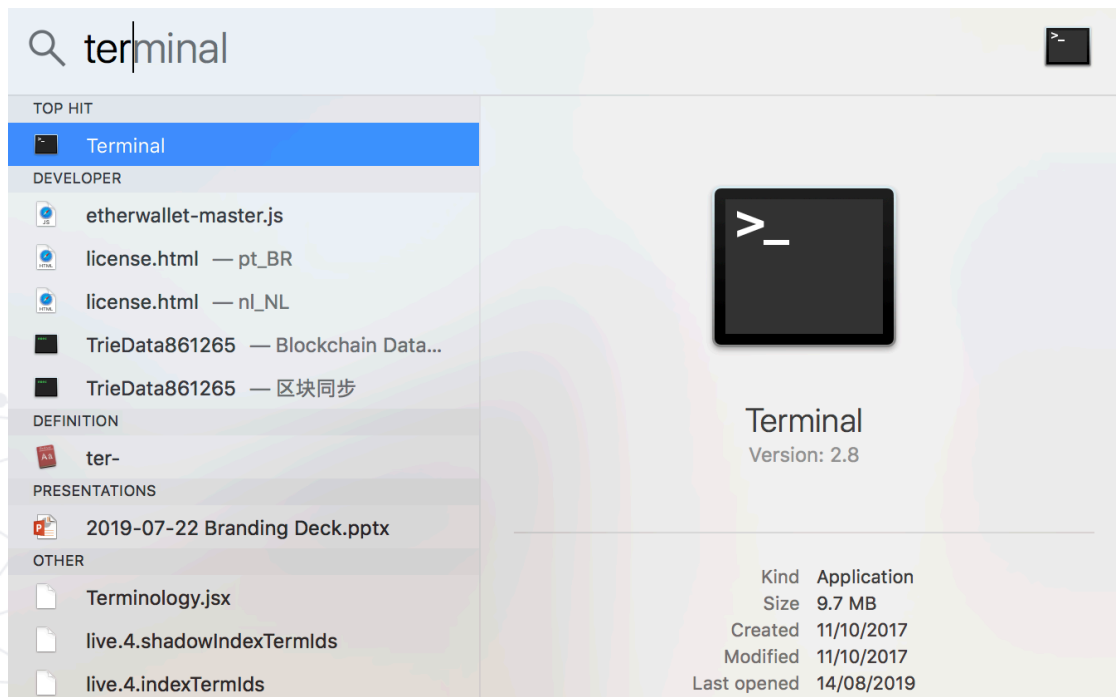
Put the **picstore** folder into the **chaindata** folder, which should be found under the **gman (Mac)** folder.



5. Launch your Masternode

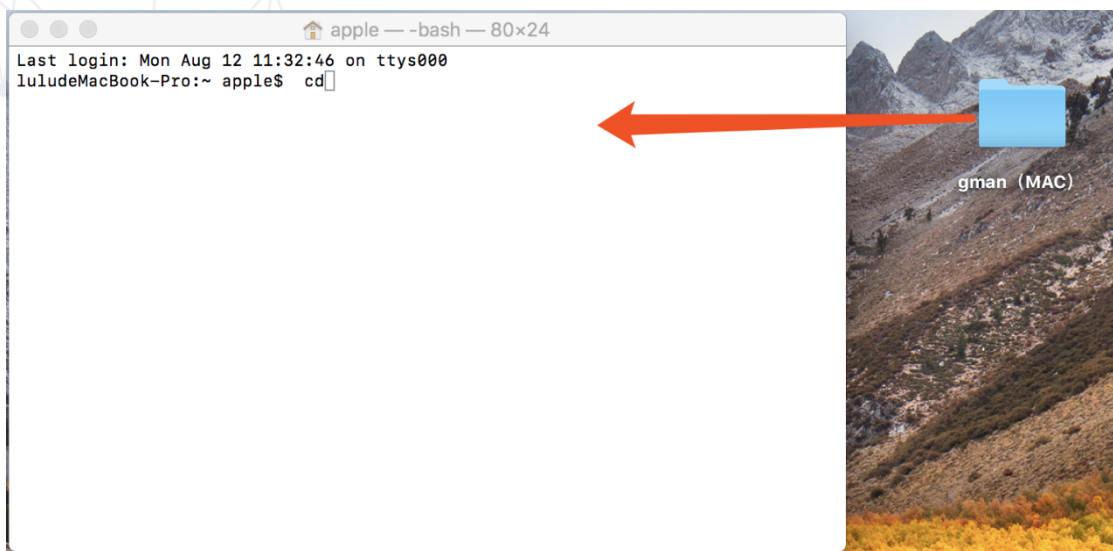
- (1) Open the system's **Terminal**

Use Spotlight to locate the system Terminal, or use keyboard shortcut: **ctrl/command + Spacebar**



(2) Fill in the filepath

Enter **cd** after the dollar sign. Then drag your **gman (Mac)** folder into the **Terminal** window to automatically fill in the filepath. Press **Enter**.



6. Enter the launch code

Copy the following string and paste it after the dollar sign in the **Terminal** window. Press **Enter**.

Please make sure to insert a space between manAddress and your **Wallet B** address.

`./gman --datadir ./chaindata --networkid 1 --debug --verbosity 5 --manAddress`

(Wallet B) `--entrust ./entrust.json --gcmode archive --outputinfo 1 --syncmode full`

You will be promoted to enter the password again. Do so. After entering your password, you should receive a congratulatory message after a few seconds. Congratulations! Your Masternode is set up!

```
gman(MAC) — gman --datadir ./chaindata --networkid 1 --debug --verbosity 5...
Your input is ./signAccount.json
Your password's length must be between 8 and 16 characters, and should contain numbers, uppercase letters (A-Z), lowercase letters (a-z) and special characters
This is the 1 time you enter the password
Passphrase: ]
Repeat passphrase: ]
Unable to detect your password. Please enter it again Passphrases do not match
This is the 2 time you enter the password
Passphrase: ]
Repeat passphrase: ]
Write into entrust.json successfully
luludeMacBook-Pro:gman(MAC) apple$ ./gman --datadir ./chaindata --networkid 1 --debug --verbosity 5 --manAddress MAN.2YY2yetFTWmaivyKTRjWv4vEs4hTG --entrust ./entrust.json --gcmode archive --outputinfo 1 --syncmode full
log will write in new file
Please enter the password. Your password's length must be between 8 and 16 characters, and should contain numbers, uppercase letters (A-Z), lowercase letters (a-z) and special characters
This is the 1 time you enter the password
Passphrase: ]

Congratulations! Your Matrix Masternode has been successfully deployed and is already hard at work! Thank you for supporting the Matrix AI Network!
```


View Your Masternode

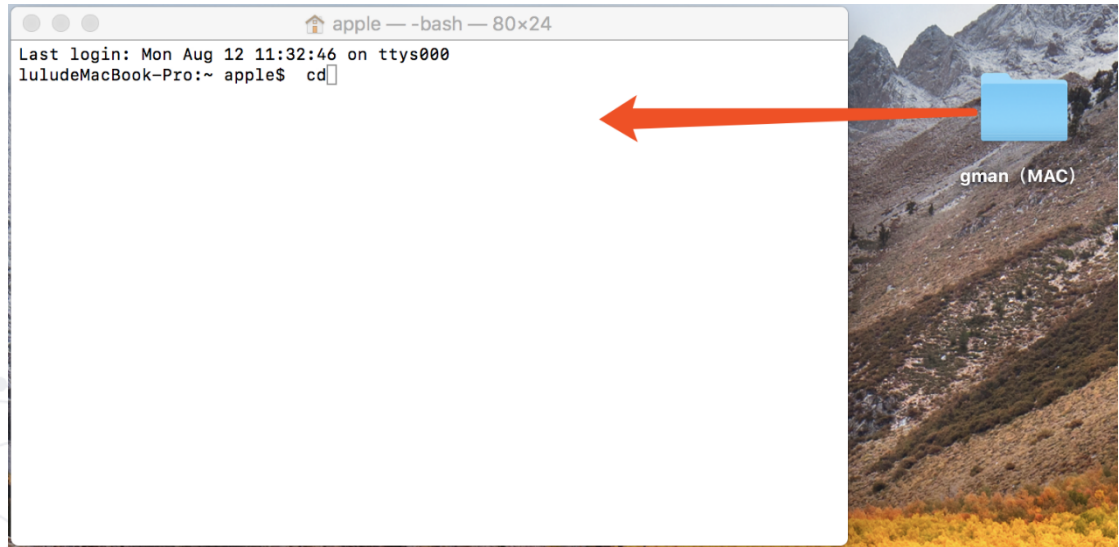
After launching your Masternode, wait 5 minutes before trying to view it. To connect to your Masternode and view relevant information, you need to open a new **Terminal** window.

1. New Terminal window and new filepath

- (1) Right click on the **Terminal** icon. Select **New Window**.



- (2) Type **cd** after the **dollar sign**. Then drag your **gman (Mac)** folder into the **Terminal** window to automatically fill in the filepath.



2. View the Masternode

(1) Copy and paste the following string into the **Command Prompt**. Press **Enter**.

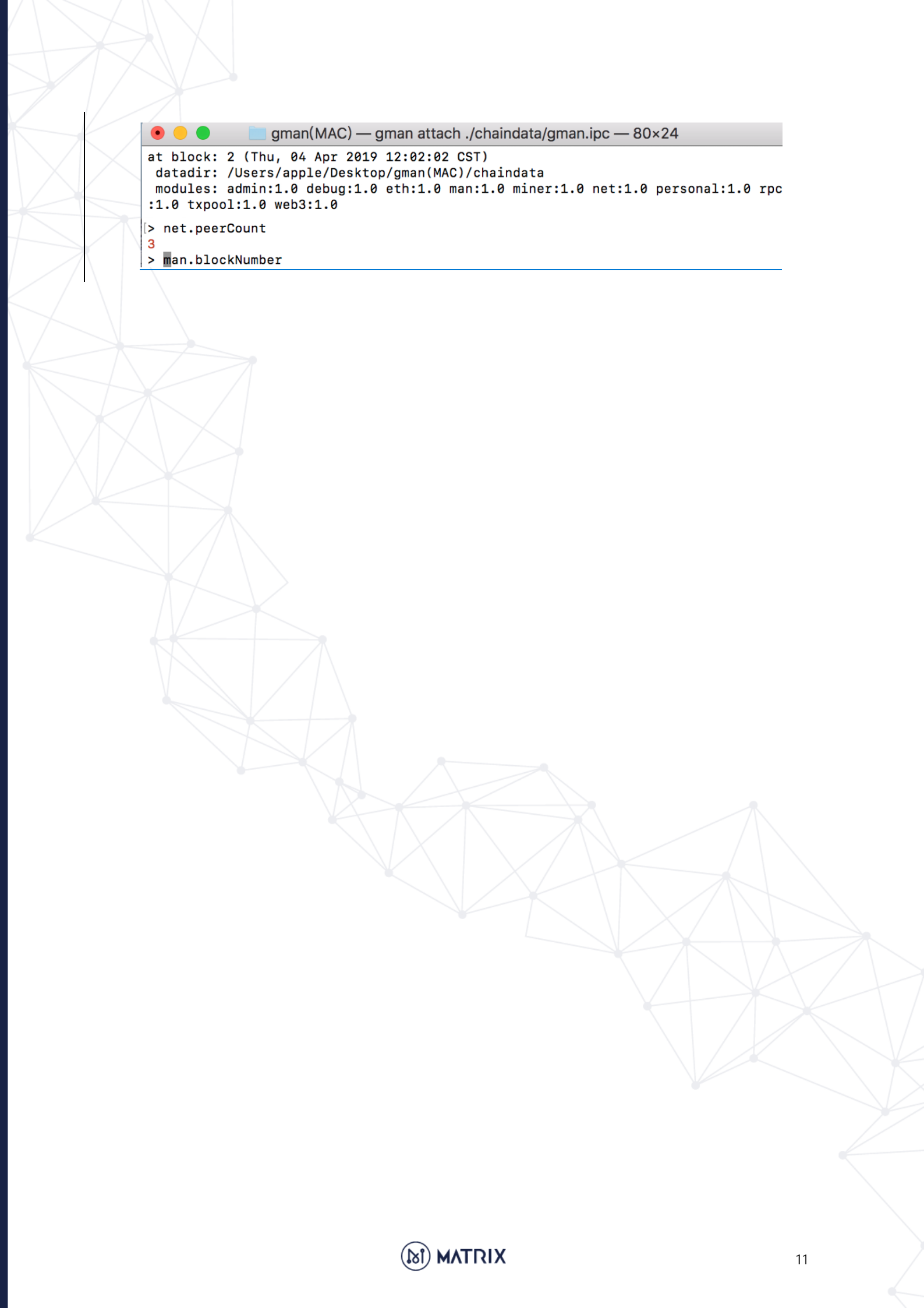
`./ gman attach ./chaindata/gman.ipc`

```
MAC EN V2.6 — gman attach ./chaindata/gman.ipc — 80x24
Last login: Mon Aug 12 14:49:35 on ttys000
[luludeMacBook-Pro:~ apple$ cd /Users/apple/Desktop/MAC\ EN\ V2.6 ]
[luludeMacBook-Pro:MAC EN V2.6 apple$ ./gman attach ./chaindata/gman.ipc ]
Welcome to the Gman JavaScript console!

instance: Gman/v1.0.0.3_2863322cfc56859bb48789ff867440f268216ce8/darwin-amd64/go
1.12
coinbase: 0x8c2c645be2b219f651d846ef6f50bb6c57d802bf
at block: 861265 (Tue, 06 Aug 2019 17:46:54 CST)
datadir: /Users/apple/Desktop/MAC EN V2.6/chaindata
modules: admin:1.0 debug:1.0 eth:1.0 man:1.0 miner:1.0 net:1.0 personal:1.0 rpc
:1.0 txpool:1.0 web3:1.0

> █
```

(2) Enter **net.peerCount**. Press **Enter**. If the return value you get is higher than **zero**, this means your Masternode has been launched successfully.



```
gman(MAC) — gman attach ./chaindata/gman.ipc — 80x24
at block: 2 (Thu, 04 Apr 2019 12:02:02 CST)
datadir: /Users/apple/Desktop/gman(MAC)/chaindata
modules: admin:1.0 debug:1.0 eth:1.0 man:1.0 miner:1.0 net:1.0 personal:1.0 rpc
:1.0 txpool:1.0 web3:1.0
[> net.peerCount
3
> man.blockNumber
```