

How to join the ipfs private network

STEP 1: download the ipfs desktop or ipfs command line base on your computer OS.

- Desktop link : <https://docs.ipfs.io/install/ipfs-desktop/>
- Command line link: <https://docs.ipfs.io/install/command-line/>

Note: you need only select what you want to in Desktop or Command, Command line is friendly for Developer, Desktop is more friendly for nor-technology Users;

STEP 2: If STEP2 did done, please launch it first time to check it works well for public network way.

STEP 3: Update Bootstrap list

update bootstrap list before like as :

```
AutoNAT : {f,  
  "Bootstrap": [  
    "/dnsaddr/bootstrap.libp2p.io/p2p/QmNnooDu7bfjPFoTZYxMNLWUQJyrVwtbZg5gBMjTezGAJN",  
    "/dnsaddr/bootstrap.libp2p.io/p2p/QmQCU2EcMqAqQPR2i9bChDtGNJchTbq5TbXJJ16u19uLTa",  
    "/dnsaddr/bootstrap.libp2p.io/p2p/QmbLHAnMoJPWSCR5Zhtx6BHJX9KiKNN6tpvbUcqanJ75Nb",  
    "/dnsaddr/bootstrap.libp2p.io/p2p/QmcZF59bWwK5XFi76CZX8cbJ4BhTzzA3gU1ZjYZcYW3dwt",  
    "/ip4/104.131.131.82/tcp/4001/p2p/QmaCpDMGvV2BGHeYERUEnRQAwe3N8SzbUtsfsmvsqQLuvuJ",  
    "/ip4/104.131.131.82/udp/4001/quiC/p2p/QmaCpDMGvV2BGHeYERUEnRQAwe3N8SzbUtsfsmvsqQLuvuJ"  
  ],  
}
```

update bootstrap list After like as :

```
AutoNAT : {f,  
  "Bootstrap": [  
    "/ip4/172.104.128.147/tcp/4001/ipfs/12D3KooWSGUTw4GiKyI9JMyt6qFRyAsQQNnufpWDTKCaZgrrpapQ"  
  ],  
}
```

STEP 4: when updated Bootstrap list done, exit IPFS node.

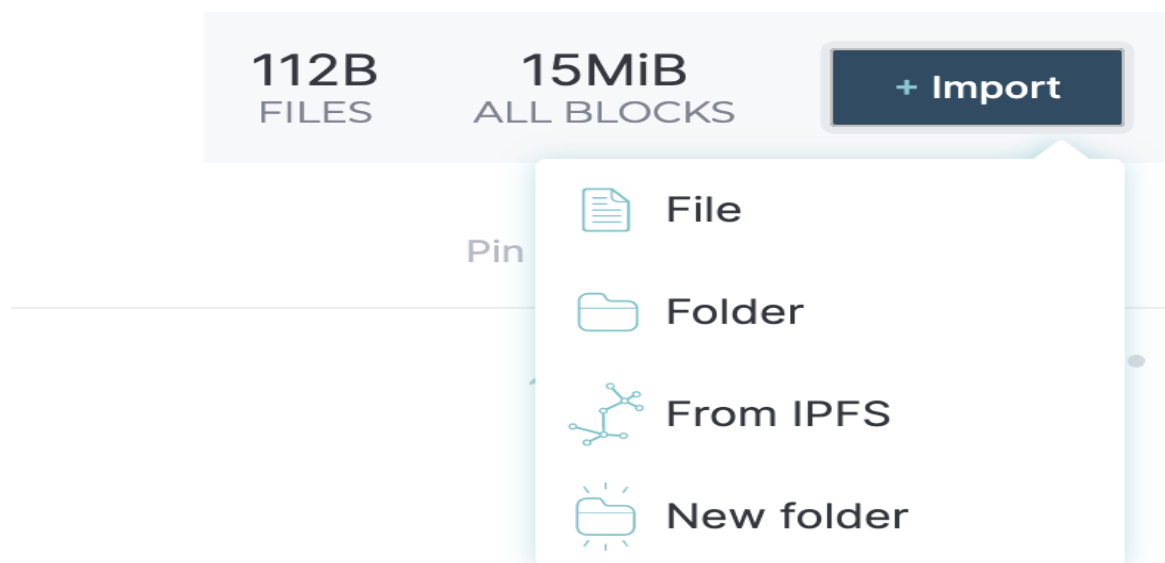
STEP 5: copy swarm.key to your \$HOME/.ipfs directory.

STEP 6: When copy swarm.key done, start launch IPFS node again.

STEP 7: When Previous STEP 6 done successfully, it mean the your IPFS node have joined the private network now.

STEP 8: test fetch a file by CID by import from IPFS (Click Import Button)

- QmbrzWLWNrYgpZqMD93Nuwb5HsqneTL9GuywBpCHfzaeFP



You will see the file content like as

Files / Qmf9...PjK

134B
FILES

133KiB
ALL BLOCKS

... More

```
welcome docushield to Web3 World!
```

STEP 9: Done, Congratulations! Do what you want to or explore more features of IPFS.