

Spock Mining tutorial

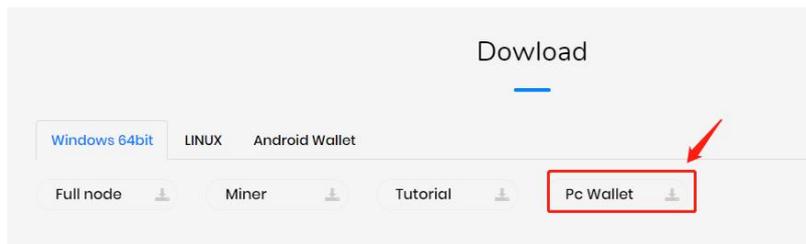
The preparatory work

1. Download the wallet

PC wallet/Android wallet

download link: <https://www.spockchain.org>

1. Enter the official website → Download → Pc wallet



2. Installer Language → OK → Enter the installation page



3. installation complete → Open shortcuts → Set login password → preserve

Note: please keep the password properly. Once lost, the assets in the wallet cannot be recovered



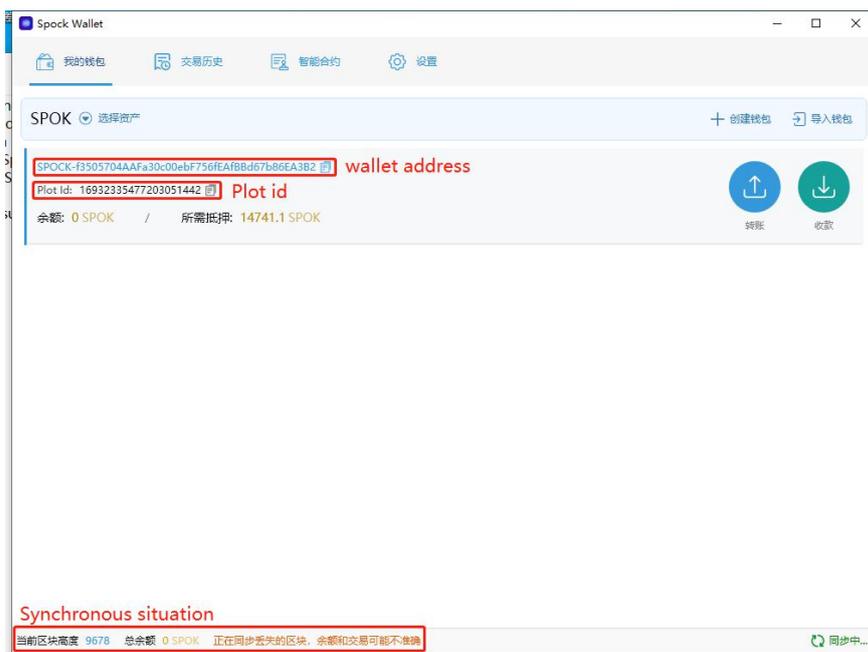
4. ①Set password→②Create→③Save the mnemonic→④

Note: this password is used to protect your mnemonic and synchronize your mobile wallet. Lost and cannot be found, please keep it properly

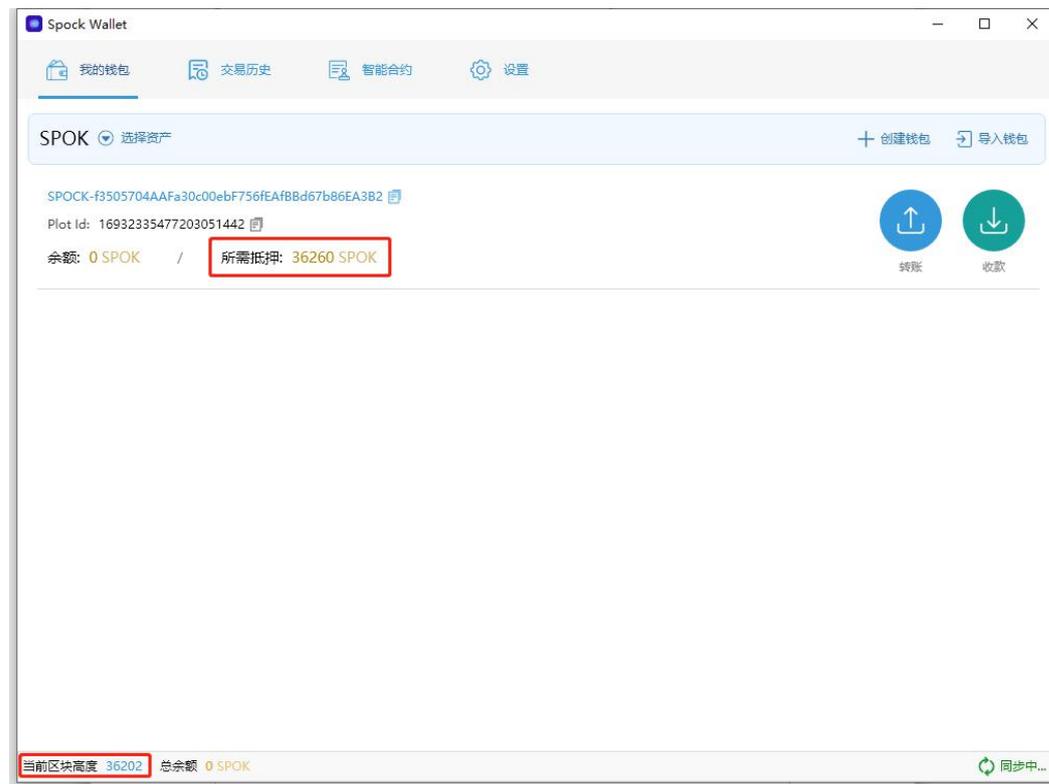


5. Created → Wait for block synchronization

Now you can get your wallet address /Plot id



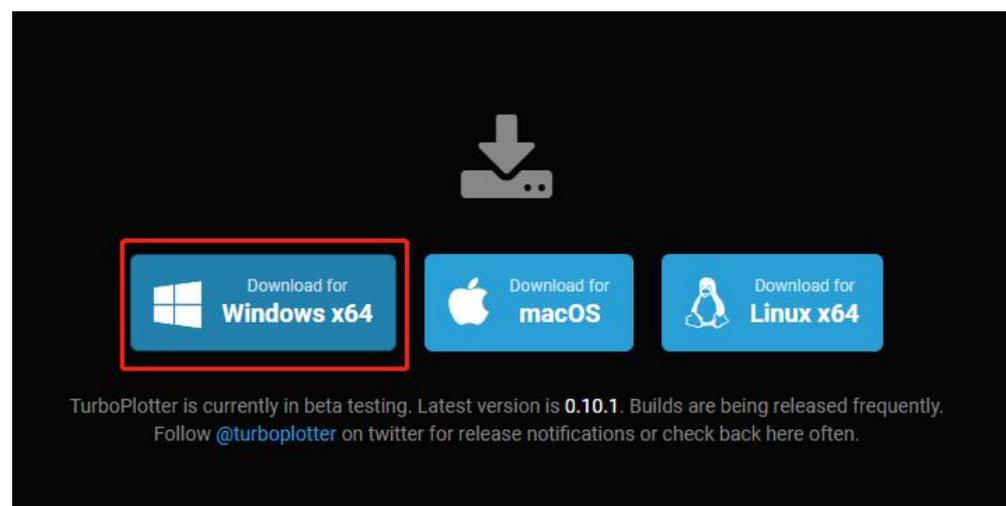
After synchronization, the wallet page will display the number of mortgages you currently need for Solo mining, as well as the current block height.



2. Potter disk

Download link: <https://blackpawn.com/tp>

①Enter the official website→Download the least version



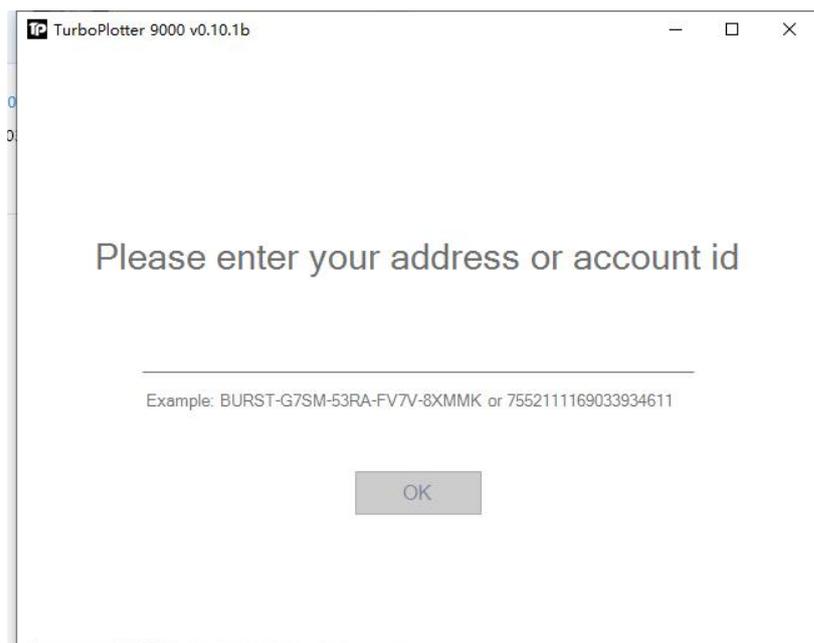
② Open TurboPlotter.exe→Enter the plotter disk page

名称	大小	压缩后大小	类型	修改时间	CRC32
..			文件夹		
licenses.txt	3,127	1,057	文本文档	2018/5/29 13...	6F73CE68
readme.txt	14,053	5,717	文本文档	2019/8/12 0:48	10A0593C
TurboPlotter.exe	745,984	438,310	应用程序	2019/10/27 1...	72BDAE...

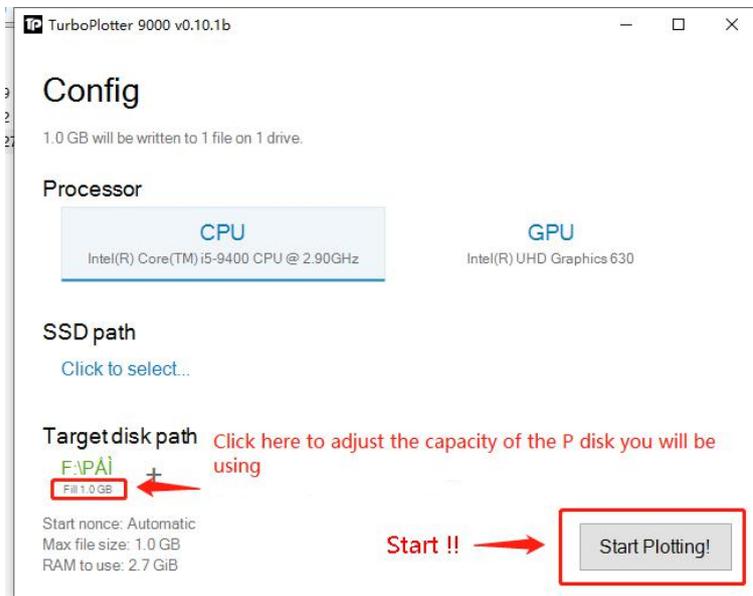
③Select the 'NO'



④Fill in yours Plot id→OK (The plot ID must be same as spock wallet)



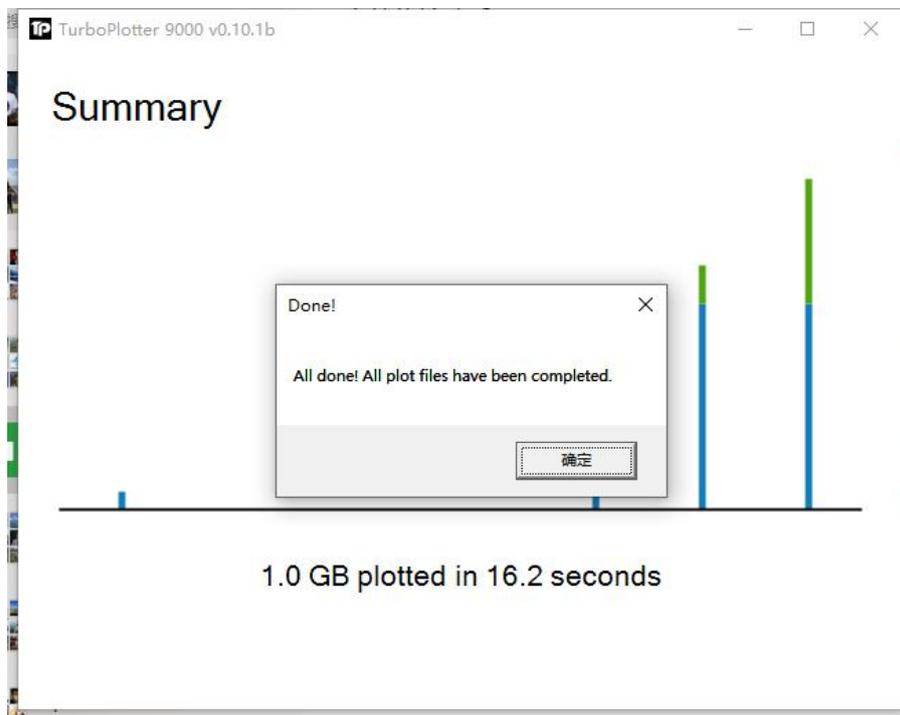
⑥ Select CPU or GPU based on your computer hardware configuration → If you have SSD can click to select path → select plotter disk path → Start plotting



PS: if flash back in the process, suggested to start again after formatting



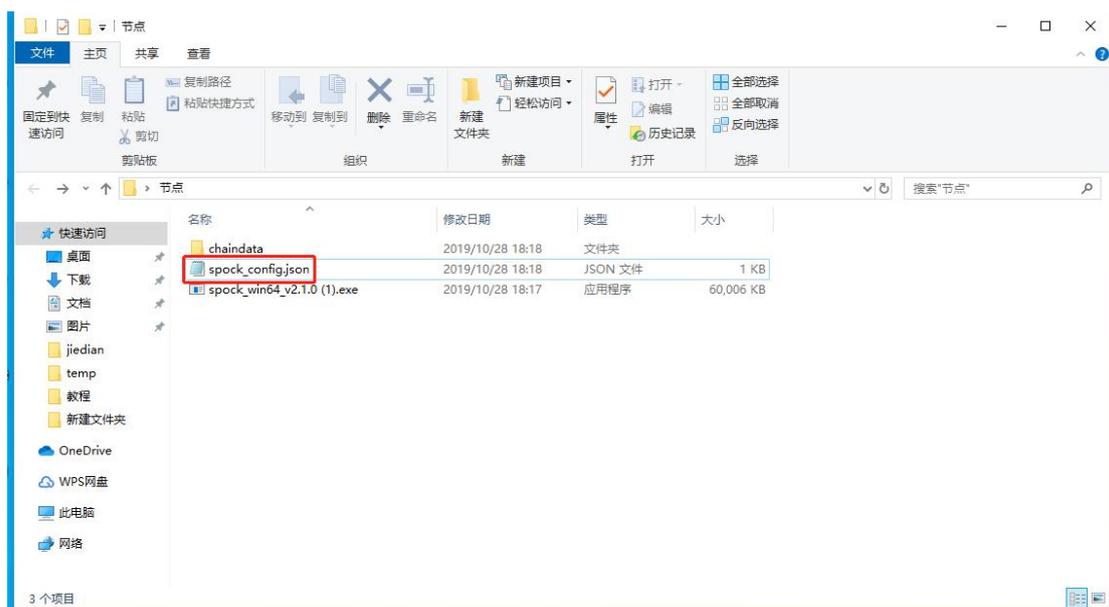
⑦ Done



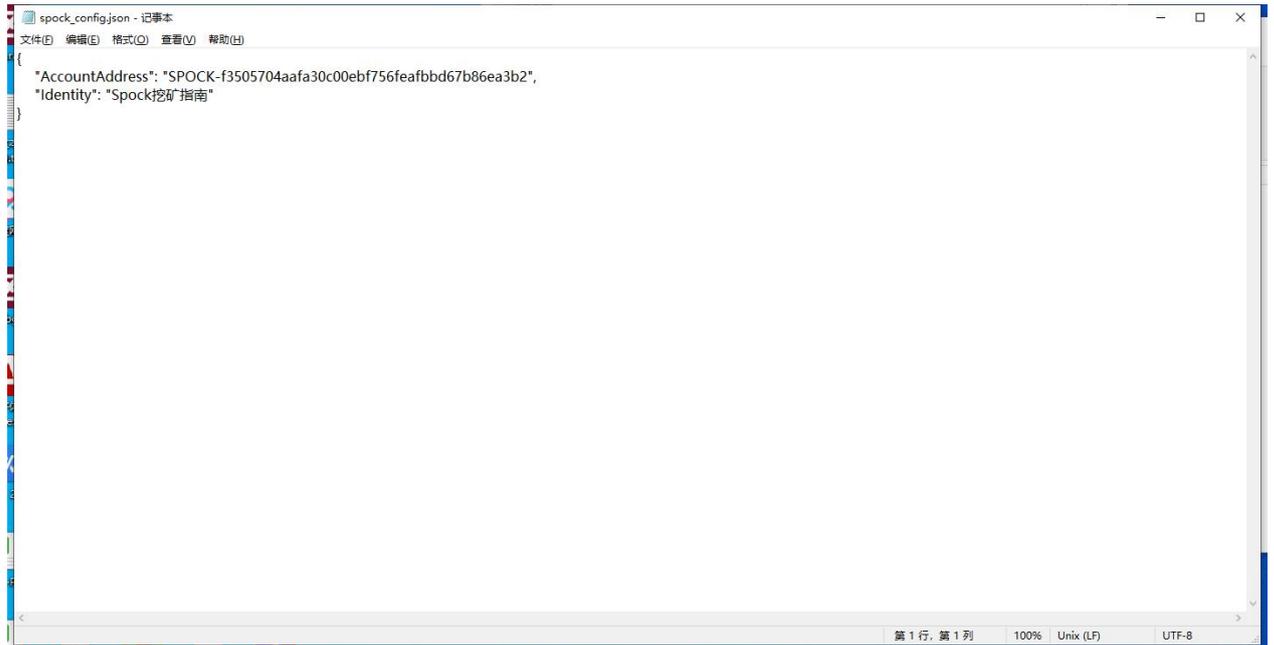
3. Download Full node (Solo miner must download, Pool miners can skip this step)

Download link: <https://github.com/spockchain/spock/releases>

① Create a node program folder → Click run the node program → Close the node program after the first run → A spock_config.json is generated in the folder

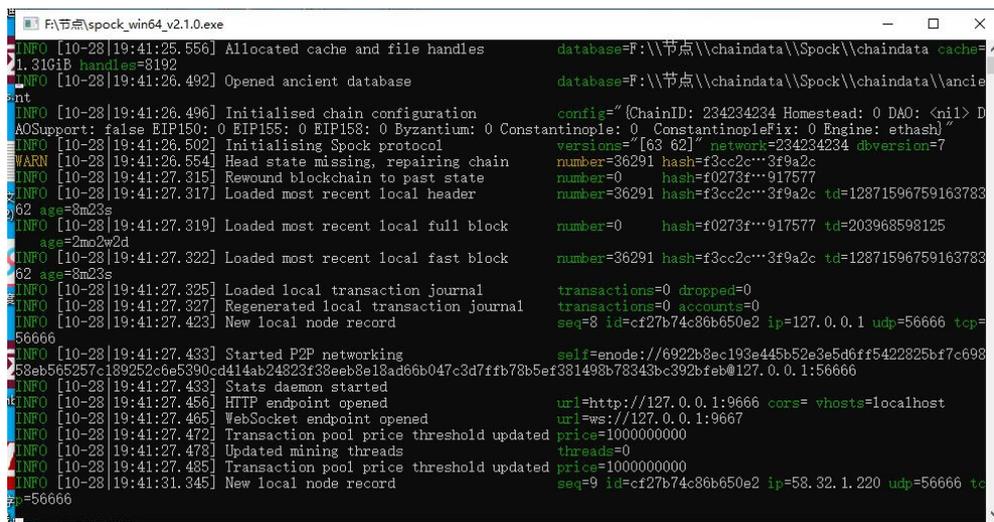


③Close after save

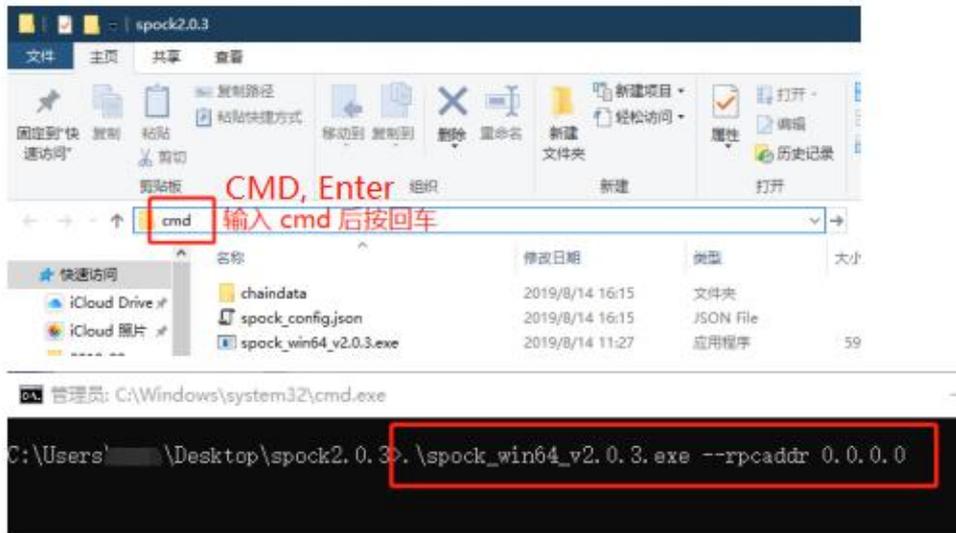


④Click open node program again

名称	修改日期	类型	大小
chaindata	2019/10/28 18:52	文件夹	
spock config.json	2019/10/28 19:23	JSON 文件	1 KB
spock_win64_v2.1.0.exe	2019/10/28 18:17	应用程序	60,006 KB



PS: LAN mining: After completing the above configuration file, Enter the following commands in the command line interface `spock win64 v2.0.3.exe --rpcaddr 0.0.0.0`. The node program has no error prompt, indicating that it is currently running normally.



Note: port 9666 needs to be opened for the machine running the node program (firewall inbound rule)

PS: If there is an error message, Try restarting the node program after deleting the chaindata folder.

4. Mining

Download link : <https://www.spockchain.org/download/miner.zip>

①Download the miner program→Unzip it and you'll get two files scavenger.exe and config.yaml

②Open config.yaml from notepad→change the path of the red frame in the figure below to the data path of the plotted disk. As in the previous tutorial, the path of the plotted drive is F:\Ppan, then change the point in the single quote to D:\plotter. Other parts need not be modified

```
plot dirs:
- 'C:\second\windows\plot\dir'
# - '/first/linux/plot/dir'
# - '/second/linux/plot/dir'
```

③save

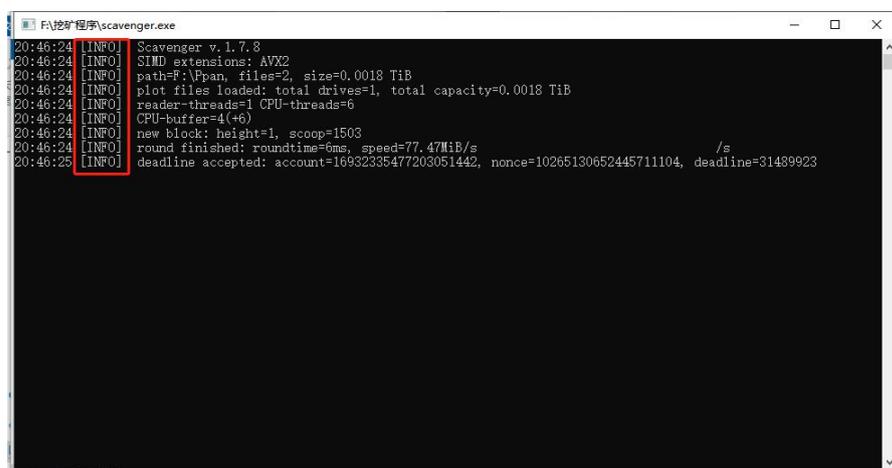
```
plot dirs:
- 'F:\Ppan'
# - 'C:\second\windows\plot\dir'
# - '/first/linux/plot/dir'
# - '/second/linux/plot/dir'
```

The following figure shows an example of a multipath configuration:

```
plot_dirs:
- 'C:\'
- 'D:\'
- 'E:\'
# - 'C:\second\windows\plot\dir'
# - '/first/linux/plot/dir'
# - '/second/linux/plot/dir'
```

④First run the node program →then open the mining program

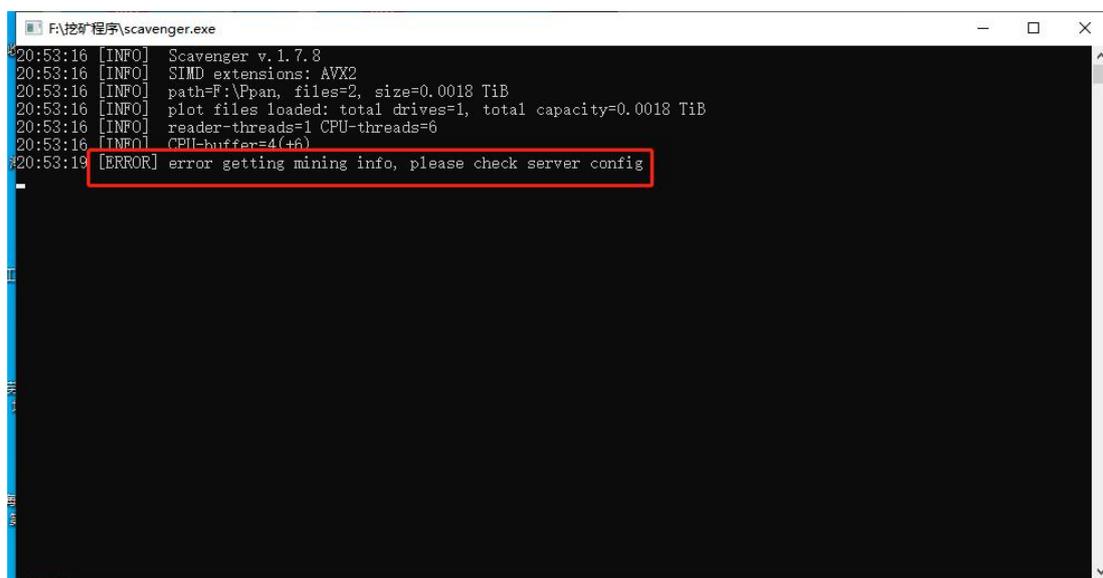
PS: Display [INFO] indicates that the mining program is running normally, Just wait for the node program to synchronize the blocks and start mining.



```
20:46:24 [INFO] Scavenger v.1.7.8
20:46:24 [INFO] SIMD extensions: AVX2
20:46:24 [INFO] path=F:\Ppan, files=2, size=0.0018 TiB
20:46:24 [INFO] plot files loaded: total drives=1, total capacity=0.0018 TiB
20:46:24 [INFO] reader-threads=1 CPU-threads=6
20:46:24 [INFO] CPU-buffer=4(+6)
20:46:24 [INFO] new block: height=1, scoop=1503
20:46:24 [INFO] round finished: roundtime=6ms, speed=77.47MiB/s /s
20:46:25 [INFO] deadline accepted: account=16932335477203051442, nonce=10265130652445711104, deadline=31489923
```

If the mining program shows [ERROR], it means there is an ERROR. Please check whether your node program is running normally.

If the node program is prone to flash back, please see TIPS at the bottom of the tutorial



```
20:53:16 [INFO] Scavenger v.1.7.8
20:53:16 [INFO] SIMD extensions: AVX2
20:53:16 [INFO] path=F:\Ppan, files=2, size=0.0018 TiB
20:53:16 [INFO] plot files loaded: total drives=1, total capacity=0.0018 TiB
20:53:16 [INFO] reader-threads=1 CPU-threads=6
20:53:16 [INFO] CPU-buffer=4(+6)
20:53:19 [ERROR] error getting mining info, please check server config
```

The LAN single node mining >>>> modified config. Yaml and changed the url to "http://node machine IP :9666". For example, the IP of running node programs in the LAN was 192.168.1.158. After the url modification is complete, double-click scavenger.exe to execute the mining program.

```
# - 'C:\second\windows\plot\dir'
# - '/first/linux/plot/dir'
# - '/second/linux/plot/dir'
url: 'http://192.168.1.158:9666' #
#url: 'http://quinnvpool.megash.it'

hdd_reader_thread_count: 0
```

After the operation of the mining process, a hint of "deadline accepted" appeared, indicating that the current operation is normal

TIPS:

How to solve the problem that node program always slips away?

①Exit node and mining program

②Open node folder→Run the node program "as administrator" after deleting the chaindata folder