

Filecoin Phase Two Test (2)-AMD CPU victory

(<https://learnblockchain.cn/tags/%E9B%86%E7%BE%A4>)

🎮 پروزی Filecoin Phase Two Test (2) -AMD CPU 📄 →

Translated from: English (Google)

The second phase of Filecoin testing is still going on with difficulty. The reason is difficult, so in this test, many miners failed to submit a successful sector. We are no exception, caught in a P1 -> P2 -> P1 vicious circle cycle, the machine configuration is simply not enough, there is no ...

Series navigation:

Filecoin two-stage test (1) (<https://learnblockchain.cn/article/1191>)

-small (<https://learnblockchain.cn/article/1193>)test

(<https://learnblockchain.cn/article/1191>)Filecoin two-stage test (2)

(<https://learnblockchain.cn/article/1193>)-AMD (<https://learnblockchain.cn/article/1226>)CPU

victory (<https://learnblockchain.cn/article/1193>)

Filecoin two-stage test (3)-heterogeneous cluster test

(<https://learnblockchain.cn/article/1226>)

The second phase of Filecoin testing is still going on with difficulty. The reason is difficult, so in this test, many miners failed to submit a successful sector. We are no exception, caught in a P1 -> P2 -> P1 vicious circle cycle, the machine configuration is simply not enough, not in ticket failure before

Complete the commit. For the specific test process, I made a detailed record in the article Filecoin Phase Two Test (1)-Small Test (<https://learnblockchain.cn/article/1191>) .

Although the Intel machine is so difficult to dig, our test cannot be abandoned halfway, so we can only reluctantly go to the Computer City to assemble an AMD machine to continue the test.

The test results of AMD machines are now shared as follows:

(1) Machine configuration

- CPU: AMD Ryzen 9 3950X 16-Core Processor
- RAM: 120GB + 256GB Swap
- Storage: 8TB x 2 (Raid0)
- GPU: GeForce RTX 2070 SUPER

- Cache: 1TB SSD

(2) Sealing speed

- P1: 4h50min

- p2: 2h30min

It takes about 8-9 hours to submit a sector, about 3 sectors a day.

```
1
2 # lotus-storage-miner info
3
4 Miner: t0238597
5
6 Sector Size: 32 GiB
7
8 Byte Power: 128 GiB / 5.06 PiB (0.0024%)
9
10 Actual Power: 128 Gi / 4.44 Pi (0.0027%)
11
12 Committed: 128 GiB
13
14 Proving: 128 GiB
15
16
17 Miner Balance: 0.002835681296777062
18
19 PreCommit: 0
20
21 Locked: 0.002742895552781051
22
23 Available: 0.000092785743996011
24
25 Worker Balance: 49.997164318703026286
26
27 Market (Escrow): 0
28
29 Market (Locked): 0
30
31
32 Sectors:
33
34 Total: 6
35
36 Proving: 4
37
38 PreCommit1: 1
39
40 WaitSeed: 1
41
```

After two days of observation, the computing power of this AMD machine is steadily increasing, and there is no reduction in computing power. In this way, AMD's advantage is still relatively large. In **terms of effect, the Intel cluster that costs more than 100,000 to build is no match for this AMD machine that costs less than 2W**.

So the question is, what should you do if you buy so many Intel machines? Is it really only for viewing but not for use? How to maximize the use of those Intel machines with low configuration?

If nothing else, I will break it down in the next article. Students who have ideas are welcome to email or WeChat to communicate.

New interopnet network

Yesterday morning (2019-06-02), Lotus's interopnet network and restart.



Many miners have given up the testnet to test on the interopnet because they think the new network is more friendly. First of all, the new network has fewer blocks. If you have experienced the block synchronization speed of the Lotus testnet, you will know how tempting this is. . If you want to join the second-stage testnet,

To complete block synchronization, not a few days is impossible. The second is that the new network does not have official 11T pre-sealed data. It seals the data by itself and generates blocks faster.

Also, the new network supports a small sector of 512MB, even an Intel machine can quickly complete a process. It is recommended that students who cannot run the test network can run the new network.

This article was first published at: Original link: <http://www.r9it.com/20200603/filecoin-phase2-test2.html> (<http://www.r9it.com/20200603/filecoin-phase2-test2.html>) 小一辈无产阶级码农 (<http://www.r9it.com/>) (<http://www.r9it.com/20200603/filecoin-phase2-test2.html>)

This article participates in the DingChain community writing incentive plan (<https://learnblockchain.cn/site/coins>) , good articles are good for profit, and you are welcome to join as well.

🕒 Published on 2020-06-30 15:53 Reading (1221) Credits (90)

Category: FileCoin (<https://learnblockchain.cn/categories/FileCoin>)

1 like

♡ Reward

Favorites

Articles you may be interested in

Filecoin Phase Two Test (3)-Heterogeneous Cluster Test (<https://learnblockchain.cn/article/1226>) 1576 views

Filecoin two-stage test (1)-small test (<https://learnblockchain.cn/article/1191>) 1529 views

Related questions

1 comment



Yang Pan (<https://learnblockchain.cn/people/92>)

(<https://learnblockchain.cn/people/92>) AMD YES!!!

2020-07-01 15:08



Please log in (<https://learnblockchain.cn/login>) to comment

© 2021 Gordon chain community (<https://learnblockchain.cn>) Copyright | Powered By Tipask3.5 (<http://www.tipask.com>) |



An Preparation No. 44049102496617 public Cantonese (<http://www.beian.gov.cn>) Yue ICP No. 17140514
(<http://beian.miit.gov.cn>)