一）测试方法： 2018-07-09 晚上 20:55:50 开始的测试，压测采用的是调用 qxcore合约的CreateUser方法，参数name长度为32字节。

二）测试结论：

A） **磁盘占用的统计结果（20:57~21:59时间段内）： （3.1GB – 1.17GB／（62））* 60 = 1860 GB/小时。**
B） **在稳定出块的时间段，它的打包入块的Tx个数是949041，平均一分钟打包 15817 个交易。**
C） **每个块的出块时间（距离上一个出块的时间间隔）不一定与打包的交易个数成线性比例关系。**

三） 各项测试数据：

1) 测试开始的头1分钟txpool.pending为0 的情形， 但是1分钟后，一直到压测结束的 22:08:25 时间内，txpool.pending就没有为空的了！

➜  node1 git:(sequence_policy) ✗ sed -n -e '42,47 p' contractTestLogEmptyPending.txt
@Mon Jul  9 20:56:29 CST 2018 : {"jsonrpc":"2.0","id": 1,"result":"0x957"}:{"jsonrpc":"2.0","id":1,"result": {"pending":"0x0","queued":"0x0"}}
@Mon Jul  9 20:56:30 CST 2018 : {"jsonrpc":"2.0","id": 1,"result":"0x957"}:{"jsonrpc":"2.0","id":1,"result": {"pending":"0x0","queued":"0x0"}}
@Mon Jul  9 20:56:31 CST 2018 : {"jsonrpc":"2.0","id": 1,"result":"0x957"}:{"jsonrpc":"2.0","id":1,"result": {"pending":"0x0"","queued":"0x0"}}
    // 这中间的时间段内，txpool.pending都不为 0！
@Mon Jul  9 22:08:25 CST 2018 : {"jsonrpc":"2.0","id":

1,"result":"0x9b4"}:{"jsonrpc":"2.0","id":1,"result":
{"pending":"0x0","queued":"0x0"}}
@Mon Jul  9 22:08:30 CST 2018 : {"jsonrpc":"2.0","id":
1,"result":"0x9b4"}:{"jsonrpc":"2.0","id":1,"result":
{"pending":"0x0","queued":"0x0"}}
@Mon Jul  9 22:08:31 CST 2018 : {"jsonrpc":"2.0","id":
1,"result":"0x9b4"}:{"jsonrpc":"2.0","id":1,"result":
{"pending":"0x0","queued":"0x0"}}
➜  node1 git:(sequence_policy) ✗


## 2) 测试期间生成的各个block的信息：

在21:00~22:00这个稳定出块的时间段，它的打包入块的Tx个数是949041，平均一分钟打包 15817 个交易！

```
> for(var i=0x957; i<=0x9b9; i+=1){ var
b=eth.getBlock(i,true);console.log("@", new
Date().toLocaleTimeString()," , blockNum: ", i, ", blockSize: ", b.size,
", gasUsed:", b.gasUsed, ", gasLimit: ", b.gasLimit, new
Date(b.timestamp*1000), ", TxNum:", b.transactions.length );}
```

@ 22:29:00  , blockNum: 2391 , blockSize:  918536 , gasUsed: 281066832 ,
gasLimit:  1783871645559454200 Mon, 09 Jul 2018 20:54:53 CST , TxNum: 3792
@ 22:29:00  , blockNum: 2392 , blockSize:  2607 , gasUsed: 518847 , gasLimit:
1782129583405999400 Mon, 09 Jul 2018 20:56:32 CST , TxNum: 7
@ 22:29:01  , blockNum: 2393 , blockSize:  4543 , gasUsed: 1111815 , gasLimit:
1780389222484705300 Mon, 09 Jul 2018 20:56:33 CST , TxNum: 15
@ 22:29:03  , blockNum: 2394 , blockSize:  155539 , gasUsed: 47363319 ,
gasLimit:  1778650561134624300 Mon, 09 Jul 2018 20:56:34 CST , TxNum: 639
@ 22:29:12  , blockNum: 2395 , blockSize:  472060 , gasUsed: 144313587 ,
gasLimit:  1776913597696085500 Mon, 09 Jul 2018 20:56:35 CST , TxNum: 1947
@ 22:29:22  , blockNum: 2396 , blockSize:  520948 , gasUsed: 159286029 ,
gasLimit:  1775178330511047000 Mon, 09 Jul 2018 20:56:42 CST , TxNum: 2149
@ 22:29:38  , blockNum: 2397 , blockSize:  868925 , gasUsed: 265872027 ,
gasLimit:  1773444757922890500 Mon, 09 Jul 2018 20:56:47 CST , TxNum: 3587
**@ 22:29:38  , blockNum:  2398 , blockSize:  908 , gasUsed: 0 , gasLimit:
1771712878276871000 Mon, 09 Jul 2018 20:56:59 CST , TxNum: 0   // 有个别
block为空的情形**
@ 22:29:38  , blockNum: 2399 , blockSize:  1395 , gasUsed: 148242 , gasLimit:
1769982689919178500 Mon, 09 Jul 2018 20:57:13 CST , TxNum: 2
@ 22:30:16  , blockNum: 2400 , blockSize:  1860346 , gasUsed: 569545764 ,
gasLimit:  1768254191198554600 Mon, 09 Jul 2018 20:57:14 CST , TxNum: 7684

@ 22:30:35 , blockNum: 2401 , blockSize: 988000 , gasUsed: 303599616 ,
gasLimit: 1766527380465796600 Mon, 09 Jul 2018 20:57:30 CST , TxNum: 4096
@ 22:30:52 , blockNum: 2402 , blockSize: 885829 , gasUsed: 272172312 ,
gasLimit: 1764802256071255000 Mon, 09 Jul 2018 20:57:37 CST , TxNum: 3672

**@ 22:30:52 , blockNum: 2403 , blockSize: 908 , gasUsed: 0 , gasLimit: 1763078816368459300 Mon, 09 Jul 2018 20:57:47 CST , TxNum: 0 // 有个别 block为空的情形，这个可能是因为测试刚开始，测试文档后，**

@ 22:30:52 , blockNum: 2404 , blockSize: 2359 , gasUsed: 444726 , gasLimit: 1761357059711849500 Mon, 09 Jul 2018 20:57:57 CST , TxNum: 6
@ 22:31:10 , blockNum: 2405 , blockSize: 978127 , gasUsed: 300560655 ,
gasLimit: 1759636984458225200 Mon, 09 Jul 2018 20:57:59 CST , TxNum:
4055 **// 距离前一次出块为2秒，打包了4055个Tx**
@ 22:32:09 , blockNum: 2406 , blockSize: 2919037 , gasUsed: 897531189 ,
gasLimit: 1757918588966030600 Mon, 09 Jul 2018 20:58:57 CST , TxNum: 12109
@ 22:33:07 , blockNum: 2407 , blockSize: 2895327 , gasUsed: 886561281 ,
gasLimit: 1756201871595308000 Mon, 09 Jul 2018 20:59:17 CST , TxNum: 11961
@ 22:33:50 , blockNum: 2408 , blockSize: 2212459 , gasUsed: 680208417 ,
gasLimit: 1754486830706377000 Mon, 09 Jul 2018 20:59:42 CST , TxNum: 9177
@ 22:34:49 , blockNum: 2409 , blockSize: 2896632 , gasUsed: 890637936 ,
gasLimit: 1752773464661761800 Mon, 09 Jul 2018 21:00:02 CST , TxNum: 12016
@ 22:35:37 , blockNum: 2410 , blockSize: 2375789 , gasUsed: 727423494 ,
gasLimit: 1751061771826482700 Mon, 09 Jul 2018 21:00:25 CST , TxNum: 9814
@ 22:36:26 , blockNum: 2411 , blockSize: 2385264 , gasUsed: 733353174 ,
gasLimit: 1749351750565998800 Mon, 09 Jul 2018 21:00:43 CST , TxNum:
9894 **// 距离前一次出块为18秒，打包了9894个Tx**
@ 22:37:08 , blockNum: 2412 , blockSize: 2046934 , gasUsed: 626693055 ,
gasLimit: 1747643399248161000 Mon, 09 Jul 2018 21:01:06 CST , TxNum: 8455
@ 22:37:50 , blockNum: 2413 , blockSize: 2059425 , gasUsed: 633141582 ,
gasLimit: 1745936716242000600 Mon, 09 Jul 2018 21:01:25 CST , TxNum: 8542
@ 22:38:31 , blockNum: 2414 , blockSize: 2045472 , gasUsed: 626248329 ,
gasLimit: 1744231699918473200 Mon, 09 Jul 2018 21:01:49 CST , TxNum: 8449
@ 22:39:17 , blockNum: 2415 , blockSize: 2215369 , gasUsed: 681097869 ,
gasLimit: 1742528348649939000 Mon, 09 Jul 2018 21:02:15 CST , TxNum: 9189
@ 22:40:00 , blockNum: 2416 , blockSize: 2062415 , gasUsed: 631436799 ,
gasLimit: 1740826660810458000 Mon, 09 Jul 2018 21:02:39 CST , TxNum: 8519
@ 22:40:54 , blockNum: 2417 , blockSize: 2613657 , gasUsed: 802730430 ,
gasLimit: 1739126634775435300 Mon, 09 Jul 2018 21:03:25 CST , TxNum: 10830
@ 22:42:12 , blockNum: 2418 , blockSize: 3658113 , gasUsed: 1120190673 ,
gasLimit: 1737428268922338300 Mon, 09 Jul 2018 21:05:20 CST , TxNum: 15113
@ 22:43:04 , blockNum: 2419 , blockSize: 2496785 , gasUsed: 764483994 ,
gasLimit: 1735731561630109700 Mon, 09 Jul 2018 21:05:49 CST , TxNum: 10314
@ 22:43:53 , blockNum: 2420 , blockSize: 2336823 , gasUsed: 715490013 ,
gasLimit: 1734036511278075100 Mon, 09 Jul 2018 21:06:18 CST , TxNum: 9653
@ 22:45:45 , blockNum: 2421 , blockSize: 5268199 , gasUsed: 1620062697 ,
gasLimit: 1732343116248578300 Mon, 09 Jul 2018 21:06:53 CST , TxNum: 21857
@ 22:48:12 , blockNum: 2422 , blockSize: 6545180 , gasUsed: 2012829876 ,
gasLimit: 1730651374926489900 Mon, 09 Jul 2018 21:10:38 CST , TxNum: 27156
@ 22:49:15 , blockNum: 2423 , blockSize: 2921215 , gasUsed: 898198278 ,
gasLimit: 1728961285696111800 Mon, 09 Jul 2018 21:11:43 CST , TxNum: 12118
@ 22:50:10 , blockNum: 2424 , blockSize: 2593489 , gasUsed: 797393718 ,

gasLimit: 1727272846941865000 Mon, 09 Jul 2018 21:12:10 CST , TxNum: 10758
@ 22:52:18 , blockNum: 2425 , blockSize: 5646521 , gasUsed: 1729242930 ,
gasLimit: 1725586057053441300 Mon, 09 Jul 2018 21:12:37 CST , TxNum: 23330
@ 22:54:44 , blockNum: 2426 , blockSize: 6406335 , gasUsed: 1961982870 ,
gasLimit: 1723900914422133000 Mon, 09 Jul 2018 21:13:37 CST , TxNum: 26470
@ 22:55:43 , blockNum: 2427 , blockSize: 2765387 , gasUsed: 846758304 ,
gasLimit: 1722217417438266600 Mon, 09 Jul 2018 21:14:26 CST , TxNum: 11424
@ 22:56:37 , blockNum: 2428 , blockSize: 2577599 , gasUsed: 789240408 ,
gasLimit: 1720535564492790000 Mon, 09 Jul 2018 21:14:50 CST , TxNum: 10648
@ 22:57:51 , blockNum: 2429 , blockSize: 3518854 , gasUsed: 1082018358 ,
gasLimit: 1718855353981746200 Mon, 09 Jul 2018 21:15:15 CST , TxNum: 14598
@ 22:58:45 , blockNum: 2430 , blockSize: 2528005 , gasUsed: 774045603 ,
gasLimit: 1717176784301708300 Mon, 09 Jul 2018 21:15:55 CST , TxNum: 10443
@ 22:59:49 , blockNum: 2431 , blockSize: 3003265 , gasUsed: 919619247 ,
gasLimit: 1715499853849422600 Mon, 09 Jul 2018 21:16:16 CST , TxNum: 12407
@ 23:00:35 , blockNum: 2432 , blockSize: 2237849 , gasUsed: 685174524 ,
gasLimit: 1713824561024745000 Mon, 09 Jul 2018 21:16:41 CST , TxNum: 9244
@ 23:01:23 , blockNum: 2433 , blockSize: 2307302 , gasUsed: 706447251 ,
gasLimit: 1712150904227872800 Mon, 09 Jul 2018 21:17:11 CST , TxNum: 9531
@ 23:02:05 , blockNum: 2434 , blockSize: 2063871 , gasUsed: 631881525 ,
gasLimit: 1710478881861497600 Mon, 09 Jul 2018 21:17:32 CST , TxNum: 8525
@ 23:03:09 , blockNum: 2435 , blockSize: 3113042 , gasUsed: 955567932 ,
gasLimit: 1708808492329355300 Mon, 09 Jul 2018 21:17:54 CST , TxNum: 12892
@ 23:04:21 , blockNum: 2436 , blockSize: 3419727 , gasUsed: 1047181488 ,
gasLimit: 1707139734037464600 Mon, 09 Jul 2018 21:19:18 CST , TxNum: 14128
@ 23:04:26 , blockNum: 2437 , blockSize: 254041 , gasUsed: 77530566 ,
gasLimit: 1705472605392477700 Mon, 09 Jul 2018 21:19:44 CST , TxNum: 1046
　　// 改序号为 2437 的 块打入了1046个交易，距离上一个块的时间间隔是25秒
@ 23:05:57 , blockNum: 2438 , blockSize: 4202578 , gasUsed: 1286962923 ,
gasLimit: 1703807104801387800 Mon, 09 Jul 2018 21:20:43 CST , TxNum: 17363
@ 23:06:56 , blockNum: 2439 , blockSize: 2824205 , gasUsed: 864769707 ,
gasLimit: 1702143230677490200 Mon, 09 Jul 2018 21:21:16 CST , TxNum: 11667
@ 23:07:17 , blockNum: 2440 , blockSize: 1042205 , gasUsed: 318942663 ,
gasLimit: 1700480981430048500 Mon, 09 Jul 2018 21:22:39 CST , TxNum: 4303
@ 23:08:44 , blockNum: 2441 , blockSize: 4203268 , gasUsed: 1287185286 ,
gasLimit: 1698820355472088000 Mon, 09 Jul 2018 21:23:33 CST , TxNum: 17366
@ 23:09:31 , blockNum: 2442 , blockSize: 2251397 , gasUsed: 689325300 ,
gasLimit: 1697161351220582700 Mon, 09 Jul 2018 21:24:06 CST , TxNum: 9300
@ 23:10:46 , blockNum: 2443 , blockSize: 3549684 , gasUsed: 1086984465 ,
gasLimit: 1695503967089541000 Mon, 09 Jul 2018 21:25:29 CST , TxNum: 14665
@ 23:11:31 , blockNum: 2444 , blockSize: 2167926 , gasUsed: 663753555 ,
gasLimit: 1693848201498272500 Mon, 09 Jul 2018 21:25:58 CST , TxNum: 8955
@ 23:13:38 , blockNum: 2445 , blockSize: 5750072 , gasUsed: 1760966718 ,
gasLimit: 1692194052864969200 Mon, 09 Jul 2018 21:27:21 CST , TxNum: 23758
@ 23:16:43 , blockNum: 2446 , blockSize: 7915006 , gasUsed: 2429315775 ,
gasLimit: 1690541519612797700 Mon, 09 Jul 2018 21:29:45 CST , TxNum: 32775
@ 23:18:07 , blockNum: 2447 , blockSize: 3966856 , gasUsed: 1214769069 ,
gasLimit: 1688890600163609600 Mon, 09 Jul 2018 21:32:13 CST , TxNum: 16389
@ 23:18:08 , blockNum: 2448 , blockSize: 80530 , gasUsed: 24385809 , gasLimit:
1687241292938666800 Mon, 09 Jul 2018 21:32:28 CST , TxNum: 329

@ 23:19:15 , blockNum: 2449 , blockSize: 3122323 , gasUsed: 956086779 ,
gasLimit: 1685593596363567000 Mon, 09 Jul 2018 21:33:22 CST , TxNum: 12899
@ 23:21:43 , blockNum: 2450 , blockSize: 6600160 , gasUsed: 2021353791 ,
gasLimit: 1683947508868518700 Mon, 09 Jul 2018 21:33:48 CST , TxNum: 27271
@ 23:23:57 , blockNum: 2451 , blockSize: 5972230 , gasUsed: 1829009796 ,
gasLimit: 1682303028882350300 Mon, 09 Jul 2018 21:34:44 CST , TxNum: 24676
@ 23:25:01 , blockNum: 2452 , blockSize: 3058671 , gasUsed: 936592956 ,
gasLimit: 1680660154833386500 Mon, 09 Jul 2018 21:35:38 CST , TxNum: 12636
@ 23:25:54 , blockNum: 2453 , blockSize: 2508388 , gasUsed: 768041802 ,
gasLimit: 1679018885152304000 Mon, 09 Jul 2018 21:36:02 CST , TxNum: 10362
@ 23:26:44 , blockNum: 2454 , blockSize: 2363217 , gasUsed: 723569202 ,
gasLimit: 1677379218273397500 Mon, 09 Jul 2018 21:36:29 CST , TxNum: 9762
@ 23:27:26 , blockNum: 2455 , blockSize: 2083947 , gasUsed: 638033568 ,
gasLimit: 1675741152631612400 Mon, 09 Jul 2018 21:36:53 CST , TxNum: 8608
@ 23:28:11 , blockNum: 2456 , blockSize: 2148806 , gasUsed: 657897996 ,
gasLimit: 1674104686663180300 Mon, 09 Jul 2018 21:37:14 CST , TxNum: 8876
@ 23:29:52 , blockNum: 2457 , blockSize: 4797132 , gasUsed: 1469078220 ,
gasLimit: 1672469818806074400 Mon, 09 Jul 2018 21:38:14 CST , TxNum: 19820
@ 23:31:56 , blockNum: 2458 , blockSize: 5686150 , gasUsed: 1741398774 ,
gasLimit: 1670836547500798500 Mon, 09 Jul 2018 21:41:06 CST , TxNum: 23494
@ 23:32:52 , blockNum: 2459 , blockSize: 2718194 , gasUsed: 832304709 ,
gasLimit: 1669204871187430700 Mon, 09 Jul 2018 21:41:57 CST , TxNum: 11229
@ 23:32:54 , blockNum: 2460 , blockSize: 106664 , gasUsed: 32390877 ,
gasLimit: 1667574788306631000 Mon, 09 Jul 2018 21:42:07 CST , TxNum: 437
@ 23:34:52 , blockNum: 2461 , blockSize: 5471561 , gasUsed: 1675653447 ,
gasLimit: 1665946297302472700 Mon, 09 Jul 2018 21:42:56 CST , TxNum: 22607
@ 23:36:59 , blockNum: 2462 , blockSize: 5804034 , gasUsed: 1777495701 ,
gasLimit: 1664319396623967700 Mon, 09 Jul 2018 21:43:43 CST , TxNum: 23981
@ 23:37:54 , blockNum: 2463 , blockSize: 2657703 , gasUsed: 813774459 ,
gasLimit: 1662694084715806000 Mon, 09 Jul 2018 21:44:30 CST , TxNum: 10979
@ 23:38:47 , blockNum: 2464 , blockSize: 2525818 , gasUsed: 773378514 ,
gasLimit: 1661070360024892700 Mon, 09 Jul 2018 21:44:53 CST , TxNum: 10434
@ 23:39:31 , blockNum: 2465 , blockSize: 2153152 , gasUsed: 659232174 ,
gasLimit: 1659448221002563800 Mon, 09 Jul 2018 21:45:19 CST , TxNum: 8894
@ 23:40:25 , blockNum: 2466 , blockSize: 2593824 , gasUsed: 794206515 ,
gasLimit: 1657827666100206600 Mon, 09 Jul 2018 21:45:59 CST , TxNum: 10715
@ 23:41:44 , blockNum: 2467 , blockSize: 3775469 , gasUsed: 1156139358 ,
gasLimit: 1656208693771194000 Mon, 09 Jul 2018 21:47:50 CST , TxNum: 15598
@ 23:42:40 , blockNum: 2468 , blockSize: 2713131 , gasUsed: 830748168 ,
gasLimit: 1654591302470376700 Mon, 09 Jul 2018 21:48:31 CST , TxNum: 11208
@ 23:44:37 , blockNum: 2469 , blockSize: 5351532 , gasUsed: 1638889431 ,
gasLimit: 1652975490652775000 Mon, 09 Jul 2018 21:49:22 CST , TxNum: 22111
@ 23:45:46 , blockNum: 2470 , blockSize: 3276968 , gasUsed: 1003450098 ,
gasLimit: 1651361256777585000 Mon, 09 Jul 2018 21:50:24 CST , TxNum: 13538
@ 23:46:01 , blockNum: 2471 , blockSize: 741632 , gasUsed: 226884381 ,
gasLimit: 1649748599301733000 Mon, 09 Jul 2018 21:51:20 CST , TxNum: 3061
@ 23:47:33 , blockNum: 2472 , blockSize: 4419133 , gasUsed: 1353301218 ,
gasLimit: 1648137516685559800 Mon, 09 Jul 2018 21:52:24 CST , TxNum: 18258
@ 23:48:32 , blockNum: 2473 , blockSize: 2809688 , gasUsed: 860322447 ,
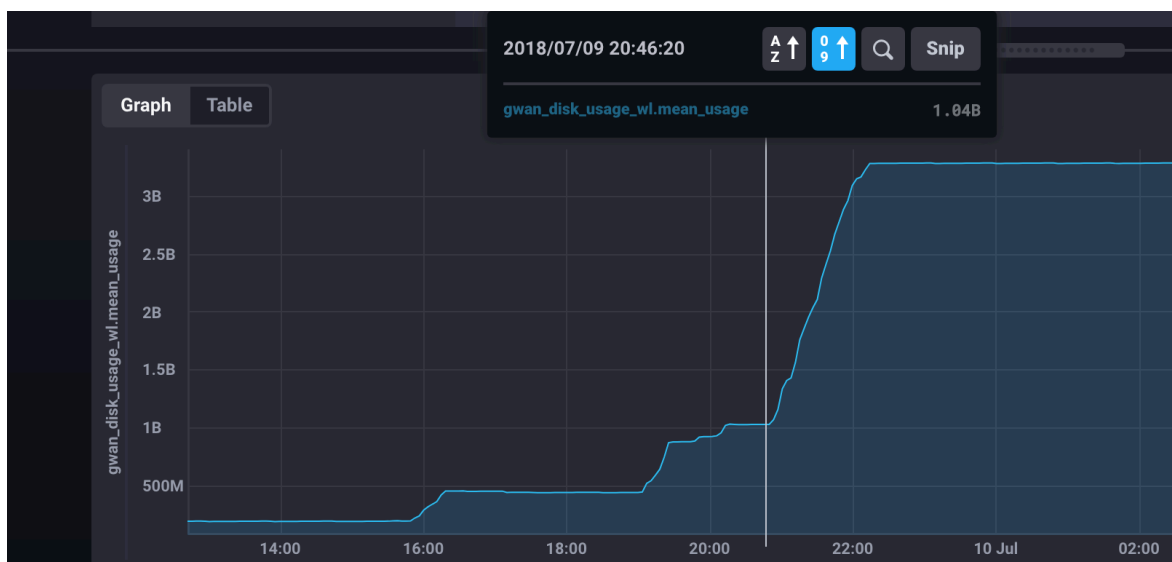gasLimit: 1646528007393903800 Mon, 09 Jul 2018 21:53:01 CST , TxNum: 11607

@ 23:50:14 , blockNum: 2474 , blockSize: 4678080 , gasUsed: 1432610688 ,
gasLimit: 1644920069887943400 Mon, 09 Jul 2018 21:54:38 CST , TxNum: 19328
@ 23:51:36 , blockNum: 2475 , blockSize: 3862318 , gasUsed: 1182748797 ,
gasLimit: 1643313702634292200 Mon, 09 Jul 2018 21:55:38 CST , TxNum: 15957
@ 23:51:58 , blockNum: 2476 , blockSize: 1085259 , gasUsed: 332136201 ,
gasLimit: 1641708904098295800 Mon, 09 Jul 2018 21:57:43 CST , TxNum: 4481
@ 23:53:46 , blockNum: 2477 , blockSize: 4966272 , gasUsed: 1520888799 ,
gasLimit: 1640105672747124000 Mon, 09 Jul 2018 21:58:42 CST , TxNum: 20519
@ 23:54:37 , blockNum: 2478 , blockSize: 2395631 , gasUsed: 733501416 ,
gasLimit: 1638504007053309700 Mon, 09 Jul 2018 21:59:24 CST , TxNum: 9896

<mark>@ 23:54:43 , blockNum: 2479 , blockSize: 309699 , gasUsed: 94578396 ,
gasLimit: 1636903905484996000 Mon, 09 Jul 2018 21:59:46 CST , TxNum: 1276
    // 改序号为 2479 的 块打入了1276 个交易，距离上一个块的时间间隔是47秒</mark>

@ 23:55:34 , blockNum: 2480 , blockSize: 2490978 , gasUsed: 762705090 ,
gasLimit: 1635305366514934500 Mon, 09 Jul 2018 22:00:49 CST , TxNum: 10290
@ 23:57:02 , blockNum: 2481 , blockSize: 4155603 , gasUsed: 1272583449 ,
gasLimit: 1633708388619064600 Mon, 09 Jul 2018 22:01:39 CST , TxNum: 17169
@ 23:57:49 , blockNum: 2482 , blockSize: 2248251 , gasUsed: 688361727 ,
gasLimit: 1632112970272668000 Mon, 09 Jul 2018 22:02:21 CST , TxNum: 9287
@ 23:57:57 , blockNum: 2483 , blockSize: 399228 , gasUsed: 122003166 ,
gasLimit: 1630519109951144200 Mon, 09 Jul 2018 22:02:44 CST , TxNum: 1646
@ 23:59:35 , blockNum: 2484 , blockSize: 4531656 , gasUsed: 1387767483 ,
gasLimit: 1628926806133011200 Mon, 09 Jul 2018 22:07:47 CST , TxNum: 18723
@ 00:01:45 , blockNum: 2485 , blockSize: 5782270 , gasUsed: 1770824811 ,
gasLimit: 1627336057300929800 Mon, 09 Jul 2018 22:08:44 CST , TxNum: 23891
@ 00:01:45 , blockNum: 2486 , blockSize: 908 , gasUsed: 0 , gasLimit:
1625746861935065900 Mon, 09 Jul 2018 22:09:30 CST , TxNum: 0
@ 00:04:22 , blockNum: 2487 , blockSize: 6998471 , gasUsed: 2143356957 ,
gasLimit: 1624159218515207400 Mon, 09 Jul 2018 22:09:55 CST , TxNum: 28917
@ 00:07:58 , blockNum: 2488 , blockSize: 9231042 , gasUsed: 2827197303 ,
gasLimit: 1622573125531516000 Mon, 09 Jul 2018 22:11:31 CST , TxNum: 38143
@ 00:07:58 , blockNum: 2489 , blockSize: 908 , gasUsed: 0 , gasLimit:
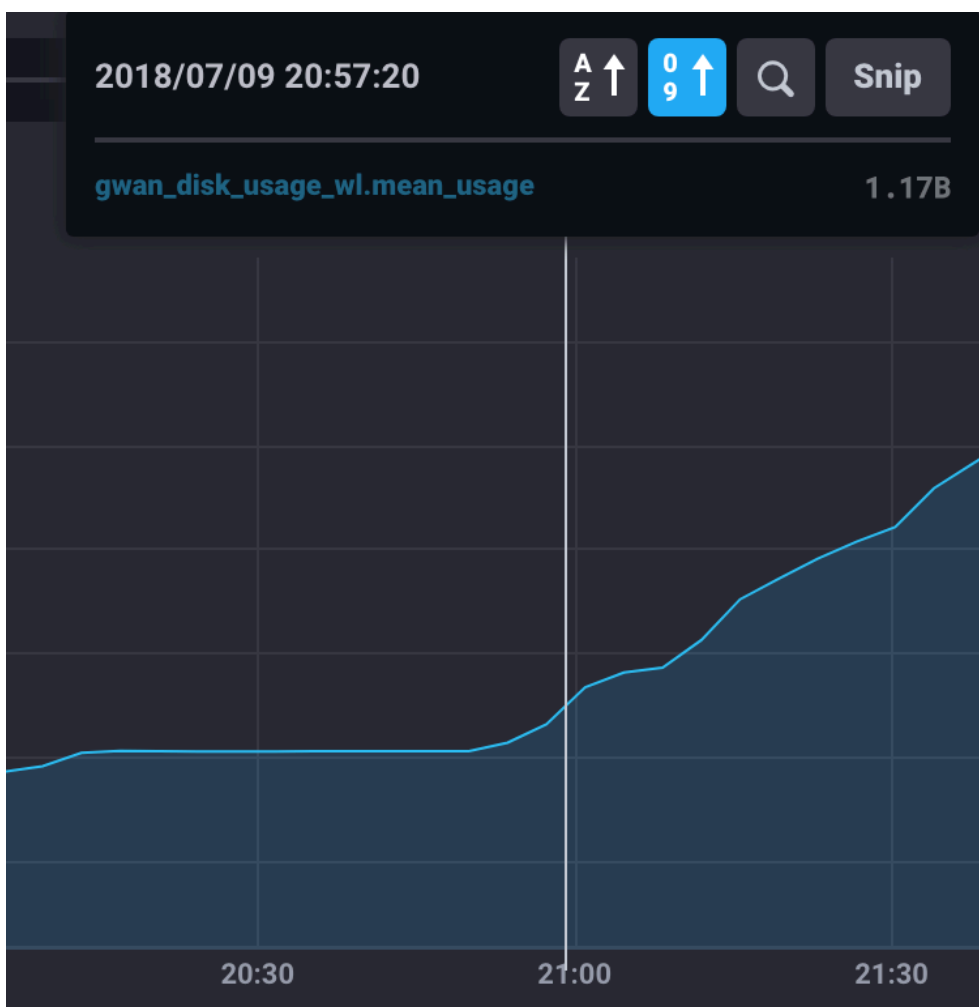1620988581467755500 Mon, 09 Jul 2018 22:14:12 CST , TxNum: 0
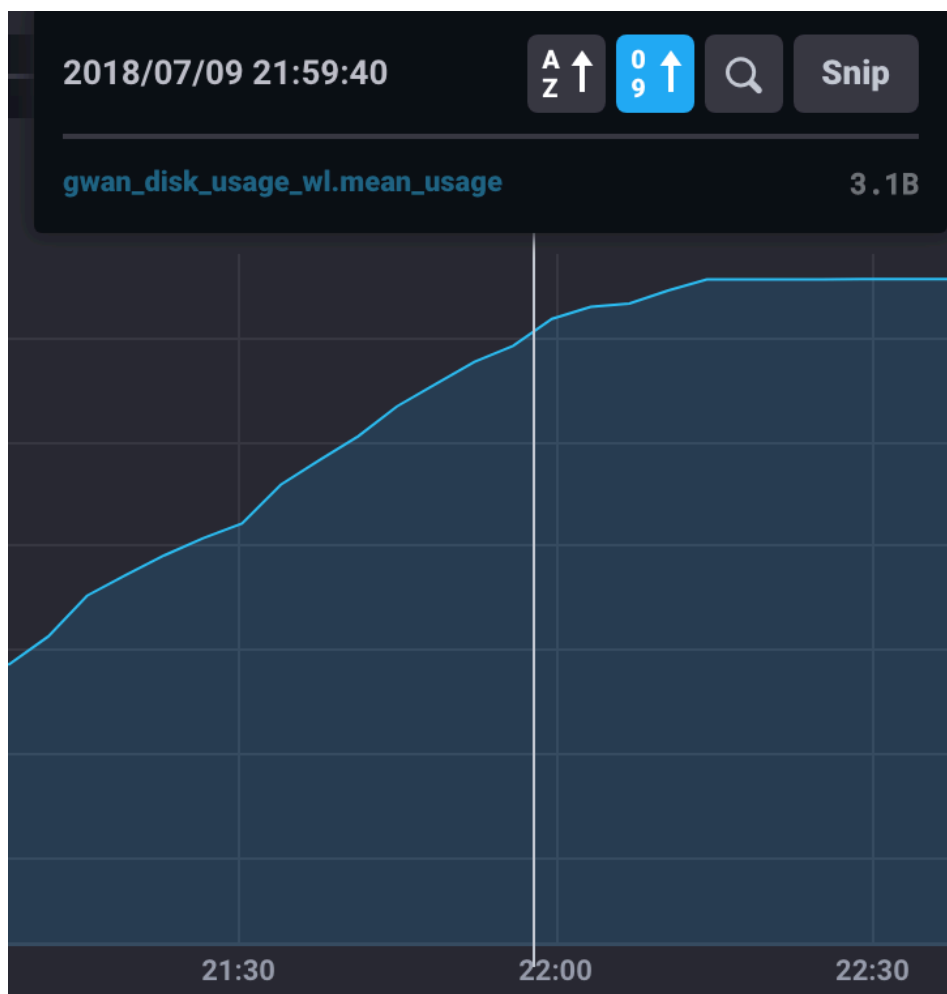undefined
>

# 3） 监控图： 可以看到磁盘占用、txpool的pending等数据

**磁盘占用的统计结果（20:57~21:59时间段内）：（3.1GB – 1.17GB /
（62））* 60 = 1860 GB/小时**

**磁盘占用的曲线图：**

磁盘占用图的 开始、结束部分的放大图：

**链上的块数量曲线图：**



**txpool.pending 值的曲线图：**