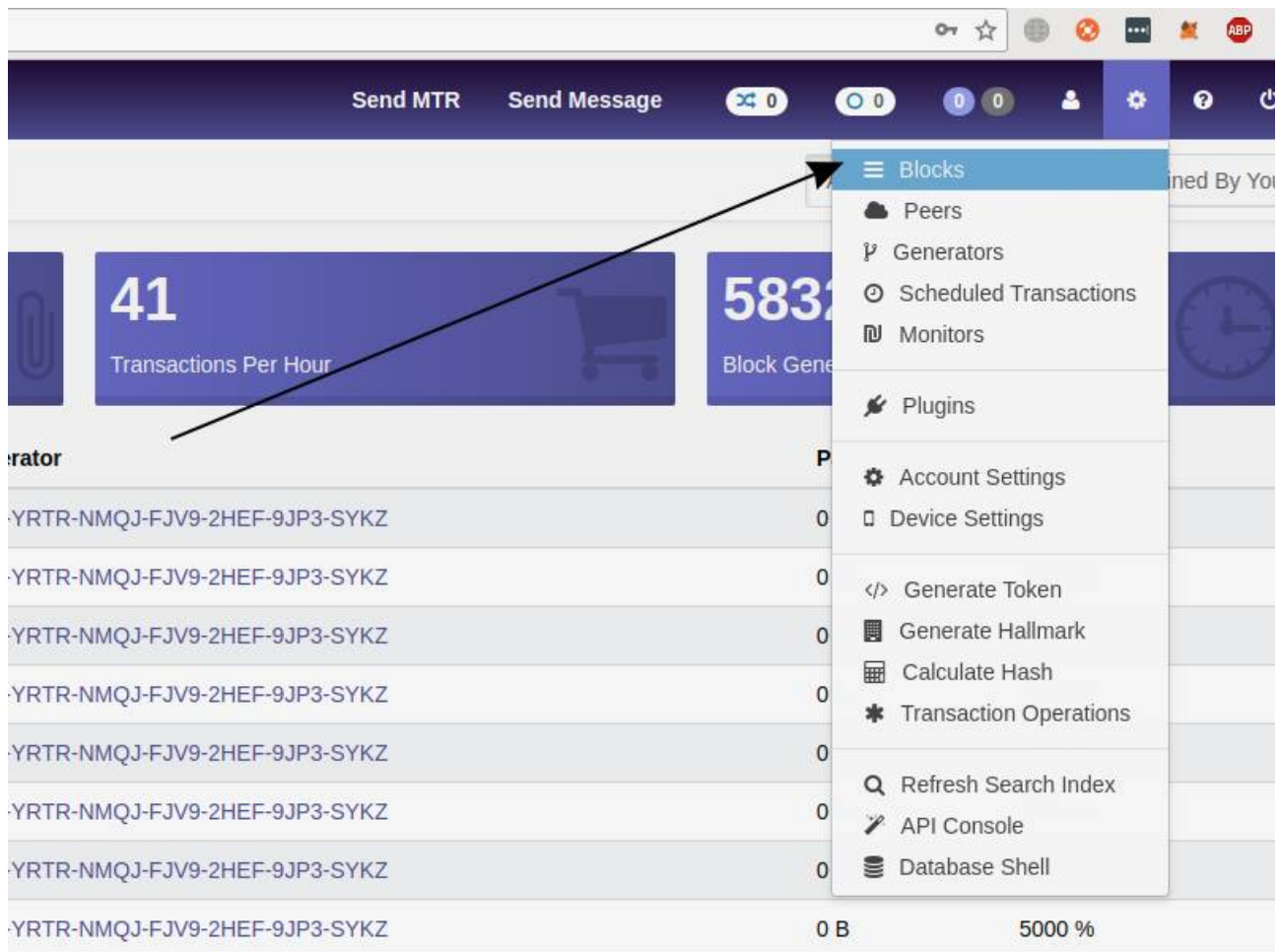


# MINING FAQ

- What's the algo used?
- Keccak256
- Are there GPU miners for your coin? Does ccmminer, sgminer support your algo?
- Versions from their maintainers don't support. Our cryptocurrency have 98 byte block header size instead of 80. We forked these miners, download here:  
<https://github.com/metrosoftware/ccminer/releases>  
<https://github.com/metrosoftware/sgminer/releases>
- Is this coin ASIC-resistant?
- There is no ASIC for this algo yet.
- Is there CPU Miner for coin?
- Included in our wallet. Run ./miner.sh
- Is there testnet?
- Yes. Use 6886 port. Mainnet use 7886 port.
- how do solo mining?
- <https://github.com/metrosoftware/metrodex/blob/develop/USERS-GUIDE.md>
- Where can I find mined block list?
- Here:



## TROUBLESHOOTING

- I've got error "Json rpc call failed".

```
Compiled with Visual Studio 2017 using the Nvidia CUDA Toolkit 9.2
2018-07-06 10:52:54] NVML GPU monitoring enabled.
2018-07-06 10:52:54] NVAPI GPU monitoring enabled.
2018-07-06 10:52:54] 3 miner threads started, using 'metro' algorithm.
2018-07-06 10:52:57] JSON-RPC call failed: (null)
2018-07-06 10:52:57] json_rpc_call failed, retry after 20 seconds
```

1. You need to enter your pubkey to metro.mine.publicKey= in metro/conf/metro-default.properties file. Not your MTR address which looks like MTR-73YF-AA22-3MHJ-PGJV-JSZ2-Y9UF, not your secretphrase which is your “private key” should be kept in secret. But your public key which looks like **TODO**
2. Ensure which port do you use? Testnet port 6886, mainnet port 7886.

- Where can I find my public key?

- Log in to Metro wallet. Click on your balance

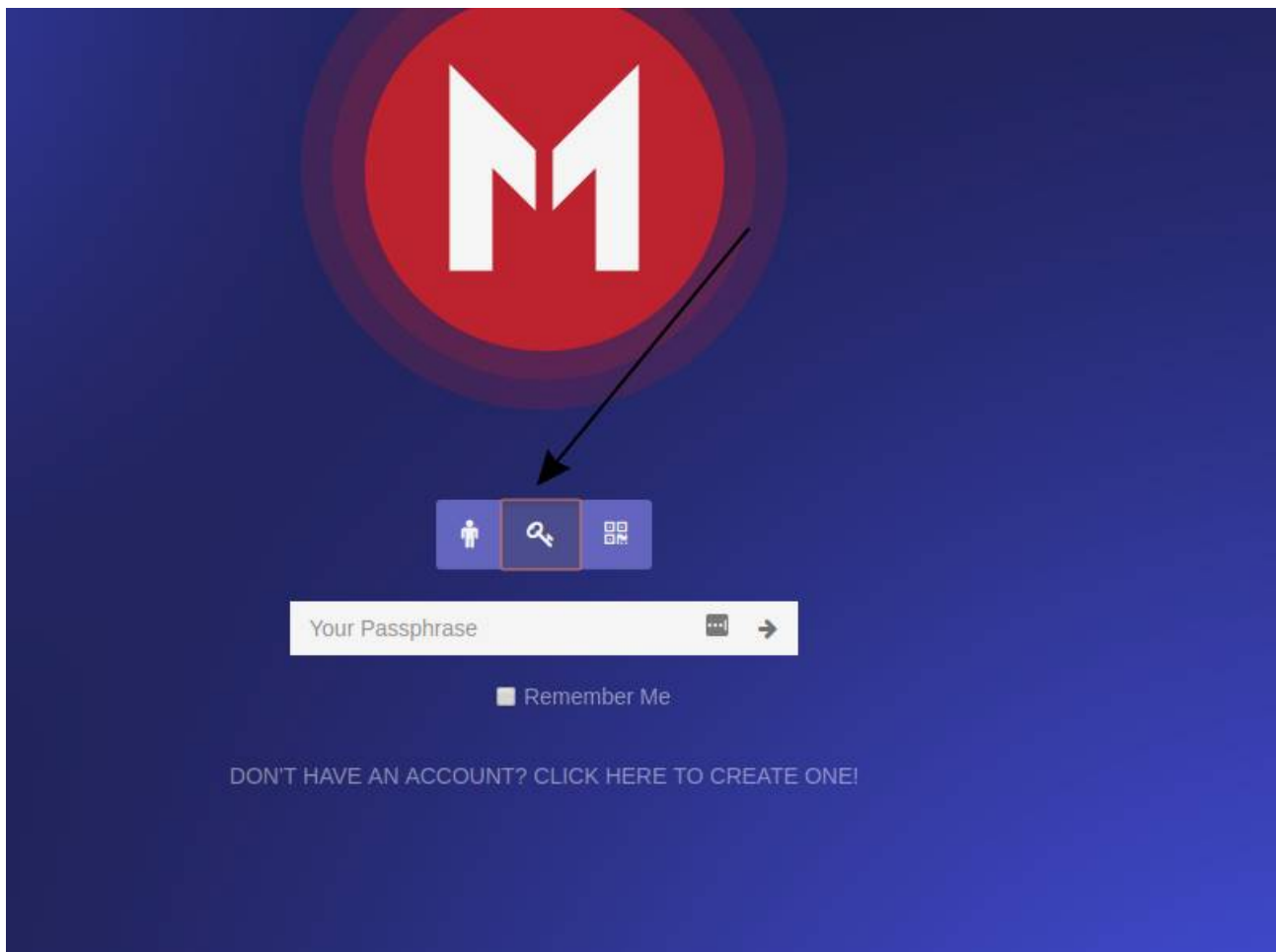
The screenshot shows the Metro wallet interface. On the left, the 'Your Account' section displays the MTR address: MTR-X5JH-TJKJ-AAN5-T2V8-T433-8QVU. Below this, it shows '0.00 (0.00) MTR' and a status of 'Connected' with a green dot. A red dot indicates 'Not Forging'. The current height is 584. A search bar labeled 'Search By ID...' is present. A black arrow points to the 'Connected' status indicator with the text 'click here' below it. The right side of the interface shows the 'Blocks' section with two summary cards: 'Avg. Amount Per Block' and 'Avg. Fee Per Block', both showing '0'. Below these is a table of blocks.

Height	Date	Amount	R
569	7/6/2018 15:48:17	0	0
568	7/6/2018 15:48:11	0	0
567	7/6/2018 15:48:01	0	0
566	7/6/2018 15:47:53	0	0
565	7/6/2018 15:47:46	0	0
564	7/6/2018 15:47:41	0	0
563	7/6/2018 15:47:33	0	0
562	7/6/2018 15:47:20	0	0
561	7/6/2018 15:47:13	0	0

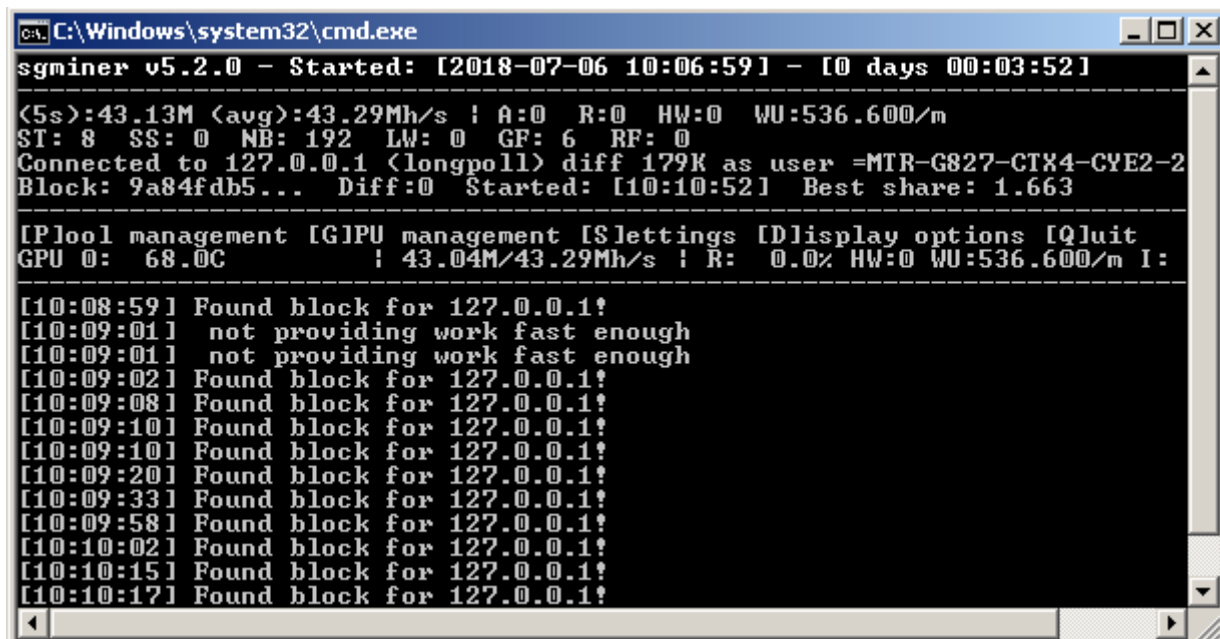
- My pubkey is empty.

<b>Available Balance:</b>	0 MTR
<b>Guaranteed Balance:</b>	0 MTR
<b>Effective Balance:</b>	0 MTR
<b>Forged Balance:</b>	0 MTR
<b>Public Key:</b>	

- You've been logged in without secret passphrase. Logout and log in with you secret passphrase.



- Help please, tell me if I did the right thing? This is sgminer



```
C:\Windows\system32\cmd.exe
sgminer v5.2.0 - Started: [2018-07-06 10:06:59] - [0 days 00:03:52]

<5s>:43.13M <avg>:43.29Mh/s ; A:0 R:0 HW:0 WU:536.600/m
ST: 8 SS: 0 NB: 192 LW: 0 GF: 6 RF: 0
Connected to 127.0.0.1 <longpoll> diff 179K as user =MTR-G827-CTX4-CYE2-2
Block: 9a84fdb5... Diff:0 Started: [10:10:52] Best share: 1.663

[Plpool management [GPU management [S]ettings [D]isplay options [Q]uit
GPU 0: 68.0C ; 43.04M/43.29Mh/s ; R: 0.0% HW:0 WU:536.600/m I:

[10:08:59] Found block for 127.0.0.1!
[10:09:01] not providing work fast enough
[10:09:01] not providing work fast enough
[10:09:02] Found block for 127.0.0.1!
[10:09:08] Found block for 127.0.0.1!
[10:09:10] Found block for 127.0.0.1!
[10:09:10] Found block for 127.0.0.1!
[10:09:20] Found block for 127.0.0.1!
[10:09:33] Found block for 127.0.0.1!
[10:09:58] Found block for 127.0.0.1!
[10:10:02] Found block for 127.0.0.1!
[10:10:15] Found block for 127.0.0.1!
[10:10:17] Found block for 127.0.0.1!
```

- Miner is working. But for now there is an logging issue with sgminer. It write that is has found a block all the time.Only allow to add block in current cluster

- So even though all these blocks are going through, they are not receiving rewards?

- It is a POS blocks. Forgers receive only transaction fee for the block producing.