Ethereum HD

Windows Mining

—— White Paper ——

2020.05.23 Update V1.1.0

Directory

Preface

<mark>Before mining</mark>

Mining equipment: EHD mining system compatible and support most of the market storage class mining and hard disk storage equipment, all hard disk storage equipment must be formatted first, unformatted hard disk can not be identified, the larger the hard disk storage capacity in theory, the better;

Display: the general display can be used, a display can be repeated to a number of mining equipment; to build mine or mine pool need to be equipped with an additional computer mainframe, convenient centralized management of all mining equipment;

 Routers: home environment general WiFi routers can be wired to connect 3-5 mining equipment at the same time mining; if it is to build mine or mine pool, and support hundreds of mining machine equipment at the same time wired network, set up a regional network, need professional router equipment, can consult relevant manufacturers;

Network bandwidth: home 100 M start, mine construction suggested to choose special optical fiber, ensure network stability suggested to use wired network connection as far as possible, the more mining equipment, the higher the requirements for broadband network;

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Site environment: good ventilation conditions, dry, dust-free environment; mine construction suggestions reference IDC machine room standards.

Basic operational readiness

1. disk pre-insert to disk slot, lock, blue light display correctly;

2. download EHD Wallet wallet App (www.ehd.io), pledge, view proceeds.

3. windows computer or windows operating system mining machine installation EHDMiner mining machine mining node program, the keystore generated by the EHD Wallet wallet into the mining machine mining node program, start mining, the system program will be installed in the disk mining P disk by default;

4. additional windows computer is provided to install EHD Pool mine pool monitoring program (www.ehd.io) to monitor and manage all mine machine status;

I. EHDMiner installation steps and operation methods of mining joint system of mining machine

1. Before downloading and running, make sure the antivirus software is shut down, or open the security software trust, because the security software may not be able to identify the mining program, resulting in unable to install;

2. please download the mining machine equipment mining procedures EHDMiner-setup .exe to the installation disk (it is recommended not to install in the system C disk, need to "administrator identity run ");
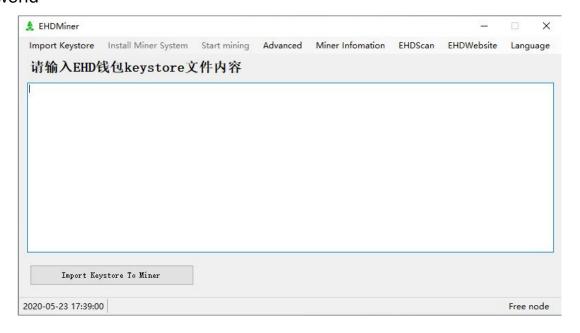
Download: www.ehd.io

G ithub Download: https://github.com/EthereumHD/plot/releases
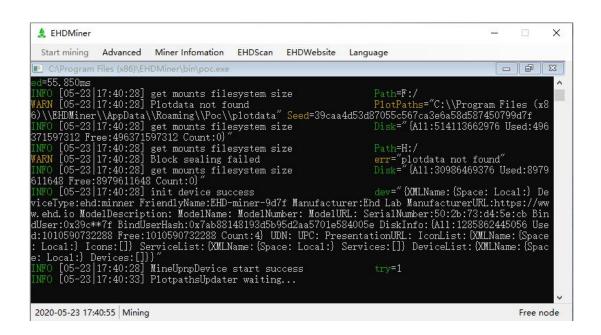
3.EHD Wallet wallet App generated keystore into the mining machine mining node program
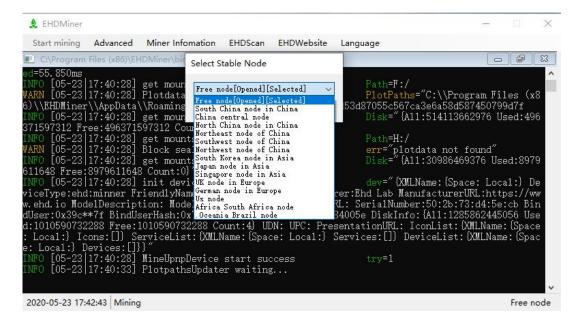
4. start mining program, the system automatically P disk and add free node;
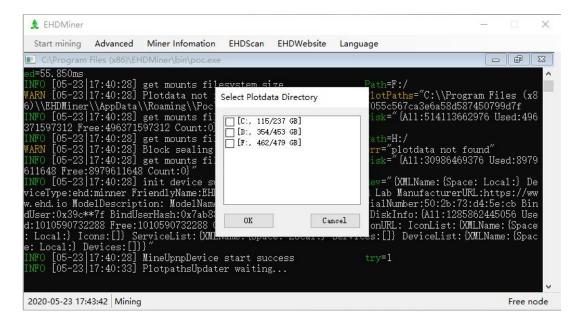
5. " Select Stable Node "in Advanced Options;
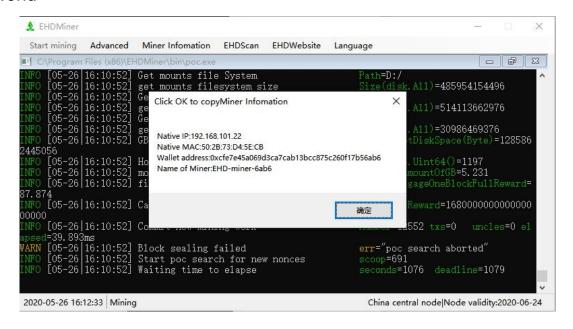
6. the advanced options;

7. view mine information;

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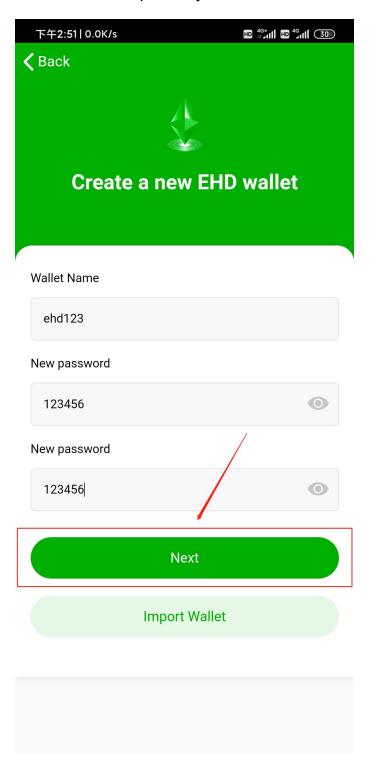
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II.Operation method of keystore private key import EHDMiner mining machine mining node program
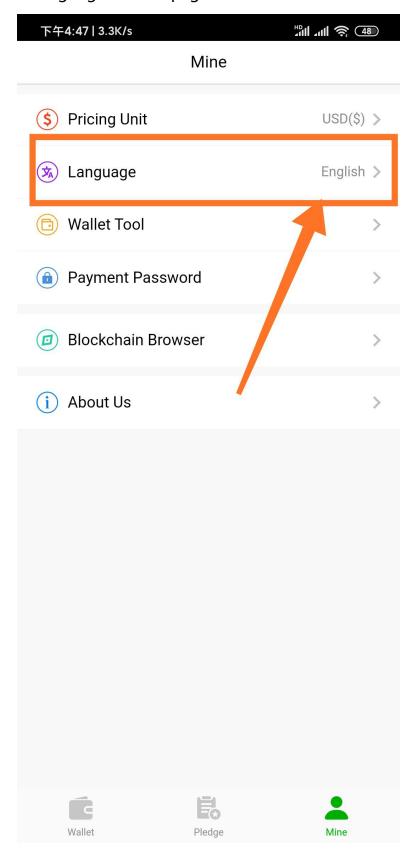
1、Register EHDWallet wallet, export Keystore file content

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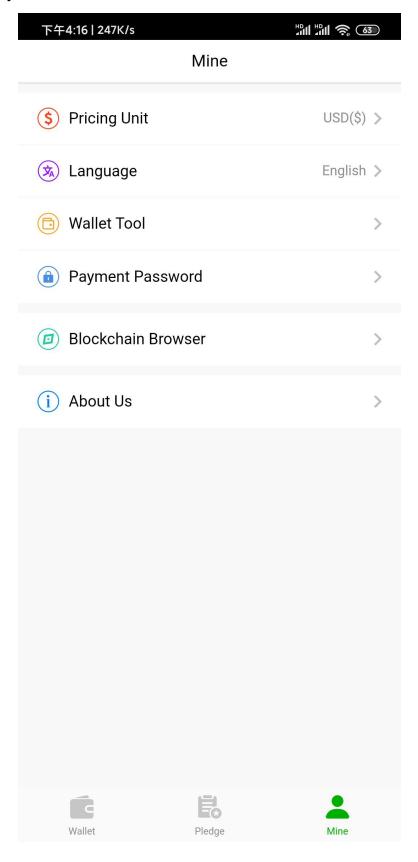
2. switch wallet language version page
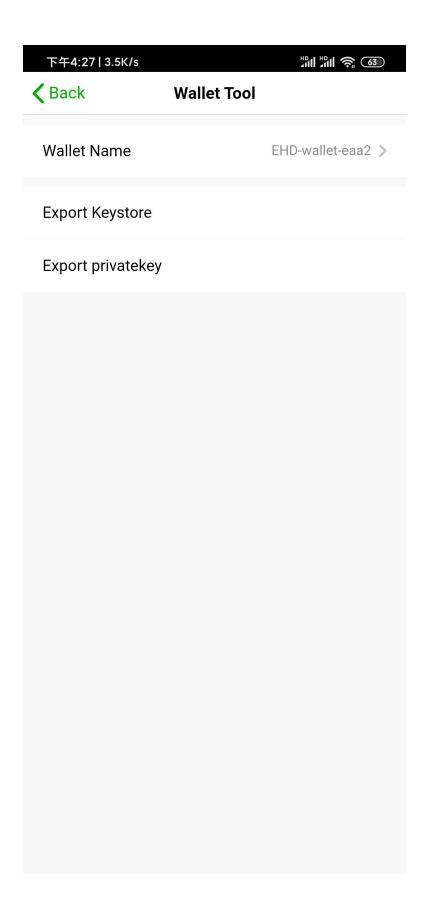
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3. export Keystore file content

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Back   **Wallet Tool**

Wallet Name   EHD-wallet-eaa2 ›

Export Keystore

Export privatekey
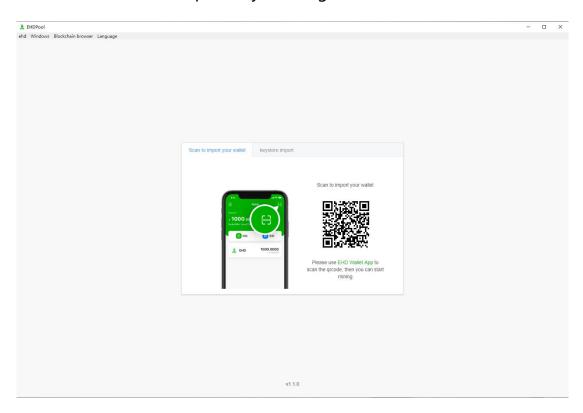
三． **EHDPool installation procedure and operation method of mine pool monitoring system**
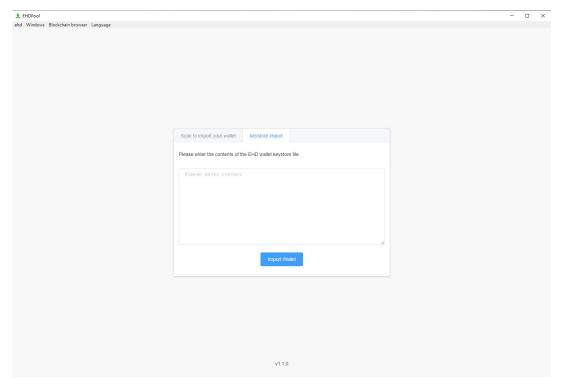
1. local LAN scan code import Keystore login
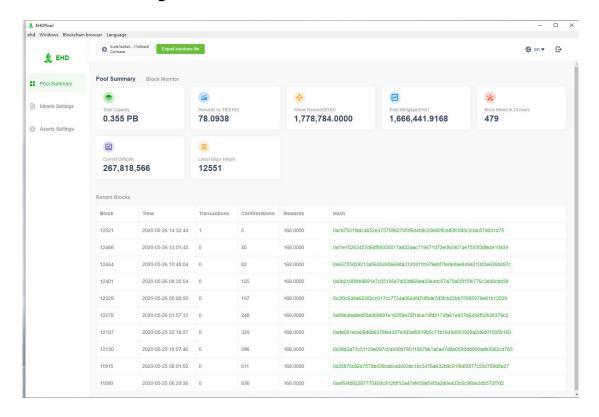
2. remote import Keystore login

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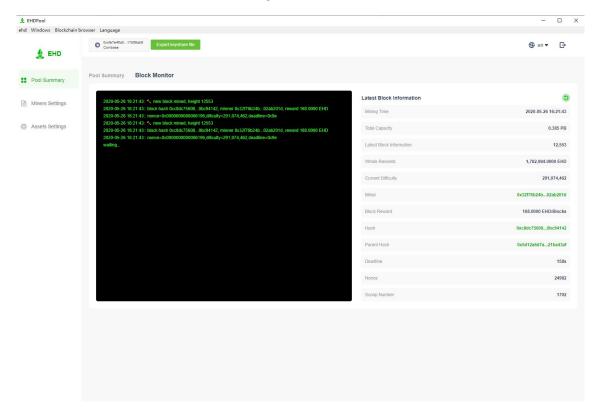
3. Pool Overview Page

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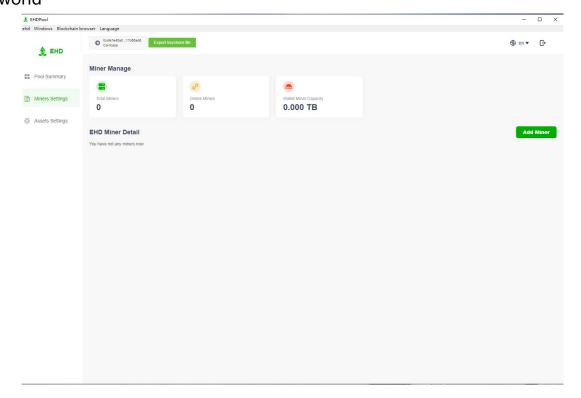
4. whole network block monitoring surface
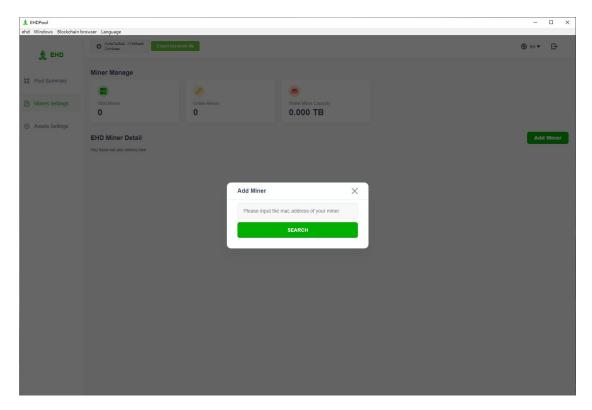
5. Mining Machine Management Page
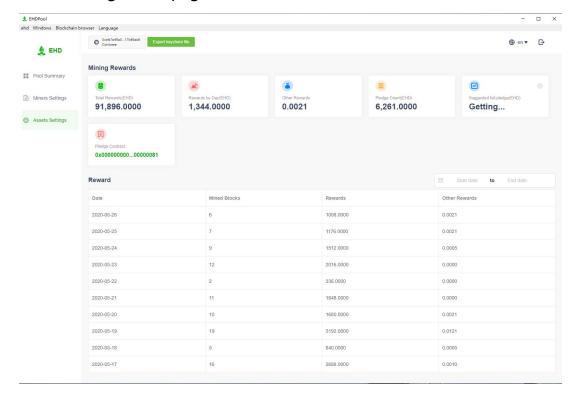
6. select "Mine Machine Management "-" Add Mine Machine"

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7. fund management page

IV. EHDWallet wallet pledge mining method
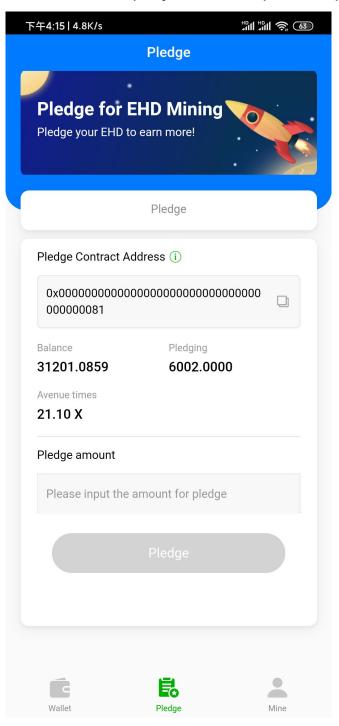
Here's a tutorial on EHDWallet wallet pledge mining

1. please make sure that the Keystore(private key imported EHDWallet the wallet) is the completed binding machine equipment, please remember and save the security password;

2. please confirm the storage capacity of mine equipment, minimum pledge 1000 EHD start, maximum pledge uncapped, depending on the storage capacity of hard disk;

3. output is not fixed, this is a probability problem; every 3-5 minutes out of a block, each block output 168 EHD, the whole network mining node to compete for block rights; in theory, the more pledge (full pledge), the faster the network broadband, mining node stability, mining machine storage capacity, the longer standby time block probability;

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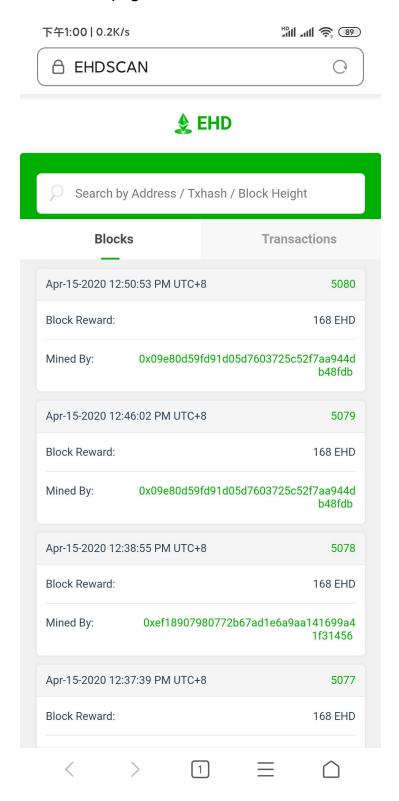
1.EHD pledge page (note: all miners pledge EHD to open smart contract
address, blockchain browser can query to ensure open transparency)

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2.EHD blockchain browser page

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🔒 EHDSCAN   ↻

🔷 EHD

🔍 Search by Address / Txhash / Block Height

Blocks	Transactions

Apr-15-2020 12:50:53 PM UTC+8   5080

Block Reward: 168 EHD

Mined By: 0x09e80d59fd91d05d7603725c52f7aa944d
                                                b48fdb

Apr-15-2020 12:46:02 PM UTC+8   5079

Block Reward: 168 EHD

Mined By: 0x09e80d59fd91d05d7603725c52f7aa944d
                                                b48fdb

Apr-15-2020 12:38:55 PM UTC+8   5078

Block Reward: 168 EHD

Mined By: 0xef18907980772b67ad1e6a9aa141699a4
                                                1f31456

Apr-15-2020 12:37:39 PM UTC+8   5077

Block Reward: 168 EHD

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V. Q & A session

1 Q: Is EHD wallet safe?

Answer: Security, EHD wallet is a de-centralized cold wallet based on blockchain

underlying technology, and the source code is open source, anyone can deploy, no one

can close; EHD wallet does not save and upload user any information, do not network

can also register and log in; do not need mobile phone number, mailbox and other ways

to register and log in, and all registration is to generate a unique encrypted private key,

only the user can see, absolutely safe, once lost can never be retrieved.

2 Q: Is it safe to mine EHD wallet pledge?

A: safe, all pledge will be on the chain, pledge contract address unique, open,

transparent, can not be tampered with, all people can query at any time, supervision.

Contract address :0 x0000000000000000000000000000000000000081

3 Q: Will EHD wallet upgrade and install a new version result in asset loss?

No, it's especially important to note that before installing the new version, please do n' t

delete the EHD wallet completely locally, it won't cause asset loss; the new version will

overwrite the old version, the asset is still on the chain, and it can be restored; for safety

reasons, it is recommended to keep the keystore file properly, even if EHD wallet is

accidentally deleted, it can be re-imported.

Q: Can EHD return the money EHD pledge?

A: No, all pledges will enter into the pledge contract and be permanently destroyed.

Ask: EHD pledge mining must have income?

Answer: No, the pledge does not necessarily mean that the block can be dug out, and the block and mining machine hardware configuration, disk capacity, network speed, mining difficulty and other factors, can not guarantee that the block can be dug out reward.

6 Q: How much is the EHD deposit? How to calculate the income?

Pledge :1 GB 10 EHD, minimum 100 GB start; according to disk capacity space size pledge, minimum pledge 1000 EHD, maximum uncapped, produce a block every 3-5 minutes, constant 168 EHD; example: mining machine equipment is 500 disk capacity, need full pledge 500*10=5000 EHD, the biggest block income is 168 EHD.

7 Q: EHD mining pledge proceeds can be taken at any time?

A: Yes

8 Q: Can EHD mine machine assemble and produce itself?

A: Yes, EHD mining machine mining procedures have been open source, everyone or manufacturers can produce, sell.

Question 9: Do EHD need P plates for mining?

Response: Need, mining machine need to install EHDMiner public chain main network mining node program PC version, automatic P disk, synchronous main chain node block data.

Q: Can EHD mine with a windows computer at home?

A: Yes, support all windows computer mining, but get relatively stable out of the block, it is recommended to choose a professional large power mining machine more suitable.

Q: Can EHD mine machine install EHD mine pool management system?

Answer: No, mine machine is mine machine, is used for mining, mine pool system is used to manage mine machine equipment, check mining income, can not install mine machine mining program and mine pool system on a computer at the same time.

12 Q: How many mines can EHDpool be bound to the pool?

A: theoretically unlimited, depending on the number of mining machines, but one keystore document can only manage one mining machine.

13 Q: Can the EHDpool pool view all the mining proceeds?

No, one keystore file can only view the bound machine, if you want to view multiple, it is

recommended to view through EHD wallet or EHD block browser.

14 Q: The mine machine or hard disk is broken, the ore machine or add new disk need to

P the disk again?

Answer: Need, mine machine broken to replace new mine machine also need to reinstall

EHDMiner public chain main net mining node program.

15 Q: Mine machine shut down need to restart EHD mining machine mining procedures?

A: Need, under any circumstances need to ensure that the EHD mining machine mining

procedures are on to normal mining.

16 Q: When can EHD purse be pledged for mining?

A: at any time, EHD mining procedures can import the pledge of the Keystore

documents, no impact on the previous pledge.