1. Clone code

1.1 $ git clone https://github.com/swordlet/xdagPool.git

1.2 $ cd xdagPool

$ git checkout master

$ git checkout -b develop

$ git branch --set-upstream-to=origin/develop develop

$ git config user.email "you@example.com"

$ git config user.name "Your Name"

$ git config pull.rebase false

$ git pull

We run the code in the develop branch

---

2. Configure redis

$ sudo apt update

$ sudo apt install redis-server

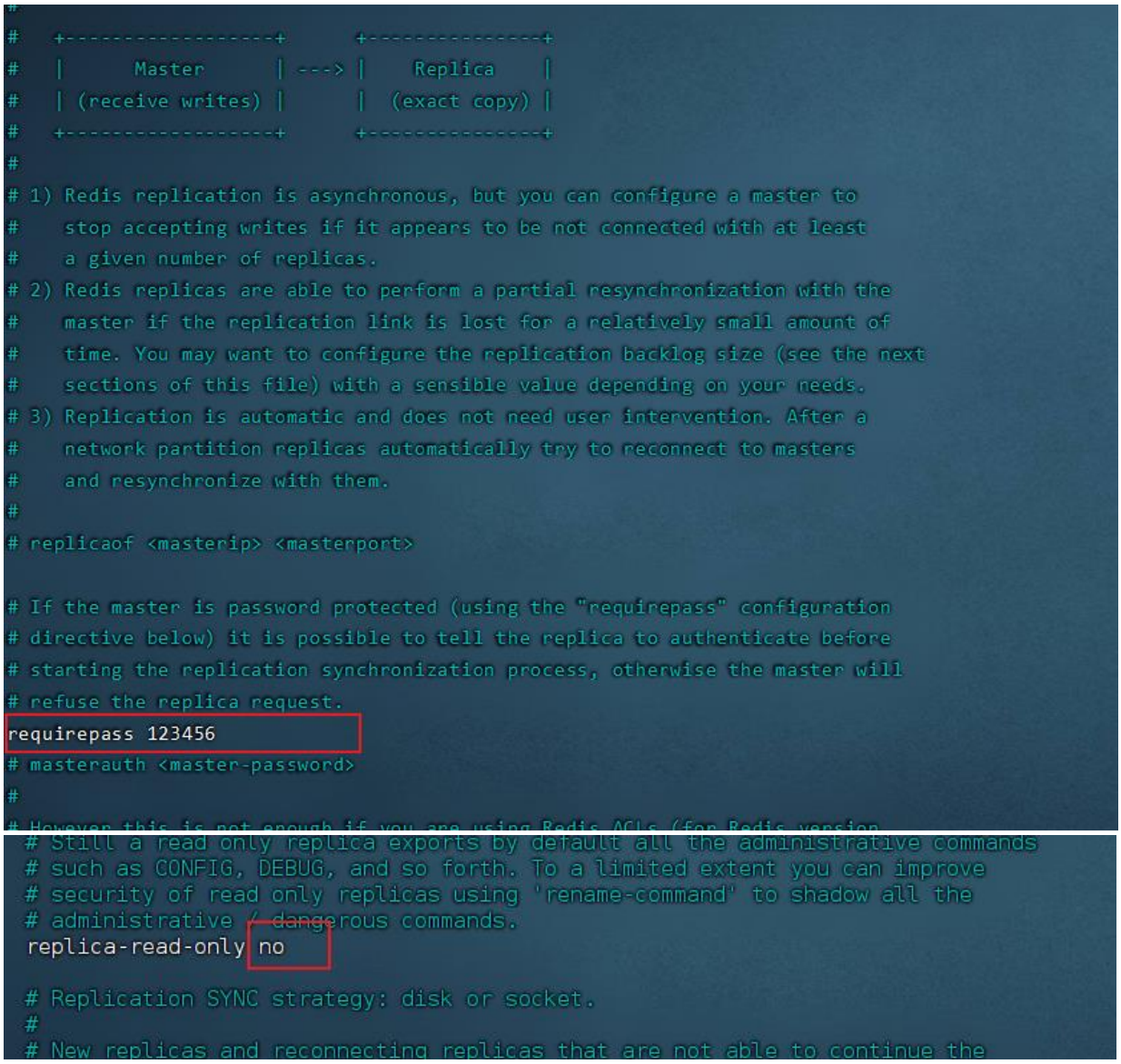
2.1 Modify redis password

$ sudo nano /etc/redis/redis.conf

Find #requirepass foobared in the configuration file and modify it to:

requirepass your_new_password

Such as:



Then save and close the file.

2.2 Restart the Redis service for the changes to take effect:

$ sudo systemctl restart redis-server

---

3. Install the environment related to running code

3.1 $ sudo apt install golang-go

3.2 $ sudo apt install cmake make

---

4. Change configuration in config.json

4.1 Enter the xdagPool file

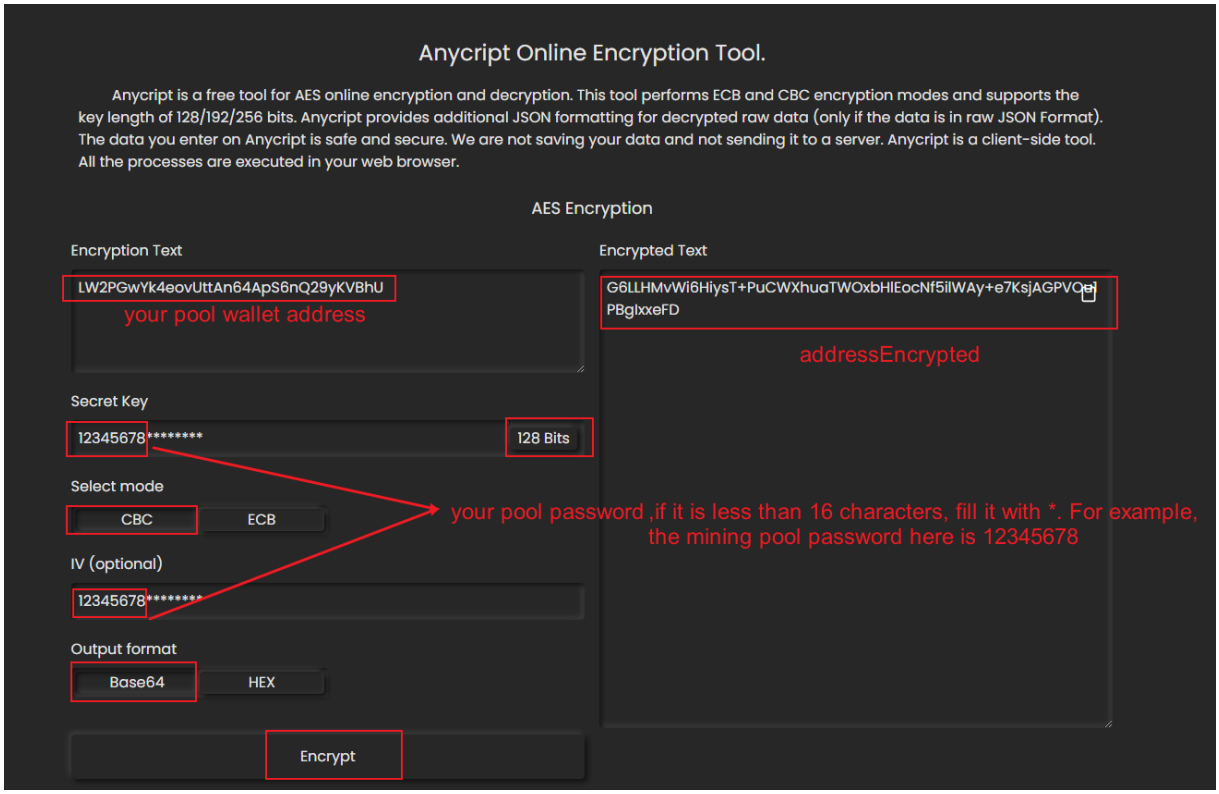
$ cp config.example.json ./config.json

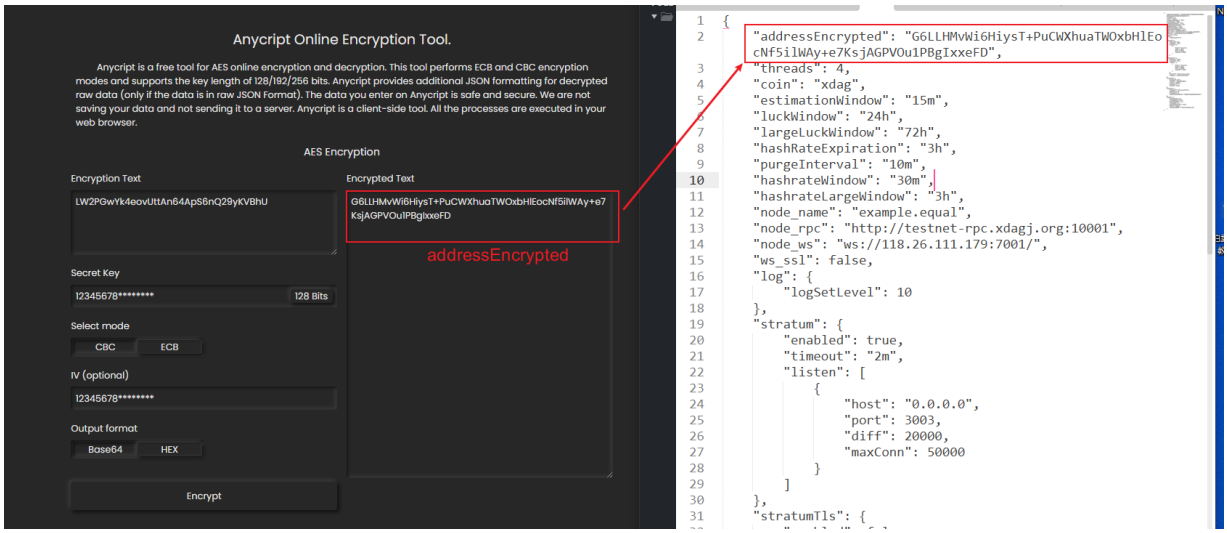
Such as:

4.2 Modify the config.json configuration file

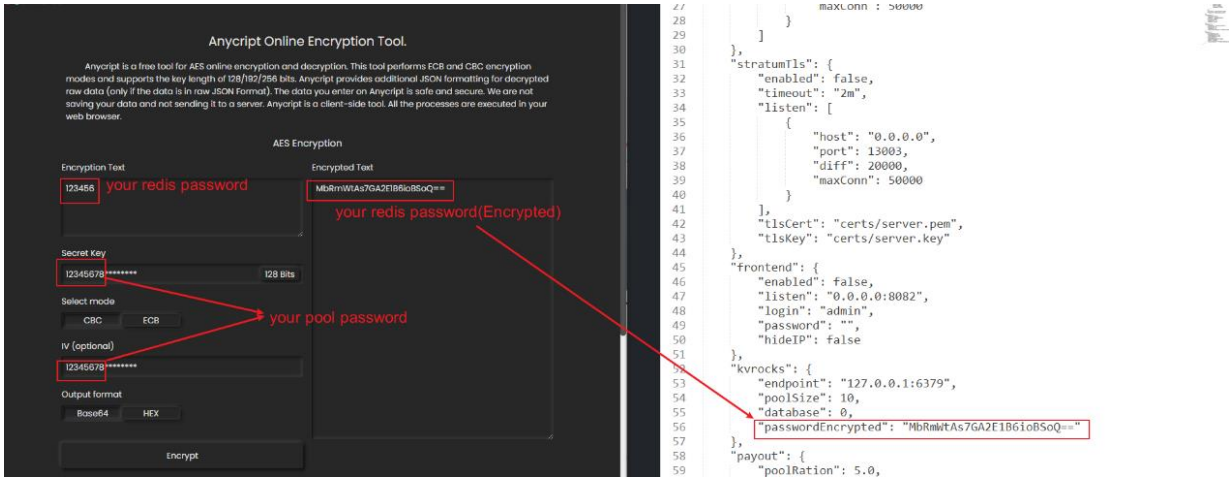
First click https://anycript.com/ (or other AES encryption tool URL) to encrypt your wallet address and redis password.

Configure addressEncrypted parameter





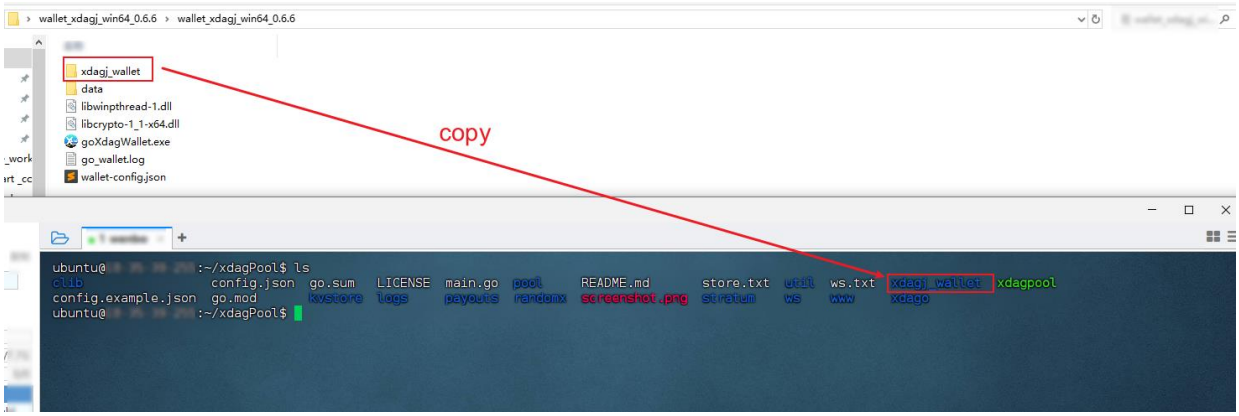
Configure passwordEncrypted (Encrypted redis password) parameter



5. Import wallet file

5.1 Open 0.6.6XDAGJ wallet

5.2 Copy the xdagj_wallet folder to the xdagPool folder



6. Compile project

6.1 $ cd ./xdagPool/clib/randomx

6.2 $ cmake .

```
ubuntu@10-35-80-195:~/xdagPool/clib/randomx$ cmake .
```

6.3 $ make

```
ubuntu@10-35-80-195:~/xdagPool/clib/randomx$ make
```

6.4 $ cd ./xdagPool

6.5 $ go build

```
ubuntu@10-35-80-195:~/xdagPool$ go build
```

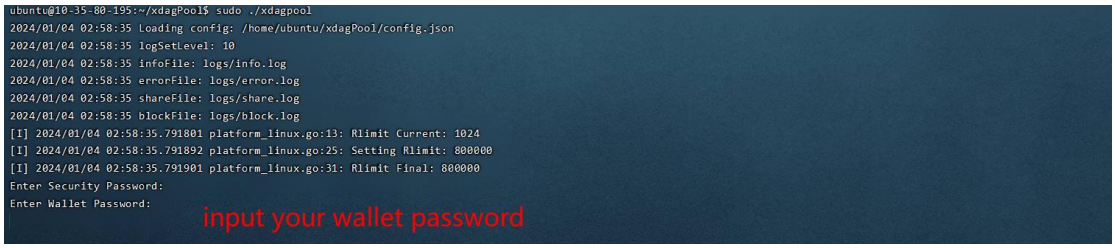
6.6 After the compilation is successful, you can see a compiled executable file

7. Run your mining pool

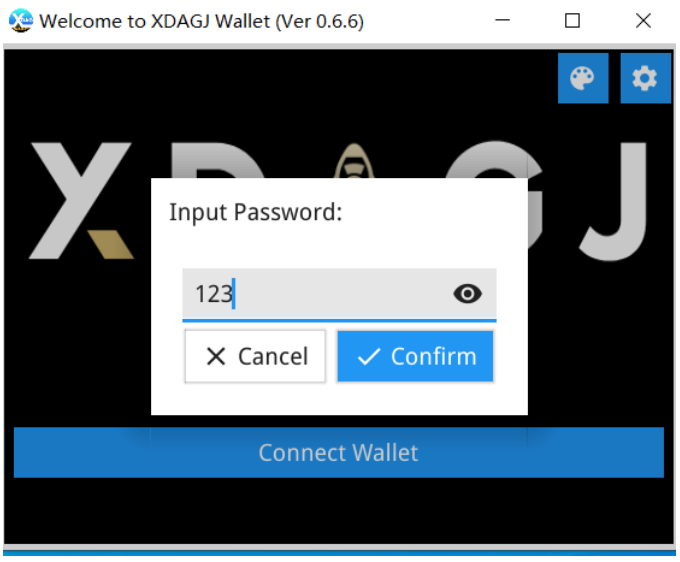
7.1 $ cd xdagPool

7.2 $ sudo ./xdagpool

The pool password is the key used for your AES encryption. For example, 12345678******** was mentioned before as the key for encrypting the wallet address and redis password, then 12345678 is your pool password for unlocking the pool.

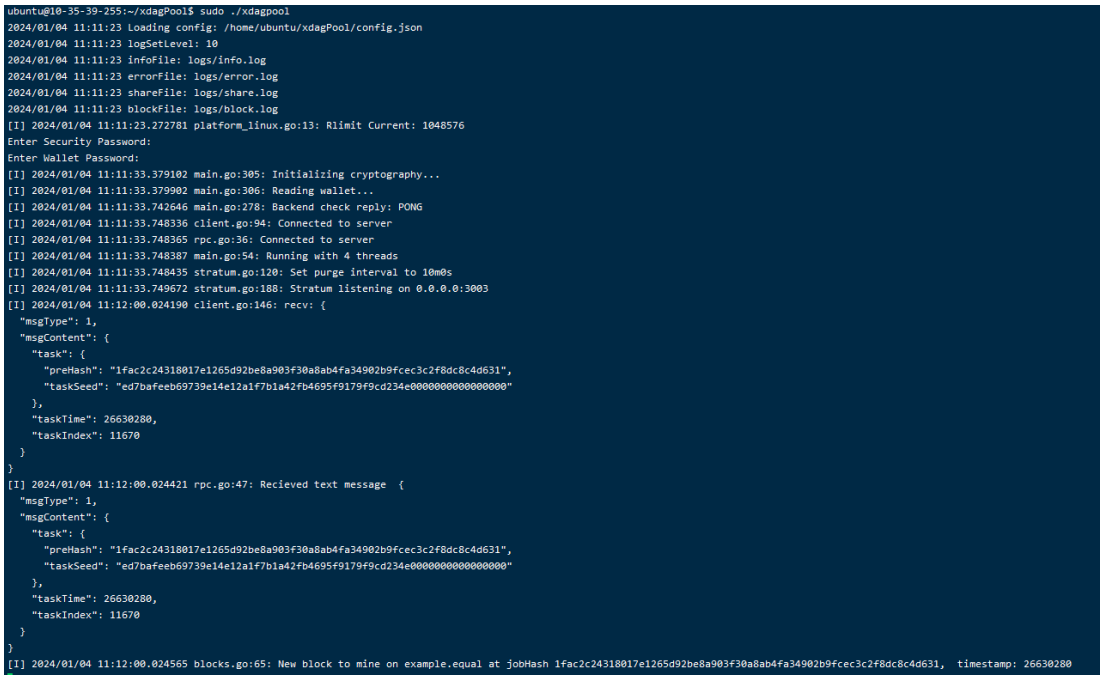


The wallet password is the password used when logging into the wallet. For example:



Then 123 is your wallet password.

7.3 Running success result



Then you can use your mining machine to connect to this mining pool and start mining. The default configured pool port is 3003. **Please do not use a proxy, miners can directly connect to the mining pool for mining.**

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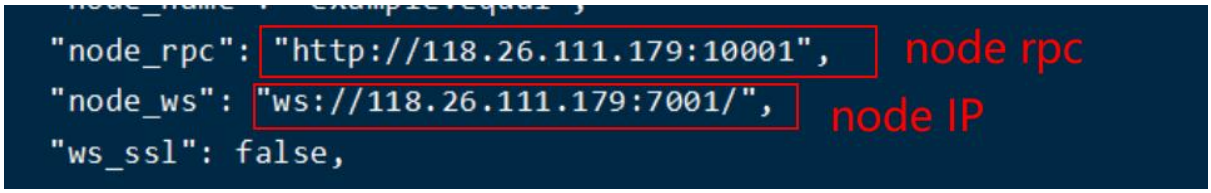
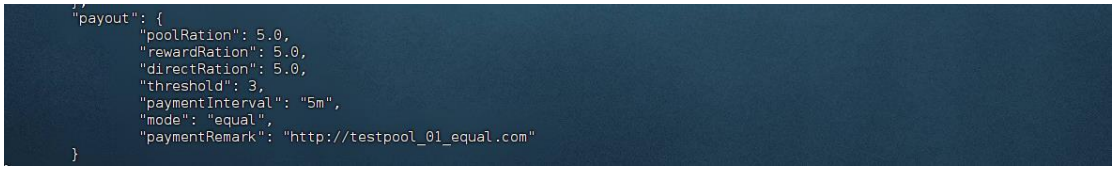
8. Other configurations





mode: equal or solo

threshold: Indicates the payment threshold for issuing rewards to miners, here are 3 XDAG

paymentInterval: payment interval, here is 5 minutes, indicating that miner rewards are issued every five minutes

paymentRemark: URL of the mining pool

The two test node IPs currently running on the test network are 118.26.111.179 and 152.32.129.160, and the port numbers are both 7001. Currently, both nodes have opened the mining pool whitelist, **welcome to build your pool!**