

Ecclesiastes (Eccl) 12:13

Now all has been heard;
here is the conclusion of the matter :

**Have reverence for God, and obey his commands,
because this is all that man was created for.**

**Fear God and keep his commandments,
for this is the whole duty of man.**



Bitcoin and Bitcoin-Core

bitcoin.org / bitcoincore.org

- <https://bitcoin.org/>
- <https://bitcoin.org/en/download>
- <https://github.com/bitcoin/bitcoin>

- <https://developer.bitcoin.org/>

- <https://bitcoincore.org/en/releases/>
- <https://bitcoincore.org/en/download/>

- <https://en.bitcoin.it/>
- <https://en.bitcoin.it/wiki/Category:Technical>

- <https://bitnodes.io/#join-the-network>

- Bitcoin source code

```
$ sudo apt-get install git
```

```
$ git clone https://github.com/bitcoin/bitcoin.git
```

```
$ git tag -l
```

```
* git checkout tags/version_tag
```

```
$ git checkout tags/v0.21.0
```

bitcoin.org

- Official Bitcoin Website
 - Provides official information regarding Bitcoin updates, releases, and documentation
- Download **Bitcoin Client** Software
 - Provides download links for **Bitcoin Core** and other **Bitcoin client software**

<https://developer.bitcoin.org/>



Welcome

Learn Bitcoin and start building
Bitcoin-based applications.



Developer Guides

[Learn more](#)



Reference

[Learn more](#)



Examples

[Learn more](#)

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bitcoincore.org

- <https://bitcoincore.org/en/about/>
- Bitcoin Core
 - An open source project which maintains and releases **Bitcoin client software** called 'Bitcoin Core'
 - It is a direct descendant of the original Bitcoin software client released by Satoshi Nakamoto

Bitcoin vs Bitcoin-core

- Differences between bitcoin and bitcoin-core
 - Bitcoin refers to the cryptocurrency itself, encompassing the protocol, technology, and ecosystem
 - Bitcoin Core is the official client software that implements the Bitcoin protocol, allowing users to interact with the Bitcoin network and manage their wallets

Bitcoin-core

- The official client software for Bitcoin
 - Responsible for interacting with the Bitcoin network and maintaining the blockchain
 - Implements the **Bitcoin protocol**, allowing users to interact with the Bitcoin network and manage their wallets
 - Maintains a replica of the Bitcoin network and verifies new transactions
 - Includes wallet software, allowing individual users to hold and transact with Bitcoin

Bitcoin-core

- Bitcoin Core, while serving as **a full node software**,
 - is often referred to as "**client software**" because it allows individual users to act as clients on the Bitcoin network
- It provides **the essential functions** for users
 - to create and manage Bitcoin wallets,
 - send and receive transactions,
 - and interact with the broader Bitcoin network
- It also functions as a full node, contributing to the network's security and validation of transactions

- Bitcoin Core software includes **mining** functionality
 - Bitcoin Core is **a full node software** that serves several key roles within the Bitcoin network, and one of those roles is mining
- How Bitcoin Core's mining functionality works
 - Full Node
 - Bitcoin Core functions as a full node, which means it maintains a complete replica of the Bitcoin network, including the blockchain. This is crucial for verifying new transactions and blocks, ensuring the security and trustworthiness of the network.
 - Wallet
 - Bitcoin Core also operates as a wallet software, allowing users to send and receive Bitcoin. Users can manage their Bitcoin holdings and conduct transactions using Bitcoin Core's wallet features.
 - Mining
 - Bitcoin Core includes mining capabilities. Miners can use Bitcoin Core to mine new blocks and include new transactions in those blocks. This process is how new Bitcoin is issued, and miners earn rewards for mining blocks as well as collecting transaction fees.

Build Bitcoin Source

- `git clone https://github.com/bitcoin/bitcoin.git -b branch_name --single-branch`
- `git clone https://github.com/bitcoin/bitcoin.git -b release/v0.21.0 --single-branch`
- `cd bitcoin`
- `./autogen.sh`
- `./configure`
- `make`
- `sudo make install`
- `./src/bitcoind`

Install bitcoin

- Method 1

```
$ curl https://bitnodes.io/install-full-node.sh
```

- Method 2

```
$ sudo apt update
```

```
$ sudo apt install build-essential autoconf automake libtool libevent-  
dev libboost-all-dev libminiupnpc-dev libssl-dev libzmq3-dev  
libqt5gui5 libqt5core5a libqt5dbus5 qttools5-dev qttools5-dev-tools  
libqrencode-dev
```

```
$ wget https://bitcoin.org/bin/bitcoin-core-x.y.z/bitcoin-x.y.z-  
x86_64-linux-gnu.tar.gz
```

```
$ sha256sum bitcoin-x.y.z-x86_64-linux-gnu.tar.gz
```

```
$ tar -xvf bitcoin-x.y.z-x86_64-linux-gnu.tar.gz
```

```
$ sudo mv bitcoin-x.y.z /usr/local/bin/bitcoin
```

```
$ bitcoin
```

<https://bitcoin.org/en/bitcoin-core/>

- <https://bitcoin.org/en/bitcoin-core/>
- <https://bitcoin.org/en/download>



Windows

exe - zip



Linux (tgz)

64 bit



Linux (Snap Store)

Ubuntu-22.04.3

```
$ bitcoin-core.cli getbestblockhash
$ ls -l blocks/blk00000.dat
$ ls -l blocks/blk*
```

```
$ bitcoin-core.cli getblockchaininfo
$ cat currentblk
#!/bin/bash
cnt=`bitcoin-core.cli getblockcount`
hash=`bitcoin-core.cli getblockhash ${cnt}`
timeline=`bitcoin-core.cli getblock $hash | grep '"time"'`
ltrimtime=${timeline#*time\" : }
newest=${ltrimtime%%,*}
echo $((`date +%s`-$newest))
echo $(((`date +%s`-$newest)/60))
```

```
$ bitcoin-core.cli getblockcount
```

```
$ cnt=`bitcoin-core.cli getblockcount`
$ hash=`bitcoin-core.cli getblockhash ${cnt}`
$ timeline=`bitcoin-core.cli getblock $hash | grep '"time"'`
$ ltrimtime=${timeline#*time\" : }
$ newest=${ltrimtime%%,*}
```

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bitcoin-core.cli or bitcoin-cli

```
$ bitcoin-cli getblockhash 0
```

```
000000000019d6689c085ae165831e934ff763ae46a2a6c172b3f1b60a8ce26f
```

```
$ bitcoin-cli getblock 000000000019d...26f 2
```

Where the first argument is the block hash,
and 2 is the verbosity (i.e. for json object with transaction data)

Bitcoin Core

<https://bitcoincore.org/en/download/>



Windows

exe - zip



ARM Linux

64 bit - 32 bit



macOS (x86_64)

dmg - tar.gz



RISC-V Linux

64 bit



macOS (arm64)

dmg - tar.gz



PPC64 Linux

64 bit - 64 bit LE



Linux (tgz)



Snap Store Linux

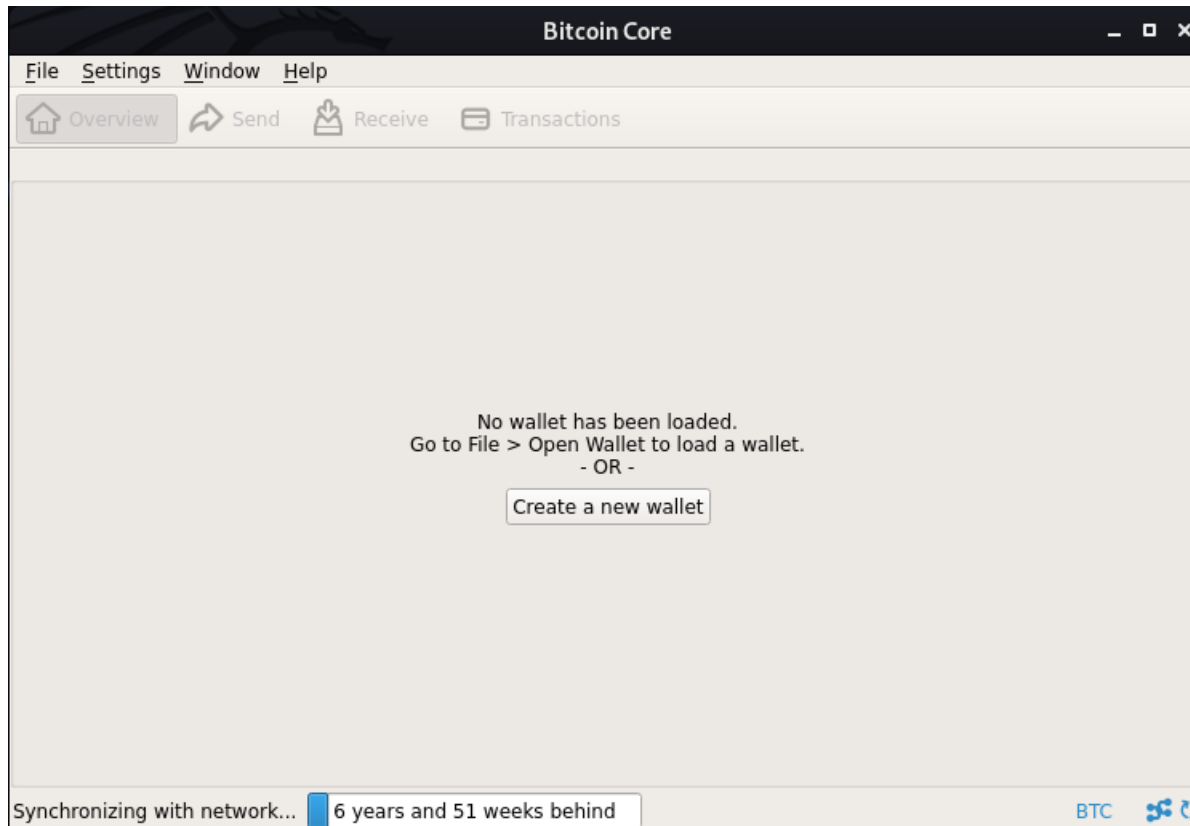
Installing Bitcoin Core

- https://en.bitcoin.it/wiki/Help:Installing_Bitcoin_Core

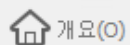
Installing Bitcoin Core



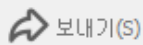
† Have reverence for God, and obey his commands, because this is all that man was created for (Ecclesiastes 12:13)



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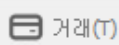
개요(O)



보내기(S)



받기(R)



거래(T)



최근 거래는 아직 보이지 않을 수 있습니다. 따라서 당신의 지갑의 잔액이 틀릴 수도 있습니다. 이 정보는 당신의 지갑이 비트코인 네트워크와 완전한 동기화를 완료하면, 아래의 설명과 같이 정확해집니다.

아직 표시되지 않은 거래의 영향을 받는 비트코인을 사용하려고 하는 것은 네트워크에서 허가되지 않습니다.

남은 블록의 수	344288
최종 블록 시각	월 5 22 10:30:51 2017
진행	25.49%
시간당 진행 증가율	1.76%
동기화 완료까지 예상 시간	42시간

숨기기

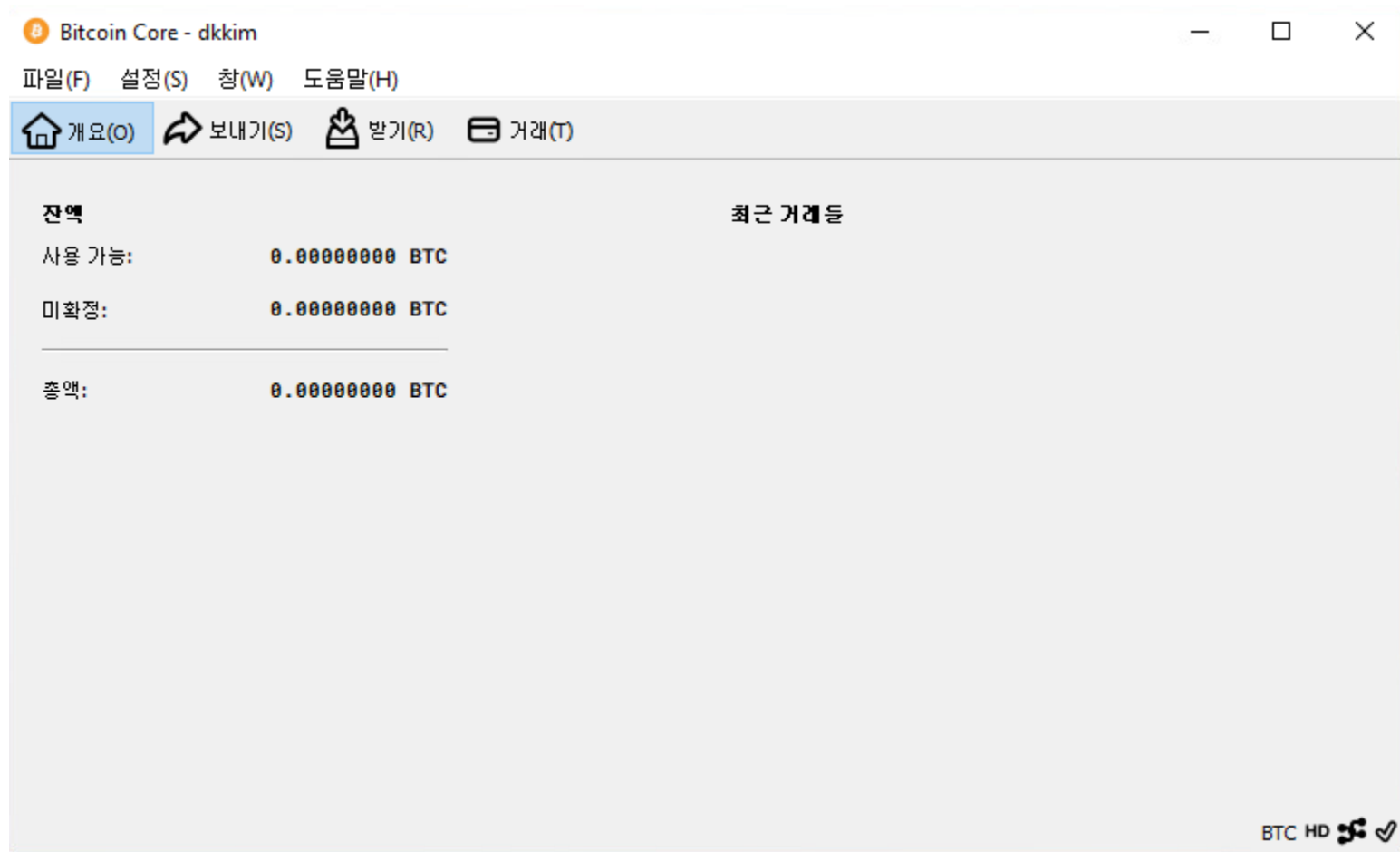
Ubuntu-22.04.3

```
btc@dkkim:~/snap/bitcoin-core/common/.bitcoin$  
btc@dkkim:~/snap/bitcoin-core/common/.bitcoin$  
btc@dkkim:~/snap/bitcoin-core/common/.bitcoin$ pwd  
/home/btc/snap/bitcoin-core/common/.bitcoin  
btc@dkkim:~/snap/bitcoin-core/common/.bitcoin$ ls  
banlist.json  bitcoind.pid  blocks  chainstate  debug.log  peers.dat  settings.json  wallets  
btc@dkkim:~/snap/bitcoin-core/common/.bitcoin$
```

```
2023-10-18T00:58:50Z New outbound peer connected: version: 70015, blocks=812691, peer=10418 (block-relay-only)
2023-10-18T01:00:07Z New outbound peer connected: version: 70016, blocks=812691, peer=10419 (block-relay-only)
2023-10-18T01:04:31Z Saw new header hash=0000000000000000000000000000000000000000000000000000000000000000 height=812692
2023-10-18T01:04:31Z [net] Saw new cmpctblock header hash=0000000000000000000000000000000000000000000000000000000000000000 peer=10170
2023-10-18T01:04:31Z UpdateTip: new best=0000000000000000000000000000000000000000000000000000000000000000 height=812692 version=0x2512e000 log2_work=94.483101 tx=90666534 date='2023-10-18T01:04:19Z' progress=1.000000 cache=164.3MiB(947196txo)
2023-10-18T01:18:42Z New outbound peer connected: version: 70015, blocks=812692, peer=10420 (block-relay-only)
2023-10-18T01:28:18Z Saw new header hash=0000000000000000000000000000000000000000000000000000000000000000 height=812693
2023-10-18T01:28:18Z UpdateTip: new best=0000000000000000000000000000000000000000000000000000000000000000 height=812693 version=0x248b8000 log2_work=94.483114 tx=906668764 date='2023-10-18T01:28:09Z' progress=1.000000 cache=166.0MiB(960309txo)
2023-10-18T01:36:11Z Saw new header hash=0000000000000000000000000000000000000000000000000000000000000000 height=812694
2023-10-18T01:36:11Z [net] Saw new cmpctblock header hash=0000000000000000000000000000000000000000000000000000000000000000 peer=10170
2023-10-18T01:36:11Z UpdateTip: new best=0000000000000000000000000000000000000000000000000000000000000000 height=812694 version=0x20a00000 log2_work=94.483128 tx=906670023 date='2023-10-18T01:35:50Z' progress=1.000000 cache=166.3MiB(962797txo)
2023-10-18T01:45:40Z Saw new header hash=0000000000000000000000000000000000000000000000000000000000000000 height=812695
2023-10-18T01:45:40Z [net] Saw new cmpctblock header hash=0000000000000000000000000000000000000000000000000000000000000000 peer=10170
2023-10-18T01:45:40Z UpdateTip: new best=0000000000000000000000000000000000000000000000000000000000000000 height=812695 version=0x20600000 log2_work=94.483142 tx=906671128 date='2023-10-18T01:45:00Z' progress=1.000000 cache=167.3MiB(970979txo)
```

† Have reverence for God, and obey his commands, because this is all that man was created for (Ecclesiastes 12:13)

Windows



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debug.log - Notepad

File Edit Format View Help












```
2023-10-16T04:49:23Z [net] Saw new cmpctblock header hash=000000000000000003a78a0d8f974fbe07ed05defca3b2bfb46824ccbc7eda peer=99
2023-10-16T04:49:27Z UpdateTip: new best=00000000000000000003a78a0d8f974fbe07ed05defca3b2bfb46824ccbc7eda height=812414 version=0x20a00004
2023-10-16T04:50:47Z New outbound peer connected: version: 70016, blocks=812414, peer=345 (block-relay-only)
2023-10-16T04:50:55Z Saw new header hash=0000000000000000003e74c41cbbdf28e72950704ef00a758193c76f5d792bc height=812415
2023-10-16T04:50:55Z [net] Saw new cmpctblock header hash=0000000000000000003e74c41cbbdf28e72950704ef00a758193c76f5d792bc peer=99
2023-10-16T04:50:58Z UpdateTip: new best=0000000000000000003e74c41cbbdf28e72950704ef00a758193c76f5d792bc height=812415 version=0x3fff0000
2023-10-16T04:59:19Z New outbound peer connected: version: 70016, blocks=812415, peer=347 (block-relay-only)
2023-10-16T05:04:34Z New outbound peer connected: version: 70016, blocks=812415, peer=348 (block-relay-only)
2023-10-16T05:10:50Z New outbound peer connected: version: 70016, blocks=812415, peer=349 (block-relay-only)
2023-10-16T05:24:23Z Potential stale tip detected, will try using extra outbound peer (last tip update: 2005 seconds ago)
2023-10-16T05:24:25Z New outbound peer connected: version: 70016, blocks=812415, peer=352 (outbound-full-relay)
```

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Name	Date modified	Type
blocks	2023-10-18 오전 4:20	File folder
chainstate	2023-10-18 오전 10:36	File folder
wallets	2023-10-14 오후 10:11	File folder
.lock	2023-10-11 오후 9:38	LOCK File
banlist.json	2023-10-11 오후 9:38	JSON File
bitcoin.conf	2023-10-17 오후 5:35	CONF File
bitcoind.pid	2023-10-15 오전 7:27	PID File
debug.log	2023-10-18 오전 10:28	Text Document
fee_estimates.dat	2023-10-14 오후 10:13	DAT File
mempool.dat	2023-10-14 오후 10:13	DAT File
peers.dat	2023-10-18 오전 10:47	DAT File
settings.json	2023-10-15 오전 7:27	JSON File

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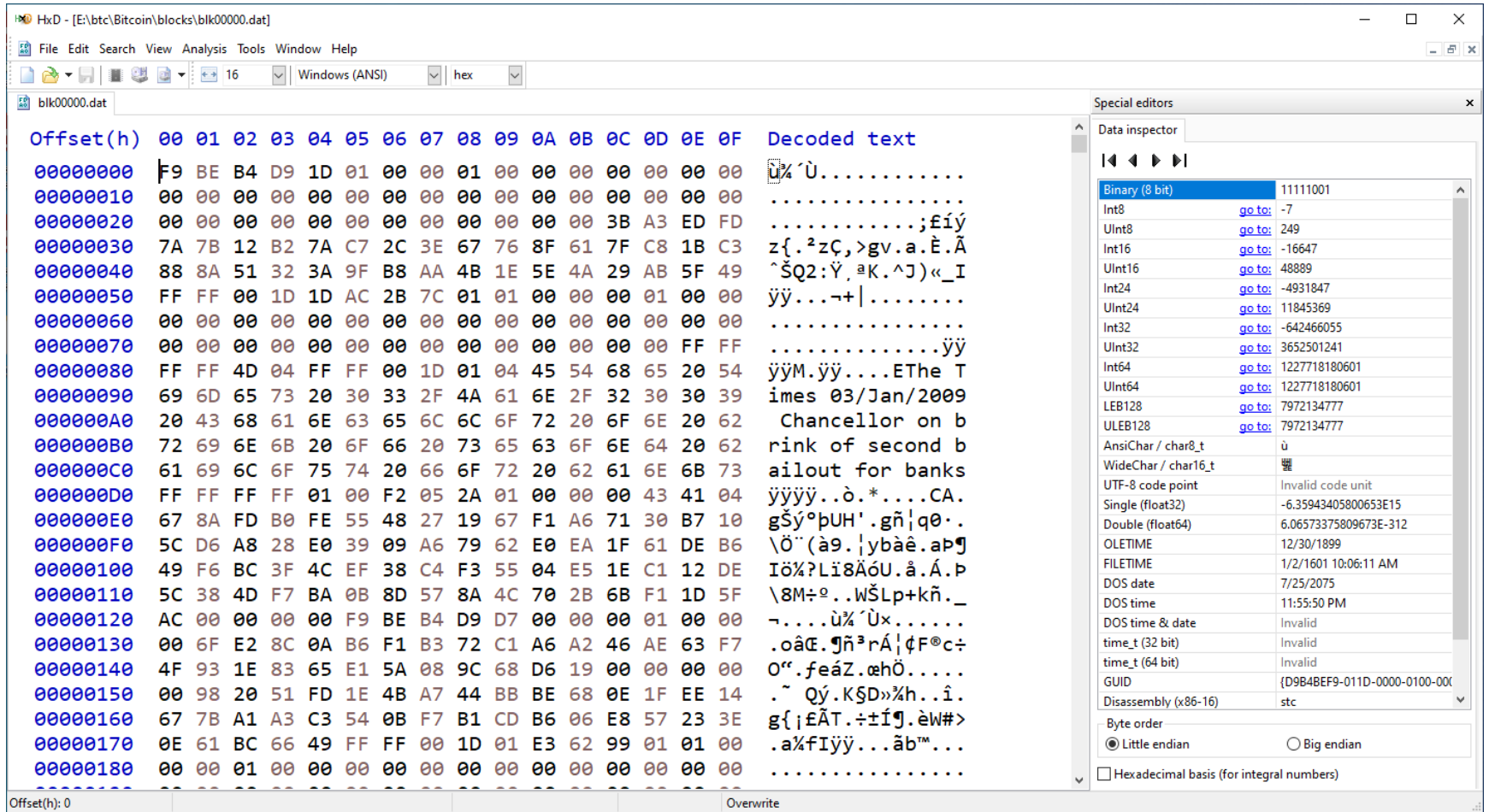
blkNNNNN.dat / revNNNNN.dat

Bitcoin > blocks		Search blocks	
Name	Date modified	Type	Size
 blk03883.dat	2023-10-16 오후 2:57	DAT File	129,792 KB
 blk03884.dat	2023-10-17 오전 4:44	DAT File	130,663 KB
 blk03885.dat	2023-10-17 오후 3:01	DAT File	130,172 KB
 blk03886.dat	2023-10-18 오전 4:20	DAT File	130,346 KB
 blk03887.dat	2023-10-18 오전 10:45	DAT File	65,536 KB
 rev00000.dat	2023-10-11 오후 10:17	DAT File	19,045 KB
 rev00001.dat	2023-10-11 오후 10:19	DAT File	16,571 KB
 rev00002.dat	2023-10-11 오후 10:20	DAT File	15,900 KB
 rev00003.dat	2023-10-11 오후 10:21	DAT File	16,109 KB
 rev00004.dat	2023-10-11 오후 10:22	DAT File	16,433 KB
 rev00005.dat	2023-10-11 오후 10:24	DAT File	17,313 KB

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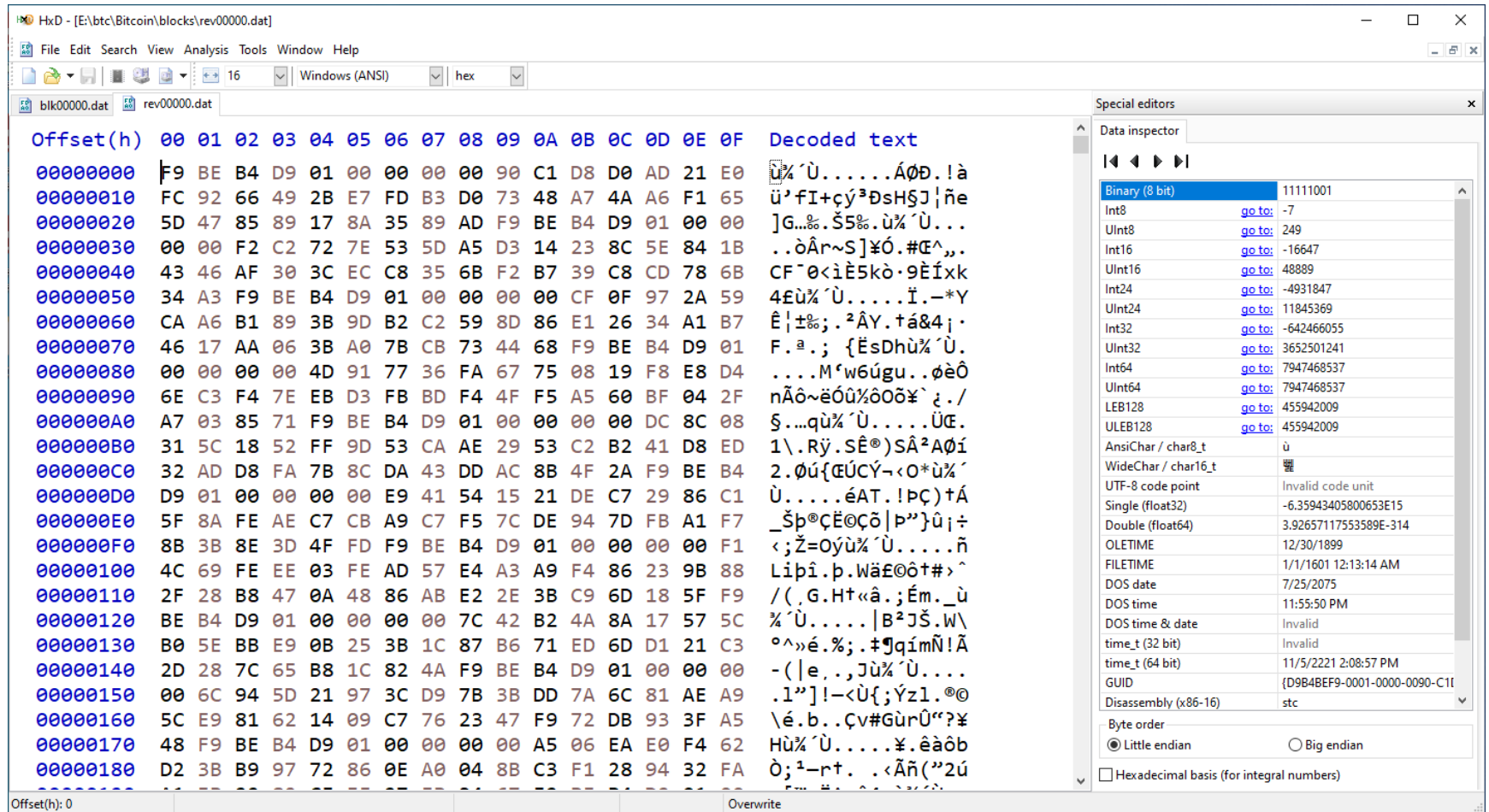
- blk00000.dat
 - Storing block data and managing the entire history of the blockchain
- rev00000.dat
 - Primarily focused on supporting database searches and indexing

blk00000.dat



† Have reverence for God, and obey his commands, because this is all that man was created for (Ecclesiastes 12:13)

rev00000.dat



† Have reverence for God, and obey his commands, because this is all that man was created for (Ecclesiastes 12:13)

Electrum



<https://electrum.org/>

Latest release: Electrum-4.4.6

[Release notes](#) - [Previous releases](#)

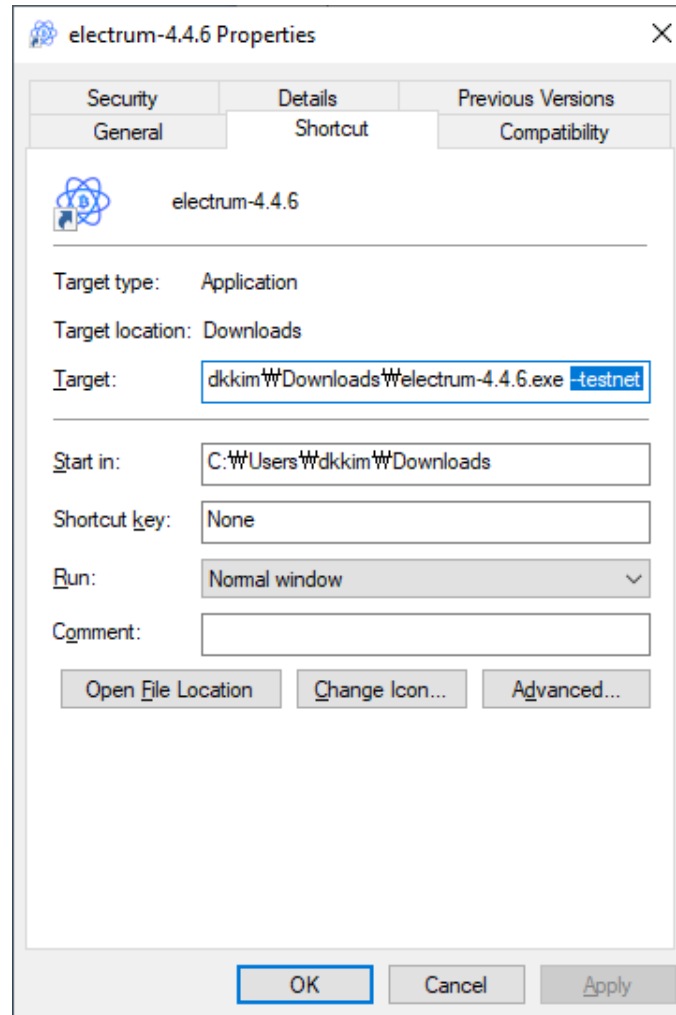
Our executables are reproducible, and are signed independently by several builders.
The current executables have been signed by [ThomasV](#), [SomberNight](#), [Emzy](#).

Sources and Binaries

 Python (3.8 and higher)	Electrum-4.4.6.tar.gz
 Linux	Appimage
 Windows (8.1 and higher)	Standalone Executable
	Windows Installer
	Portable version (security advice)

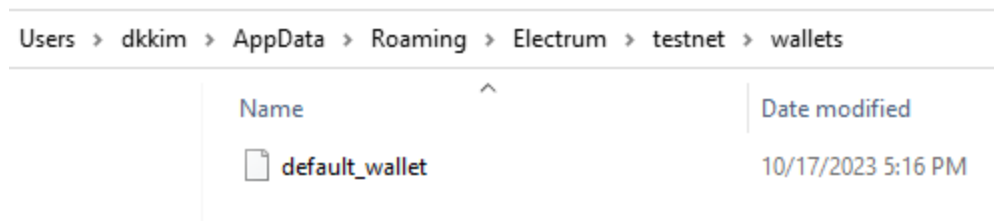
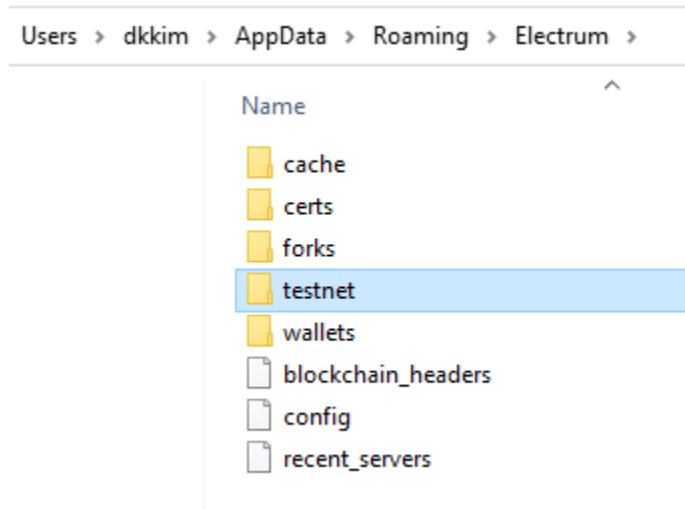
† Have reverence for God, and obey his commands, because this is all that man was created for (Ecclesiastes 12:13)

electrum-4.4.6.exe --testnet



Wallet

- C:\Users\dkkim\AppData\Roaming\Electrum\wallets

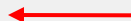


**How do you want to connect to a server?**

Electrum communicates with remote servers to get information about your transactions and addresses. The servers all fulfill the same purpose only differing in hardware. In most cases you simply want to let Electrum pick one at random. However if you prefer feel free to select a server manually.

☒ Auto connect

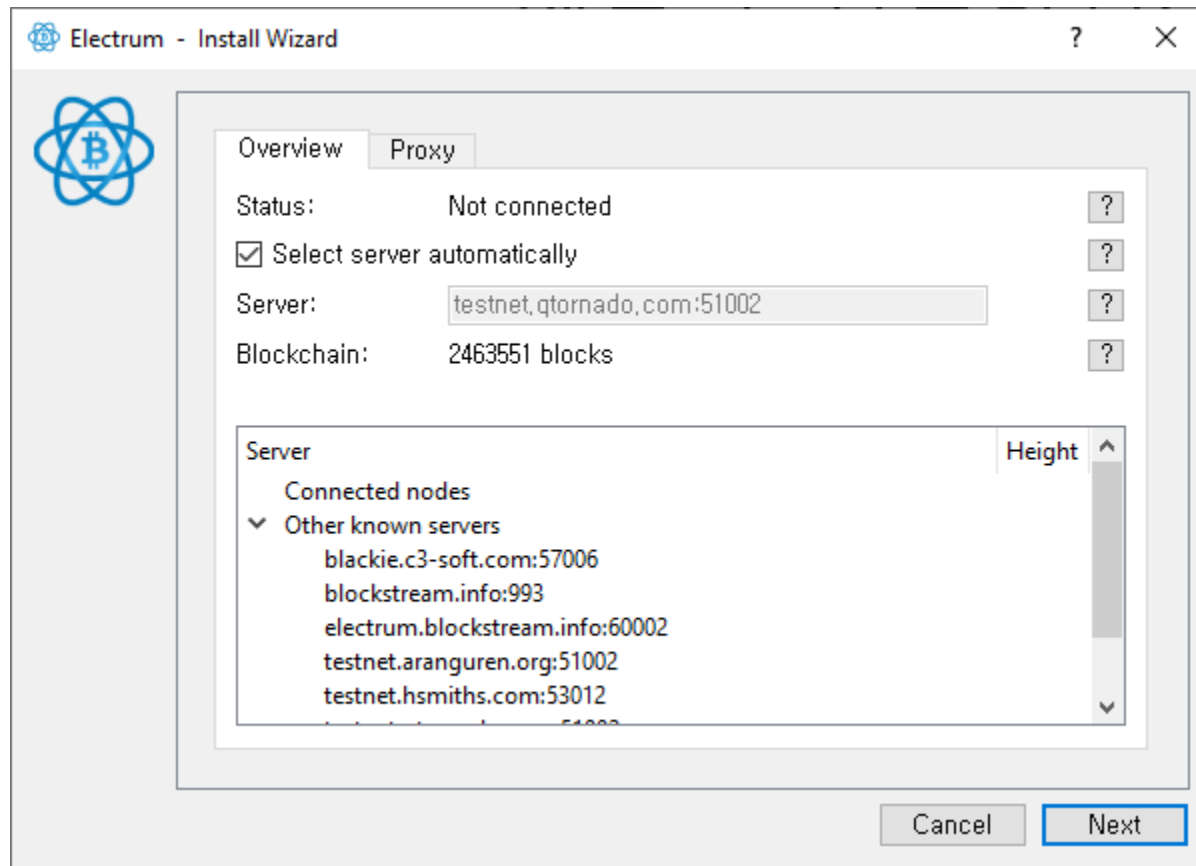
☐ Select server manually



Cancel

Next

testnet.qtornado.com:51002





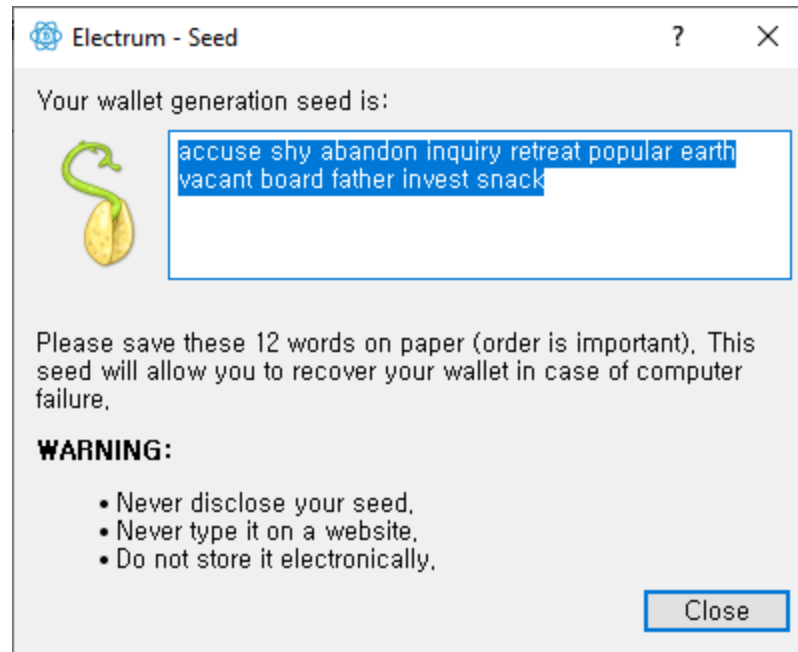
Electrum wallet

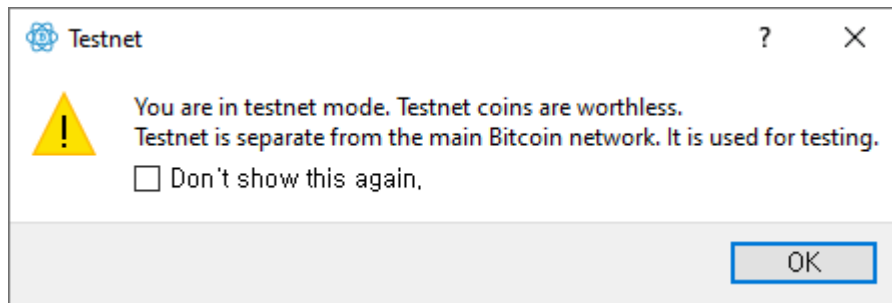
Wallet:

This file does not exist,
Press 'Next' to create this wallet, or choose another file.

Seed

- accuse shy abandon inquiry retreat popular earth vacant board father invest snack





Electrum Testnet 4.4.6 - default_wallet [standard]

File Wallet View Tools Help

 History  Send  Receive  Channels

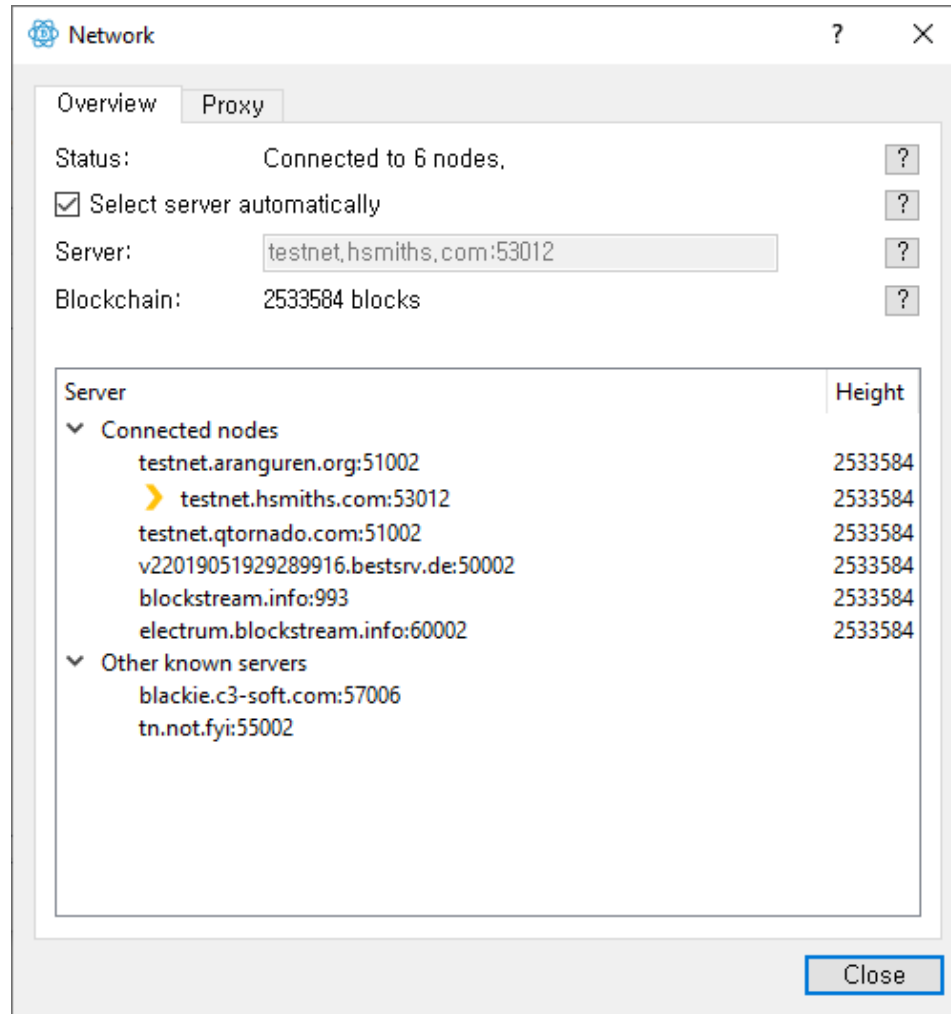


Date	Description	Amount	Balance
------	-------------	--------	---------

Balance: 0. mBTC



Tools | Network



Description

Requested amount mBTC

Expiry 1 day

Balance: 0. mBTC

Electrum Testnet 4.4.6 - default_wallet [standard]

File Wallet View Tools Help

History Send Receive Channels

Bitcoin URI

Description

coinaucet.eu

Requested amount

mBTC

Expiry

1 day

Clear

Create Request

Balance: 0. mBTC



Description

Requested amount

Expiry


Clear

Create Request

 Bitcoin URI

bitcoin:tb1qk5ju5k5suucsf4my
r5xq09ymxlqtsfe?
message=coinaucet.eu&time=1
64&exp=86400

Requests

Date	Description	Amount	Status
2023-10-17 16:31	coinaucet.eu		 Expires in about 1 day

Balance: 0. mBTC



tb1qk5ju5k5suucsf4mync3ws6wr5xq09ymxlqtsfe

Electrum Testnet 4.4.6 - default_wallet [standard]



File Wallet View Tools Help

History Send Receive Channels

Description


Requested amount

Expiry





Address  

tb1qk5ju5k5suucsf4mync3ws6wr5xq09ymxlqtsfe

Requests

Date	Description	Amount	Status
2023-10-17 16:31	coinaucet.eu		 Expires in about 24 hours

Balance: 0. mBTC


coinfaucet.eu/en



tb1qk5ju5k5suucsf4mync3ws6wr5xq09ymxlqtsfe

Bitcoin testnet3 faucet

Donate?



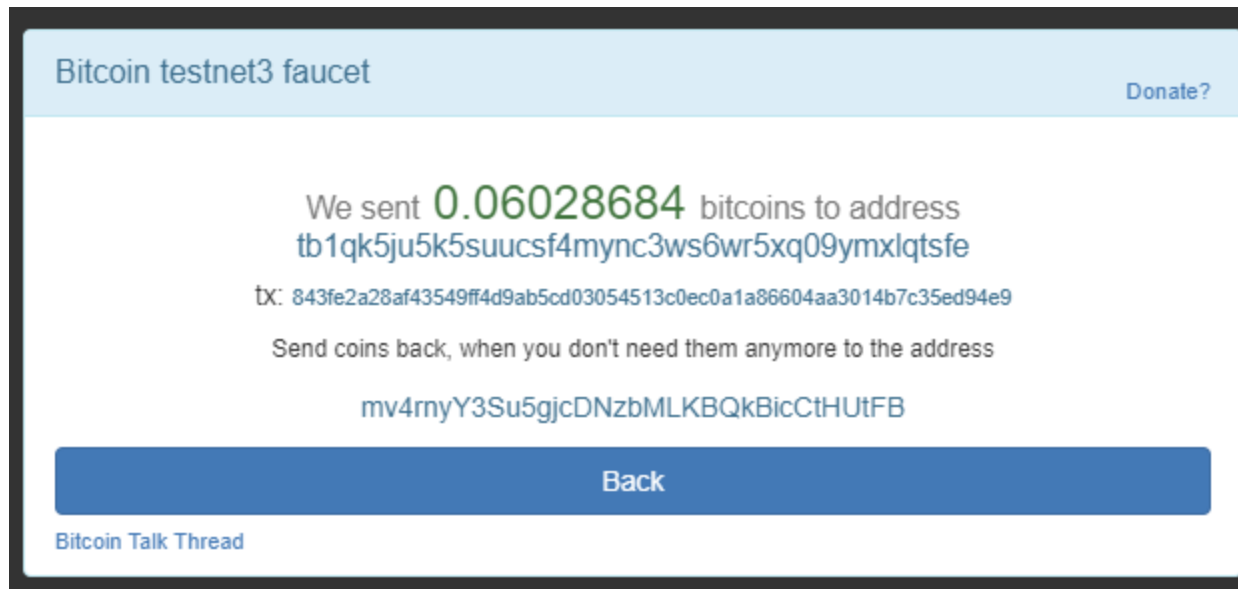
Get bitcoins!

Bitcoin Talk Thread

We sent 0.06028684 bitcoins to address `tb1qk5ju5k5suucsf4mync3ws6wr5xq09ymxlqtsfe`

tx: [843fe2a28af43549ff4d9ab5cd03054513c0ec0a1a86604aa3014b7c35ed94e9](#)

Send coins back, when you don't need them anymore to the address
`mv4rnyY3Su5gjcDNzbMLKBQkBicCtHUtFB`



We sent 0.06028684 bitcoins to address `tb1qk5ju5k5suucsf4mync3ws6wr5xq09y
mx1qtsfe`

tx: [843fe2a28af43549ff4d9ab5cd03054513c0ec0a1a86604aa3014b7c35ed94e9](#)

Send coins back, when you don't need them anymore to the address
`mv4rnyY3Su5gjcDNzbMLKBQkBicCtHUtFB`

mv4rnyY3Su5gjcDNzbMLKBQkBicCtHUtFB

Bitcoin testnet3 faucet

Donate?

We sent **0.06028684** bitcoins to address
tb1qk5ju5k5suucsf4mync3ws6wr5xq09ymxlqtsfe

tx: 843fe2a28af43549ff4d9ab5cd03054513c0ec0a1a86604aa3014b7c35ed94e9

Send coins back, when you don't need them anymore to the address

mv4rnyY3Su5gjcDNzbMLKBQkBicCtHUtFB

Back

Bitcoin Talk Thread


Description

Requested amount mBTC

Expiry 1 day

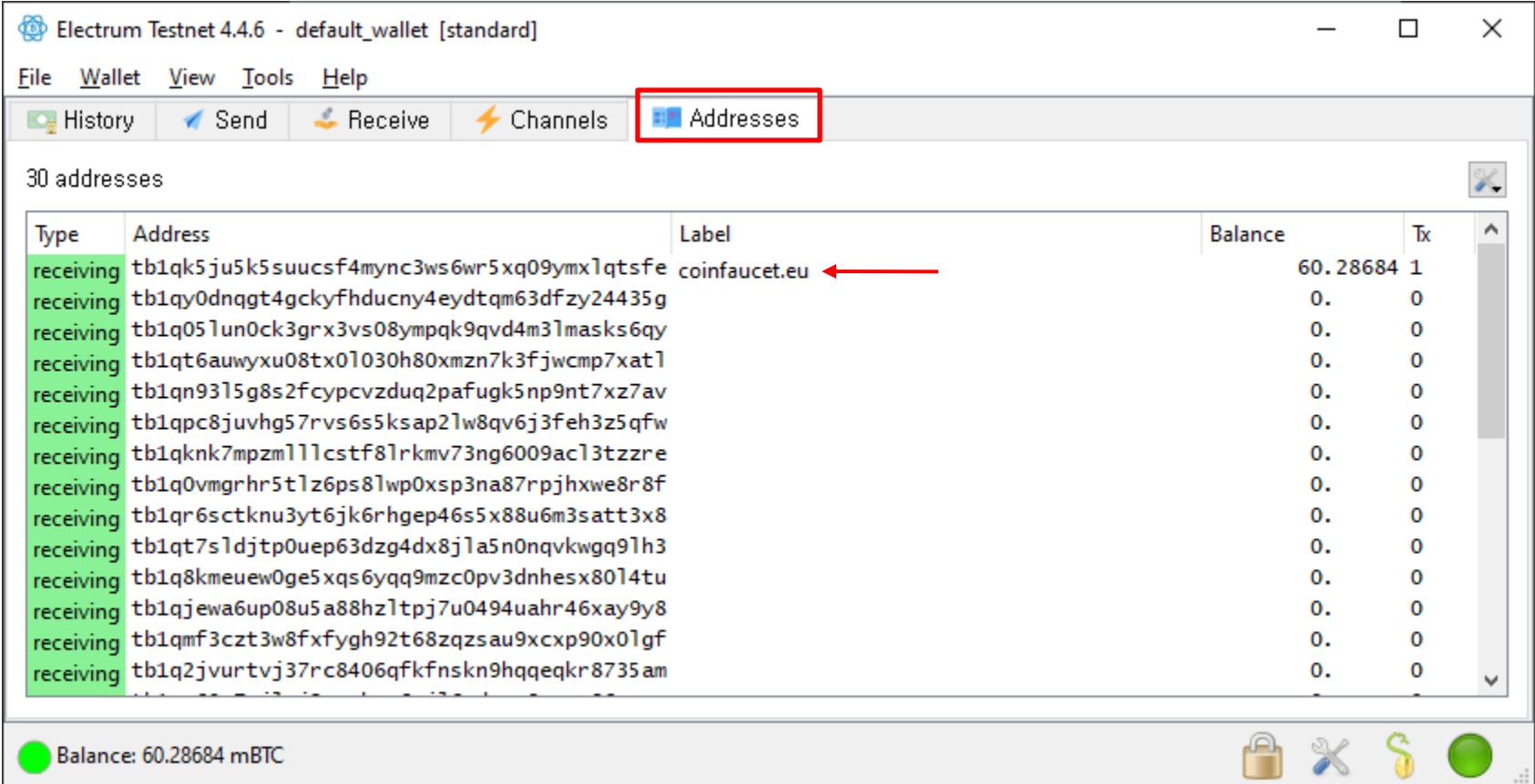
Clear

Create Request

 Balance: 60.28684 mBTC



View | Address



Electrum Testnet 4.4.6 - default_wallet [standard]

File Wallet View Tools Help

History Send Receive Channels **Addresses**

30 addresses

Type	Address	Label	Balance	Tx
receiving	tb1qk5ju5k5suucsf4mync3ws6wr5xq09ymx1qtsfe	coinfaucet.eu	60.28684	1
receiving	tb1qy0dnqgt4gckyfhducny4eydtqm63dfzy24435g		0.	0
receiving	tb1q051un0ck3grx3vs08ympqk9qvd4m3lmask6qy		0.	0
receiving	tb1qt6auwyxu08tx01030h80xmzn7k3fjwcmp7xat1		0.	0
receiving	tb1qn93l5g8s2fcypcvzduq2pafugk5np9nt7xz7av		0.	0
receiving	tb1qpc8juvhg57rvs6s5ksap2l7w8qv6j3feh3z5qfw		0.	0
receiving	tb1qknk7mpzm1l1cstf8lrmv73ng6009ac13tzzre		0.	0
receiving	tb1q0vmgrhr5t1z6ps8lwp0xsp3na87rpjhxwe8r8f		0.	0
receiving	tb1qr6sctknu3yt6jk6rhgep46s5x88u6m3satt3x8		0.	0
receiving	tb1qt7sldjtp0uep63dzg4dx8jl5n0nqvkwgq9lh3		0.	0
receiving	tb1q8kmeu0ge5xqs6yqq9mzc0pv3dnhesx80l4tu		0.	0
receiving	tb1qjewa6up08u5a88hzltpj7u0494uahr46xay9y8		0.	0
receiving	tb1qmf3czt3w8xfygh92t68zqsau9xcxp90x0l9gf		0.	0
receiving	tb1q2jvurtvj37rc8406qfkfnskn9hqqeqkr8735am		0.	0

Balance: 60.28684 mBTC

tb1qk5ju5k5suucsf4mync3ws6wr5xq09ymx1qtsfe

View | Coins

Electrum Testnet 4.4.6 - default_wallet [standard]

File Wallet View Tools Help

History Send Receive Channels Addresses Coins

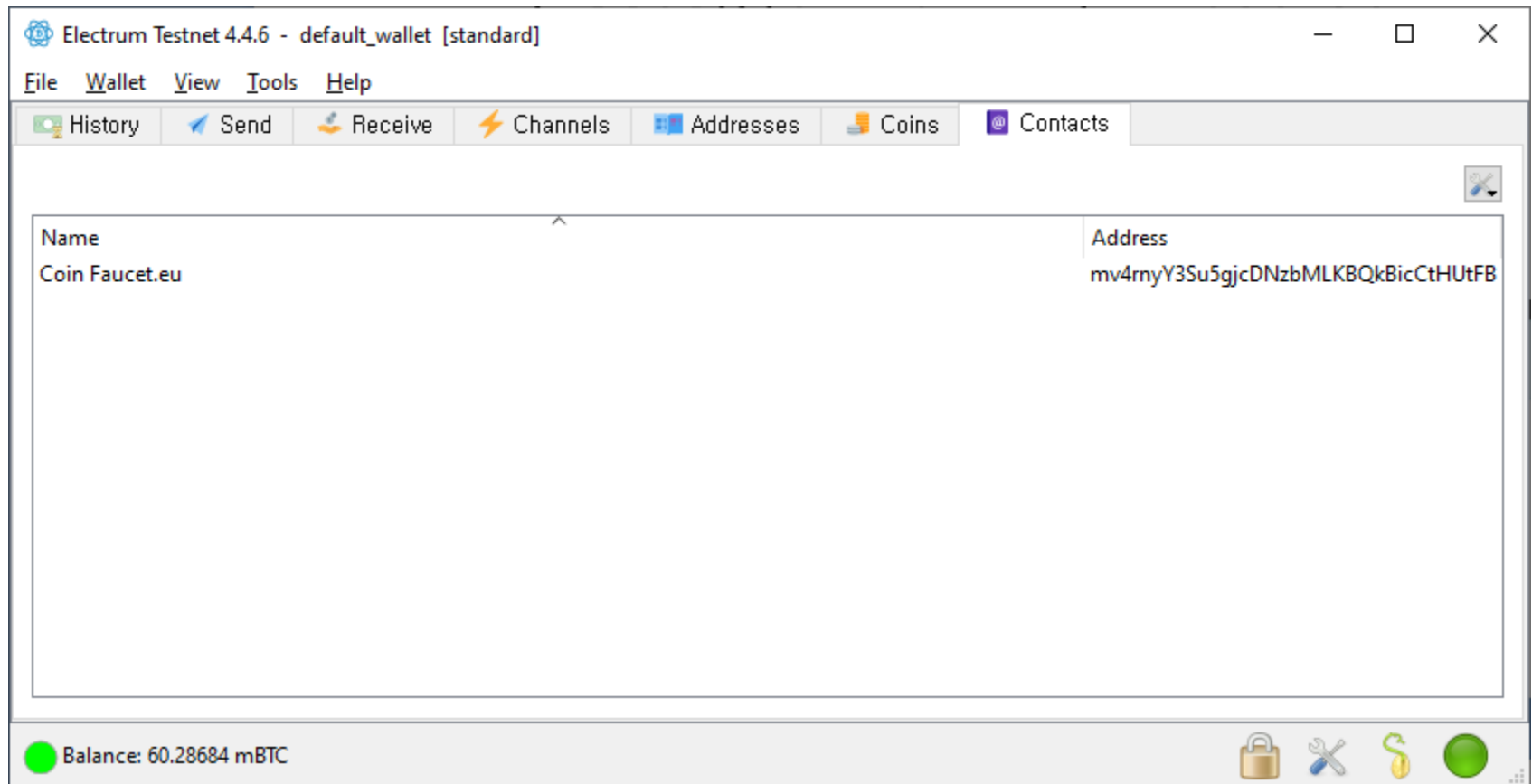
1 unspent transaction outputs


Output point	Address	Label	Amount	Parents
2533588x3x0	tb1qk5ju5k5suucsf4mync3ws6wr5xq09ymxlqtsfe	coinfaucet.eu	60.28684	1

Balance: 60.28684 mBTC

Icons: Lock, Wrench, Refresh, Green Circle

View | Contacts



 New Contact?×

New Contact:

Address

Name

Warning!

Do not paste code here that you don't understand. Executing the wrong code could lead to your coins being irreversibly lost.

Click here to hide this message.

preventing attack message popups from malicious servers.

Please go only to the official electrum site at <https://electrum.org/#download>

There are currently 10 public electrum servers.

This server has 90 anonymous electrum connections.


As of Tue Oct 17 07:00:03 AM UTC 2023 there are 43 transactions in the memory pool

Last block: 8.8 minutes ago; current height: 2,533,583

Current exchange rate = 0.00 USD/168; typical TX size = 0 bytes


Estimated miner fee for confirmation in 2 blocks (0.33 hours) = 1.0 sat/B (168.0 sat or \$0.000)

>>>

 Balance: 60.28684 mBTC





Wallet | Information

 **Wallet Information** ? ×

Wallet name:	default_wallet
File created:	using 4.4.6, on 2023-10-17
Wallet type:	standard
Script type:	p2wpkh
Seed available:	True (segwit)
Keystore type:	bip32
Lightning:	Enabled
Lightning Node ID:	

03314ef718da982323de6ecbd00bbef4f375274c8223e0cde6c56df88773d0ba87



Master Public Key

vpub5VQp9GQd1bkTfNTzvxR17fSztw1RsrRaqA4Qc8ncMQAfZkujSzZx1qv4GqFXwambyQtG4krEszbtEi7qs5WdJ2hQRf8TVug2A39JALpYem1



Derivation path: m/0h

BIP32 root fingerprint: a17c9850

Close

Pay to mv4rnyY3Su5gjcDNzbMLKBQkBicCtHUtFB

Description Send back Faucet,en

Amount 20 mBTC

Max

Clear

Save

Pay...

Balance: 60.28684 mBTC




Electrum Testnet 4.4.6 - default_wallet [standard]

File Wallet View Tools Help

History Send Receive Channels Addresses Coins Contacts Console

1 transactions

Date	Description	Amount	Balance
 2023-10-17 16:37	coinfaucet.eu ← Click	+60.28684	60.28684

Balance: 60.28684 mBTC





Transaction 843fe2a28af43549ff4d9ab5cd03054513c0ec0a1a86604aa3014b7c35ed94e9



Transaction ID:

843fe2a28af43549ff4d9ab5cd03054513c0ec0a1a86604aa3014b7c35ed94e9



Description:

coinfaucet.eu



Status: 2 confirmations

Date: 2023-10-17 16:37

Amount received: 60,28684 mBTC

Fee: unknown

Size: 141 bytes

Replace by fee: True

LockTime: 2533587 (height)

At block height: 2533588


Inputs (1)

bdd20e4ad0:1

<address unknown>

unknown

Outputs (2)

 = Wallet Address

2533588x3x0

tb1qk5ju5k5suucsf4mync3ws6wr5xq09ymx1qtsfe

60.28684

2533588x3x1

tb1qfz6ct78mhcc2q8xqxw20jvch7tps5xvpj3

81222.45711

Share

Add to History

Sign

Broadcast

Close

File Wallet View Tools Help

History Send Receive Channels Addresses Coins Contacts Console

Name	Address
Coin Faucet.eu	4rnyY3Su5gjcDNzbMLKBQkBicCtHUtFB

Copy Name
Edit Name
Pay to
Delete
View on block explorer

Balance: 60.28684 mBTC



Pay to Coin Faucet.eu <mv4rnyY3Su5gjcDNzbMLKBQkBicCtHUtFB>

Description Send back Faucet,en

Amount | mBTC

Max


Clear

Save

Pay...

Balance: 60.28684 mBTC



 Preferences ? ×

Appearance Units **Fiat** Lightning Misc


Base unit: sat

Zeros after decimal point: 0

☐ Show Lightning amounts with msat precision

☐ Add thousand separators to bitcoin amounts

Close

 Preferences ? ×

Appearance Units **Fiat** Lightning Misc

Fiat currency: USD

Source: CoinGecko

☐ Download historical rates

Close

Pay to Coin Faucet.eu <mv4rnyY3Su5gjcDNzbMLKBQkBicCtHUtFB>

Description Send back Faucet,en

Amount sat USD Max

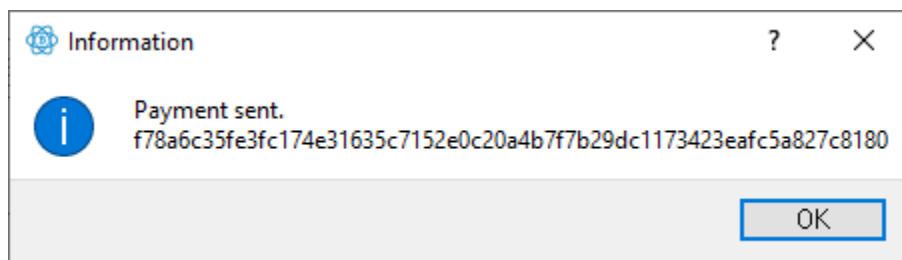
Clear


Save

Pay...

Balance: 6028684. sat (1 716.02 USD) 1000 sat~0.28 USD






 New Transaction

?

×



Amount to be sent: 20, mBTC (570,25 USD)

Mining Fee: 1 sat/byte

x 144 bytes = 0,00184 mBTC

≈ 0,05 USD

Fee target: Within 5 blocks

ETA

▼

Cancel

Preview

OK

Pay to



Description

Amount

mBTC

USD

Max

Clear

Save

Pay...

Invoices

Date	Description	Amount	Status
2023-10-17 17:13	Send back Faucet.en	20.	Unconfirmed

Balance: 40.285 mBTC (1 147.01 USD) 1 mBTC~28.47 USD



2 transactions

Date	Description	Amount	Balance
 2023-10-17 17:16	Send back Faucet.en	-20.00184	40.285
 2023-10-17 16:37	coinafaucet.eu	+60.28684	60.28684

 Balance: 40.285 mBTC (1 147.01 USD) 1 mBTC~28.47 USD



Transaction f78a6c35fe3fc174e31635c7152e0c20a4b7f7b29dc1173423eafc5a827c8180



Transaction ID:

f78a6c35fe3fc174e31635c7152e0c20a4b7f7b29dc1173423eafc5a827c8180



Description:

Send back Faucet,en



Status: 1 confirmations

Date: 2023-10-17 17:16

Amount sent: 20, mBTC (569,45 USD)

Fee: 0,00184 mBTC (0,05 USD) (1,3 sat/byte)

Size: 144 bytes

Replace by fee: True

LockTime: 2533580 (height)

At block height: 2533595

Inputs (1)

2533588x3x0

tb1qk5ju5k5suucsf4mync3ws6wr5xq09ymxlqtsfe

60.28684

Outputs (2)

■ = Wallet Address ■ = Change Address

2533595x12x0

mv4rnyY3Su5gjcDNzbMLKBQkBicCtHUtFB

20.

2533595x12x1

tb1qxhpykw5wrz0cdu69vqrjkg46z2uzxpz0z6qldk

40.285

Share

Add to History

Sign

Broadcast

Close

1 unspent transaction outputs

Output point	Address	Label	Amount	Parents
2533595x12x1	tb1qxhpykw5wrz0cdu69vgrjkg46z2uzxpz0z6g1dk	Send back Faucet.en	40.285	2

Balance: 40.285 mBTC (1 147.01 USD) 1 mBTC~28.47 USD



2 transactions

Date	Description	Amount	Balance
✓ 2023-10-17 17:16	Send back Faucet.en	-20.00184	40.285
✓ 2023-10-17 16:37	coinafaucet.eu	+60.28684	60.28684

Balance: 40.285 mBTC (1 143.19 USD) 1 mBTC~28.38 USD



