

# EPIC Cash GUI Wallet v5.x.x

## Quick Start Guide

### Overview:

This guide is to assist you in quickly getting the Wallet App downloaded, installed, set up, and ready to send/receive Epic Cash (EPIC). For more info on Epic Cash, you can go to <https://epiccash.com> for a complete detailed overview of the platform and technology. See Send/Receive Address discussion at the end of this guide.

### Obtaining the App:

Go to <https://github.com/EpicCash/epic-gui-wallet/releases> and download the latest Release Wallet for your OS (scroll down to the Assets section).

### Installation:

Install the Wallet App as you would any other App for your particular OS. Windows and MacOS use an installer whereas the Linux version is a stand-alone AppImage file that you simply place in a folder and run (set execute flag on file).

### First Time Run:

Once you have downloaded and installed the Wallet App, you are ready to run it for the first time where you will create a new wallet account. The first page you see is the Welcome page where you will select 'Create new wallet'.

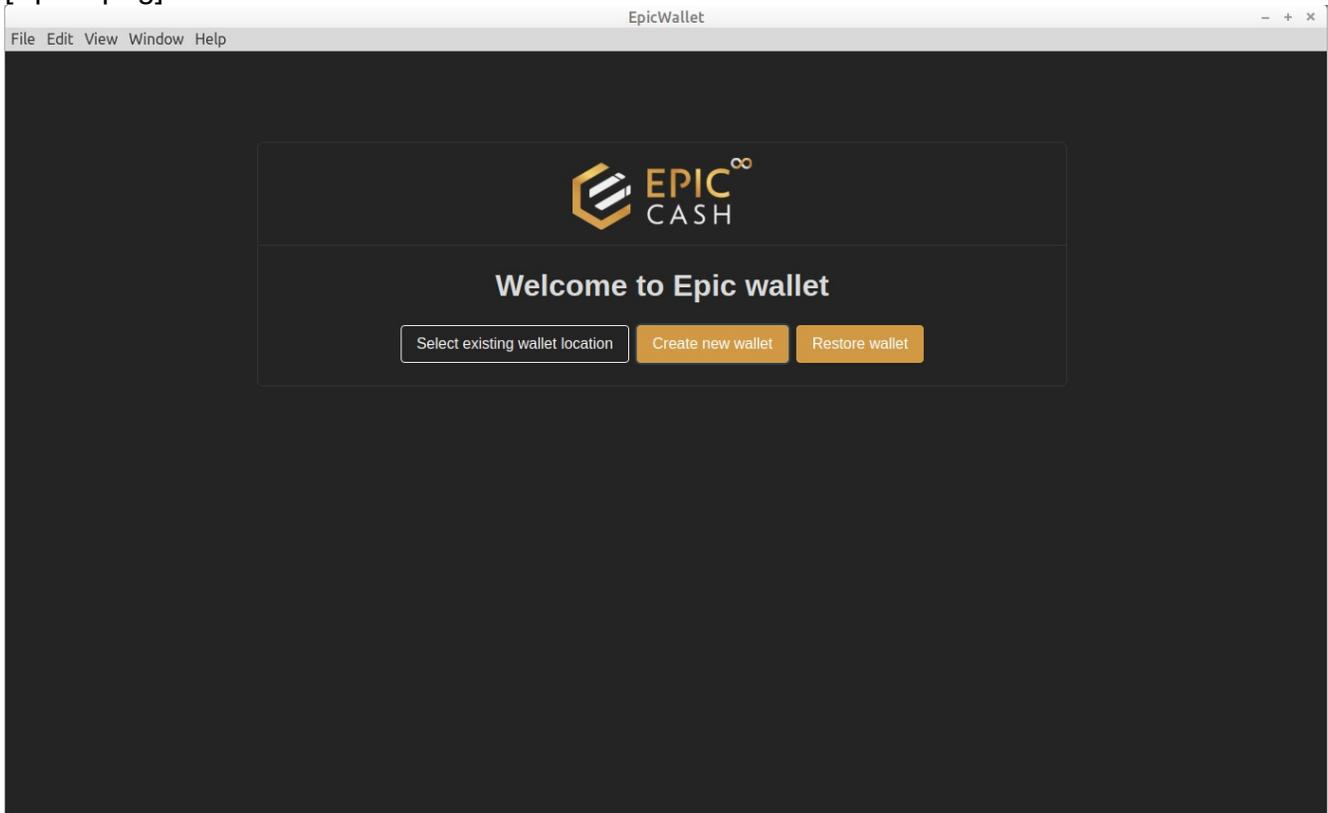
### Upgrading:

For Windows and MacOS just run the installer - it will replace the old files with new. On linux, delete the old AppImage file and use the new one.

### What's New in 5.3.0:

- Updated Transaction Status - better description of transaction steps
- Send/Receive Address for each Transaction
- Epicbox pass-through - instant transaction exchange when both wallets are connected to the same epicbox server

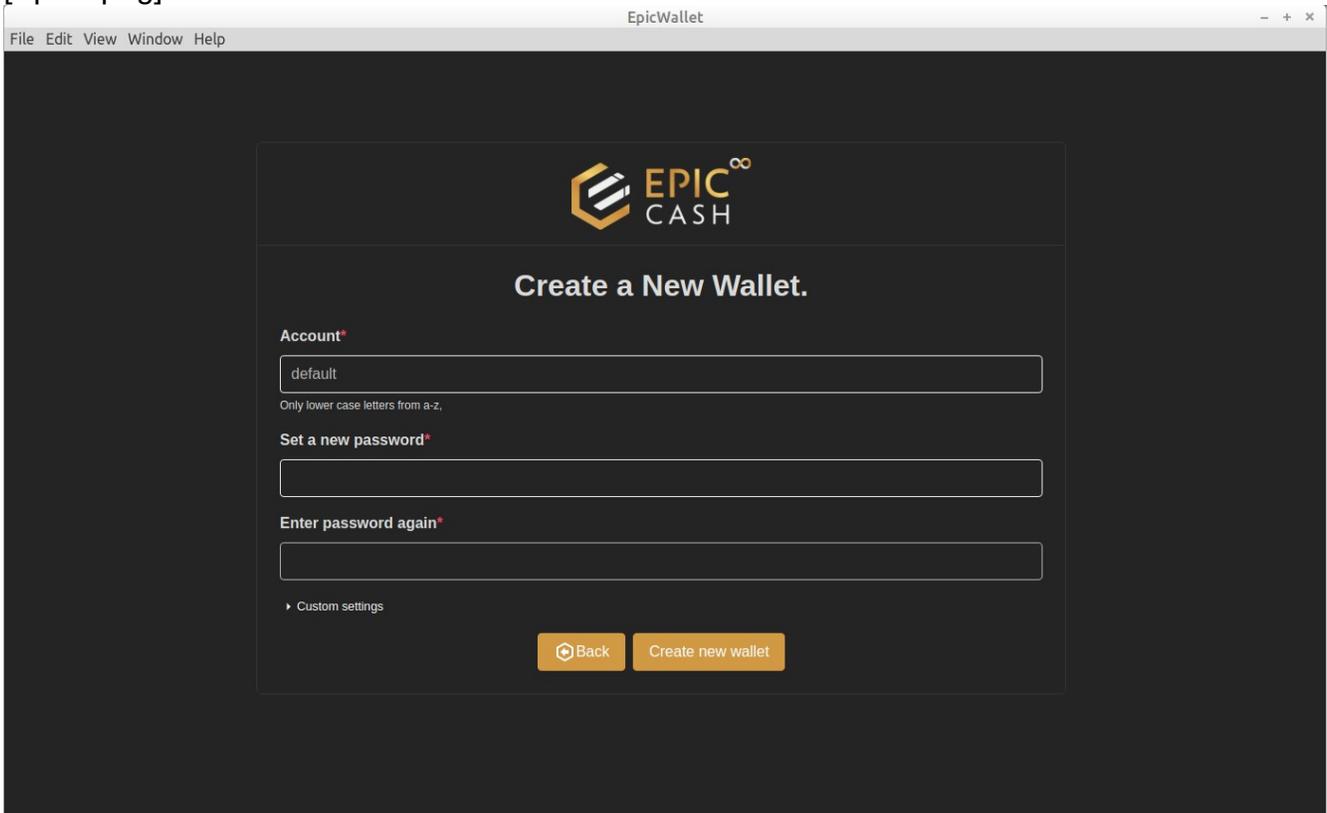
[Epic1.png]



You are then presented with the Create New Wallet page where you will enter a password for your wallet.

Leave the Account set to 'default' as this automatically creates your main wallet (and creates the .epic/main folder). You can create multiple wallet accounts (that create different folders in .epic based on the account name) using 'Create new wallet' on the Login Page later after you have gone through the initial setup. It's like creating a totally separate wallet (from default) and the GUI is just a front end to access each wallet based on what account you use to login.

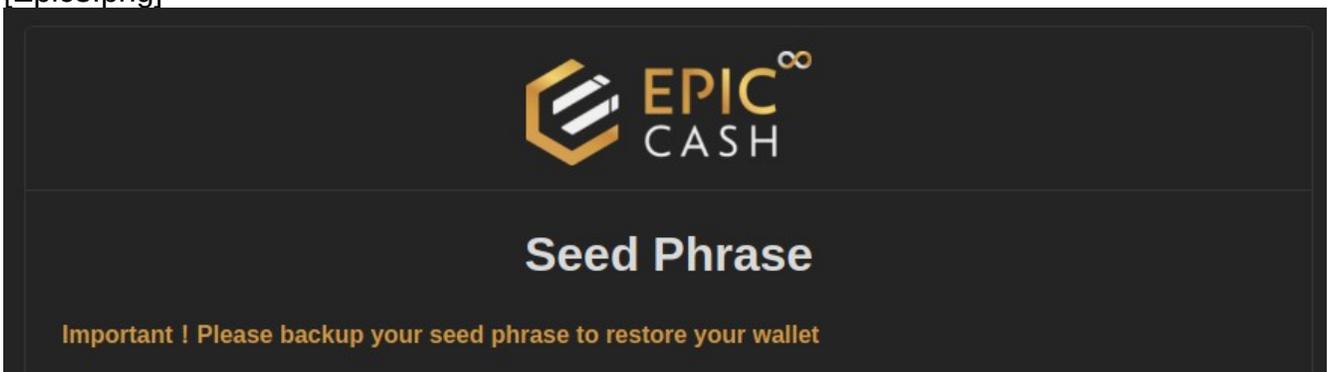
[Epic2.png]



Next you will see the Seed Phrase page. You should transfer the list of words onto paper, metal, or other physical media to store securely in case you ever need to re-create your wallet. Your seed phrase *is* your wallet, not the files in your .epic folder - so protect it in any and every way possible and never share with anyone.

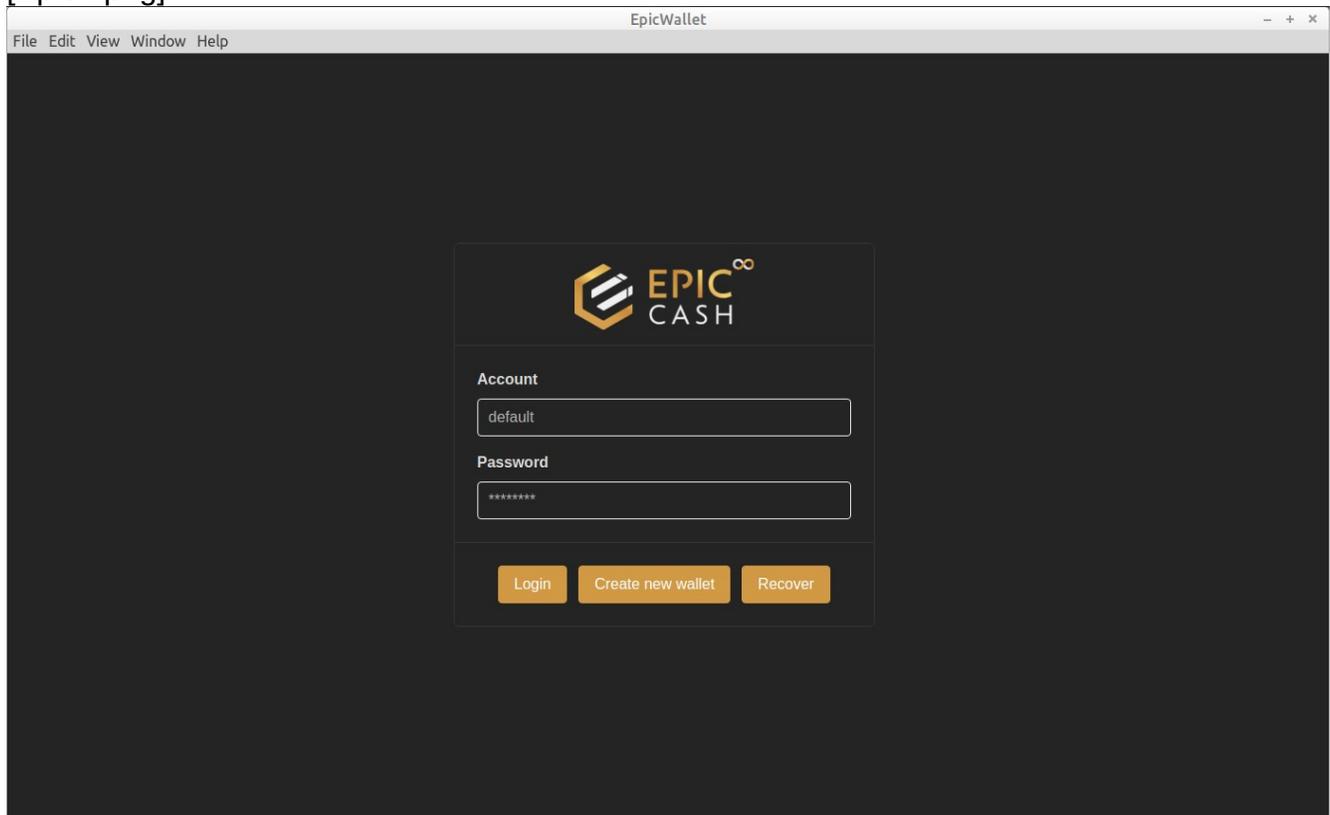
You can scan the QRcode to capture your phrase into your phone's clipboard then save to media. You can also use a password app like KeePassXC to create an entry with your seed phrase in the notes section then save the db file and copy it to a thumb drive to store remotely. After copying/scanning your phrase, click Login to continue.

[Epic3.png]



You should now see the Login page - enter your password and click Login. It may take a few seconds for the login to complete.

[Epic4.png]



Now you are on the Setup Assistant page. Enter a friendly name (shows on dashboard) then click 'Next Step'. On the first Assistant page, you can click the Back button to exit the Assistant without saving any changes. The 'Previous Step' button on the other pages takes you back a page.

[Epic5.png]

EpicWallet

File Edit View Window Help

CASH

## SETUP ASSISTANT

1 — 2 — 3

### Account information

Your name\*

Name is only internally used

Keybase

If you have a Keybase Account, you can enter it here.

Language

English

Back Next step

You can ignore the Keybase field.

On Step 1, you can leave the default 'Internal node server' or select 'External node server' from the pulldown.

Public Node Servers are available at:

<https://node.epiccash.com:3413>

<https://node.epicnet.us:3413>

<https://fastepic.eu:3413> (offline)

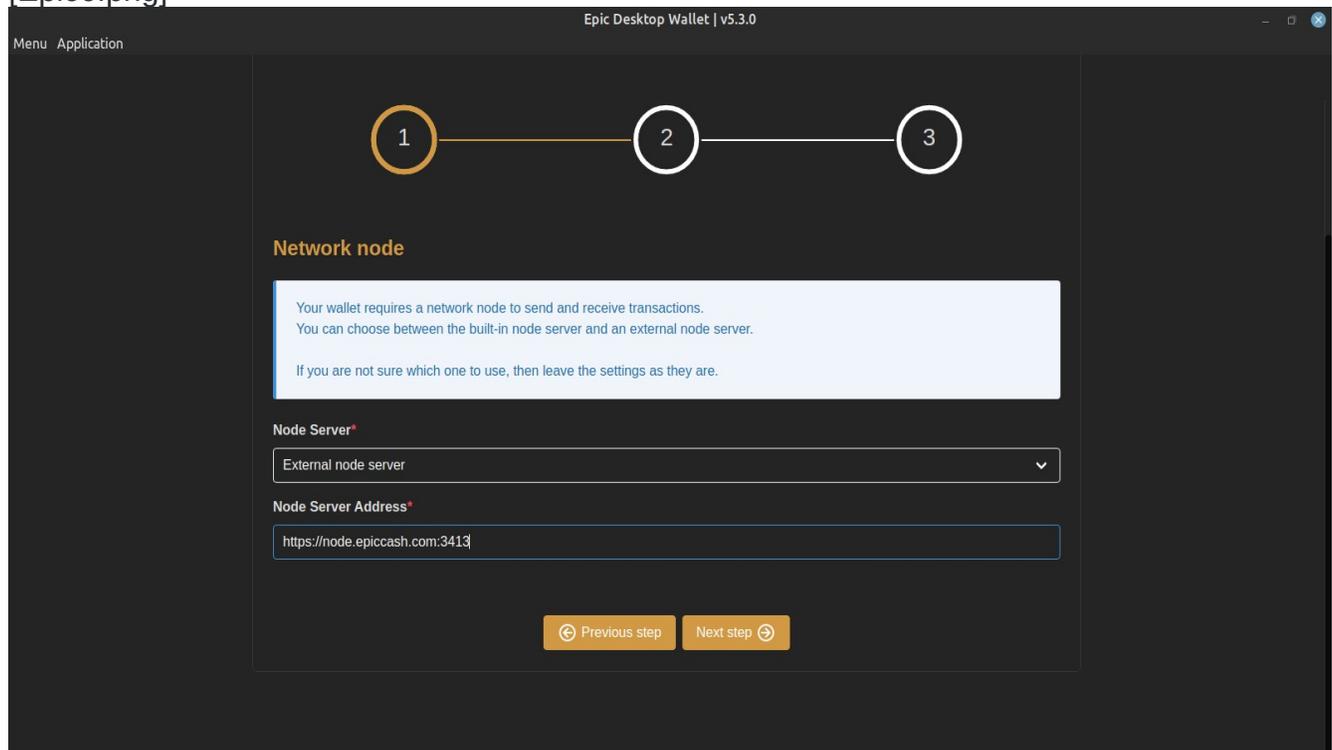
<https://btlabs.tech/node> - (Not for mobiles, no port#)

<http://epiccash.stackwallet.com:3413> (Mobile Wallet Default)

Advanced Note: Selecting an external node will save about 3Gb of disk space and reduce your CPU load (while syncing) since the internal node must sync/download the blockchain locally. Running an Internal Node helps fortify the blockchain network and should sync in about three hours on first run. You can speed up sync to 15 minutes by downloading the blockchain bootstrap file and unzipping it in your .epic/main folder (creates the chain\_data folder). Make sure your wallet isn't running while unzipping the file. Available at:

<https://bootstrap.epiccash.com/bootstrap.zip>

[Epic6.png]

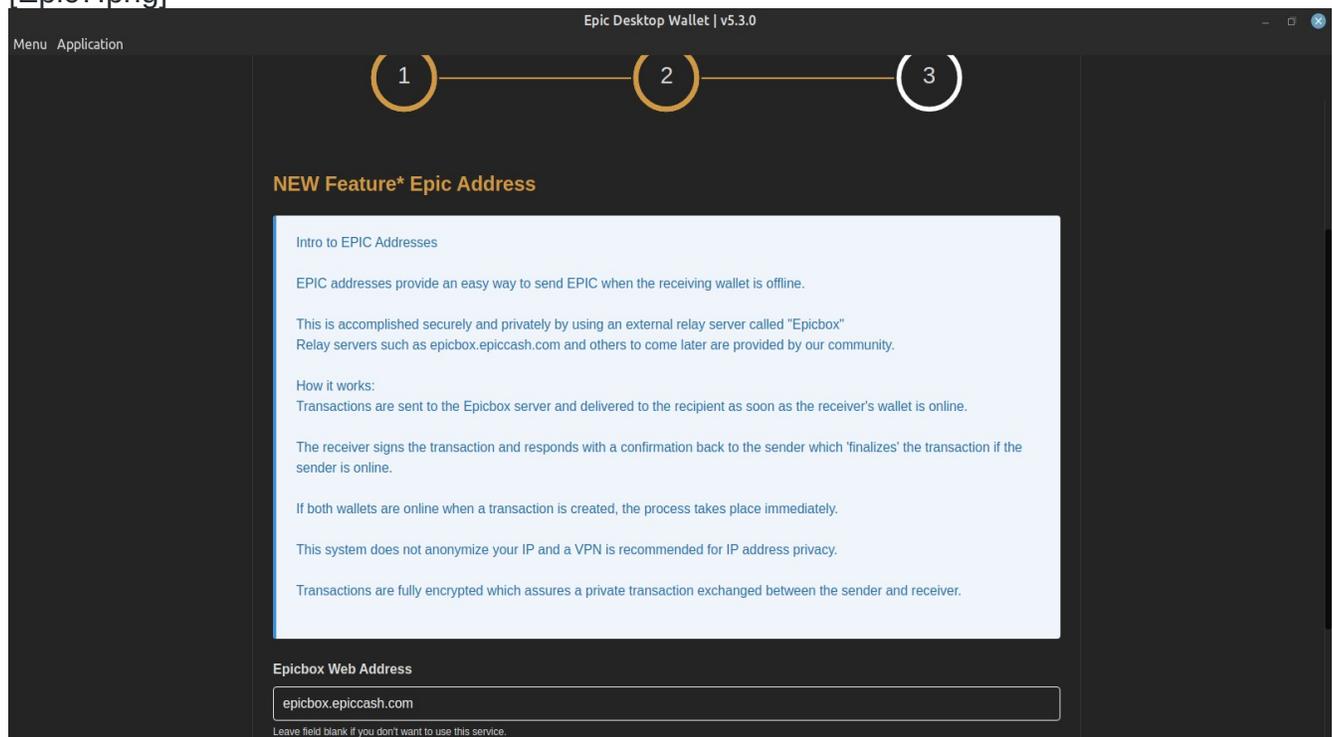


On the Step 2 page you will enter or verify your Epicbox Web Address (Epicbox Domain).

The initial setup will default to the Americas region. If you live in a different region, please enter the Epicbox Domain for your region. This becomes part of your Epicbox Receive Address so a Sender knows where to deliver your transactions (just like email).

- epicbox.epiccash.com - Americas: Atlanta, USA
- epicbox.epicnet.us - Americas: Atlanta, USA
- epicbox.fastepic.eu - EU: Poland (offline)
- epicbox.btlabs.tech - EU: Germany
- epicbox.51pool.online - EU: Finland
- epicbox.stackwallet.com - Mobile Wallets Default

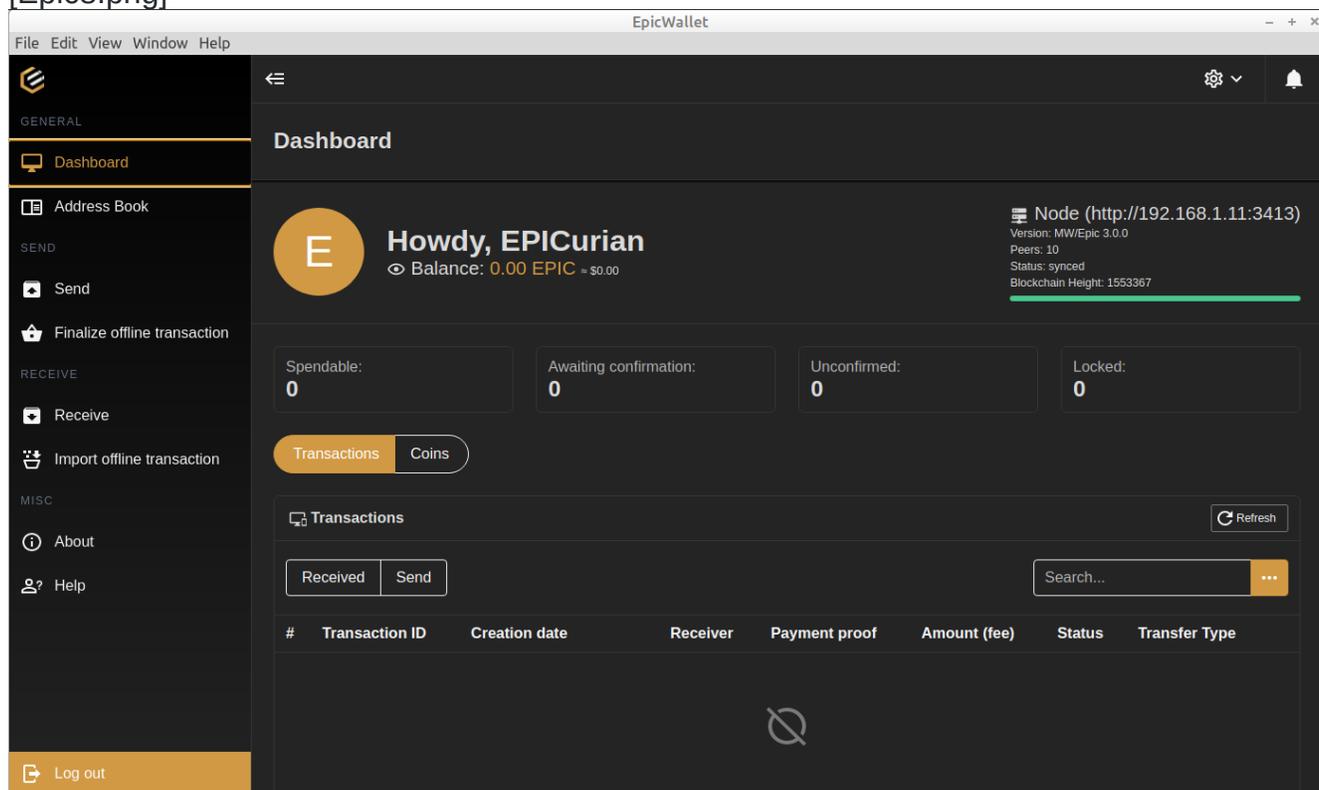
[Epic7.png]



On step 3 you will complete your settings by clicking 'Save and finish'

You are now on your Wallet Dashboard page.

[Epic8.png]



## EPIC Wallet Dashboard:

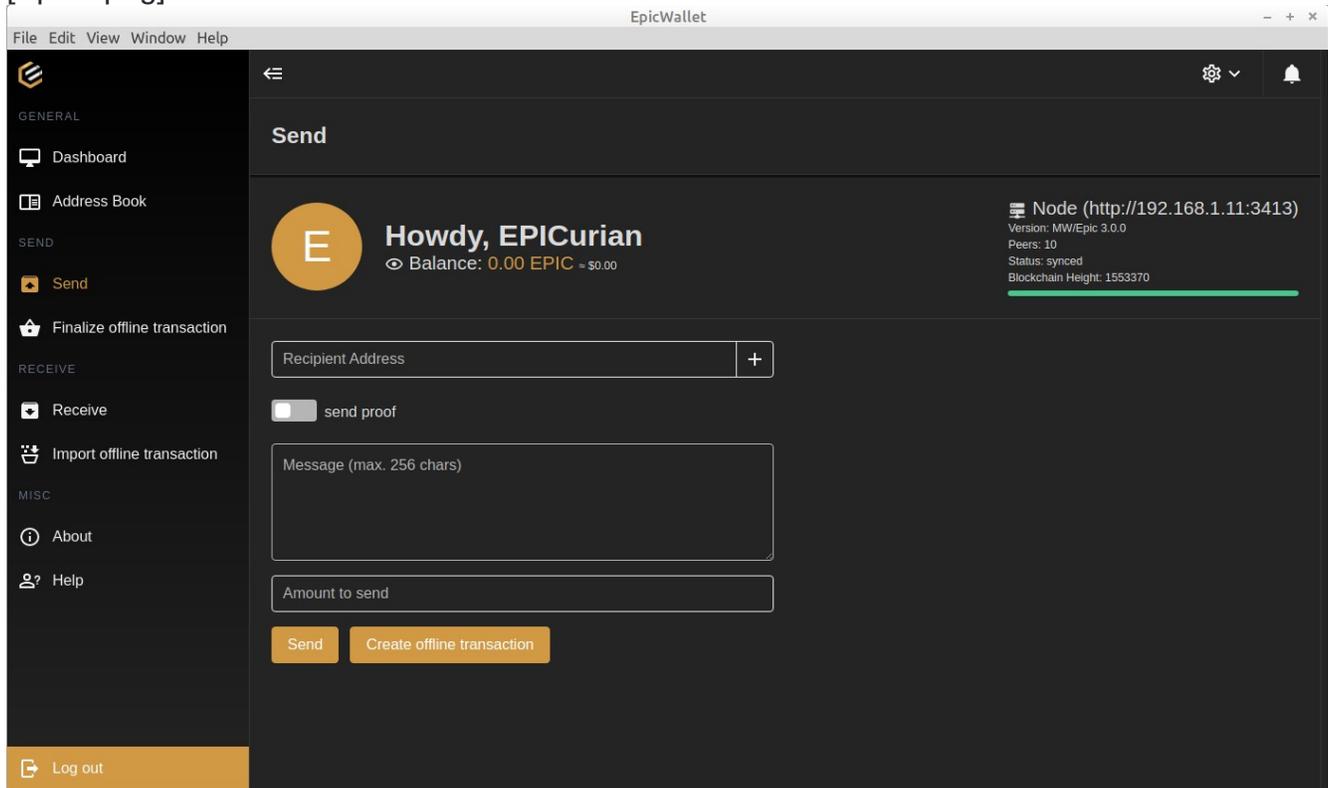
### Address Book

Here you can search for entries or click the + button to add a new entry. Fill in the information as needed. Use External Address for static peer-to-peer Wallet addresses. Epicbox addresses need to be changed if the Recipient changes their Epicbox Domain.

### Send

Enter the address of the wallet you wish to send to. Clicking on the + will take you to the Address Book where you can select the recipient. Click on the recipient name (if listed) and you will see addresses on the right - click on the copy icon next to the address you wish to use. Click on the Send Menu Option (on left panel) again and paste the address you copied. Once you have filled in the address you can add a message or leave blank. Enter the amount of EPIC you wish to send then click Send to initiate a transfer.

[Epic9.png]



## Receive

Selecting Receive will show addresses you can give to a Sender or use on an Exchange.

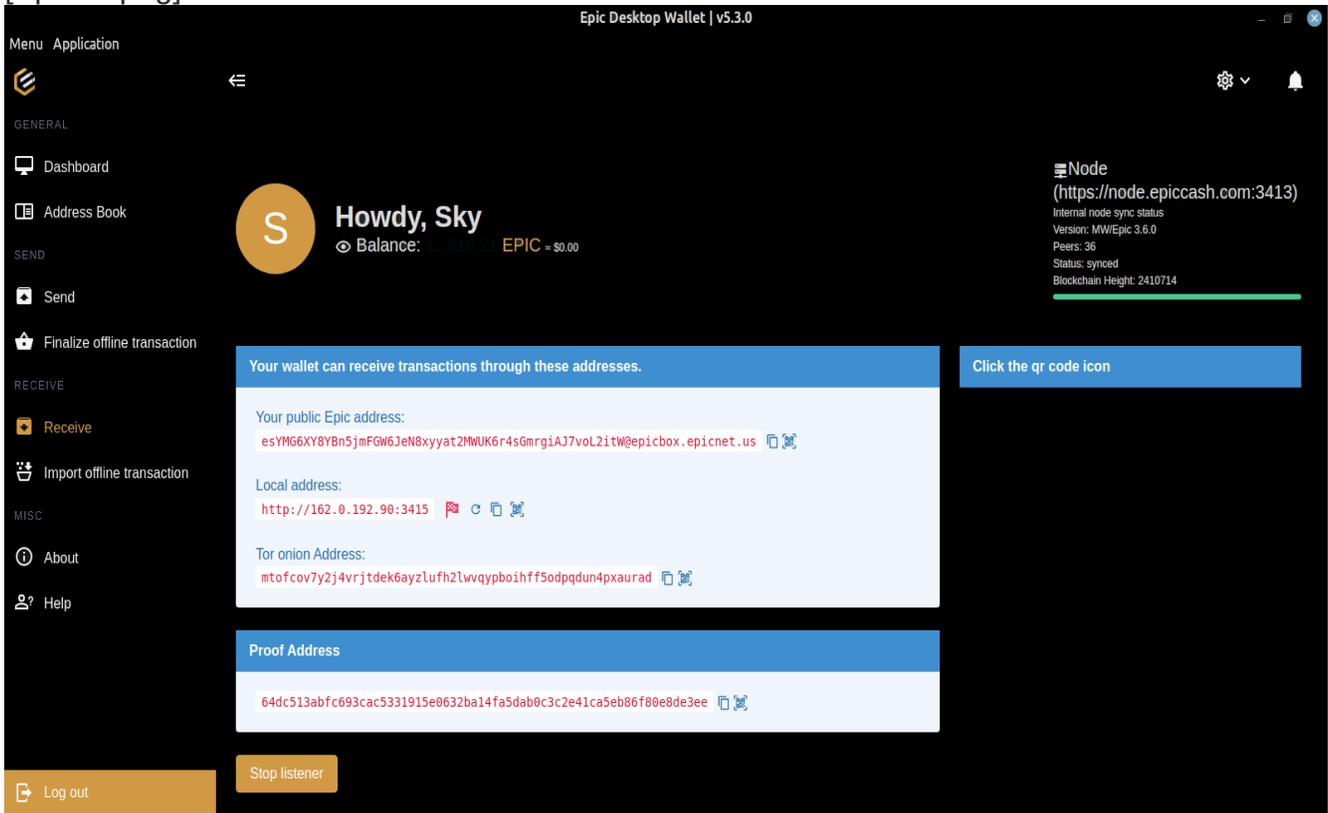
Your Public Epic Address is the default method for receiving or sending between wallets.

Copy: You can click on the Copy icon and share through email or Paste into the Receiver Address field of a wallet or exchange app.

QRcode: You can click on the QRcode icon and generate an image to scan with your phone then paste the resulting text into the Receiver Address field of a wallet or exchange app.

The Listener is on by default but you can change this in Setup, however it must be on to receive any transactions. You can temporarily toggle it with the Stop/Start Listener button. Best to leave this always on.

[Epic10.png]



## Transaction Files:

To send Epic Cash with Transaction File:

- Select “Create transaction file”, input an amount to send, and create a transaction file. You can specify transaction file name and directory to save it in.
- Send the recipient the transaction file, and wait for the recipient to send back a transaction response file. You can use <https://pairedrop.epiccash.com> between two devices to securely send the transaction files.
- After receiving the transaction response file, select “Finalize transaction”, and drag-and-drop or input the transaction response file. The transaction should complete.
- Before finalizing a transaction, you have the option to cancel it at the wallet transaction section.

To receive Epic Cash with Transaction File:

- After receiving the sender’s transaction file, select “Create transaction response file”, and drag-and-drop or input the transaction file. You can specify transaction response file name and directory to save it in.
- Send the sender the transaction response file, and wait for the sender to finalize the transaction. The transaction should complete within 10 seconds of finalizing.
- If there was a mistake (i.e. incorrect amount) or the sender does not finalize the

transaction, you have the option to cancel it at the wallet transaction section.

## Setup Menus:

Pulldown Setup Options (top right on Dashboard)

### Account

Enter or change your friendly name

### Settings

Select Built-in or External Node Server (defaults to Internal)

Enter External Node Server address (defaults to https://epiccash.com:3413)

Epicbox Domain (defaults to epicbox.epiccash.com)

Toggle Wallet Listener on startup (defaults to 'on')

Toggle Advanced Mode (defaults to 'off') - By default Advanced Mode is off to display only the epicbox transaction method. Other methods like http and tor along with ngrok addresses for http are available to advanced users with this turned on. Keybase is also available in advanced mode.

Advanced: Enter your ngrok Authtoken **Note: ngrok is no longer supported or recommended**

~~Toggle to use ngrok without Authtoken (no account at ngrok needed) - The address created will be valid for two hours then reset and you must remember to copy the new address or re-scan the QRcode just before using it as a Receive Address or sending it to another wallet user. Be sure to inform the other wallet user that it is only valid for two hours. If they can't send in that time frame, a new address will need to be sent to them as it will have reset. If you leave this option off and create an account at ngrok and enter your authtoken, your ngrok address will stay active the entire time you have your listener running (basically while your wallet app is running if listener is set to auto start) so there is no rush to send to this address.~~

[Epic12.png]

Epic Desktop Wallet | v5.3.0

Menu Application

GENERAL

- Dashboard
- Address Book

SEND

- Send
- Finalize offline transaction

RECEIVE

- Receive
- Import offline transaction

MISC

- About
- Help

Log out

Node Server\*

External node server

Node Server Address\*

https://node.epicnet.us:3413

sync in background

the built-in node server continues to sync in the background even when the app is closed. The next time you run the wallet, you do not have to wait for the synchronization with the blockchain.

Language

English

Epicbox Domain

epicbox.epicnet.us

The domain of the relay server, where your epicbox is connected to. Leave field blank if you don't want to use this service. Default: epicbox.epiccash.com

Wallet listener

automatically start wallet listener and Epicbox after login

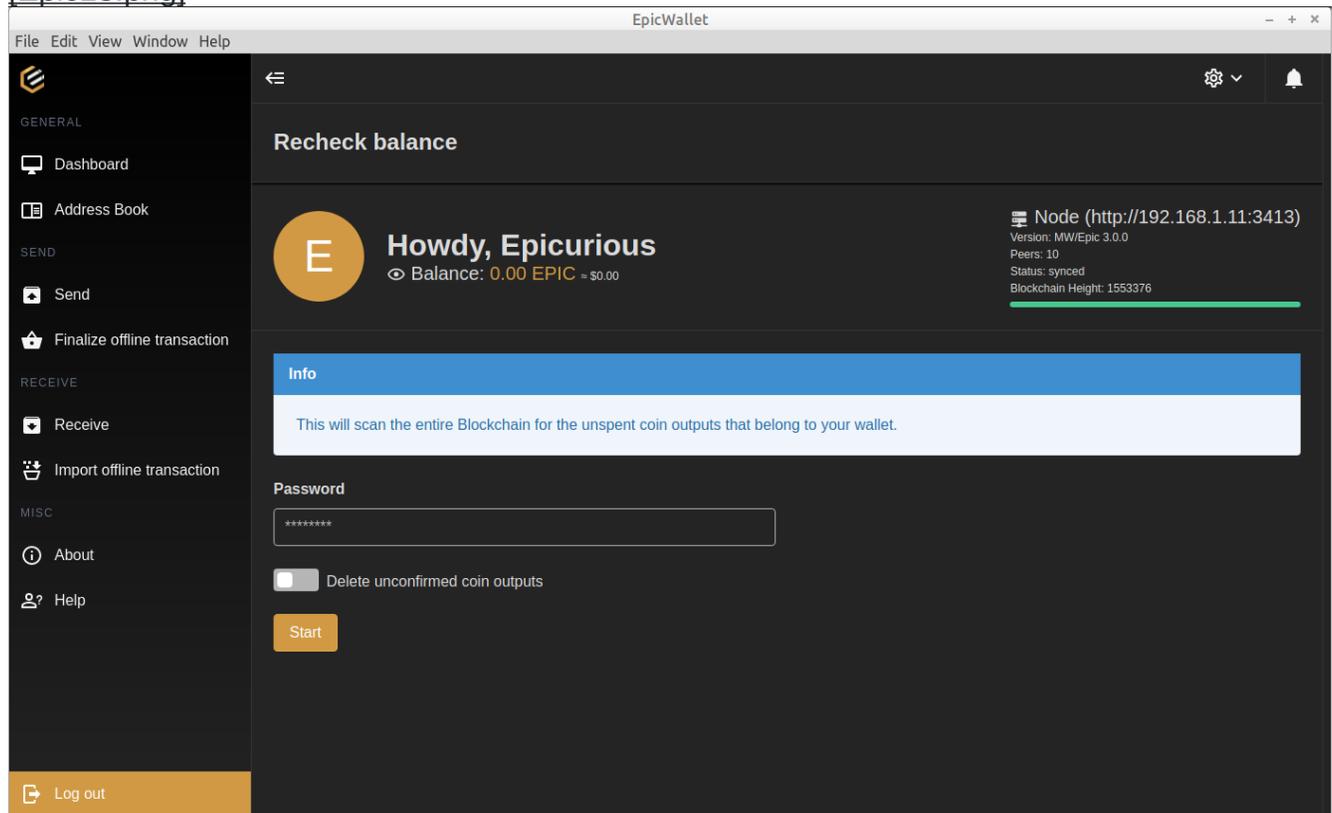
Run Epicbox listener in background

the Epicbox listener continues to listen for incoming transactions in background even when the app is closed.

Advanced Settings

## Recheck Balance

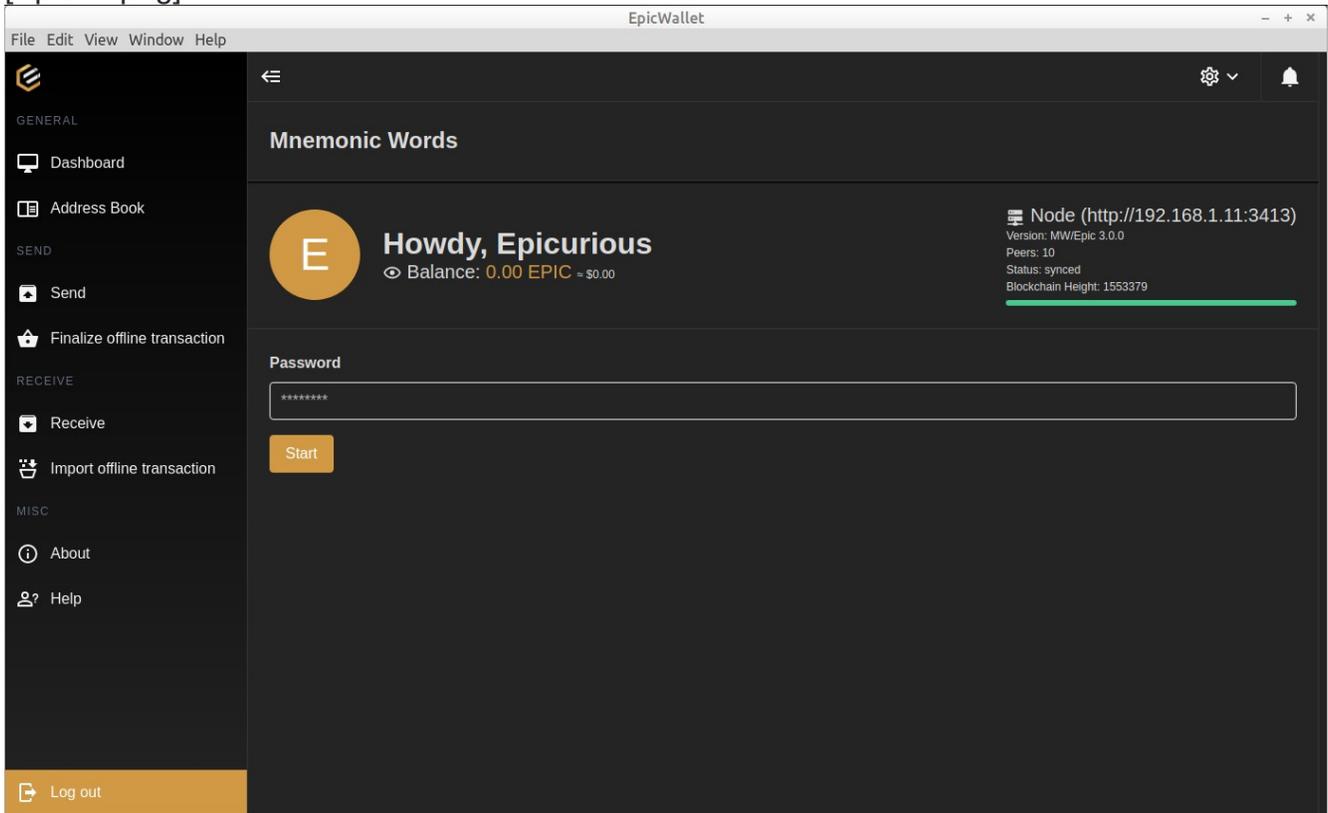
[Epic13.png]



## Mnemonic Words

Displays your Seed Phrase and a QRcode to scan and save as a text string.

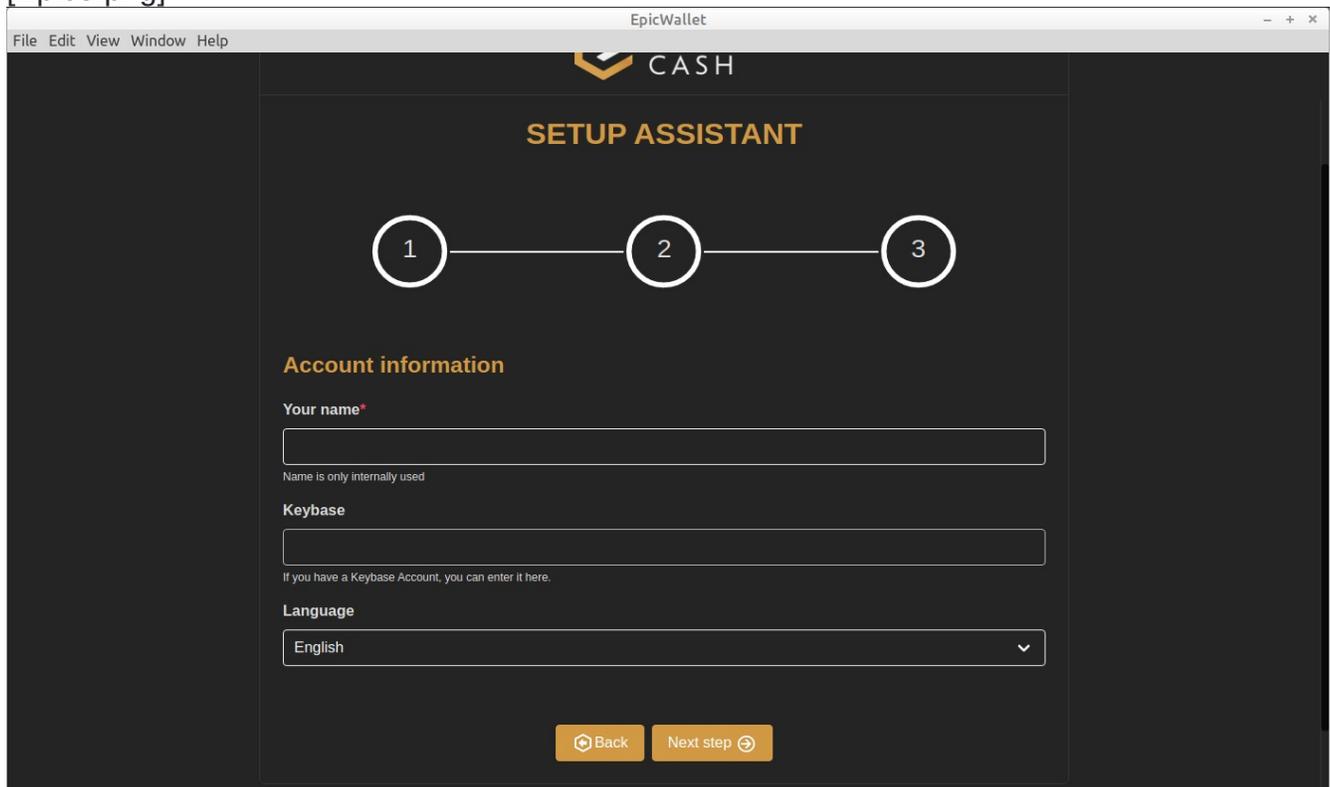
[Epic14.png]



## Run Setup Assistant

Re-run the Setup Assistant wizard

[Epic5.png]



## Send/Receive Addresses:

Epicbox Address:

Your Epic address provides an easy way for your send transactions to get to their destination wallet without that wallet needing to be online to receive. It is similar to an email address with `wallet-public-key@epicbox.home.server`.

This is accomplished securely and privately using an external 'relay' server called "Epicbox" provided by our community at `epicbox.epic.tech` (Americas), `epicbox.fastepic.eu` (Europe), and `epicbox.hyperbig.com` (Asia/Pacifica). Be sure to set the Epicbox Domain to your region (defaults to Americas).

\* Please note that the relay server does not allow anonymous transactions, as your IP address and your full Epic Wallet Address are used for the exchange. Transactions are fully encrypted and can only be privately exchanged between the sender and receiver.

It is recommended that you open your wallet once daily or when you know someone has sent you some EPIC in the last 24 hrs and give it a couple minutes to 'check in' then close. Leaving your wallet open will generate a certain amount of network traffic as it checks in every 5 seconds so you receive transactions quickly. Keeping your wallet closed helps the relay servers respond quicker without everyone checking in constantly. You can leave your wallet open and the listener running if using with epicbox turned off.

## Advanced Mode - HTTP

Your public internet IP wallet address is used between two wallets to transfer assets (your private wallet and private or exchange wallet) via the http protocol. In order for one wallet to find the other wallet, the local address must be shared. You do this by copying the generated address and sending it to the other wallet user via email or SMS or use it as the Receiver address on an exchange when sending or withdrawing.

**Tech Note:** because of the way EPIC wallets talk to each other, they need to know where the receiver is located. Most likely you are running on a LAN on your router and outside computers can't see your particular PC address unless you set up 'Port Forwarding' on your router. Check your Router's documentation to set up port forwarding. You can also set up a reverse tunnel using an app like autossh (for linux users). This can be a challenging procedure for casual users, so it is reserved for advanced users only. Epicbox is our main supported transaction method.

## Technical Addendum

Epicbox: How it works -

Epicbox is our secure/encrypted transport method to send transactions between wallets (and exchanges). This is done by combining your Public Key (long string of characters starting with 'es') and the Epicbox Web Address (home server domain name) to create your full Public Epic Address. This is your Receive Address so relay servers know where to send an original transaction if you are the receiver as well as your 'reply-to' address when sending a transaction so relay servers know where to send confirmations back to your home server for finalization if you are the sender.

This full Public Epic Address is shown on the Receive Page and can be copied or QRcode scanned to share with Senders. If you are the sender your full receive address is added to the transaction so the receiver knows where to send the confirmation back to. This process works just like email messages where you can reply-to the sender and transactions are relayed just like email messages to end up on the destination server waiting to be retrieved.

When you send a transaction, it is relayed from your home server to a destination server based on the epicbox domain in the receive address or stays on your home server if the receive address is the same epicbox domain (just like email).

The transaction sits in a queue on the destination (receiver's home) server until the receiver 'checks in' when they start their wallet or every minute if the receiver is already online. When the transaction is retrieved, the receiver sends a confirmation transaction back to the sender and it goes through the relay(s) to the sender's home server where it sits in a queue waiting for the sender to 'check in' when they start their wallet or every minute if the sender is already online so they can retrieve the confirmation and finalize the transaction. This is a three-way process where both wallets don't need to be online at the same time to send and receive but do need to 'check in' to complete the transaction. See diagram below.

If User-A sends to User-B and User-B is offline the transaction sits until User-B starts their wallet (or gets delivered right away if they are online) then User-B sends a confirmation back to User-A. The confirmation then sits until User-A starts their wallet or completes right away if User-A is online. If a transaction seems to be 'stuck' it's probably because someone hasn't checked in to process their part of the transaction (confirm or finalize).

If you are sending to a wallet in a different region, your home server will relay your transaction to the destination server where the receiver will pick it up and the confirmation will be relayed from the destination server back to your home server for you to pick up and finalize.

You must inform senders to update their address book if you change your epicbox domain as it will change your full Epic Address (your public key part will remain the same).

The diagram below illustrates a transaction between two wallets on the same home server. If the transaction was going to a different region, there would be a second EPIC BOX and the sender EPIC BOX would relay to the receiver EPIC BOX with original transaction then the receiver EPIC BOX would relay back to the sender EPIC BOX with the confirmation. Again, this works just like sending and receiving email messages and replies. Once finalized by the sender, the transaction is posted to the blockchain where nodes will confirm 3-10 blocks then the sent amount becomes spendable by the receiver.

