



# BitCanna Full Node Wallet Guide

This guide describes how to safely configure the 'full' node wallet for the BitCanna network.

## Download the wallet

- Download the wallet from <https://www.bitcanna.io/wallets/>  
**DO NOT download the BitCanna wallet from any other location.**
- The Windows wallet is an executable, so make sure to use “**Save As**” when downloading the file. For now it could potentially display a **warning** from Windows SmartScreen (or a similar program) that the app is unrecognized. You can **safely skip past this warning** by clicking More info, then Run anyway.
- The executable will offer settings changes when run for the first time.

## \*Important\*

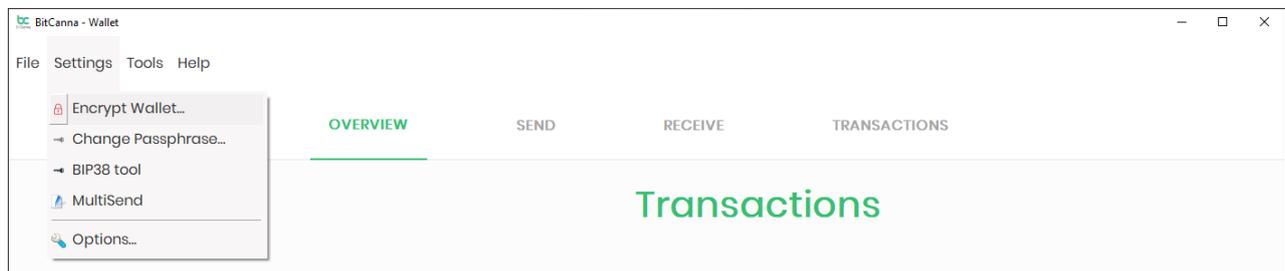
- For data storage, choose a location with **enough free space**. It is recommended to use the default data folder if possible.
- For **Testnet participants**: make sure to **delete** the **Testnet** folders including the data before you proceed with the Mainnet. To find the location of your blockchain and wallet data, write: %appdata% in your search/run bar. Then locate the BCNA folder and delete this entire folder.
- Once confirmed, the BitCanna wallet starts up immediately. If the application won't start automatically, run the BitCanna Full Node wallet by executing the application you've just downloaded. Now wait for the wallet to synchronize with the network, this will be indicated in the bottom left corner of the wallet.



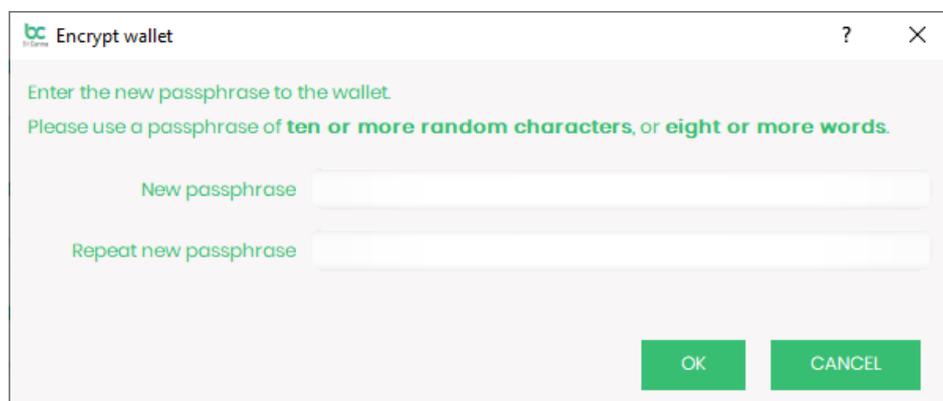
## Encrypting and locking/unlocking your wallet

Now that your wallet has synchronized with the BitCanna network, it is strongly advised to encrypt it with a password or passphrase to prevent unauthorized access.

- To encrypt your wallet, click Settings > **Encrypt Wallet**.



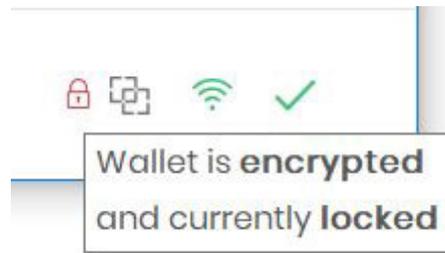
- You will be asked to enter and **verify a password**.



- Enter a password and Confirm you want to encrypt your wallet. You should **use a strong, new password** that you have never used somewhere else.

**Take note of your password and store it somewhere safe. If you lose your password you will be locked out of your wallet and lose access to your funds.**

- When the encryption **process is complete**, you will see a **warning** that past backups of your wallet will no longer be usable and be asked to shut down the BitCanna Node. When you **restart the wallet**, you will see a **small red lock in the bottom right corner**.

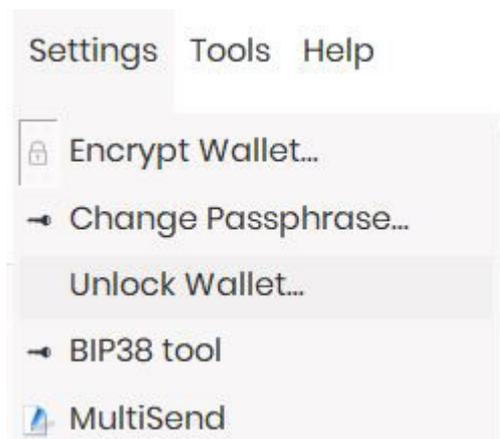


- Your wallet is now **encrypted and locked**.

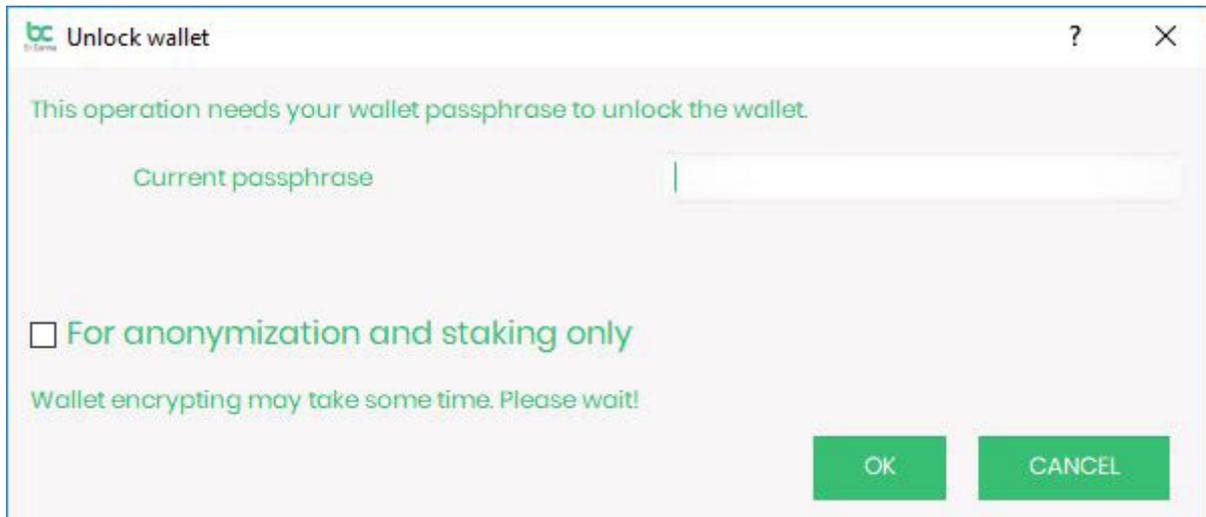
## Unlocking your wallet

When you start up your encrypted wallet it will be locked. You have to **unlock it before you can send funds or activate your node wallet for staking**.

To unlock your wallet, click **Settings > Unlock Wallet**.



- Here you enter the passphrase you chose when encrypting the wallet to unlock it and **either tick the checkbox** or **leave it unticked**, depending on which type of unlocking you wish to perform.



There are two ways of unlocking your wallet:

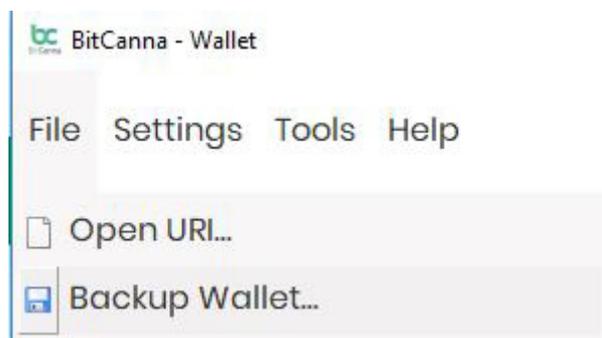
- Unlock the wallet **only for anonymization and staking**. If you unlock your wallet using this option you can stake your BCNA coins and receive staking rewards (**so tick the checkbox if you only want to stake BitCanna and do not need to make any transfers**).
- Unlock the wallet including the permits above and include permission to send BCNA coins out of the wallet (**leave the checkbox unticked if you want to send BitCanna**).
- If you want to lock the wallet again, open the “Settings” menu and click on “Lock Wallet”.



## Backup and Restore your wallet

This documentation describes how to safely back up your wallet file for safe storage in case your computer or laptop is damaged or lost. The BitCanna node wallet stores all data necessary to control your BitCanna addresses in a single file called wallet.dat. This wallet is in the Berkeley DB format and stores the pairs of private/public cryptographic keys used to manage your balances on the BitCanna blockchain.

Backing up your wallet is a built-in feature in the BitCanna wallet. Never copy your wallet.dat file while the BitCanna node is open, but use the **File > Backup Wallet** option.



When you select this menu item, a dialog box will appear to specify where the file should be saved. Enter a name for the file, select a location and click Save. Always make sure you save a copy of the backup file on a separate device or location, for example a usb drive.

If the BitCanna node is not running, you can also backup your wallet by simply copying the wallet.dat file to another location. This file is located in the BitCanna data folder.

You were given the option to specify the location of this folder during the initial install of the application.



If you selected the default folder, the wallet.dat file is located here:

- **Windows**

C:/Users/YourUserName/Appdata/Roaming/BCNA

You can access this folder directly by Windows Key + R and typing %APPDATA-TA%/BCNA

- **Linux**

/home/YourUserName/.BCNA

You can access this folder directly by typing `cd ~/.BCNA` at the terminal or `~/.BCNA` in the path bar using the Go > Enter Location... menu item in Files

- **MacOS**

/Users/YourUserName/Library/Application Support/BCNA

You can access this folder by typing `cd ~/Library/Application Support/BCNA` at the terminal or `~/Library/Application Support/BCNA` in dialog at the Go > Go To Folder menu item in Finder.

If you run masternodes you must also backup your masternode.conf file. It's also a good idea to backup BitCanna.conf since it contains your custom wallet settings. Both files are in the same directory as your wallet.dat file.

**It is important to consider** that if you have not encrypted your wallet using the Settings > Encrypt Wallet menu item, anyone with access to the backed up wallet.dat file will immediately have full access to your BCNA coins. If you do choose to encrypt your wallet, do not store the password at the same location as the wallet.dat file, particularly if you are saving the backup to the cloud, or a USB device.





## Restore your backup wallet

To restore a backup, install the BitCanna Wallet on the target system (or close it, if already installed) and rename the existing wallet.dat file in the BCNA folder.

Rename the old wallet.dat file in the BCNA data folder to, for example, wallet.old.

Then copy the backup wallet file to the BCNA folder and ensure it is named wallet.dat. Now, when you start the BitCanna node wallet again, it will load the new wallet.

**Do not replace wallet.dat while the BitCanna node is running, since this will result in data corruption!**

