ColossusXT Linux Wallet 1.0.3 Update Guide

This is a living document. The most current version can be found [here](#).

This guide will help you update your 1.0.0 Linux wallet to the latest wallet version 1.0.3. You can use this guide for any Linux ColossusXT wallet installation, including a local Linux install or a VPS system, for a normal Linux wallet or for a Linux masternode, and for Raspberry Pi Linux installations as well.

Linux Installation Reminders

1) All Linux commands are **CASE SENSITIVE**. ALWAYS pay close attention to case.

2) The `~` symbol is a shortcut to the current user's home folder, which is `/root` for the `root` login, and `/home/username` for any other user's login. It is not a random squiggly mark; it has a specific and important meaning.

3) Just like on Windows and OSX, the ColossusXT application involves two directories: A *program* directory, which contains the program executables, and a *wallet* directory, which contains your wallet file, config files, and blockchain data. This guide assumes that your existing *program* directory is `~/colx-1.0.0/bin`. If you installed to a different location or have a different version, substitute that path as needed. The *wallet* directory is generated automatically at `~/.ColossusCoinXT`, and should be the same on all systems.

Let's get started.

Back Up Your Wallet

The new wallet version uses your existing wallet files in their current location, and makes no changes to them, however, an update is a good time to back up your wallet. If you already have a known good backup, you can skip this step.

The easiest way to back up your wallet.dat from a remote Linux / VPS system is via a secure FTP program such as [WinSCP](). Install WinSCP from the link provided, then connect using your IP address, login and password. Click "Yes" on the one-time warning to accept the server's host key.

Once connected, you will need to press `[CTRL]+[ALT]+H` to enable viewing hidden files. Navigate to your remote ColossusXT *wallet* directory `~/.ColossusCoinXT` and drag the `wallet.dat` to your desired destination on your local file system.

Stop Wallet Process

Use the `cd` command to navigate to your ColossusXT *program* directory, and then stop the server daemon process:

```
cd ~/colx-1.0.0/bin
./colx-cli stop
```


Delete Existing Program Folders

Once the server is stopped, delete any existing ColossusXT program directories:

```
cd ~
rm -rf colx-1.0.0
```


Download The 1.0.3 ColossusXT Wallet Program From Github:

Use the `wget` command to download the 1.0.3 wallet archive directly to your `~/Downloads` directory.

NOTE: There are different wallet versions available for each system architecture. If you don't know your architecture, use the `arch` command:

Use only the command that matches your system architecture:

x86_64
```
wget -P ~/Downloads
https://github.com/ColossusCoinXT/ColossusCoinXT/releases/download/v1
.0.3/colx-1.0.3-x86_64-linux-gnu.tar.gz
```

i686
```
wget -P ~/Downloads
https://github.com/ColossusCoinXT/ColossusCoinXT/releases/download/v1
.0.3/colx-1.0.3-i686-pc-linux-gnu.tar.gz
```

ARM
```
wget -P ~/Downloads
https://github.com/ColossusCoinXT/ColossusCoinXT/releases/download/v1
.0.3/colx-1.0.3-arm-linux-gnueabihf.tar.gz
```

Extract The New Wallet Archive To Your Home Folder

Now use the `tar` command to extract the archive to a new COLX folder located at `/user/home/colx-1.0.3`. Again, use only the command that matches your system architecture:

x86_64
```
tar xvzf ~/Downloads/colx-1.0.3-x86_64-linux-gnu.tar.gz -C ~
```

i686
```
tar xvzf ~/Downloads/colx-1.0.3-i686-pc-linux-gnu.tar.gz -C ~
```

ARM
```
tar xvzf ~/Downloads/colx-1.0.3-arm-linux-gnueabihf.tar.gz -C ~
```

NOTE: If you download and install the wallet for the wrong architecture, you will see an error like this when you attempt to launch the wallet:

```
user@ubuntu:~/a/colx-1.0.3/bin$ ./colxd
bash: ./colxd: cannot execute binary file: Exec format error
user@ubuntu:~/a/colx-1.0.3/bin$
```

Launch The New Wallet Program

Navigate to the new installation directory, and launch the ColossusXT wallet

```
cd ~/colx-1.0.3/bin
./colxd --daemon
```

Note: "daemon" is spelled with **ae** not ea, and there are **TWO** dashes.

You will receive a message that the server is starting.

Confirm Wallet Status

Check the status of your wallet to confirm that it's running and synchronized.

```
./colx-cli getinfo
```

Note the block number. It will catch up to the current ColossusXT block within a few minutes. You can run the command repeatedly to monitor its progress.

Restart Masternode

If this update was for a masternode server wallet, don't forget to restart your masternode from your local wallet.

Additional Resources

As always, if you have any questions, please come find us in the #general-support channel of the ColossusXT discord:

https://discord.gg/aHJKFaX