

Bitcoin-Qt version 0.8.6 final is now available from:

<http://sourceforge.net/projects/bitcoin/files/Bitcoin/bitcoin-0.8.6/>

This is a maintenance release to fix a critical bug; we urge all users to upgrade.

Please report bugs using the issue tracker at github:

<https://github.com/bitcoin/bitcoin/issues>

How to Upgrade

If you already downloaded 0.8.6rc1 you do not need to re-download. This release is exactly the same.

If you are running an older version, shut it down. Wait until it has completely shut down (which might take a few minutes for older versions), then run the installer (on Windows) or just copy over /Applications/Bitcoin-Qt (on Mac) or bitcoind/bitcoin-qt (on Linux).

If you are upgrading from version 0.7.2 or earlier, the first time you run 0.8.6 your blockchain files will be re-indexed, which will take anywhere from 30 minutes to several hours, depending on the speed of your machine.

0.8.6 Release notes

- Default block size increase for miners. (see <https://gist.github.com/gavinandresen/7670433#086-accept-into-block>)
- Remove the all-outputs-must-be-greater-than-CENT-to-qualify-as-free rule for relaying (see <https://gist.github.com/gavinandresen/7670433#086-relaying>)
- Lower maximum size for free transaction creation (see <https://gist.github.com/gavinandresen/7670433#086-wallet>)
- OSX block chain database corruption fixes
 - Update leveldb to 1.13
 - Use fcntl with `F_FULLSYNC` instead of fsync on OSX
 - Use native Darwin memory barriers
 - Replace use of mmap in leveldb for improved reliability (only on OSX)
- Fix nodes forwarding transactions with empty vins and getting banned
- Network code performance and robustness improvements
- Additional debug.log logging for diagnosis of network problems, log timestamps by default
- Fix Bitcoin-Qt startup crash when clicking dock icon on OSX
- Fix memory leaks in `CKey::SetCompactSignature()` and `Key::SignCompact()`
- Fix rare GUI crash on send
- Various small GUI, documentation and build fixes

Warning

- There have been frequent reports of users running out of virtual memory on 32-bit systems during the initial sync. Hence it is recommended to use a 64-bit executable if possible. A 64-bit executable for Windows is planned for 0.9.

Note: Gavin Andresen's GPG signing key for SHA256SUMS.asc has been changed from key id 1FC730C1 to sub key 7BF6E212 (see <https://github.com/bitcoin/bitcoin.org/pull/279>).