

Bitcoin Core version 0.16.2 is now available from:

<https://bitcoincore.org/bin/bitcoin-core-0.16.2/>

This is a new minor version release, with various bugfixes as well as updated translations.

Please report bugs using the issue tracker at GitHub:

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

To receive security and update notifications, please subscribe to:

<https://bitcoincore.org/en/list/announcements/join/>

How to Upgrade

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).

The first time you run version 0.15.0 or newer, your chainstate database will be converted to a new format, which will take anywhere from a few minutes to half an hour, depending on the speed of your machine.

Note that the block database format also changed in version 0.8.0 and there is no automatic upgrade code from before version 0.8 to version 0.15.0 or higher. Upgrading directly from 0.7.x and earlier without re-downloading the blockchain is not supported. However, as usual, old wallet versions are still supported.

Downgrading warning

Wallets created in 0.16 and later are not compatible with versions prior to 0.16 and will not work if you try to use newly created wallets in older versions. Existing wallets that were created with older versions are not affected by this.

Compatibility

Bitcoin Core is extensively tested on multiple operating systems using the Linux kernel, macOS 10.8+, and Windows Vista and later. Windows XP is not supported.

Bitcoin Core should also work on most other Unix-like systems but is not frequently tested on them.

0.16.2 change log

Wallet

- #13622 c04a4a5 Remove mapRequest tracking that just effects Qt display. (TheBlueMatt)
- #12905 cfc6f74 [rpcwallet] Clamp walletpassphrase value at 100M seconds (sdaftuar)
- #13437 ed82e71 wallet: Erase wtxOrderd wtx pointer on removepruned-funds (MarcoFalke)

RPC and other APIs

- #13451 cbd2f70 rpc: expose CBlockIndex::nTx in getblock(header) (instagibbs)
- #13507 f7401c8 RPC: Fix parameter count check for importpubkey (kristapsk)
- #13452 6b9dc8c rpc: have verifytxoutproof check the number of txns in proof structure (instagibbs)
- #12837 bf1f150 rpc: fix type mismatch in listreceivedbyaddress (joemphilips)
- #12743 657dfc5 Fix csBestBlock/cvBlockChange waiting in rpc/mining (sipa)

GUI

- #12432 f78e7f6 [qt] send: Clear All also resets coin control options (Sjors)
- #12617 21dd512 gui: Show messages as text not html (laanwj)
- #12793 cf6feb7 qt: Avoid resetting on resetguisettings=0 (MarcoFalke)

Build system

- #13544 9fd3e00 depends: Update Qt download url (fanquake)
- #12573 88d1a64 Fix compilation when compiler do not support __builtin_clz* (532479301)

Tests and QA

- #13061 170b309 Make tests pass after 2020 (bmwiedemann)
- #13192 79c4fff [tests] Fixed intermittent failure in p2p_sendheaders.py (lmanners)
- #13300 d9c5630 qa: Initialize lockstack to prevent null pointer deref (MarcoFalke)
- #13545 e15e3a9 tests: Fix test case streams_serializedata_xor Remove Boost dependency. (practicalswift)
- #13304 cbdabef qa: Fix wallet_listreceivedby race (MarcoFalke)

Miscellaneous

- #12887 2291774 Add newlines to end of log messages (jnewbery)
- #12859 18b0c69 Bugfix: Include for `std::unique_ptr` (luke-jr)
- #13131 ce8aa54 Add Windows shutdown handler (ken2812221)
- #13652 20461fc rpc: Fix that `CWallet::AbandonTransaction` would leave the grandchildren, etc. active (Empact)

Credits

Thanks to everyone who directly contributed to this release:

- 532479301
- Ben Woosley
- Bernhard M. Wiedemann
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- Cory Fields
- fanquake
- Gregory Sanders
- joemphilips
- John Newbery
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- Himanshu Mehta

As well as everyone that helped translating on Transifex.