

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:

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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 `cf66f74` [rpcwallet] Clamp walletpassphrase value at 100M seconds (sdaftuar)
- #13437 `ed82e71` wallet: Erase wtxOrderd wtx pointer on removeprunedfunds (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 `657dfe5` 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 `cdbabef` 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
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- Gregory Sanders
- joemphilips
- John Newbery
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And to those that reported security issues:

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- Himanshu Mehta

As well as everyone that helped translating on [Transifex](#).