

Bitcoin Core version 0.18.1 is now available from:

<https://bitcoincore.org/bin/bitcoin-core-0.18.1/>

This is a new minor version release, including new features, various bug fixes and performance improvements, as well as updated translations.

Please report bugs using the issue tracker at GitHub:

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

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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 later. Upgrading directly from 0.7.x and earlier without redownloading the blockchain is not supported. However, as usual, old wallet versions are still supported.

## Compatibility

Bitcoin Core is supported and extensively tested on operating systems using the Linux kernel, macOS 10.10+, and Windows 7 and newer. It is not recommended to use Bitcoin Core on unsupported systems.

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

From 0.17.0 onwards, macOS <10.10 is no longer supported. 0.17.0 is built using Qt 5.9.x, which doesn't support versions of macOS older than 10.10. Additionally, Bitcoin Core does not yet change appearance when macOS "dark mode" is activated.

## Known issues

### Wallet GUI

For advanced users who have both (1) enabled coin control features, and (2) are using multiple wallets loaded at the same time: The coin control input selection dialog can erroneously retain wrong-wallet state when switching wallets using the dropdown menu. For now, it is recommended not to use coin control features with multiple wallets loaded.

## 0.18.1 change log

### P2P protocol and network code

- #15990 Add tests and documentation for blocksonly (MarcoFalke)
- #16021 Avoid logging transaction decode errors to stderr (MarcoFalke)
- #16405 fix: tor: Call `event_base_loopbreak` from the event's callback (promag)
- #16412 Make poll in InterruptibleRecv only filter for POLLIN events (tecnover)

### Wallet

- #15913 Add `-ignorepartialspends` to list of ignored wallet options (luke-jr)

### RPC and other APIs

- #15991 Bugfix: fix `pruneblockchain` returned prune height (jonasschnelli)
- #15899 Document `iswitness` flag and fix bug in `converttopsb` (MarcoFalke)
- #16026 Ensure that uncompressed public keys in a multisig always returns a legacy address (achow101)
- #14039 Disallow extended encoding for non-witness transactions (sipa)
- #16210 add 2nd arg to `signrawtransactionwithkey` examples (dooglus)
- #16250 `signrawtransactionwithkey`: report error when missing redeem-Script/witnessScript (ajtowns)

### GUI

- #16044 fix the bug of OPEN CONFIGURATION FILE on Mac (shannon1916)
- #15957 Show “No wallets available” in open menu instead of nothing (meshcollider)
- #16118 Enable open wallet menu on `setWalletController` (promag)
- #16135 Set `progressDialog` to `nullptr` (promag)
- #16231 Fix open wallet menu initialization order (promag)
- #16254 Set `AA_EnableHighDpiScaling` attribute early (hebasto)
- #16122 Enable console line edit on `setClientModel` (promag)

- #16348 Assert QMetaObject::invokeMethod result (promag)

### Build system

- #15985 Add test for GCC bug 90348 (sipa)
- #15947 Install bitcoin-wallet manpage (domob1812)
- #15983 build with -fstack-reuse=none (MarcoFalke)

### Tests and QA

- #15826 Pure python EC (sipa)
- #15893 Add test for superfluous witness record in deserialization (instagibbs)
- #14818 Bugfix: test/functional/rpc\_psbt: Remove check for specific error message that depends on uncertain assumptions (luke-jr)
- #15831 Add test that addmultisigaddress fails for watchonly addresses (MarcoFalke)

### Documentation

- #15890 Remove text about txes always relayed from -whitelist (harding)

### Miscellaneous

- #16095 Catch by reference not value in wallettool (kristapsk)
- #16205 Replace fprintf with tfm::format (MarcoFalke)

## Credits

Thanks to everyone who directly contributed to this release:

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