

Bitcoin Core version *0.14.3* is now available from:

<https://bitcoin.org/bin/bitcoin-core-0.14.3/>

This is a new minor version release, including various bugfixes and performance improvements.

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/>

Compatibility

Bitcoin Core is extensively tested on multiple operating systems using the Linux kernel, macOS 10.8+, and Windows Vista and later.

Microsoft ended support for Windows XP on April 8th, 2014, No attempt is made to prevent installing or running the software on Windows XP, you can still do so at your own risk but be aware that there are known instabilities and issues. Please do not report issues about Windows XP to the issue tracker.

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

Notable changes

Denial-of-Service vulnerability CVE-2018-17144 —————

A denial-of-service vulnerability exploitable by miners has been discovered in Bitcoin Core versions 0.14.0 up to 0.16.2. It is recommended to upgrade any of the vulnerable versions to 0.14.3, 0.15.2 or 0.16.3 as soon as possible.

Known Bugs

Since 0.14.0 the approximate transaction fee shown in Bitcoin-Qt when using coin control and smart fee estimation does not reflect any change in target from the smart fee slider. It will only present an approximate fee calculated using the default target. The fee calculated using the correct target is still applied to the transaction and shown in the final send confirmation dialog.

0.14.3 Change log

Detailed release notes follow. This overview includes changes that affect behavior, not code moves, refactors and string updates. For convenience in locating the

code changes and accompanying discussion, both the pull request and git merge commit are mentioned.

Consensus

- #14247 52965fb Fix crash bug with duplicate inputs within a transaction (TheBlueMatt, sdaftuar)

RPC and other APIs

- #10445 87a21d5 Fix: make CCoinsViewDbCursor::Seek work for missing keys (Pieter Wuille, Gregory Maxwell)
- #9853 Return correct error codes in setban(), fundrawtransaction(), removeprunedfunds(), bumpfee(), blockchain.cpp (John Newbery)

P2P protocol and network code

- #10234 d289b56 [net] listbanned RPC and QT should show correct banned subnets (John Newbery)

Build system

Miscellaneous

- #10451 3612219 contrib/init/bitcoind.openrcconf: Don't disable wallet by default (Luke Dashjr)
- #10250 e23cef0 Fix some empty vector references (Pieter Wuille)
- #10196 d28d583 PrioritiseTransaction updates the mempool tx counter (Sahas Daftuar)
- #9497 e207342 Fix CCheckQueue IsIdle (potential) race condition and remove dangerous constructors. (Jeremy Rubin)

GUI

- #9481 7abe7bb Give fallback fee a reasonable indent (Luke Dashjr)
- #9481 3e4d7bf Qt/Send: Figure a decent warning colour from theme (Luke Dashjr)
- #9481 e207342 Show more significant warning if we fall back to the default fee (Jonas Schnelli)

Wallet

- #10308 28b8b8b Securely erase potentially sensitive keys/values (tjps)
- #10265 ff13f59 Make sure pindex is non-null before possibly referencing in LogPrintf call. (Karl-Johan Alm)

Credits

Thanks to everyone who directly contributed to this release:

- Cory Fields
- CryptAxe
- fanquake
- Jeremy Rubin
- John Newbery
- Jonas Schnelli
- Gregory Maxwell
- Karl-Johan Alm
- Luke Dashjr
- MarcoFalke
- Matt Corallo
- Mikerah
- Pieter Wuille
- practicalswift
- Suhas Daftuar
- Thomas Snider
- Tjps
- Wladimir J. van der Laan

And to those that reported security issues:

- awemany (for CVE-2018-17144, previously credited as “anonymous reporter”)