

BIPs that are implemented by Bitcoin Core (up-to-date up to **v23.0**):

- [BIP 9](#) : The changes allowing multiple soft-forks to be deployed in parallel have been implemented since **v0.12.1** ([PR #7575](#))
- [BIP 11](#) : Multisig outputs are standard since **v0.6.0** ([PR #669](#)).
- [BIP 13](#) : The address format for P2SH addresses has been implemented since **v0.6.0** ([PR #669](#)).
- [BIP 14](#) : The subversion string is being used as User Agent since **v0.6.0** ([PR #669](#)).
- [BIP 16](#) : The pay-to-script-hash evaluation rules have been implemented since **v0.6.0**, and took effect on *April 1st 2012* ([PR #748](#)).
- [BIP 21](#) : The URI format for Bitcoin payments has been implemented since **v0.6.0** ([PR #176](#)).
- [BIP 22](#) : The 'getblocktemplate' (GBT) RPC protocol for mining has been implemented since **v0.7.0** ([PR #936](#)).
- [BIP 23](#) : Some extensions to GBT have been implemented since **v0.10.0rc1**, including longpolling and block proposals ([PR #1816](#)).
- [BIP 30](#) : The evaluation rules to forbid creating new transactions with the same txid as previous not-fully-spent transactions were implemented since **v0.6.0**, and the rule took effect on *March 15th 2012* ([PR #915](#)).
- [BIP 31](#) : The 'pong' protocol message (and the protocol version bump to 60001) has been implemented since **v0.6.1** ([PR #1081](#)).
- [BIP 32](#) : Hierarchical Deterministic Wallets has been implemented since **v0.13.0** ([PR #8035](#)).
- [BIP 34](#) : The rule that requires blocks to contain their height (number) in the coinbase input, and the introduction of version 2 blocks has been implemented since **v0.7.0**. The rule took effect for version 2 blocks as of *block 224413* (March 5th 2013), and version 1 blocks are no longer allowed since *block 227931* (March 25th 2013) ([PR #1526](#)).
- [BIP 35](#) : The 'mempool' protocol message (and the protocol version bump to 60002) has been implemented since **v0.7.0** ([PR #1641](#)). As of **v0.13.0**, this is only available for `NODE_BLOOM` (BIP 111) peers.
- [BIP 37](#) : The bloom filtering for transaction relaying, partial Merkle trees for blocks, and the protocol version bump to 70001 (enabling low-bandwidth SPV clients) has been implemented since **v0.8.0** ([PR #1795](#)). Disabled by default since **v0.19.0**, can be enabled by the `-peerbloomfilters` option.
- [BIP 42](#) : The bug that would have caused the subsidy schedule to resume after block 13440000 was fixed in **v0.9.2** ([PR #3842](#)).
- [BIP 43](#) : The experimental descriptor wallets introduced in **v0.21.0** by default use the Hierarchical Deterministic Wallet derivation proposed by BIP 43. ([PR #16528](#))
- [BIP 44](#) : The experimental descriptor wallets introduced in **v0.21.0** by default use the Hierarchical Deterministic Wallet derivation proposed by BIP 44. ([PR #16528](#))
- [BIP 49](#) : The experimental descriptor wallets introduced in **v0.21.0** by default use the Hierarchical Deterministic Wallet derivation proposed by BIP 49. ([PR #16528](#))
- [BIP 61](#) : The 'reject' protocol message (and the protocol version bump to 70002) was added in **v0.9.0** ([PR #3185](#)). Starting **v0.17.0**, whether to send reject messages can be configured with the `-enablebip61` option, and support is deprecated (disabled by default) as of **v0.18.0**. Support was removed in **v0.20.0** ([PR #15437](#)).
- [BIP 65](#) : The CHECKLOCKTIMEVERIFY softfork was merged in **v0.12.0** ([PR #6351](#)), and backported to **v0.11.2** and **v0.10.4**. Mempool-only CLTV was added in [PR #6124](#).
- [BIP 66](#) : The strict DER rules and associated version 3 blocks have been implemented since **v0.10.0** ([PR #5713](#)).
- [BIP 68](#) : Sequence locks have been implemented as of **v0.12.1** ([PR #7184](#)), and have been *buried* since **v0.19.0** ([PR #16060](#)).
- [BIP 70](#) [71](#) [72](#) : Payment Protocol support has been available in Bitcoin Core GUI since **v0.9.0** ([PR #5216](#)). Support can be optionally disabled at build time since **v0.18.0** ([PR 14451](#)), and it is disabled by

default at build time since **v0.19.0** ([PR #15584](#)). It has been removed as of **v0.20.0** ([PR 17165](#)).

- [BIP 84](#) : The experimental descriptor wallets introduced in **v0.21.0** by default use the Hierarchical Deterministic Wallet derivation proposed by BIP 84. ([PR #16528](#))
- [BIP 90](#) : Trigger mechanism for activation of BIPs 34, 65, and 66 has been simplified to block height checks since **v0.14.0** ([PR #8391](#)).
- [BIP 111](#) : `NODE_BLOOM` service bit added, and enforced for all peer versions as of **v0.13.0** ([PR #6579](#) and [PR #6641](#)).
- [BIP 112](#) : The CHECKSEQUENCEVERIFY opcode has been implemented since **v0.12.1** ([PR #7524](#)), and has been *buried* since **v0.19.0** ([PR #16060](#)).
- [BIP 113](#) : Median time past lock-time calculations have been implemented since **v0.12.1** ([PR #6566](#)), and has been *buried* since **v0.19.0** ([PR #16060](#)).
- [BIP 125](#) : Opt-in full replace-by-fee signaling partially implemented. See `doc/policy/mempool-replacements.md`.
- [BIP 130](#) : direct headers announcement is negotiated with peer versions `>=70012` as of **v0.12.0** ([PR 6494](#)).
- [BIP 133](#) : feefilter messages are respected and sent for peer versions `>=70013` as of **v0.13.0** ([PR 7542](#)).
- [BIP 141](#) : Segregated Witness (Consensus Layer) as of **v0.13.0** ([PR 8149](#)), defined for mainnet as of **v0.13.1** ([PR 8937](#)), and *buried* since **v0.19.0** ([PR #16060](#)).
- [BIP 143](#) : Transaction Signature Verification for Version 0 Witness Program as of **v0.13.0** ([PR 8149](#)), defined for mainnet as of **v0.13.1** ([PR 8937](#)), and *buried* since **v0.19.0** ([PR #16060](#)).
- [BIP 144](#) : Segregated Witness as of **0.13.0** ([PR 8149](#)).
- [BIP 145](#) : getblocktemplate updates for Segregated Witness as of **v0.13.0** ([PR 8149](#)).
- [BIP 147](#) : NULLDUMMY softfork as of **v0.13.1** ([PR 8636](#) and [PR 8937](#)), *buried* since **v0.19.0** ([PR #16060](#)).
- [BIP 152](#) : Compact block transfer and related optimizations are used as of **v0.13.0** ([PR 8068](#)).
- [BIP 155](#) : The 'addrv2' and 'sendaddrv2' messages which enable relay of Tor V3 addresses (and other networks) are supported as of **v0.21.0** ([PR 19954](#)).
- [BIP 157](#) [158](#) : Compact Block Filters for Light Clients can be indexed as of **v0.19.0** ([PR #14121](#)) and served to peers on the P2P network as of **v0.21.0** ([PR #16442](#)).
- [BIP 159](#) : The `NODE_NETWORK_LIMITED` service bit is signalled as of **v0.16.0** ([PR 11740](#)), and such nodes are connected to as of **v0.17.0** ([PR 10387](#)).
- [BIP 173](#) : Bech32 addresses for native Segregated Witness outputs are supported as of **v0.16.0** ([PR 11167](#)). Bech32 addresses are generated by default as of **v0.20.0** ([PR 16884](#)).
- [BIP 174](#) : RPCs to operate on Partially Signed Bitcoin Transactions (PSBT) are present as of **v0.17.0** ([PR 13557](#)).
- [BIP 176](#) : Bits Denomination [QT only] is supported as of **v0.16.0** ([PR 12035](#)).
- [BIP 325](#) : Signet test network is supported as of **v0.21.0** ([PR 18267](#)).
- [BIP 339](#) : Relay of transactions by wtxid is supported as of **v0.21.0** ([PR 18044](#)).
- [BIP 340](#) [341](#) [342](#) : Validation rules for Taproot (including Schnorr signatures and Tapscript leaves) are implemented as of **v0.21.0** ([PR 19953](#)), with mainnet activation as of **v0.21.1** ([PR 21377](#), [PR 21686](#)).
- [BIP 350](#) : Addresses for native v1+ segregated Witness outputs use Bech32m instead of Bech32 as of **v22.0** ([PR 20861](#)).
- [BIP 380](#) [381](#) [382](#) [383](#) [384](#) [385](#) : Output Script Descriptors, and most of Script Expressions are implemented as of **v0.17.0** ([PR 13697](#)).
- [BIP 386](#) : `tr()` Output Script Descriptors are implemented as of **v22.0** ([PR 22051](#)).