BIP 0035 - mempool message

return to the Bitcoin Improvement Proposals

Table 1: Data sheet for mempool message

Title	mempool message
Layer	Peer Services
Author	Jeff Garzik
Comments-Summary	No comments yet.
Comments-URI	https://github.com/bitcoin/bips/wiki/Comments:BIP-0035
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Description	https://github.com/bitcoin/bips/blob/master/bip-0035.mediawiki

Note: The following is an excerpt from the official Bitcoin site. It is provided here as a convenience and is not authoritative. Refer to the original document(s) as the authoritative reference.

Abstract

Make a network node's transaction memory pool accessible via a new “mempool” message. Extend the existing “getdata” message behavior to permit accessing the transaction memory pool.

Motivation

Several use cases make it desirable to expose a network node's transaction memory pool:

1. SPV clients, wishing to obtain zero-confirmation transactions sent or received.
2. Miners, to avoid missing lucrative fees, downloading existing network transactions after a restart.
3. Remote network diagnostics.

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