

# BIP 0035 - mempool message

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Table 1: Data sheet for mempool message

|                  |                                                                                                                                             |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Title            | mempool message                                                                                                                             |
| Layer            | Peer Services                                                                                                                               |
| Author           | Jeff Garzik                                                                                                                                 |
| Comments-Summary | No comments yet.                                                                                                                            |
| Comments-URI     | <a href="https://github.com/bitcoin/bips/wiki/Comments:BIP-0035">https://github.com/bitcoin/bips/wiki/Comments:BIP-0035</a>                 |
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: **Note:** The following is an excerpt from the official Bitcoin site. It is provided here as a connivence 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 desireable 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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