

BIP 0034 - Block v2, Height in Coinbase (soft fork)

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Table 1: Data sheet for Block v2, Height in Coinbase

Title	Block v2, Height in Coinbase
Layer	Consensus (soft fork)
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Abstract

Bitcoin blocks and transactions are versioned binary structures. Both currently use version 1. This BIP introduces an upgrade path for versioned transactions and blocks. A unique value is added to newly produced coinbase transactions, and blocks are updated to version 2.

Motivation

1. Clarify and exercise the mechanism whereby the bitcoin network collectively consents to upgrade transaction or block binary structures, rules and behaviors
2. Enforce block and transaction uniqueness, and assist unconnected block validation

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