

Chain Governance Decision Record

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Status

Final

Subject

Increase Maximum Block Size

Context

The chain's current block size limit of 2MB has led to congestion and higher transaction fees during periods of high activity. Multiple stakeholders have proposed increasing the block size to enhance throughput and lower transaction costs.

Decision

The governing council has approved increasing the maximum block size from 2MB to 4MB, effective from block height 2105000.

Options Considered

- Maintain current limit (2MB)
- Increase to 4MB
- Increase to 8MB
- Dynamically adjust block size based on network usage

Rationale

Increasing to 4MB strikes a balance between scalability and network stability. Doubling the size reduces congestion without significantly impacting decentralization or validator requirements.

Impact

- Higher throughput and reduced transaction fees
- Minor increase in hardware requirements for node operators
- No change to consensus mechanism or transaction formats

Stakeholders

- Token holders
- Infrastructure providers & node operators
- Application developers
- End users

Review & Voting

Proposal discussed in two public governance meetings (2024-05-20, 2024-06-07). Voting conducted via on-chain ballot; 68% in favor, 21% against, 11% abstain.

References

- Community forum proposal: #221-IncreaseBlockSize
- On-chain vote: `vote/0x34f2...dee`
- Previous block size discussions: #181, #195

Important Notes

- Governance Decision Records ensure transparency and documentation of all key chain-level decisions.
- All stakeholders are encouraged to participate in discussion and review prior to a final decision.
- Records should be retained and publicly accessible for future reference and audits.
- Each decision is assigned a unique Document ID and version to track revisions.