Background

From a discussion in Core Devs Call 17, we will need a CIP to reduce block time from 12 to 6 seconds.

Proposed changes

Decrease block time from 12s to 6s:feat: decrease block time to 6s by jcstein · Pull Request #3953 · celestiaorg/celestia-app · GitHub

[

pr3953-diff.png

2114×1684 506 KB

](https://forum.celestia.org/uploads/default/original/2X/8/8713f4b2ee26f46640aba86b415ed89fefaeb8b9.png)

Benefits

This reduction in block time doubles throughput on Celestia!

2MB every 12 seconds → 2MB every 6 seconds.

Open questions

Do we need to modify ADR-19? I don't think so, as this will go live after year 1.

Next steps

If this proposal has enough consensus, I will write a CIP to formalize it.