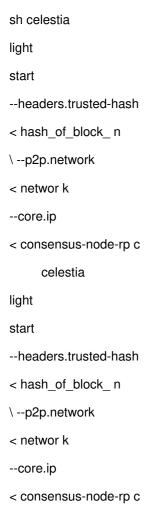# Syncing a light node from a trusted hash

This guide goes over how to sync a DA light node from a trusted hash. The example is with Mainnet Beta. You will need to adjust the commands accordingly for Mocha, Arabica, or a custom network.

WARNING

Syncing to a trusted hash means that you will not sample the entire chain. This adds a trust assumption that you trust the history of the chain up to that point and that you trust the entity where you get the hash from. In this example, the trusted entity is a consensus endpoint or Celenium. 1. Get trusted height & hash from a consensus endpoint or Celenium 2. . 3. Initialize the node store 4. sh 5. celestia 6. light 7. init 8. --p2p.network 9. < 10. networ 11. k 12. > 13. celestia 14. light 15. init 16. --p2p.network 17. < 18. networ 19. k 20. > 21. Set the trusted height & hash 22. 1. Open yourconfig.toml 23. 2. at.celestia-light/config.toml 24. 3. (or.celestia-light-/config.toml 25. 4.) 26. 5. SetDASer.SampleFrom 27. 6. to the trusted height (e.g.SampleFrom = 123456 28. 7.) 29. Run the node with the hash and flag:

sh celestia

light

start

--headers.trusted-hash

< hash_of_block_ n

\ --p2p.network

< networ k

--core.ip

< consensus-node-rp c

    celestia

light

start

--headers.trusted-hash

< hash_of_block_ n

\ --p2p.network

< networ k

--core.ip

< consensus-node-rp c

For service operators

If you're using multiple light nodes for similar services like tracking the same rollup, it is recommended to use the same hash and height for them all services using the same starting height. []