Overview to running nodes on Celestia

There are many ways you can participate in the Celestianetworks .

Celestia node operators can run several options on the network.

Consensus:

- Validator node
- : This type of node participates in consensus by producing and voting on blocks.
- Consensus node
- : A celestia-app full node to sync blockchain history.

Data Availability:

- Bridge node
- : This node bridges blocks between the Data-Availability network and the Consensus network.
- Full storage node
- : This node stores all the data but does not connect to Consensus.
- Light node
- : Light clients conduct data availability sampling on the Data Availability network.

You can learn more about how to set up each different node by going through each tutorial guide.

Recommended Celestia node requirements

Data availability nodes

Node type Memory CPU Disk Bandwidth Light node 500 MB RAM Single core 100 GB SSD 56 Kbps Bridge node 16 GB RAM 6 cores 2 TB NVME 1 Gbps Full storage node 16 GB RAM Quad-core 2 TB NVME 1 Gbps

Consensus nodes

Node type Memory CPU Disk Bandwidth Validator 16 GB RAM 8 cores 2 TB SSD 1 Gbps Consensus node 16 GB RAM Quad-core 2 TB SSD 1 Gbps Please provide any feedback on the tutorials and guides. If you notice a bug or issue, feel free to make a pull request or write up a Github issue! [][Edit this page on GitHub] Last updated: Previous page Staking dashboards Next page Quick start []