Running a full node and/or validator

Prerequisites

- Familiarity with Ethereum, Ethereum's testnets, Arbitrum, and Celestia
- A gentle introduction: Orbit chains
- Arbitrum Orbit integration overview
- Quickstart: Deploy an Arbitrum Orbit rollup

Running a full node

To run a full node, you canfollow the steps outlined in the Arbitrum docs, with the difference being that you will use this image:dfcelestia/nitro-node-dev:latest instead of the one mentioned in the Arbitrum docs.

Note that you can either use the flags in the nitro binary + the flagsfound in the celestia package, or you can just provide a nodeconfig.json file with thecelestia-cfg for them to run it, which would look something like this:

json docker run --rm -v "HOME/Documents/configs/nodeConfig.json:/config.json:ro" \ --network host celestia-nitro:v 2.3 . 1 -rc. 1 --conf.file /config.json docker run --rm -v "HOME/Documents/configs/nodeConfig.json:/config.json:ro" \ --network host celestia-nitro:v 2.3 . 1 -rc. 1 --conf.file /config.json

Running a full node with validation

The information above applies tothe steps outlined to run a validating full node (validator).

Finally, note that this will require connection to a DA node, and we recommend running a Bridge node if you will be instantiating multiple rollups. [][[Edit this page on GitHub] Last updated: Previous page Quickstart: Deploy an Arbitrum Orbit rollup Next page Bridging in and out of your Orbit rollup[]