Arabica devnet

Arabica devnet is a testnet from Celestia Labs that is focused exclusively on providing developers with enhanced performance and the latest upgrades for testing their rollups and applications.

Arabica does not focus on validator or consensus-level testing, rather, that is what Mocha testnet is used for. If you are a validator, we recommend testing your validator operations on theMocha testnet .

Network stability and upgrades

Arabica has the latest updates from all Celestia's products deployed on it, it can be subject to many changes. Therefore, as a fair warning, Arabica can break unexpectedly, but given it will be continuously updated, it is a useful way to keep testing the latest changes in the software.

Developers can still deploy on Mocha testnet their sovereign rollups if they chose to do so, it just will always lag behind Arabica devnet until Mocha undergoes Hardfork Upgrades in coordination with Validators.

Network details

Detail Value Chain ID arabica-11 Genesis hash 27122593765E07329BC348E8D16E92DCB4C75B34CCCB35C640FD7A4484D4C711 Genesis file https://github.com/celestiaorg/networks/blob/master/arabica-11/genesis.json Peers file https://github.com/celestiaorg/networks/blob/master/arabica-11/peers.txt Validators 4

Software version numbers

Software Version celestia-node v0.13.1 celestia-app v1.7.0

Integrations

This guide contains the relevant sections for how to connect to Arabica devnet, depending on the type of node you are running. Your best approach to participating is to first determine which node you would like to run. Each node's guide will link to the relevant network in order to show you how to connect to them. Learn about the different endpoint typesin the Cosmos SDK documentation .

RPC endpoints

RPC endpoints and types of nodes you can run in order to participate in Arabica devnet:

Node type Endpoint type Endpoint Consensus nodes (full) Consensus RPC https://rpc.celestia-arabica-11.com API https://api.celestia-arabica-11.com gRPC grpc.celestia-arabica-11.com:443 Direct endpoints with open ports Open ports: 26656 (p2p), 26657 (RPC), 1317 (API), 9090 (GRPC) validator-1.celestia-arabica-11.com validator-2.celestia-arabica-11.com validator-3.celestia-arabica-11.com validator-4.celestia-arabica-11.com

Data availability nodes DA Bridge Node Endpoints /dns4/da-bridge-1.celestia-arabica-11.com/tcp/2121/p2p/12D3KooWGqwzdEqM54Dce6LXzfFr97Bnhvm6rN7KM7MFwdomfm4S (light ,bridge ,full)

/dns4/da-bridge-2.celestia-arabica-11.com/tcp/2121/p2p/12D3KooWCMGM5eZWVfCN9ZLAViGfLUWAfXP5pCm78NFKb9jpBtua /dns4/da-bridge-3.celestia-arabica-11.com/tcp/2121/p2p/12D3KooWEWuqrjULANpukDFGVoHW3RoeUU53Ec9t9v5cwW3MkVdQ /dns4/da-bridge-4.celestia-arabica-11.com/tcp/2121/p2p/12D3KooWLT1ysSrD7XWSBjh7tU1HQanF5M64dHV6AuM6cYEJxMPk --core.ip string endpoints Refer to "Direct endpoints with open ports" above You canfind the status of these endpoints .

Using consensus endpoints with DA nodes

Consensus RPC endpoints are used to provide DA nodes with state access for querying the chain's state and broadcasting transactions (balances, blobs, etc.) to the Celestia network.

Developers will need to provide a–core.ip string from a consensus node's URI or an IP that populates 2 ports for 2 types (RPC and gRPC, at ports 26657 and 9090, respectively) to their respective DA node.

EXAMPLE

bash celestia

< da_typ e

start

–core.ip

< ur l

–core.rpc.port

< por t

\ –core.grpc.port

< por t

\ celestia

< da_typ e

start

–core.ip

< ur l

–core.rpc.port

< por t

\ –core.grpc.port

< por t

\ RPCs for DA nodes to initialise or start your celestia-node to Arabica devnet with can be found in the table in the "Direct endpoints with open ports" section above.

As an example, this command will work to start a light node with state access, using default ports:

bash celestia

light

start

--p2p.netowrk

arabica

\ --core.ip

validator-1.celestia-arabica-11.com celestia

light

start

--p2p.netowrk

arabica

\ --core.ip

validator-1.celestia-arabica-11.com Bridge node runners

Not all of the RPC endpoints do not guarantee the full block history. Find an archive endpoint on the community dashboard or run your own consensus full node with no pruning for your bridge node.

Arabica devnet faucet

WARNING

USING THIS FAUCET DOES NOT ENTITLE YOU TO ANY AIRDROP OR OTHER DISTRIBUTION OF MAINNET CELESTIA TOKENS. THERE ARE NO PUBLIC SALES OF ANY MAINNET CELESTIA TOKENS.

Discord

You can request from Arabica devnet Faucet on the #arabica-faucet channel on Celestia's Discord server with the following command:

text request request Where is acelestia1** generated address.

NOTE

Faucet has a limit of 10 tokens per week per address/Discord ID.

Web

The web faucet is available at https://faucet.celestia-arabica-11.com/ .

Explorers

There are multiple explorers you can use for Arabica:

- https://arabica.celenium.io
- https://explorer.celestia-arabica-11.com
- https://celestiascan.com

Network upgrades

Join our Telegram announcement channel for network upgrades. [][Edit this page on GitHub] Last updated: Previous page Mocha testnet Next page Light node []