Hosted Nodes

How to get a preconfigured Celo blockchain node running on one of the major cloud providers.

Before getting started

cLabs currently provides machine images for launching full and lightest nodes on Alfajores and Mainnet. These prebuilt images are updated with every release of the Celo blockchain client and available on Amazon Web Services and Google Cloud Platform.

Before proceeding with a hosted Celo blockchain node, you'll need to have an account with your cloud provider of choice and basic knowledge of networking.

info If you would like to keep up-to-date with all the news happening in the Celo community, including validation, node operation and governance, please sign up to ourCelo Signal mailing list .

You can add theCelo Signal public calendar as well which has relevant dates. Currently cLabs provides the following machine images:

- celo-alfajores-full-node-latest
- celo-alfajores-lightest-node-latest
- celo-mainnet-full-node-latest
- celo-mainnet-lightest-node-latest

Please note that the time taken to sync a full node could be significant.

Google Cloud Platform

GCP by default won't display public machine images when you search for them in your console. This means you'll need to go via the API orgcloud command line to launch a node.

Depending on the type of node you'd like to launch (see the above list), thegcloud command to use may look a bit like this:

gcloud compute instances create < INSTANCE_NAME

--image

< IMAGE_NAME

--image-project devopsre --project

< YOUR_GCP_PROJECT

If you are running a image withfull syncmode, please increase the disk size and instance type, and optionally use aSSD disk:

--boot-disk-size 250 --boot-disk-type pd-ssd --machine-type = n2-standard-4 For full sync mode, it will take several days to sync the whole chain. You can check the status running the next command:

container_name

celo-full-node docker

exec

-it

container_name geth attach --exec

'eth.syncing' For more information please check the excellentGCP documentation on how to launch a compute instance from a public image. Edit this page Previous Run a Baklava Full Node Next Celo Mainnet Disclaimer