

Running a Celo RPC Node

Requirements

Before you start, be sure to install [Docker](#) . Once you have docker installed, you can continue onto the next step.

Install Celo Docker Image

Celo's node is built from a Docker image pulled using Docker CLI. This software is necessary to run a Celo RPC node. To get started, input the following in terminal:

```
export
```

CELO_IMAGE

```
us.gcr.io/celo-org/geth:mainnet docker pull CELO_IMAGE mkdir celo-data cd celo-data
```

Place your public address in an environmental variable

```
export
```

CELO_ACCOUNT_ADDRESS

```
< YOUR-ACCOUNT-ADDRESS
```

If you don't already have a Celo account address, create one using the following command:

```
docker run -v PWD :/root/.celo --rm -it CELO_IMAGE account new
```

Start your node

```
docker run --name celo-fullnode -d --restart unless-stopped --stop-timeout 300 -p 127.0.0.1:8545:8545 -p 127.0.0.1:8546:8546 -p 30303:30303 -p 30303:30303/udp -v PWD :/root/.celo CELO_IMAGE --verbosity 3 --syncmode full --http --http.addr 0.0.0.0 --http.api eth,net,web3,debug,admin,personal --light.serve 90 --light.maxpeers 1000 --maxpeers 1100 --etherbase CELO_ACCOUNT_ADDRESS --datadir /root/.celo You're now ready to serve RPC!
```

Apply to our Provider Incubation Program

In our current state of Testnet, there is an additional stage to pass through before you can become a provider on the Lava Network. Please fill out the [application form](#) for our Provider Incubation Program. Feel free to drop a line in our [Discord](#) once you've completed this step!

Setup your Provider on Lava Network

Once you've been accepted - to set up your provider on the Lava Network, you can refer to the [provider setup documentation](#) available elsewhere in our docs. This should provide you with the necessary information to configure and operate your provider node. [Edit this page](#) [Previous](#) [Getting Celo RPC](#) [Next](#) [CosmosHub x Lava](#)