

Running an Optimism RPC Node

Requirements

Before beginning, verify that your computer meets the following [system requirements](#) :

docker installed 16GB+ RAM 2TB SSD 10mb/s+ download

Install Through Docker

Running a node on Optimism is best accomplished through Docker, however, if you want to take the steps to build manually, you can consult the guide available [here](#) .

Clone the Repository

```
git clone https://github.com/smartcontracts/simple-optimism-node.git cd simple-optimism-node cp .env.example .env
```

Configure the Node

You'll need to open .env file and change the environmental variables of the file to your liking. Note that you may need to spin up a legacy node for full historical blocks. Make sure to fill in all variables in the REQUIRED section.

Start the node

```
docker compose --profile current up -d That's it! You're good to go.
```

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 Optimism RPC](#) [Next](#) [Solana x Lava](#)