






Setup Your Own Supra Node

The Supra validator node network is the backbone of the innovations we're bringing forth with our Tribes and Clans network design. This is the key behind Supra's ultimate super chain which vertically integrates multiple services on one blockchain network — a first-of-its-kind multi-purpose Layer 1.

IN A NUTSHELL

This quick-start guide will give you an overview of the process of setting up and operating a Supra Node on our blockchain network for Supra's upcoming public devnet.

WHAT DO YOU NEED TO RUN A SUPRA NODE?

-  System with minimum requirements
-  Docker Engine or Docker Desktop on your system [[get it here](#)]
-  Google Cloud CLI (gcloud CLI) [[get it here](#)]
-  Access to our Discord channel for Node Operators (request via [Discord](#))
-  Access to the Validator node image repository (ask our team on Discord)

We leverage Docker for ease of deployment and a Chrome extension wallet for managing your test tokens.

SYSTEM REQUIREMENTS

- ✓ Cores: 16 to 32
- ✓ RAM: 64G
- ✓ CPU: Intel® Xeon® Platinum CPU @ 2.8GHz speed or higher
- ✓ Architecture: x86/64
- ✓ Minimum Disk Size: 2TB
- ✓ Disk Type: SSD
- ✓ Network Bandwidth: 1Gbps

HOW IT WORKS

Be sure to authorize gcloud and Docker to pull the image from the image repository by running the following commands.

- ✓ gcloud auth login
- ✓ gcloud auth configure-docker asia-docker.pkg.dev

SETTING UP YOUR NODE

1. Download the Docker Image
2. Create Key Pairs
3. Get Key Definition for DKGs
4. Add smr_setting.json
5. Monitor Our Discord Channel
6. Install the Chrome Extension Wallet
7. Create a Wallet Address
8. Collect Test Tokens from the DevNet Faucet

Reach out to us on [Discord](#) for help with any challenges in the process.

ADDITIONAL NOTES & RESOURCES

Visit the full guide 

Get a more detailed walkthrough of the technical steps with the complete guide on our developer documentation.