# Node configuration

## Prerequisites

- Operating system:
- MacOS(x86 intel chip) or Ubuntu (tested on 18.04).
- Hardware:
- 4 cores, 8-16GB RAM, 512 GB drive, arm64 or amd64. Recommended 6-8 cores, 16-32 GB RAM, 1 TB+ drive.
- Increase the maximum number of open files on your system. Example:ulimit -n 16384
- . You may wish to add this command to your shell profile so that you don't need to execute it next time you restart your machine.
- [CLI configuration](#)
- .

> Tip: Planning to run your own validator? Validators have different hardware requirements. See[Validator setup](#) .

## Download binaries and initialize configuration

Clone the[axelerate-community](#) repo:

git clone https://github.com/axelarnetwork/axelarate-community.gitcd axelarate-community Bash Copy Runsetup-node.sh to download theaxelard binary and configure your node:

./scripts/setup-node.sh-n [ mainnet| testnet] Bash Copy Some additional flags:

- -a
- : Version ofaxelard
- .
- -d
- : Home directory path.
- --help
- : Print a complete list of flags.

### Verifying Binaries

By default, the binary signatures are downloaded and the binary is verified using the[axelardev](#) PGP key. To verify the binary manually, you can download the PGP signature and verify using the following commands:

curl https://keybase.io/axelardev/key.asc| gpg--import gpg--verify [ axelard_binary_signature_path] [ axelard_binary_path] Bash Copy On github the signatures are attached to the releases. To download the signatures from the axelar-releases AWS Bucket, you can add.asc to the end of the binary URL. For example, if the path of the binary is:

https://axelar-releases.s3.us-east-2.amazonaws.com/axelard/v0.26.0/axelard-darwin-arm64-v0.26.0 Bash Copy The path for the signature will be:

https://axelar-releases.s3.us-east-2.amazonaws.com/axelard/v0.26.0/axelard-darwin-arm64-v0.26.0.asc Bash Copy

## Home directory

By default thesetup-node.sh script sets the home directory for your node as follows:

Network Home directory path mainnet HOME/.axelar testnet HOME/.axelar_testnet On a fresh installsetup-node.sh puts the following in your node's home directory:

.axelar ├── bin | ├── axelard -> /Users/gus/.foo/bin/axelard-vx.y.z | └── axelard-vx.y.z ├── config | ├── app.toml | ├── config.toml | ├── genesis.json | └── seeds.toml ├── lib | └── libwasmvm. {arch}.so └── logs [Edit this page](#)