Run EthSigner from Docker image

A Docker image is provided to run EthSigner in a Docker container.

Prerequisites

- [Docker](#)
- MacOS or Linux

caution The Docker image does not run on Windows.

Quickstart

Display the EthSigner command line help using the Docker image:

- Latest
- Example

docker run consensys/ethsigner:latest --help tip latest runs the latest cached version. To pull the latest version, usedocker pull consensys/ethsigner:latest . You can specify[environment variables](#) with the docker image instead of the command line options. docker run --mount type = bind,source = /home/me/me_node,target = /var/lib/ethsigner -e ETHSIGNER_CONFIG_FILE = /var/lib/ethsigner/config.toml consensys/ethsigner:latest file-based-signer

Expose listening port

To use the default listening port (8545) or the port specified using [--http-listen-port](#) , you must expose the listening port.

To run EthSigner exposing listening port for access:

docker run -p < listenPort

:8545 consensys/ethsigner:latest < options

info To run EthSigner using[file-based signing](#) using the default listing port and 8590 as the downstream port:

docker run -p < listenPort

:8545 -v < ~/myKeyFile

:/opt/ethsigner/keyfile -v < ~/myPasswordFile

:/opt/ethsigner/passwordfile consensys/ethsigner:latest --chain-id

2018 --downstream-http-host = < PantheonHost

--downstream-http-port

8590 --http-listen-host = 0.0 .0.0 file-based-signer -k /opt/ethsigner/keyfile -p /opt/ethsigner/passwordfile[Edit this page](#) Last updatedonMar 30, 2023 byEric Lin[Previous Install binary distribution](#) [Next Build from source](#)