

Using the EthSigner configuration file

To specify command line options in a file, use a TOML configuration file.

Save the configuration file and reuse it across node startups. To specify the configuration file, use the [--config-file](#) option.

To override an option specified in the configuration file, either specify the same option on the command line or as an [environment variable](#). For options specified in more than one place, the order of precedence is command line, environment variable, configuration file.

TOML specification

The configuration file must be a valid TOML file composed of key/value pairs. Each key is the same as the corresponding command line option name without the leading dashes (--). For [subcommands](#), prefix the key with the name of the subcommand. For example, `multikey-signer.directory=`

note Subcommands cannot be specified in the configuration file, you can only specify a subcommand's associated options. The signing key subcommand must be specified on the command line. Values must conform to TOML specifications for string, numbers, arrays, and booleans. Specific differences between the command line and the TOML file format are:

- Comma-separated lists on the command line are string arrays in the TOML file.
- Enclose file paths, hexadecimal numbers, URLs, and values in quotes.

tip The [command line reference](#) includes configuration file examples for each option. Sample TOML configuration file

Chain

```
chain-id=2017
```

Path

```
data-path="/~/.ethsignerdata" # Path
```

Ethereum client (Besu)

```
downstream-http-host="localhost" downstream-http-port=8545
```

Signing options

file-based

```
file-based-signer.key-file="/Users/me/my_node/transactionKey" file-based-signer.password-  
file="/Users/me/my_node/password.txt"
```

multi-key

`multikey-signer.directory="/Users/me/keys"` The sample TOML file specifies options for the `file-based-signer` and `multikey-signer` subcommands. However, you can only start EthSigner using one signing subcommand.

Starting EthSigner with a configuration file `ethsigner --config-file = /home/me/me_node/config.toml multikey-signer` [Edit this page](#) Last updated on Mar 30, 2023 by Eric Lin [Previous Using EthSigner with HashiCorp Vault](#) [Next Configure TLS](#)