

# Overview

EthSigner acts as a proxy service by forwarding requests to the Ethereum client. When EthSigner receives a transaction it generates a signature using the stored private key, and forwards the signed transaction to the Ethereum client.

EthSigner can sign transactions with keys stored in:

- [AV3 keystore file](#)
- stored on a file system accessible by the host.
- [HashiCorp Vault](#)
- .
- [Azure Key Vault](#)
- .

note \* The [file-based-signer](#) \* [.hashicorp-signer](#) \* , and [azure-signer](#) \* command line options are used for a [single key only](#) \* .

\* The [multikey-signer](#) \* command line option is used for [one or more keys](#) \* . The transaction process when using EthSigner is: [Edit this page](#) Last updated on Mar 30, 2023 by Eric Lin [Previous Concepts](#) [Next TLS communication](#)