

Usage

When connecting to different networks using mev-boost, specify the desired network using its dedicated flag. Here are the available Network Flags:

Network Flag Mainnet -mainnet Goerli Testnet -goerli Sepolia Testnet -sepolia Kiln -kiln Ropsten -ropsten You can add multiple relays comma-separated to the-relays flag, like this:-relays RELAY_URL_1,RELAY_URL_2 . Refer to ETH staker[Relay List](#) for a list of available relays.

Mainnet Relay

Run mev-boost pointed at our[Mainnet Relay](#) :

```
./mev-boost -mainnet -relay-check -relays https://0xac6e77dfe25ecd6110b8e780608cce0dab71dd5e22a16c0205200f2f8e2e3ad3b71d3499c54ad14d6c21b41a37ae@boost-relay.flashbots.net
```

Goerli testnet

Run mev-boost pointed at our[Goerli Relay](#) :

```
./mev-boost -goerli -relay-check -relays https://0xaf4c6985aa049fb79dd37010438cfcebe0f2bd42b115b89dd678dab0670c1de38da0c4e9138c9290a398ecd9a0b3110@builder-relay-goerli.flashbots.net
```

Sepolia testnet

Run mev-boost pointed at our[Sepolia Relay](#) :

```
./mev-boost -sepolia -relay-check -relays https://0x845bd072b7cd566f02faeb0a4033ce9399e42839ced64e8b2adcfc859ed1e8e1a5a293336a49feac6d9a5edb779be53a@builder-relay-sepolia.flashbots.net
```

mev-boost CLI arguments

```
./mev-boost -help Usage of ./mev-boost: -addr string listen-address for mev-boost server (default "localhost:18550") -debug shorthand for '-loglevel debug' -genesis-fork-version string use a custom genesis fork version -goerli use Goerli -json log in JSON format instead of text -loglevel string minimum loglevel: trace, debug, info, warn/warning, error, fatal, panic (default "info") -mainnet use Mainnet -relay-check check relay status on startup and on the status API call -relay-monitors string relay monitor urls - single entry or comma-separated list (scheme://host) -relays string relay urls - single entry or comma-separated list (scheme://pubkey@host) -request-timeout-getheader int timeout for getHeader requests to the relay [ms] (default 950) -request-timeout-getpayload int timeout for getPayload requests to the relay [ms] (default 4000) -request-timeout-regval int timeout for registerValidator requests [ms] (default 3000) -sepolia use Sepolia -version only print version
```

Verifying Your Setup

You can check if you setup works by looking up the validator registration of your proposer using the [Relay Data API](#) .

For example, let's suppose that your validator's public key is0xb606e206c2bf3b78f53ebff8be8e8d4af2f0da68646b5642c4d511b15ab5ddb122ae57b48eab614f8ca5bafbe75a5999 . You can check if your validator is registered by querying the following endpoint:

```
https://boost-relay.flashbots.net/relay/v1/data/validator_registration?pubkey=0xb606e206c2bf3b78f53ebff8be8e8d4af2f0da68646b5642c4d511b15ab5ddb122ae57b48eab614f8ca5bafbe75a5999
```

Below is the response:

```
{ "message": { "fee_recipient": "0x6db5c947ba388f0e708c03339d534af9fae5679c", "gas_limit": "30000000", "timestamp": "1663063595", "pubkey": "0xb606e206c2bf3b78f53ebff8be8e8d4af2f0da68646b5642c4d511b15ab5ddb122ae57b48eab614f8ca5bafbe75a5999" }, "signature": "0x94f1f635336f8c38909842f06550026bbc198f892c6a79c22a3365e547e87665e31feccacda3533ef3cf8e2c965e03d1594cf8e981dfc75011b4d237552386377bcea714bcfb78d303fe5624625e1bbb8b23f" } } The fee_recipient field should match the address you provided when registering your validator. If it does, then your setup is working correctly. Edit this page Last updated on Jan 30, 2024 Previous Installation Next Troubleshooting
```