Running a Validator

Note: failure to set up below configurations on a validator node may compromise chain functionality.

Ethereum RPC Endpoint

For the chain to process bridge transactions from Ethereum, Ethereum testnet, or other chain that supports theeth_getLogs RPC method, the bridge daemon queries an RPC endpoint for logs emitted by the bridge contract. By default, a node will use a public testnet endpoint that may have rate-limiting, low reliability, or other restricted functionality.

For your node to successfully ingest bridge transactions from the relevant blockchain, you are required to specify your own private RPC endpoint with flag--bridge-daemon-eth-rpc-endpoint in the command you run when starting the node.

The RPC endpoint you chooseMUST satisfy the following requirements

- supportseth_chainId
- method
- supportseth_getLogs
- method
- supports"finalized"
- as an input totoBlock
- parameter (Erigon is currently the only major Ethereum node software that does not support this.)

Slinky Sidecar

Starting inv5.0.0 , running a validating full node requires a Skip Protocol's Slinky Sidecar to be run in order to fetch Oracle prices. The sidecar should be started before upgrading fromv4 tov5 . Instructions to start Slinky Sidecar can be foundhere(opens in a new tab) .

Support issues with Skip's Sidecar should be directedhere(opens in a new tab) .

For mainnet deployment by dYdX Operation Services, Ltd. run:v0.4.6 (opens in a new tab) (ghcr.io/skip-mev/slinky-sidecar:v0.4.6)

For testnet run:v0.4.6 (opens in a new tab) (ghcr.io/skip-mev/slinky-sidecar:v0.4.6)

Last updated onMay 29, 2024 Running a Full Node Snapshots