seid tendermint light

Run a light client proxy server, verifying Tendermint rpc.

All calls that can be tracked back to a block header by a proof will be verified before passing them back to the caller. Other than that, it will present the same interface as a full Tendermint node.

Furthermore to the chainID, a fresh instance of a light client will need a primary RPC address and a trusted hash and height. It is also highly recommended to provide additional witness RPC addresses, especially if not using sequential verification.

To restart the node, thereafter only the chainID is required.

When /abci_query is called, the Merkle key path format is:

/{store name}/{key}

Please verify with your application that this Merkle key format is used (true for applications built w/ Cosmos SDK).

Usage: seid tendermint light [chainID] [flags]

Examples: light cosmoshub-3 -p http://52.57.29.196:26657 -w http://public-seed-node.cosmoshub.certus.one:26657 --height 962118 --hash 28B97BE9F6DE51AC69F70E0B7BFD7E5C9CD1A595B7DC31AFF27C50D4948020CD

Flags: -d, --dir string specify the directory (default "~/.tendermint-light") --hash bytesHex Trusted header's hash --height int Trusted header's height (default 1) -h, --help help for light --laddr string serve the proxy on the given address (default "tcp://localhost:8888") --log-format string The logging format (text|json) (default "plain") --log-level string The logging level (debug|info|warn|error|fatal) (default "info") --max-open-connections int maximum number of simultaneous connections (including WebSocket). (default 900) -p, --primary string connect to a Tendermint node at this address --sequential sequential verification. Verify all headers sequentially as opposed to using skipping verification --trust-level string trust level. Must be between 1/3 and 3/3 (default "1/3") --trusting-period duration trusting period that headers can be verified within. Should be significantly less than the unbonding period (default 168h0m0s) -w, --witnesses string tendermint nodes to cross-check the primary node, comma-separated

Global Flags: --home string directory for config and data (default "~/.sei") --log_format string The logging format (json|plain) --log_level string The logging level (trace|debug|info|warn|error|fatal|panic) --trace print out full stack trace on errors Last updated onJuly 1, 2024 key-migrate reindex-event