

Testnet State Sync

Note: This documentation assumes you have followed the instructions for [Running a Full Node for Testnet](#).

WARNING: This will erase your node database. If you are already running validator, be sure you backed up your `config/priv_validator_key.json` and `config/node_key.json` prior to running `unsafe-reset-all`. The state-sync configuration in `~/secretcli/config/app.toml` is as follows:

...

Copy

snapshot-interval specifies the block interval at which local state sync snapshots are

taken (0 to disable). Must be a multiple of pruning-keep-every.

```
snapshot-interval=2000
```

snapshot-keep-recent specifies the number of recent snapshots to keep and serve (0 to keep all).

```
snapshot-keep-recent=10
```

...

1. Set `SNAP_RPC` variable to a snapshot RPC

...

```
Copy SNAP_RPC="http://rpc.pulsar-3.secretsaturn.net"
```

...

Set the state-sync `BLOCK_HEIGHT` and fetch the `TRUST_HASH` from the snapshot RPC. The `BLOCK_HEIGHT` to sync is determined by finding the latest block that's a multiple of `snapshot-interval`.

...

```
Copy BLOCK_HEIGHT=(curl -s $SNAP_RPC/block | jq -r .result.block.header.height | awk '{print 1 - (1 % 2000)}'); \
TRUST_HASH=(curl -s $SNAP_RPC/block?height=$BLOCK_HEIGHT" | jq -r .result.block_id.hash)
```

...

1. Check variables to ensure they have been set

...

```
Copy echo BLOCK_HEIGHT TRUST_HASH
```

output should be something similar to:

3506000

FCB54D74A4A33F8C1CC18A7240D76D87CB192A89C17837C4DB6C6140612DDFEB

...

1. Set the required variables in `~/secretcli/config/config.toml`

...

```
Copy sed -i.bak -E "s|^(enable[[:space:]]+=[[:space:]]+).|1true| ; \ s|^(rpc_servers[[:space:]]+=[[:space:]]+)|1\"http://rpc.pulsar-3.secretsaturn.net:26657,http://secret-testnet-rpc.01no.de:26657\"| ; \ s|^(trust_height[[:space:]]+=[[:space:]]+).|1BLOCK_HEIGHT| ; \ s|^(trust_hash[[:space:]]+=[[:space:]]+)|1\"TRUST_HASH\"| ; \ s|(seeds[[:space:]]+=[[:space:]]+).*|1\"\"|\" HOME/secretcli/config/config.toml"
```

...

1. Stop the node and reset the node database

WARNING: This will erase your node database. If you are already running validator, be sure you backed up your `config/priv_validator_key.json` and `config/node_key.json` prior to running `unsafe-reset-all`. It is recommended to copy `data/priv_validator_state.json` to a backup and restore it after `unsafe-reset-all` to avoid potential double signing.

...

```
Copy sudo systemctl stop secret-node && secretcli tendermint unsafe-reset-all --home ~/secretcli/
```

...

1. Restart node and check logs

This generally takes several minutes to complete, but has been known to take up to 24 hours.

...

```
Copy sudo systemctl restart secret-node && journalctl -fu secret-node
```

...

Last updated 5 months ago On this page * [1. Set SNAP_RPC variable to a snapshot RPC](#) * [2. Check variables to ensure they have been set](#) * [3. Set the required variables in ~/secretcli/config/config.toml](#) * [4. Stop the node and reset the node database](#) * [5. Restart node and check logs](#)

Was this helpful? [Edit on GitHub](#) [Export as PDF](#)