

Becoming A Validator

Creating a Validator

Got questions or need help with becoming a validator?

- You can find help in Telegram [here](#)
- Visit the Secret Network Discord [here](#)
- and ask in #node-discussion or #node-support for help * In order to become an active validator, you must have more stake than the [bottom validator](#) . You may still execute the following steps, but you will not be active and therefore won't receive staking rewards.

Run a Full Node

In order to become a validator, your node must be fully synced with the network, using either the [Quicksync / Snapshot](#) or [Statesync](#) .

After you completed these steps, you can check this by doing:

```

Copy secretstatus

```

When the value of catching_up is false , your node is fully sync'd with the network and ready to go.

```

```
Copy "sync_info":{
"latest_block_hash":"7BF95EED4EB50073F28CF833119FDB8C7DFE0562F611DF194CF4123A9C1F4640",
"latest_app_hash":"7C0C89EC4E903BAC730D9B3BB369D870371C6B7EAD0CCB5080B5F9D3782E3559",
"latest_block_height":"668538", "latest_block_time":"2020-10-31T17:50:56.800119764Z",
"earliest_block_hash":"E7CAD87A4FDC47DFDE3D4E7C24D80D4C95517E8A6526E2D4BB4D6BC095404113",
"earliest_app_hash":"", "earliest_block_height":"1", "earliest_block_time":"2021-09-15T14:02:31Z", "catching_up":false },
```

```

Confirm Wallet is Funded:

This is the secret wallet which you used **** to create your full node, and will use to delegate your funds to your own validator. You must delegate at least 1 SCRT (1000000uscrt) from this wallet to your validator.

```

Copy secretdqbankbalances(secretdkeyssh-a)

```

If you get the following message, it means that you have no tokens, or your node is not yet synced:

```

Copy ERROR:unknownaddress:accountsecret1xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxdoesnotexist

```

Backup Validator Key

Before creating your validator, [backup your validator key](#).

WARNING: if you don't backup your key and your node goes down, you will lose your validator and have to start a new one.

Create Validator

Remember 1 SCRT = 1,000,000 uSCRT, and so the command below stakes 10 SCRT ```

```
Copy secrettxstakingcreate-validator\ --amount=10000000uscrt\ --pubkey=(secretdtendermintshow-validator)\ --identity={KEYBASE_IDENTITY}\ --details="To infinity and beyond!" --commission-rate="0.10" --commission-max-rate="0.20" --commission-max-change-rate="0.01" --min-self-delegation="1" --moniker=\ --from=
```

...

Confirm Validator is Created

You should see your moniker listed.

...

Copy `secretqstakingvalidators|grepmoniker`

...

Important CLI Commands for Validators

Staking More Tokens

(remember 1 SCRT = 1,000,000 uSCRT)

In order to stake more tokens beyond those in the initial transaction, run:

...

Copy `secret tx staking delegate (secretcli keys show --bech=val -a) usrt --from`

...

Editing Your Validator

...

Copy `secret tx staking edit-validator \ --new-moniker " " \ --website "https://scrt.network" \ --identity 6A0D65E29A4CBC8E \ -details "To infinity and beyond!" \ --chain-id \ --from \ --commission-rate "0.10"`

...

Seeing Your Rewards From Being A Validator

...

Copy `secret q distribution rewards (secretcli keys show -a)`

...

Seeing Your Commissions From Your Delegators

...

Copy `secret q distribution commission (secretcli keys show -a --bech=val)`

...

Withdrawing Rewards

...

Copy `secret tx distribution withdraw-rewards (secretcli keys show --bech=val -a) --from`

...

Withdrawing Rewards+Commissions

...

Copy `secret tx distribution withdraw-rewards (secretcli keys show --bech=val -a) --from --commission`

...

Removing Your Validator

Currently deleting a validator is not possible. If you redelegate or unbond your self-delegations then your validator will become offline and all your delegators will start to unbond.

Changing Your Validator's Commission-Rate

You are currently unable to modify the--commission-max-rate and--commission-max-change-rate" parameters.

Modifying the commision-rate can be done using this:

...

Copy secretd tx staking edit-validator --commission-rate="0.05" --from

...

Slashing

Unjailing

To unjail your jailed validator

...

Copy secretd tx slashing unjail --from

...

Signing Info

To retrieve a validator's signing info:

...

Copy secretd q slashing signing-info

...

Query Parameters

You can get the current slashing parameters via:

...

Copy secretd q slashing params

...

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