

Query Transactions

Matching a Set of Events

Querying transaction commands use the following format:

...

Copy `secretcliquerytx \ --type=[hash|acc_seq|signature] \ [hash|acc_seq|signature] \ [flags]`

...

Use the transaction search command to query for transactions matching a specific set of events , which are added on every transaction.

Each event contains a key-value pair in the form of {eventType}.{eventAttribute}={value} .

Events can be combined to query for more specific results using the & symbol.

You can query transactions by events as follows:

...

Copy `secretcliqtxs --events='message.sender=secret1...'`

...

And for using multiple events :

...

Copy `secretcliqtxs --events='message.sender=secret1...&message.action=withdraw_delegator_reward'`

...

The pagination is supported as well via page and limit :

...

Copy `secretcliqtxs --events='message.sender=secret1...' --page=1 --limit=20`

...

Note: The action tag always equals the message type returned by the Type() function of the relevant message.

Events List

You can find a list of available events on each of the SDK modules:

- [Staking events](#)
- [Governance events](#)
- [Slashing events](#)
- [Distribution events](#)
- [Bank events](#)
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Matching a Transaction Hash

You can query a single transaction by its hash using the following command:

...

Copy `secretcliqtx [hash]`

...

Flags

There are four flags associated with querying Secret Network transactions using the `secretcli`.

Height

The--height [int] flag uses a specific height to query the state of the Secret Network (there will be an error if the node is pruning state).

Node

The--node [string] flag uses : to connect with the Tendermint RPC for a specific chain (default is "tcp://localhost:26657").

Type

The--type [string] flag is for querying a tx, and can be the 'hash' (default), 'acc_seq', or 'signature'.

Help

The--help flag will generate an output giving further details on flags to use with the tx class of secretcli commands, and information about global flags to use with the secretcli .

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