# #

Token

Token module allows you to manage assets on IRIS Hub

# #

Available Commands

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# #

iris tx token issue

Issue a new token

iris tx token issue[flags] Flags:

Name, shorthand Type Required Default Description --name string Yes

Name of the newly issued token, limited to 32 unicode characters, e.g. "IRIS Network" --symbol string Yes

The symbol of the token, length between 3 and 8, alphanumeric characters beginning with alpha, case insensitive --initial-supply uint64 Yes

The initial supply of this token. The amount before boosting should not exceed 100 billion. --max-supply uint64

1000000000000 The hard cap of this token, total supply can not exceed max supply. The amount before boosting should not exceed 1000 billion. --min-unit string

The alias of minimum uint --scale uint8 Yes

A token can have a maximum of 18 digits of decimal --mintable boolean

false Whether this token could be minted(increased) after the initial issuing

# #

Issue a token

iris tx token issue\ --name = "Kitty Token" \ --symbol = "kitty" \ --min-unit= "kitty" \ --scale = 0 \ --initial-supply= 100000000000 \ --max-supply= 1000000000000 \ --mintable = true\ --from = < key-name> \ --chain-id= < chain-id> \ --fees = < fee>

# #

Send tokens

You can send any tokens you have just like [sending iris](#)

# #

Send tokens

iris tx bank send[from_key_or_address] [to_address] [amount] [flags]

# #

iris tx token edit

Edit an existing token

iris tx token edit[symbol] [flags] Flags:

Name Type Required Default Description --name string

The token name, e.g. IRIS Network --max-supply uint64

0 The max supply of the token --mintable bool

false Whether the token can be minted, default to false max-supply should not be less than the current total supply

[#](#)

Edit Token

iris tx token edit< symbol> --name = "Cat Token" --max-supply= 100000000000 --mintable = true--from = < key-name> --chain-id= < chain-id> --fees = < fee>

[#](#)

iris tx token transfer

Transfer the ownership of a token

iris tx token transfer[symbol] [flags] Flags:

Name Type Required Default Description --to string Yes

The new owner address

[#](#)

Transfer Token Owner

iris tx token transfer< symbol> --to = < to> --from = < key-name> --chain-id= < chain-id> --fees = < fee>

[#](#)

iris tx token mint

Mint tokens to a specified address

iris tx token mint[symbol] [flags] Flags:

Name Type Required Default Description --to string

Address to which the token will be minted, default to the owner address --amount uint64 Yes 0 Amount of the tokens to be minted

[#](#)

iris tx token swap-fee

Swap one token with another token. For example, this feature can be used to exchangeIRIS forERIS .

iris tx token swap-fee[fee_paid] --to [reciever] Flags:

Name Type Required Default Description --to string Yes

Address to which the token will be swaped

[#](#)

Mint Token

iris tx token mint< symbol> --amount = < amount> --to = < to> --from = < key-name> --chain-id= < chain-id> --fees = < fee>

[#](#)

iris tx token burn

Burn some tokens

iris tx token burn[symbol] [flags] Flags:

Name Type Required Default Description --amount uint64 Yes 0 Amount of the tokens to burnt

Burn Token

iris tx token burn< symbol> --amount = < amount> --from = < key-name> --chain-id= < chain-id> --fees = < fee>

iris query token token

Query a token by symbol

iris query token token[denom] [flags]

Query a token

iris query token token< denom>

iris query token tokens

Query tokens by the owner which is optional

iris query token tokens[owner] [flags]

Query all tokens

iris query token tokens

Query tokens with the specified owner

iris query token tokens< owner>

iris query token fee

Query the token related fees, including token issuance and minting

iris query token fee[symbol] [flags]

Query fees of issuing and minting a token

iris query token fee kitty

iris query token params

Query token module params

iris query token params[flags]

#

Query token module params

iris query token params

iris query token total-burn

Query the total amount of all burn tokens

iris query token total-burn[flags]

Query the total amount of all burn tokens

iris query token total-burn