

Fees & Gas

On the Secret Network gas is a special unit used for tracking the the use of resources during code execution (usually paid by the transaction sender). Gas fees are normally paid to execute read / write commands, but can also be used to pay for more resource intensive computational tasks.

Gas primarily serves two purposes:

1. To ensure each block is not over consuming resources, and that each block will be finalized on-chain. The cost of gas
2. consumed during [message](#)
3. execution results in a fee
4. where fees = gas * gas-prices
5. .
6. To prevent end-users from spamming and abusing the Secret Network. Most applications implement fee mechanisms to prevent spam, but the `secretcli`
7. does not enforce gas pricing by default.
- 8.

Each transaction supplies fees or gas prices, but never both.

Validators have a minimum gas price (multi-denom) configuration used to determine if they should include a transaction in a block during `CheckTx`, where `gasPrices >= minGasPrices`.

Note : Transactions must supply fees greater than or equal to any fees set by validators. Validators may start to prioritize transactions by `gasPrice` in the mempool, increasing transaction priority based on fees or gas prices.

e.g.

...

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`secretcli tx bank send [from_key_or_address] [to_address] [amount] [flags]`

```
secretclitxbanksend...--fees=50000uscrt
```

...

or

...

```
Copy secretclitxbanksend...--gas-prices=0.0125uscrt
```

...

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