

# Validator

No description

The validator's address.

Validator's set of credentials such as public keys, network addresses and others.

Validator's set of credentials for the next epoch.

Validator's name.

Validator's description.

Validator's url containing their custom image.

Validator's homepage URL.

The validator's current valid Cap object. Validators can delegate the operation ability to another address. The address holding this Cap object can then update the reference gas price and tallying rule on behalf of the validator.

The staking pool is a wrapped object. Access its fields directly on the Validator type.

The validator's current staking pool object, used to track the amount of stake and to compound staking rewards.

The ID of this validator's `0x3::staking_pool::StakingPool`.

The exchange object is a wrapped object. Access its dynamic fields through the `exchangeRatesTable` query.

The validator's current exchange object. The exchange rate is used to determine the amount of SUI tokens that each past SUI staker can withdraw in the future.

A wrapped object containing the validator's exchange rates. This is a table from epoch number to `PoolTokenExchangeRate` value. The exchange rate is used to determine the amount of SUI tokens that each past SUI staker can withdraw in the future.

Number of exchange rates in the table.

The epoch at which this pool became active.

The total number of SUI tokens in this pool.

The epoch stake rewards will be added here at the end of each epoch.

Total number of pool tokens issued by the pool.

Pending stake amount for this epoch.

Pending stake withdrawn during the current epoch, emptied at epoch boundaries.

Pending pool token withdrawn during the current epoch, emptied at epoch boundaries.

The voting power of this validator in basis points (e.g.,  $100 = 1\%$  voting power).

The reference gas price for this epoch.

The fee charged by the validator for staking services.

The total number of SUI tokens in this pool plus the pending stake amount for this epoch.

The validator's gas price quote for the next epoch.

The proposed next epoch fee for the validator's staking services.

The number of epochs for which this validator has been below the low stake threshold.

The addresses of other validators this validator has reported.

The APY of this validator in basis points. To get the APY in percentage, divide by 100.

[ValidatorConnection](#) object • [ValidatorEdge](#) object