

Module sui_system::validator_cap

The capability object is created when creating a new Validator or when the validator explicitly creates a new capability object for rotation/revocation. The holder address of this object can perform some validator operations on behalf of the authorizer validator. Thus, if a validator wants to separate the keys for operation (such as reference gas price setting or tallying rule reporting) from fund/staking, it could transfer this capability object to another address. To facilitate rotating/revocation, Validator stores the ID of currently valid [UnverifiedValidatorOperationCap](#) . Thus, before converting [UnverifiedValidatorOperationCap](#) to [ValidatorOperationCap](#) , verification needs to be done to make sure the cap object is still valid.

Privileged operations require [ValidatorOperationCap](#) for permission check. This is only constructed after successful verification.

Should be only called by the friend modules when adding a Validator or rotating an existing validaoatr's operation_cap_id.

Convert an [UnverifiedValidatorOperationCap](#) to [ValidatorOperationCap](#) . Should only be called by [validator_set](#) module AFTER verification.

Struct

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