# Slashing a validator

The chain supports slashing of misbehaving validators through governance vote.

## Proposal Message

The proposal should contain a single [MsgSlashValidator(opens in a new tab)](#) message for each validator that should be slashed.

Notes:

- The slashing will occur when the proposal is passed, not the infraction_height
- .
- The infraction_height
- must be set so that time(proposal pass height) - time(infraction_height) < unbonding period
- . Typically a good choice for infraction_height
- is the current height unless there is a recent unbonding undelegation/redelegation that should be included in the slash. In that case the infraction_height
- should be set prior to the initiation of the undelegation/redelegation.
- Both tokens_at_infraction_height
- and slash_factor
- must be set correctly, otherwise undelegations and redelegations might be slashed disproportionately to the rest of the validator's stake. tokens_at_infraction_height * slash_factor
- determines the total amount of tokens to be slashed. Unbonding delegations and redelegations are first slashed by slash_factor
- , and then the remaining amount is taken from the validator's stake.
- The x/staking HistoricalInfo
- query endpoint can be used to find the correct value for tokens_at_infraction_height
- .
- See the [MsgSlashValidator(opens in a new tab)](#)
- inline comments for further details on the above requirements.

### Example Proposal Json

Below is an example proposal JSON file to propose a slashing a validator's total bonded tokens (both user delegated and self-delegated) by 0.2 at block height 5000. In other words:

- assuming that the proposal passes governance vote
- assuming that the validator has 1000 total bonded tokens at height 5000
- once the proposal is passed, the validator will lose 200 tokens
- if there are unbonding undelegations and redelegations since height 5000, they will lose 0.2 of their stake, and the remaining will be taken from the validator for a total of 200 tokens lost

{ "title" :

"Slash a validator" , "summary" :

"We are proposing to slash this misbehaving validator for X reasons." , "deposit" :

"10000000000000000000000000adv4tnt" , "messages" : [ { "@type" :

"/dydxprotocol.govplus.MsgSlashValidator" , "authority" :

"dydx10d07y265gmmuvt4z0w9aw880jnsr700jnmapky" , "validator_address" :

"dydxvalcons1z79h40nmd777scs93qjxaeak8m2cl6hpqg2rx9" , "slash_factor" :

"0.2" , "tokens_at_infraction_height" :

"1000" , "infraction_height" :

5000 } ] }

## Submitting an Onchain Proposal

Follow instructions [here](#) to submit an onchain proposal.