Proposal: Increase the Active Validator Set to 125

Dymension continues to make strides as the Home of the RollApps within the Cosmos ecosystem and beyond, evolving in tandem with the burgeoning activity on the chain. With the successful launch of the Dymension chain and the increase max_bytes and max_gas in BlockParams, it is evident that our ecosystem is expanding rapidly. In light of this growth, we propose to further enhance the infrastructure by increasing the number of active validators from the current 100 to 115.

Background:

The Dymension commenced with an active set of 100 validators, that left some proficient validators, supporting the protocol from scratch, out of active set. Since the launch, the chain has demonstrated stability and remained incident-free. However, the Dymension validator community has experienced substantial growth, resulting in a considerably high minimum stake requirement for active validators.

Notably, other Cosmos-based chains, including Osmosis and Juno, have successfully raised their validator caps to 150. This illustrates the feasibility and positive impact of such parameter upgrades.

What do we propose?

This proposal advocates for an increase in the number of active validators to 115. By doing so, we aim to provide smaller and newer validators with an opportunity to be actively involved in the Dymension ecosystem growth. This adjustment will not only foster a more inclusive validator community but will also encourage greater delegation from the broader community.

As a dedicated validator ourselves, jayjay Validator believes that the continued growth of the validator ecosystem is pivotal for fostering collaboration and overall network expansion.

Community Input:

We invite feedback from the community on this proposed adjustment. Do you support increasing the validator set size to 115? If not, we are eager to hear any concerns or considerations you may have against this upgrade. Your insights are invaluable in shaping the future trajectory of the Dymension.

[UPDATED]

After a long discussion with all regardless members of the Dymension ecosystem and taking into account all expressed thoughts and concerns, we are eager to update our proposal and expand the Validator Active Set to 125.

Pros:

- From Validator Rank 116 to 125 - are still 2.7M $DYM delegations in the inactive set and not earning any rewards for delegators/validators.

- There is neglect-able negative impact expending the set straight to 125 Validators.

- Among the Validators in the inactive set are many great community validators which couldn't make it in against major whales, such as: Cosmospug, Stakelab, Dora, Danku_zone, Oni Validator, SmartStake, we hope to encourage them to further contribute

- Sooner or later the set needs to be expanded again anyway and onboarding the community validators already could align them right away. The communities for those Validators could be reactivated also in respect of the upcoming news, potential airdrops, delegations and many more…

- Having 150 Validators long term is a good target and makes sense - we can also see on other networks that bigger sets are working fine and are quite normal for cosmos chains.

- We've contacted with validators in the inactive set, and all of them have stated to maintain their infrastructure and are looking forward to join the set after a proposal approval.

Cons:

-Based on immaturity of the network, awareness about the chain behavior in the future when rollups will be deployed, which may lead to additional load (cpu, ram, network, disk).