Proposal

This proposal introduces a significant upgrade to the Dymension protocol enabling the permissioned deployment of RollApps. The upgrade sets the stage for the next phase of the Dymension Protocol.

Proposed upgrade

- Changelog: [dymension/CHANGELOG.md at main · dymensionxyz/dymension · GitHub](#)

- Release candidate: [Release v3.1.0-rc01 · dymensionxyz/dymension · GitHub](#)

Context

- Current Phase: Singularity Point - The current stage of the protocol, which is aimed to acquire the necessary stake and liquidity needed to support future RollApps.

Proposed Upgrade

- 2D - Permissioned RollApp Phase:

This phase will allow RollApps to be deployed upon receiving approval from Dymension's onchain governance.

Future Phases:

- 3D - Permissionless RollApps

- 4D - Internet of RollApps

Prominent features include:

- Fraud proof handling:

Enabling state reversion in case of a fraudulent RollApp sequencer. This functionality is handled via a permissionless governance fraud submission.

- Sequencer bonding and slashing:

RollApp DYM bond for running a RollApp sequencer and slashing and burning DYM upon fraud.

- eIBC (escrow IBC)

: An intent-centric bridge that enables market makers (or any party) to fulfill user withdrawals from RollApps prior to the completion of the dispute period. Enabling instant withdrawals to Dymension.

- Virtual ERC-20 tokens

: Enabling ICS-20 tokens to be represented as ERC-20 tokens in EVM wallets.

Governance Vote

- YES

- NO

- NO WITH VETO - A 'NoWithVeto' vote indicates a proposal either (1) is deemed to be spam, i.e., irrelevant to Dymension, (2) disproportionately infringes on minority interests, or (3) violates or encourages violation of the rules of engagement as currently set out by Dymension governance. If the number of 'NoWithVeto' votes is greater than a third of total votes, the proposal is rejected and the deposits are burned.

- ABSTAIN - You wish to contribute to quorum but you formally decline to vote either for or against the proposal.