

Kava 9 Software Upgrade Proposal

Kava Labs

1/10/2022

Overview

This `SoftwareUpgradeProposal` specifies the upgrade block height and procedure for upgrading the current kava-8 blockchain to kava-9.

Key Dates

1. We propose that the final block of kava-8 occur at block height **1803250**, which will be on January 19th, 2022 at approximately 14:00 UTC.
2. We propose that the genesis time of kava-9 occur on January 19th, 2022 at 16:00 UTC.

Software version

We propose that the software release tagged v0.16.0, or the most recent minor release on the v0.16 branch (v0.16.1, for example), be the software for kava-9. Note that at the time of writing v0.16.0 has not been released, but a release candidate can be reviewed [here](#). Note that no changes to the v0.16 state machine will be made prior to the upgrade. In the event that state machine changes are needed, the v0.16 branch will be abandoned and a new upgrade proposal will be submitted that supersedes this one.

Migration Guide

The migration guide for validators can be reviewed at https://github.com/Kava-Labs/kava/blob/master/migrate/v0_16/migrate.md

Key Features

- Upgrades cosmos-sdk to v0.44.x
- Adds IBC transfers

Upgrade Guide for Wallets, Explorers, Exchanges

<https://docs.google.com/document/d/1SLtr4WwI2Ob0Iu524k6jhS8pByfCOol2D34wqIctN7E/edit?usp=sparing>

Pre-release testnet

Kava-testnet-14000 is a publicly available testnet to test validation and external integrations for kava-9. Publicly available endpoints are:

- <https://api.testnet.kava.io> [REST]
- <https://rpc.testnet.kava.io> [rpc]
- <https://grpc.testnet.kava.io> [grpc]
- [wss://rpc.testnet.kava.io/websocket](https://rpc.testnet.kava.io/websocket) [websocket]

Fallback

If the kava-9 chain does not launch by January 19, 2022 at 20:00 UTC, the launch should be considered a failure and validators should refer to the [rollback](#) instructions to restart the previous kava-8 chain. In the event of launch failure, coordination will occur in the [Kava discord](#).