

Dear Lido Community,

Welcome to our monthly news, where we provide you with updates on our efforts to establish a secure Ethereum environment. Here's a summary of notable developments since our last update.

Lido General

Performance optimization: Fullnode <> VC Connection Changes

In efforts to optimize performance following client updates, modifications were made to the Fullnode <> VC connections. These changes resulted in a few unforeseen performance issues that were either resolved or are still under investigation.

Advancements & Result:

- Following the connection changes, we observed a few performance issues particularly impacting Lighthouse.

Next Steps:

- Due to performance concerns, a decision was made to revert to a simpler setup.
- Investigate remaining issues related to the changes.

Maintenance Updates

Completed scheduled updates for all Fullnodes and Validator Clients. We are continuing to monitor node performance.

Advancements & Results:

- All Fullnode and Validator Client software has been updated to the latest secure versions.

Next Steps:

- System performance is being monitored following the updates.

Missed Attestation Incident Updates

An unexpected server outage caused missed attestations by validators. The issue has been resolved and validators are back online.

Advancements & Results:

- Identified root cause of the outage as a Virtualization cluster issue on specific nodes.
- Resolved the immediate problem and restored validator functionality.

Next Steps:

- Our team is actively investigating the corosync bond failure to identify the root cause and implement preventative measures to avoid similar outages in the future.
- We are already engaged with virtualization support to confirm the identified root cause and discuss additional preventative measures to ensure validator stability.

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Testnet Stereum Support

We are diligently providing comprehensive technical support for participants utilizing Stereum throughout the testnet.

Advancements & Results:

- Established and maintain a dedicated tech support channel for participants encountering issues with Stereum.
- Our support team continuously monitors participant feedback and refines the knowledge base to address emerging questions and challenges.

Mainnet & Testnet

Actively participating in mainnet and testnet testing.

Next Steps:

- Adhering to the established guidelines and following cluster coordinator instructions.
- Continuously monitoring node performance and network health.

Best Regards,

RockLogic Team