

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.

Implementation of Centralized Log Management System:

Enhanced log collection, storage, and analysis capabilities to improve operational insights.

Advancements & Result:

- Implemented a centralized log management solution for efficient collection and storage of logs from various sources across the infrastructure.
- Enabled advanced search and filtering capabilities, empowering faster troubleshooting and root cause analysis of incidents.

Lido Testnet: Stereum Support

Ongoing support for Stereum on Lido Testnet environment.

Advancements & Result:

- Monitored and maintained node health to ensure optimal testnet performance.
- Provided technical assistance and troubleshooting support for participants using the Stereum.

Next Steps:

- Continue to monitor and optimize the Stereum testnet environment to ensure a seamless user experience.

Lighthouse Memory Issues Investigation

Troubleshooting memory exhaustion on Lighthouse instances.

Advancements & Result:

- Identified instances of Lighthouse experiencing crashes due to running out of memory.

Next Steps:

- Conducting in-depth analysis to determine root cause and implement mitigation strategies.

Beacon Node Load Optimization

Adjusted validator client connections to reduce load on beacon nodes.

Advancements & Result:

- Identified excessive validator client connections as a contributing factor to high beacon node load.
- Successfully redistributed validator clients across beacon nodes to achieve a more balanced load distribution.

Next Steps:

- Monitoring beacon node performance and adjusting validator client connections as needed to maintain optimal load levels.

Lido General

Maintain optimal node performance and security through proactive maintenance and troubleshooting.

Advancements & Results:

- Completed scheduled node and operating system upgrades to ensure compatibility and security.
- Investigated and resolved any reported issues, leading to improved performance and reliability.

Next Steps:

- Continue regular monitoring of node services to proactively identify and address potential issues.

Best Regards,

RockLogic Team