

Lithosphere Expands Makalu Testnet for Agentic Applications and AI-Native Network Development

The AI-native Layer 1 platform advances its testnet environment to support agentic applications, intelligent execution, and continued Web4 network development.



London, United Kingdom Sep 1, 2026 ([Issuewire.com](https://www.issuewire.com)) - [Lithosphere](#) is expanding its Makalu testnet to support the development and testing of agentic applications across its AI-native Layer 1 ecosystem. The expansion strengthens the environment available for developers exploring intelligent execution, autonomous coordination, and decentralized applications designed for emerging Web4 use cases.

Makalu provides a testing environment for developers working with Lithosphere's broader infrastructure. Through continued testnet development, teams can explore application behavior and execution workflows before moving toward broader network deployment.

The expansion also supports Lithosphere's focus on infrastructure designed around autonomous systems. Lithic provides AI-native execution capabilities, while PPAL supports persistent identity, DNNs enables decentralized naming and discovery, MultX addresses cross-chain coordination, and LEP100 provides standards for verifiable agent activity. Together, these components form the technical foundation for applications that require intelligent coordination across decentralized environments.

As agentic applications become more sophisticated, development environments must accommodate workflows that extend beyond conventional blockchain interactions. Expanding Makalu gives developers additional room to evaluate these systems and refine how autonomous applications interact

with Lithosphere's network architecture.

[J. King Kasr](#), Chief Scientist at KaJ Labs, noted that robust testing environments are important for advancing AI-native blockchain applications. According to Kasr, expanding Makalu supports developers as they explore agentic execution and build applications designed for increasingly autonomous Web4 ecosystems.

About

Lithosphere is an AI-native Layer 1 blockchain platform developed by KaJ Labs to support intelligent decentralized infrastructure. Through Lithic, PPAL, DNNS, MultX, LEP100, and LITHO, the platform delivers scalable execution, persistent identity, cross-chain interoperability, and autonomous coordination for Web4 ecosystems.

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