

Lithosphere Advances DNNS as Decentralized Discovery Infrastructure for Autonomous Web4 Agents

The AI-native Layer 1 ecosystem strengthens decentralized naming and discovery infrastructure to help autonomous agents identify and coordinate resources across Web4 environments.



Seattle, Washington Sep 8, 2026 ([Issuewire.com](https://www.Issuewire.com)) - [Lithosphere](#) is advancing DNNS as decentralized discovery infrastructure for autonomous Web4 agents, strengthening the mechanisms through which intelligent systems can identify services, resources, and network participants across distributed environments.

DNNS provides a decentralized naming and discovery layer within Lithosphere's broader AI-native architecture. Its development supports an environment where autonomous agents require structured methods for locating relevant resources and establishing connections without depending entirely on centralized discovery systems.

As agent-driven applications become more sophisticated, discovery becomes an important part of autonomous coordination. Intelligent systems must be able to determine where services are available and how they connect with broader decentralized workflows. Lithosphere continues developing DNNS around these requirements, creating infrastructure that supports more organized interactions across Web4 networks.

DNNS operates alongside Lithic AI-native execution, PPAL persistent identity, MultX cross-chain coordination, LEP100 standards, and LITHO utility. Together, these components connect discovery with

identity, execution, verification, and interoperability, providing a broader foundation for autonomous systems operating across decentralized environments.

[J. King Kasr](#), Chief Scientist at KaJ Labs, noted that effective discovery infrastructure is essential for autonomous agents operating across increasingly distributed digital systems. According to Kasr, DNNS strengthens the pathways through which intelligent applications can locate resources and coordinate activity across connected Web4 environments.

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 supports scalable execution, persistent identity, decentralized discovery, cross-chain interoperability, and autonomous coordination for Web4 ecosystems.

Media Contact

KaJ Labs

*****@kajlabs.com

8888701291

4730 University Way NE 104- #175

<https://kajlabs.com>

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