FLUX

Upgrading and virtualizing IT and cloud infrastructure for a decentralized computational network.

Attracting enterprise customers to Web 3.0

Flux, a provider of scalable, decentralized computing services and blockchain-as-a-service solutions, is continuously looking to upgrade its network and application ecosystem. Flux seeks partnerships with organizations like Lumen in order to better attract enterprise-grade node operators and reduce the costs and complexity of launching applications on the FluxOS blockchain.

About Flux

Flux is a next-generation decentralized computational network that provides critical, high-availability infrastructure for the New Internet, including the blockchain-powered FluxOS and Flux cryptocurrency.

> " The Flux-Lumen relationship showcases the opportunity for collaboration between Web3 and Web2, which is accomplished by utilizing a balanced hybrid solution. This opens the door for institutions to enter the decentralized ecosystem with the robust support they have come to expect in the Web2 space. The movement from Web2 to Web3 is the next step in the evolution of the internet, similar to the Web1 to Web2 movement, which ushers in an opportunity for application deployment on robust decentralized infrastructures."
>
> — Jeremy Anderson,
> CTO of Flux

Flux

LUMEN®
TECHNOLOGIES

Opening the Flux platform to more partners and users

Challenges

- Attracting large enterprise-grade node operators to join the network, stake the Flux cryptocurrency and lend their computational resources to the greater FluxOS
- Supporting users' resource-intensive application workloads by building and implementing stronger, enterprise-grade hardware and security, while also growing a data center presence
- Lowering staking requirements and reducing operating costs by creating a new virtualization layer, opening the Flux platform to more users and operators

Solutions

- Lumen® Edge Custom Managed Servers added a new layer of processing power to meet specific CPU and NVME storage requirements
- Lumen® Edge Private Cloud enables Lumen to provide and manage the virtualization of server staking, allowing users and operators to crowdsource smaller stake amounts on each node

Results

- Flux is now able to serve larger customers by providing secure, enterprise-grade Lumen servers, without disrupting their existing customers
- Further decentralizing Flux by leveraging Lumen® Edge Custom Managed Servers to increase the strength and resiliency of the greater Flux ecosystem
- Flux is able to meet virtually any customer's needs, further maximizing profitability and Return on Equity with the help of virtualization provided and managed by Lumen

What works for Flux

Lumen Managed & Professional Services

Specialized infrastructure, management and expertise to solve even the toughest technology problems

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Lumen® Edge Private Cloud

Fully managed pre-built infrastructure for high-performance private computing

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The Lumen® Platform

Built to deliver the scale, speed and intelligence that cloud and edge applications require

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877-453-8353 | lumen.com | info@lumen.com

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