



Stakenet - XSN

SUMMARY

Stakenet is a decentralized platform designed to provide a highly competitive solution over traditional banking, fiat currencies, payment gateways, and more. Stakenet provides the infrastructure for instant and virtually zero fee, and delivers a much more convenient way to handle your preferred store of value through an interchain ecosystem of decentralized platforms, products, and services. Stakenet aims to be the only place people ever need to go for crypto, while still being able to use their favorite cryptocurrencies' features. Our vision is to make that as seamless as possible. The Stakenet blockchain is powered by its own native coin - XSN, which is the money that will be used as the legal tender and gas for the entire interchain ecosystem.

KEY CHARACTERISTICS

Trustless Proof of Stake:

Trustless Proof of Stake (TPoS) is a minting Proof of Stake consensus which validates, moves and secures a blockchain while the used coins remain offline in a cold wallet.

Masternode Second Layer:

Masternodes are powerful nodes which act as manager and services providers for a blockchain. Stakenet's masternodes are responsible for:

- Instant send
- Decentralized democracy
- Hosting other coin's full nodes and 3rd party DApps
- Offloading CPU and database capacities
- Providing liquidity and management for the Lightning Network, including the execution of Lightning Swaps.

Lightning Network:

The Lightning Network is a second layer solution to enable peer-to-peer off-chain transactions within a blockchain, or between different blockchains. With the usage of Lightning Swaps between different blockchains, Stakenet has developed a solution for interoperability based on the most common interface - the Lightning Daemon.

Security:

A Proof of Stake blockchain is secured through a staking mechanism where coin owners utilize their wealth and coinage in a hot wallet to validate the blockchain. With the use of TPoS, Stakenet now provides the most secure solution to run a blockchain. This is because the validation is not limited to online-stakers anymore, as their coins can now remain in cold storage with TPoS.

BLOCKCHAIN METRICS

Consensus

Proof of Stake
Trustless Proof of Stake

Coinage

24 hours

Encryption-Algorithm

X11

Blockreward

20 XSN

Block generation time

60 seconds

Lightning Network

Activated

Scalability

On Chain : 240 tx/s
Off Chain : Infinite tx/s

Transaction costs

On Chain : ~ 0.00001 XSN / kB
Off Chain : Virtually Zero

Cross chain capabilities

Lightning Swaps

Masternodes

15,000 XSN Collateral

Governance

Decentralized Democracy

Funding

Decentralized Treasury
No Initial Coin Offering

CONTACT

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Upcoming Software Development

MERLIN and Stakenet DX

- MERLIN is our software solution to offer in-wallet one-click Lightning Swaps, allowing the exchanging of assets instantly over Lightning compatible blockchains with just the simple click of a button.
- Based on MERLIN's, Stakenet will build their own decentralized exchange, known as Stakenet DX, that has both frictionless interoperability and high volume exchange between different blockchains in a truly trustless manner. That way, traders can instantly trade assets in-wallet as they are secured by our open source cold storage EXCALIBUR.
- MERLIN includes a Cross Chain DApp infrastructure on Stakenet blockchain where masternode holders can host DApps and charge a fee for this service.
- Finally, MERLIN will migrate TPOs to the masternode layer to automate the exchanging of assets through masternode quorums, so called Cross Chain Proof of Stake (CCPoS). With CCPoS, XSN holders can stake their XSN and receive any other Lightning compatible coin as reward.

Upcoming Hardware Development

EXCALIBUR and VIPER

- EXCALIBUR is an open source private key management and storage system; private key management will be audible by the public.
- XSN VIPER: The first version of this hardware device integrates basic Lightning Network routing capabilities to provide our users the ability to run LN hubs and generate fees for XSN, BTC and LTC. Upcoming versions will upgrade XSN VIPER to improve the performance and enable multiple LN Hubs and masternodes to be run on the device, to allow users to safely execute higher level functions of various chains and coins from cold storage. Stakenet will offload CPU and database requirements from XSN VIPER to Stakenet blockchain.

Income Within the Stakenet Interchain Ecosystem

	REQUIREMENTS	REWARDS
Selected Cryptocurrency Lightning Node	Cryptocurrency Full Node + Cryptocurrency Lightning Software + Funded Cryptocurrency Lightning Channel	Selected Cryptocurrency Lightning Routing Fees
Selected Cryptocurrency Full Node	XSN Masternode + Selected Cryptocurrency Wallet	Additional Selected Cryptocurrency Trading Pair Fees from DEX
XSN Masternode	XSN Wallet + 15k XSN + Being 24/7 Online + Static IP + Increased HW Resources	Fees from Offloading CPU + DB
	XSN Wallet + 15k XSN + Being 24/7 Online + Static IP + Hosting the DApp	Fees from DApps
	XSN Wallet + 15k XSN + Being 24/7 Online + Static IP	Fees from Coinmixing 45% Blockrewards Only XSN Fees from DEX Only XSN Fees from Lightning Routing Only XSN Fees from Lightning Swaps Only XSN Fees from Lightning Privacy Revolving Stake Bonus (RSB)
XSN Staking Node	XSN Wallet + Coins + Being Online XSN Wallet + Coins	45% Blockrewards Revolving Stake Bonus (RSB)