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<https://www.btcc.com/en-US/markets/Stacks>

About Stacks (STX)

Stacks is a layer-1 blockchain solution that is designed to bring smart contracts and decentralized applications (DApps) to [Bitcoin \(BTC\)](#). These smart contracts are brought to Bitcoin without changing any of the features that make it so powerful — including its security and stability.

These DApps are open and modular, meaning developers can build on top of each other's apps to produce features that are simply not possible in a regular app. Since Stacks uses Bitcoin as a base layer, everything that happens on the network is settled on the most widely used arguably the most secure [blockchain](#) in operation — Bitcoin.

The platform is powered by the Stacks token (STX), which is used for fueling the execution of smart contracts, processing transactions and registering new digital assets on the Stacks 2.0 blockchain.

The platform was formerly known as Blockstack, but was rebranded to Stacks in Q4 2020 in order to “separate the ecosystem and open source project from Blockstack PBC” — the company that built the original protocols.

What Makes Stacks Unique?

Stacks looks to take what makes Bitcoin so powerful, and extends it with additional functionality, without needing to fork or change the original Bitcoin blockchain.

It does this by connecting directly with the Bitcoin blockchain through its proof-of-transfer (PoX) consensus mechanism, which has miners pay in BTC to mint new Stacks (STX) tokens. Moreover, STX token holders can also stack (not stake) their tokens to earn Bitcoin as a reward.

Stacks introduces a new smart contract programming language known as Clarity, which is designed to be both secure and easy to build with thanks to its unambiguous syntax. This smart contract-centric programming language is also used by the Algorand (ALGO) blockchain.

On top of this, Stacks was the first cryptocurrency to receive SEC qualification for a sale in the United States, allowing it to launch a \$28 million Reg A+ sale cash offering for its STX tokens in July 2019.

How Is the Stacks Network Secured?

Stacks uses the Bitcoin blockchain as its base layer. As a [Proof of Work \(PoW\)](#)-based blockchain, Bitcoin uses the combined efforts of thousands of miners and nodes to protect the network against attacks by making it computationally and economically unfeasible to subvert the network.

On top of this, Stacks introduces its own consensus model, known as proof-of-transfer (PoX), which is a novel mining mechanism that sees users transfer the base currency (BTC) to mine STX — effectively bootstrapping the security of the Stacks blockchain using BTC.

Cryptocurrency Price Prediction

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[Chainlink \(LINK\) Price Prediction](#)

[Dogelon Mars \(ELON\) Price Prediction](#)

[Ripple \(XRP\) Price Prediction](#)

[XRP Price Prediction](#)

[Solana \(SOL\) Price Prediction](#)

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[Bitcoin \(BTC\) Price Prediction](#)

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[Dash \(DASH\) Price Prediction](#)

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[EOS \(EOS\) Price Prediction](#)

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[MANA Price Prediction](#)

[The Sandbox \(SAND\) Price Prediction](#)

[Immutable X \(IMX\) Price Prediction](#)

[Axie Infinity \(AXS\) Price Prediction](#)

[Flow \(FLOW\) Price Prediction](#)

[Galxe \(Previously Project Galaxy\) Price Prediction](#)

[Mask Network \(MASK\) Price Prediction](#)

[ApeCoin \(APE\) Price Prediction](#)

[Ethereum Name Service \(ENS\) Price Prediction](#)

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