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## [ PDF Database Document ] - BTCC Cryptocurrency Exchange

Original:

<https://www.btcc.com/en-US/academy/research-analysis/what-is-space-and-time-sxt-everything-you-need-to-know>

### What Is Space and Time (SXT)? Everything You Need To Know

The first decentralised SQL database that directly links data from several blockchains and offchain sources to smart contracts is being built by the Space and Time project. SXT coin, a utility token that makes this potent infrastructure possible, is at the heart of this innovation.

Anyone interested in the future of decentralised finance and onchain artificial intelligence must comprehend what SXT is, how it operates, and why it matters, as Web3 projects require more sophisticated data capabilities and real-time analytics.

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**/ You can claim a welcome reward of up to 10,055 USDT\**

## What Is Space and Time (SXT)?

Space and Time, or SxT for short, is a decentralised data platform that merges on-chain and off-chain data via cryptographically safe proofs. It is open-source and distributed. Space and Time's blockchain doesn't hold any raw data, unlike conventional databases.

Instead, it uses zero-knowledge proofs (ZK-proofs) and cryptographic commitments to ensure data integrity. Thanks to these additions, smart contracts and developers can put their faith in the outcomes of complicated data queries without having to go via centralised middlemen.

Smart contracts can now query data using SQL, the language used by most modern data systems,

which is the main breakthrough of Space and Time. These searches can access data from external sources at the app level as well as validated blockchain data (such as Bitcoin or Ethereum).

After that, ZK-oracles verify the results using zero-knowledge cryptography, and the results are returned to the blockchain. In this way, smart contracts can process massive amounts of trustworthy data in real time and make decisions accordingly.

## How Does It Work?

Space and Time relies on validator and prover nodes to function. Let me break it down for you:

**Validators:** Rather than storing the data itself, they check and sign the cryptographic commitments (a fingerprint) for each table in the database. This checks for any signs of manipulation in the data structure or its contents.

**Prover Nodes:** A prover node validates the integrity of the data by running a SQL query offchain and producing a ZK-proof, which shows that the smart contract query was conducted correctly and on unaltered data.

**Query Relayers:** On Ethereum, Base, and ZKSync Era, among others, query relayer smart contracts communicate the ZK-verified outcomes back to the initial smart contract.

With this setup, we can achieve maximum throughput with very little gas use. For real-time applications like DeFi protocols, AI-based trading bots, or complicated NFT metadata systems, Ethereum's proof-verification efficiency—using less than 150,000 gas—is sufficient.

# What is SXT Token?

All parts of the Space and Time ecosystem run on SXT Coin, the native utility coin. I use it for:

**Staking:** In order to take part in network security and consensus, validators are required to stake SXT tokens.

**Rewards:** As a token of appreciation for their efforts in keeping the network running, validators and delegators alike can earn SXT.

**Administration:** SXT holders may be granted voting rights for protocol changes and community suggestions in the future.

**Query Processing:** Data queries and API usage on the platform can be paid for with SXT.

Running a decentralised, cryptographically secure database network is essentially made possible by the economic incentives provided by the SXT coin.

## Conclusion

There is an immediate need for trustworthy, verifiable data sources that can keep up with the needs of real-time applications due to the proliferation of smart contracts. Space and Time tackles this problem directly with its groundbreaking SQL ZK coprocessor and the SXT currency.

Developers may now trustlessly query onchain and offchain data, revolutionising data interaction in Web3. Everyone from DeFi builders to AI developers to those who are just interested in Space and Time's SXT token should keep an eye on this technology since it has the potential to change the way we use blockchain data in the future.

## FAQs

## **What is SXT?**

Space and Time's native coin, SXT, powers secure data queries on the network and is utilised for staking and governance.

## **What is the purpose of time and space?**

Verifiable SQL queries supported by zero-knowledge proofs are used to link app-level data and blockchain to smart contracts.

## **How many tokens of SXT are there?**

About 28% of the 5 billion SXT tokens were released upon launch, with the remaining tokens being distributed over time.

## **Who made time and space?**

Nate Holiday, Scott Dykstra, Jay White, and Craig Holiday—all with backgrounds in banking, cloud computing, and cryptography—founded it.

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## **Why Trade Crypto on BTCC**

Founded in 2011, BTCC is among the world's oldest and most reliable bitcoin exchanges. Many traders use BTCC because it has established a solid reputation in the market for security and regulatory compliance over the years. The platform is especially well-suited for traders in North America and Europe, with presences in the US, Canada, and Europe.

In addition to bitcoin trading, BTCC provides traders with access to non-crypto assets including gold, silver, and U.S. equities through cutting-edge features like copy trading, perpetual futures, and tokenized stocks. Both novice and seasoned traders searching for a secure and regulated platform can benefit from BTCC's range of offerings.

The firm's products are designed to meet the needs and desires of both rookie and experienced traders. Here are five reasons for using the exchange:

- Numerous transferable assets
- Excessive trading leverage
- Strong copy trading capabilities
- Perfect security record
- Interface that is easy to use
- Accessible to traders in the US and Canada

#### [BTCC Bonuses and Special Offers]

(1) **New User Welcome Reward**: As a new user, you can claim a welcome reward of up to **10,055 USDT**.

(2) **Referral Program**: You can earn up to **35% commission on your referrals, plus up to 10,060 USDT in rebates per referral**.

**Trade on BTCC Now**

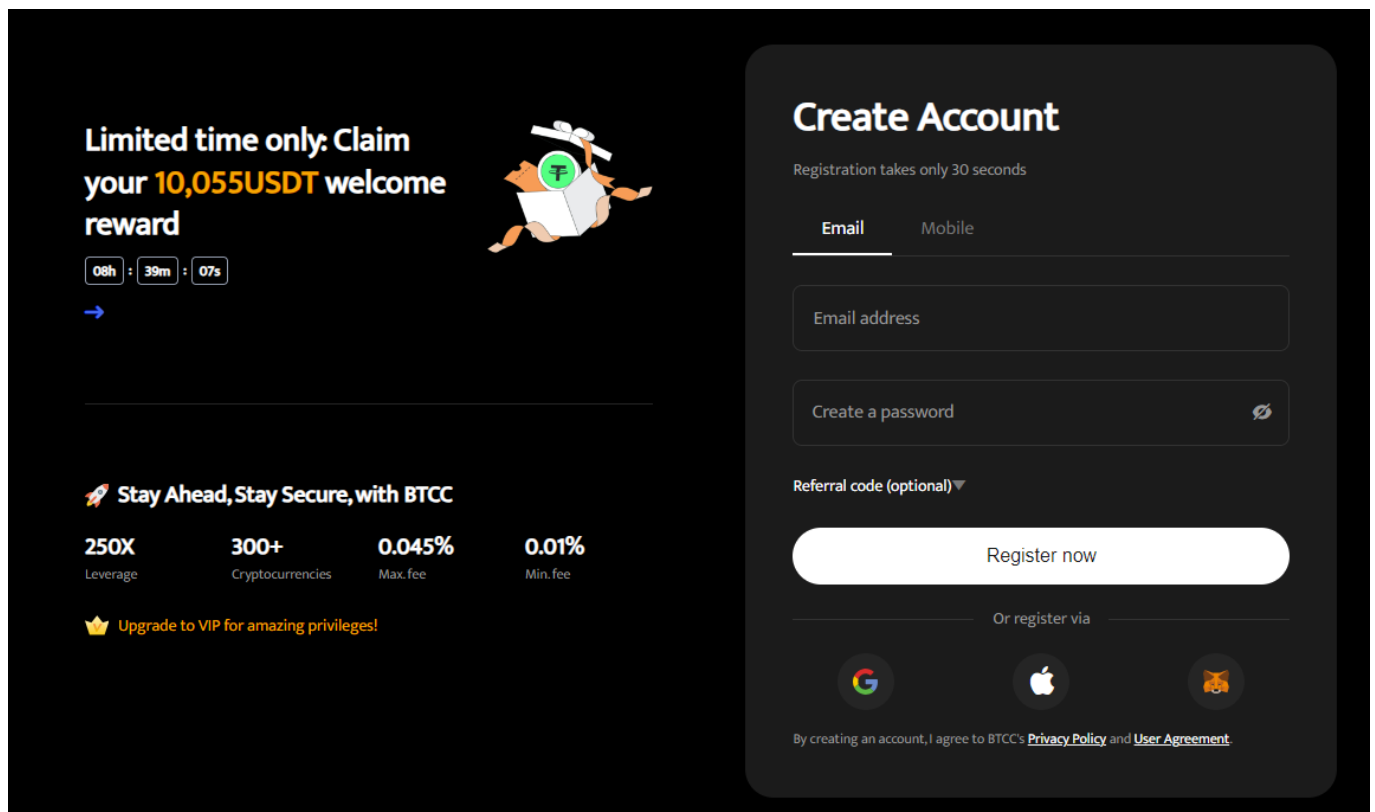
**/ You can claim a welcome reward of up to 10,055 USDT\**

## How to Trade Crypto on BTCC?

This brief instruction will assist you in registering for and trading on the BTCC exchange.

### Step 1: Register an account

The first step is to hit the "Sign Up" button on the BTCC website or app. Your email address and a strong password are all you need. After completing that, look for a verification email in your inbox. To activate your account, click the link in the email.



## Step 2: Finish the KYC

The Know Your Customer (KYC) procedure is the next step after your account is operational. The main goal of this stage is to maintain compliance and security. You must upload identification, such as a passport or driver's license. You'll receive a confirmation email as soon as your documents are validated, so don't worry—it's a quick process.



### Step 3. Deposit Funds

After that, adding money to your account is simple. BTCC provides a range of payment options, such as credit cards and bank transfers. To get your money into your trading account, simply choose what works best for you, enter the amount, and then follow the instructions.

- **Fiat Deposit.** Buy USDT using Visa/Mastercard (KYC required).
- **Crypto Deposit.** Transfer crypto from another platform or wallet.

## Fund Your Account



I don't have crypto assets



### Fiat Deposit

Fund your account with USDT using  
Visa/Mastercard



### P2P

Buy and sell cryptos with flexible payment  
methods and 0 transaction fees.



I have crypto assets



### Crypto Deposit

Get the deposit address for BTC, ETH, or any  
other crypto and deposit via the blockchain.



## Step 4. Start Trading

If you wish to follow profitable traders, you might go for copy trading, futures, or spot trading. After choosing your order type and the cryptocurrency you wish to trade, press the buy or sell button. Managing your portfolio and keeping track of your trades is made simple by the user-friendly



interface.



Look more for details: [How to Trade Crypto Futures Contracts on BTCC](#)

## BTCC FAQs

### Is BTCC safe?

Based on its track record since 2011, BTCC has established itself as a secure cryptocurrency exchange. There have been no reports of fraudulent activity involving user accounts or the platform's infrastructure. By enforcing mandatory know-your-customer (KYC) and anti-money laundering (AML) procedures, the cryptocurrency trading platform gives consumers greater

security. For operations like withdrawals, it also provides extra security features like two-factor authentication (2FA).

### **Is KYC Necessary for BTCC?**

Indeed. Before using BTCC goods, users must finish the Know Your Customer (KYC) process. A facial recognition scan and legitimate identification documents must be submitted for this process. Usually, it is finished in a few minutes. This procedure has the benefit of strengthening the security of the exchange and satisfying legal requirements.

Because their accounts will have a lower daily withdrawal limit, those who do not finish their KYC are unable to make deposits. It should be noted that those who present a legitimate ID without a facial recognition scan will likewise have restricted withdrawal options.

### **Is There a Mobile App for BTCC?**

Indeed. For users of iOS and Android, BTCC has a mobile app. The exchange's website offers the mobile app for download. Since both the web version and the mobile app have the same features and capabilities, they are comparable.

### **Will I Have to Pay BTCC Trading Fees?**

Indeed. BTCC levies a fee for trade, just like a lot of other centralised exchanges. Each user's VIP level, which is unlocked according to their available money, determines the different costs. The BTCC website provides information on the charge rates.

### **Can I Access BTCC From the U.S?**

You can, indeed. According to its website, BTCC has obtained a crypto license from the US Financial Crimes Enforcement Network (FinCEN), which enables the cryptocurrency exchange to provide its services to investors who are headquartered in the US.

According to BTCC's User Agreement document, its goods are not allowed to be used in nations and organisations that have been sanctioned by the United States or other nations where it has a licence.

### **BTCC Guide:**

- [How to Trade Crypto Futures Contracts on BTCC](#)
- [BTCC Guide-How to Deposit Crypto on BTCC?](#)
- [What is Crypto Futures Trading - Beginner's Guide](#)
- [What is Leverage in Cryptocurrency? How Can I Trade at 100X Leverage?](#)
- [BTCC Review 2024: Best Crypto Futures Exchange](#)

### **Crypto Buying Guides:**

- [How To Buy Bitcoin \(BTC\)](#)
- [How To Buy Pico](#)
- [How To Buy Ethereum \(ETH\)](#)
- [How To Buy Dogecoin \(DOGE\)](#)
- [How To Buy Pepe Coin \(PEPE\)](#)
- [How To Buy Ripple \(XRP\)](#)

### **Crypto Prediction:**

- [Ethereum \(ETH\) Price Prediction 2024, 2025, 2030 — Will ETH Reach \\$10,000?](#)
- [Ethereum Price Prediction 2024, 2025, 2030: How High Can ETH Go in 2024?](#)
- [Bitcoin \(BTC\) Price Prediction 2024, 2025, 2030 — Is BTC a Good Investment?](#)
- [Ripple \(XRP\) Price Prediction 2024, 2025, 2030 — Will XRP Reach \\$1 After SEC Lawsuit?](#)
- [Pi Coin Price Prediction 2024,2025,2030 — Is Pi Coin a Good Buy?](#)
- [Pepe \(PEPE\) Price Prediction 2024, 2025, 2030 - Will PEPE Reach \\$1](#)