Tres Chain Whitepaper

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WHAT IS TRES CHAIN?

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As we continue to evolve and develop our products, we remain committed to the values that drive us - transparency, security, and efficiency.

INTRODUCTION

Tres Chain is a proof-of-work (PoW) Blockchain that is designed to be secure, fast, and efficient. It is a multi-chain platform that provides users with access to six different Blockchains and a variety of features such as a swap, wallet, and wallet extension. The Mainnet and Testnet are available for users to explore and use.

Tres Chain is designed to be a secure and reliable Blockchain network. It utilizes a combination of PoW and consensus algorithms to ensure that all transactions are secure and valid. The network also has a built-in anti-spam system that prevents malicious actors from taking advantage of the network. Additionally, the network is secured by a number of security measures that include multi-signature wallets and private keys.

The Mainnet of Tres Chain is designed to provide users with access to a variety of features. These features include a swap, wallet, and wallet extension. The swap feature allows users to easily exchange tokens between different Blockchains. The wallet feature allows users to securely store their tokens and manage their funds. The wallet extension allows users to easily access their funds from any device.

Tres Chain also provides users with access to a variety of tokens. These tokens are available in six different Blockchains and can be used to pay for services and products. The tokens are also used to incentivize users to participate in the network and to reward miners for their work.

The Tres Chain network is also designed to be fast and efficient. It utilizes a variety of technologies to ensure that transactions are processed quickly and securely. Additionally, the network is designed to be scalable, allowing it to handle large amounts of transactions.

Tres Chain is designed to be an open source platform. This means that anyone can access the source code and modify it to suit their needs. Additionally, the platform is designed to be decentralized, meaning that no single entity has control over the network. This ensures that all users have equal access to the network and that no single entity can manipulate the network.

Tres Chain is a PoW Blockchain with a variety of features that make it an attractive option for users. It provides users with access to a variety of tokens, a secure and reliable network, and a variety of features that make it easy to use. Additionally, the platform is open source and decentralized, ensuring that all users have equal access to the network.

Our Blockchain explorer (located at https://treschain.io), allows users to view and search the Blockchain, including transactions, blocks, and smart contracts. As we continue to evolve and develop our products, we remain committed to the values that drive us - transparency, security, and efficiency. We believe that the Tres Chain Project has the potential of transforming the way people interact with Cryptocurrencies, and we are excited to continue building the future of the Blockchain ecosystem.

OUR VISION

Our ultimate goal is to establish a community-based platform that is dedicated to giving back to society and bringing about transformative change in the future of education. Our commitment to education is the cornerstone of our mission. In keeping with our commitment to education, we are constantly improving and developing our platform to provide an unparalleled learning experience for our users.
We are confident that we will continue to make a difference, and that our legion of desert fans will be at the forefront of a movement that is redefining the way we learn, live, and grow.

SCHOLARSHIP

Creating a sustainable system that generates donations to a deserving student, institution, or project that is focused on learning and dedicated to making a difference is part of the goals of Tres Chain.
Through our scholarship program, we seek to empower individuals and organizations that are dedicated to making a meaningful impact in the field of education.

ACHIEVEMENT

Tres Chain keeps growing and expanding with the strong community we have and we have made some achievements so far:

- Tres Chain Blockchain Explorer
- Tres Chain Smart Swap
- Tres Chain deployed on Multiple Blockchains
- Our Tres Wallet App
- We are audited by CertiK

TOKENOMICS

Our Cryptocurrency, Tres Coin, is built on our Tres Chain, which serves as the foundation for our innovative platform. Tres Coin can be converted to Wrapped Tres Tokens within our own chain, where it is used for various internal products such as smart swaps.

In other Blockchain networks, Tres Token will be used to represent our brand and ensure proper configuration of contract addresses and other essential parameters. This approach will allow for potential bridge scenarios between Blockchains while providing a consistent and recognizable branding experience. By leveraging the strengths of our Tres Chain and developing unique offerings like Tres Coin and Tres Token, we are paving the way for a more integrated and secure decentralized ecosystem.

Our Coin is based on our Chain and it will be branded as Tres Coin, inside our own chain we can convert Tres Coin to Wrapped Tres Token that will be used for our internal products, like swap and others. In other chains this will be called Tres Token, the idea of the token in other chains is to use it potentially for a bridge scenario or just to track our brand inside other Blockchain so our contract address and others are configured correctly.

Wrapped Tres:
 0x66bc84b4270cA0F056E27e5cD77B2401522191c6
Tres Token on Ethereum:
 0x66bc84b4270cA0F056E27e5cD77B2401522191c6
Tres Token on Binance:
0x66bc84b4270caof056e27e5cd77b2401522191c6
Tres Token on Polygon:
0x66bc84b4270cA0F056E27e5cD77B2401522191c6
Tres Token on Avax:
0x66bc84b4270cA0F056E27e5cD77B2401522191c6

Tres Chain Explorer

Tres Chain is a Blockchain-based platform that offers solutions for supply chain management, leveraging the power of Blockchain technology to provide transparency, security, and efficiency. The platform aims to make supply chain management easier and more efficient by providing a secure and decentralized platform that can be used by all parties involved in the supply chain, from manufacturers and suppliers to distributors, retailers, and end consumers. At its core, Tres Chain is designed to provide a tamper-proof record of all transactions and data related to the supply chain.
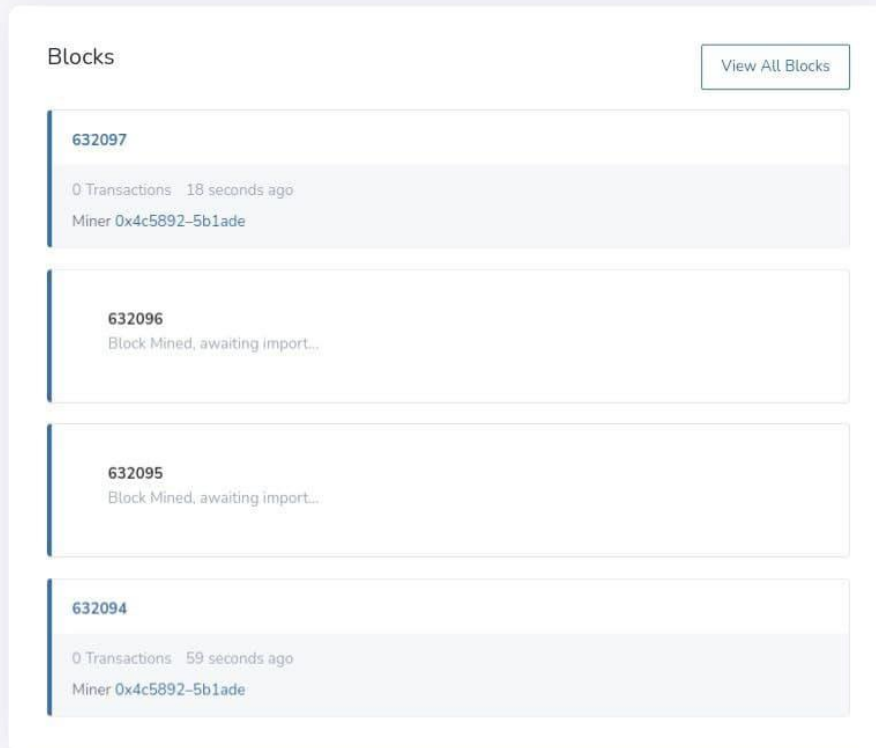

This ensures that all parties involved in the supply chain can trust and verify the authenticity of the data, reducing the likelihood of fraud, errors, and other issues that can plague traditional supply chain management systems. One of the key features of the Tres Chain platform is its ability to integrate with existing supply chain systems. This means that companies can easily connect their existing systems to the Tres Chain platform, enabling them to use its advanced features without having to switch to an entirely new system.

This makes it easier for companies to transition to Blockchain-based supply chain management, improving efficiency and reducing costs. The platform also incorporates smart contract technology, which enables the automated execution of contracts and agreements between supply chain participants. This helps to reduce the need for intermediaries, such as banks or lawyers and can speed up the process of executing transactions.

The use of smart contracts also helps to ensure that all parties involved in the supply chain are held accountable for their actions, reducing the likelihood of disputes and other issues. One of the primary benefits of using Tres Chain is the increased transparency and security it provides.

Blocks

View All Blocks

632097

0 Transactions   18 seconds ago
Miner 0x4c5892–5b1ade

632096
Block Mined, awaiting import...

632095
Block Mined, awaiting import...

632094

0 Transactions   59 seconds ago
Miner 0x4c5892–5b1ade

By leveraging Blockchain technology, the platform creates a solid record of all transactions and data related to the supply chain. This means that all parties involved in the supply chain can easily verify the authenticity of the data, reducing the likelihood of fraud, errors, and other issues.

Another amazing thing of Tres Chain is its potential to reduce costs associated with supply chain management. By streamlining processes and eliminating intermediaries, companies can reduce their operating costs and improve their bottom line. In addition, the platform's ability to provide real-time tracking and monitoring of products can help to reduce waste and improve efficiency, further reducing costs for companies.

Tres Chain Configuration

Tres has its own wallet app on playstore, making easier for individuals to download and access Tres Chain Explorer, coin, DApps and other Cryptocurrencies.
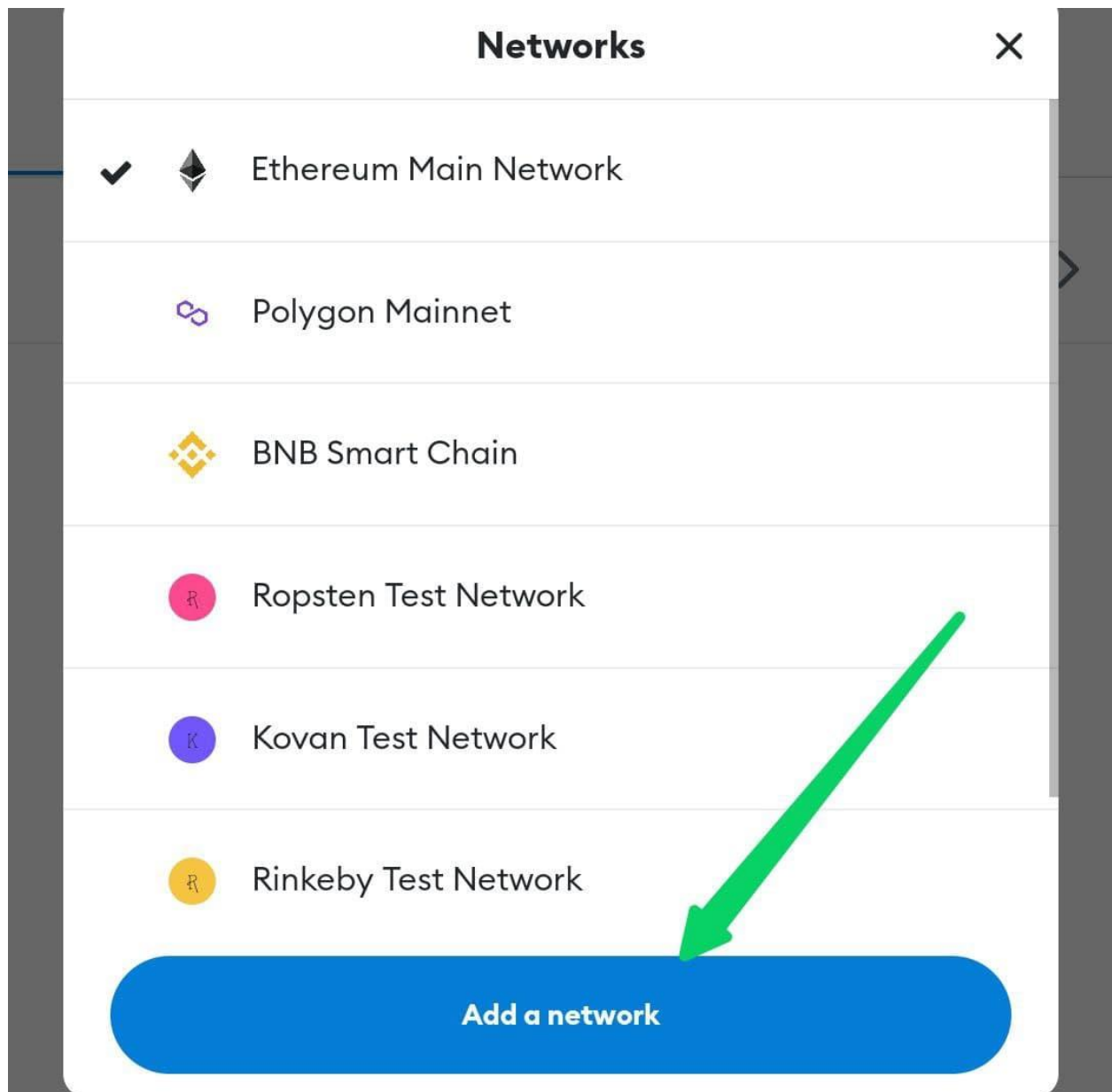
But for using other wallet apps like Metamask and all, here is a step-by-step by step guide on how to connect MetaMask to Tres Chain Mainnet:

1. Open your MetaMask Wallet, once you've successfully set up your MetaMask (MM) wallet, you can access it on the top center of your screen. Click on wallet.
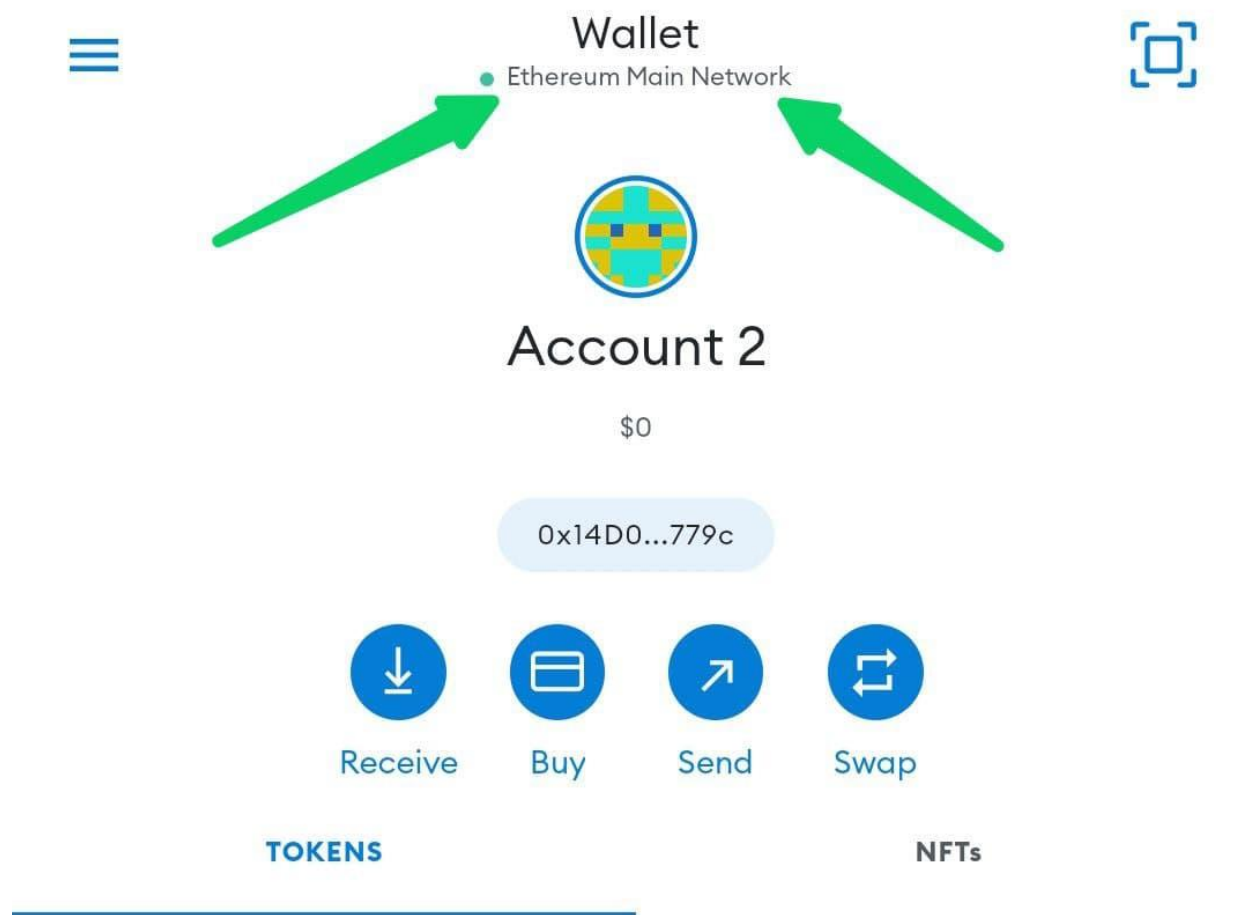
2. Click on "Add Network" to add Tres Chain.

You will be asked to enter technical information about the network that you want to add. For Tres Chain, fill out the information given below:

Chain Name: Tres Mainnet
Coin Name: Tres
Coin Symbol: TRES
Coin Decimal: 18
ChainID: 6066
RPC: https://rpc.treschain.io
Explorer: https://treschain.io

METAMASK

Settings

Search in Settings

⚙ General
⇄ Advanced
🗒 Contacts
🔒 Security & privacy
🔔 Alerts
🔌 Networks
⚗ Experimental
ⓘ About

ⓘ A malicious network provider can lie about the state of the blockchain and record your network activity. Only add custom networks you trust.

Network name

Tres Mainnet

New RPC URL

https://rpc.treschain.io

Chain ID ⓘ

6066

Currency symbol

TRES

Block explorer URL (Optional)

https://treschain.io

Cancel   Save

3. Save and you are successfully on the Tres Chain Network

METAMASK

? Tres Mainnet ⌄

Account 3
0xc83...00a3 📋

○

0 TRES

Buy   Send   Swap

Assets   Activity

📈 Portfolio site

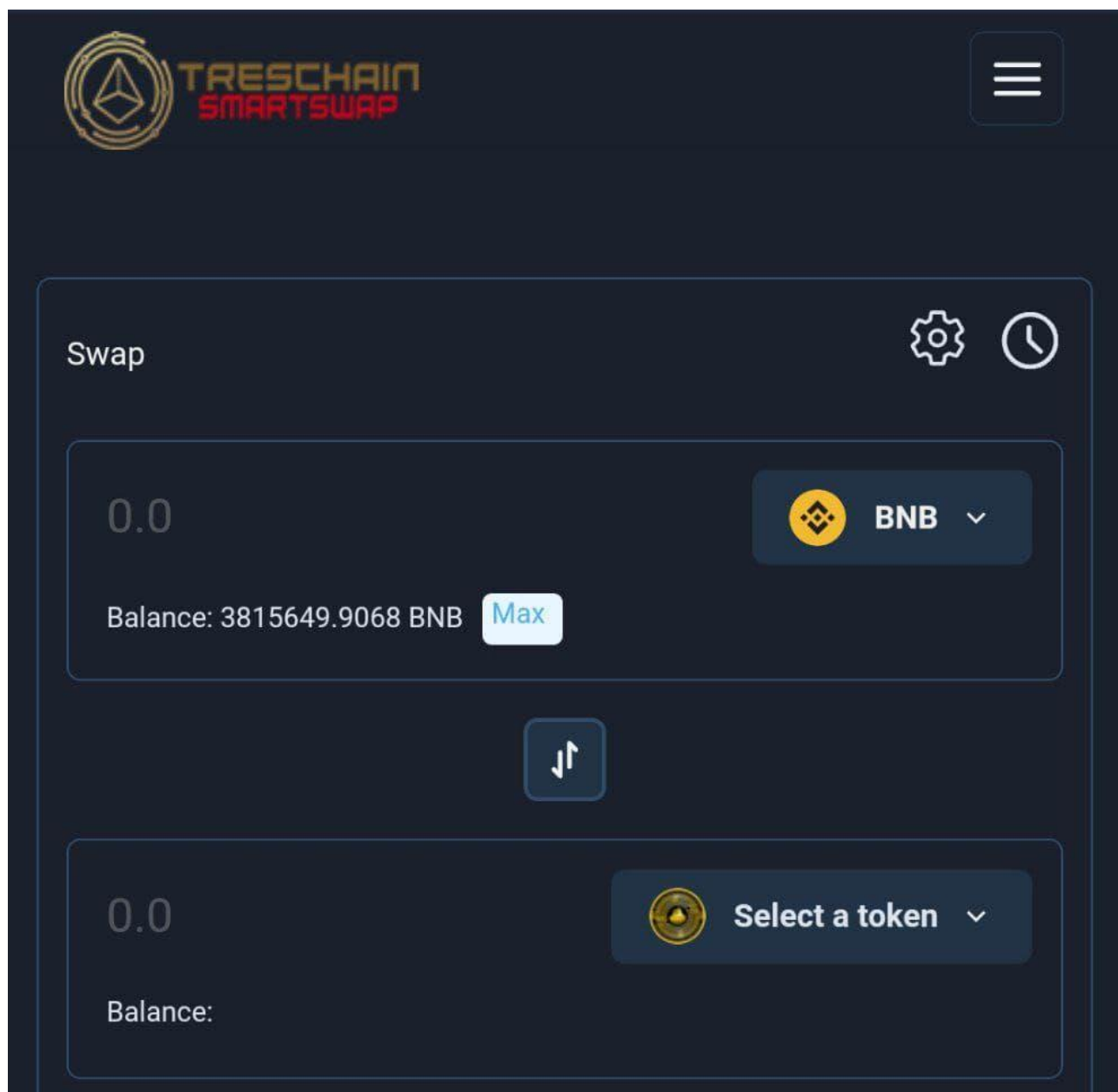○   0 TRES   ＞

www.treschain.com

Smart Swap

Tres Chain is a decentralized finance (DeFi) platform that operates on the principles of Blockchain technology. Blockchain is a distributed ledger technology that allows multiple parties to securely and transparently exchange information without the need for intermediaries. It provides a transparent and tamper-proof record of transactions that can be accessed by anyone on the network, making it an ideal solution for decentralized applications such as DeFi. Smart Swap is one of Tres chain flagship offerings, providing a cross-chain automated market maker (AMM) service.

Automated market makers are a type of DeFi protocol that uses a mathematical algorithm to determine the price of assets in a liquidity pool, rather than relying on a traditional order book. This allows for greater efficiency, transparency, and accessibility for users, as well as increased liquidity.

Smart Swap operates on two major Blockchains: Ethereum and Binance Smart Chain and it supports a wide range of tokens, including stablecoins, governance tokens, and other popular Cryptocurrencies. Users can easily connect their wallets to the platform and trade without the need to provide any personal information, ensuring maximum privacy and security.

Smart Swap provides users with the best market rates while minimizing slippage. Slippage refers to the difference between the expected price of an asset and the actual price at the time of execution. High slippage can result in losses for traders, which is why Smart Swap uses a unique algorithm to minimize this risk and ensure maximum liquidity.

Smart Swap also offers fast transaction speeds and low fees compared to traditional centralized exchanges. This is because there are no intermediaries involved, and the transactions are processed directly on the Blockchain. Another key feature of Smart Swap is its high level of security. The platform uses decentralized protocols and advanced encryption technologies to ensure that users' funds and personal information remain safe at all times.

This makes it an ideal solution for DeFi enthusiasts, traders, and investors looking for a reliable and secure way to exchange Cryptocurrencies without relying on centralized intermediaries or risking their funds on centralized exchanges.

Tres Chain's Smart Swap is a powerful DeFi solution that leverages the benefits of Blockchain technology to provide users with a secure, efficient, and transparent way to exchange Cryptocurrencies. Its cross-chain functionality, low fees, and fast transaction speeds make it a popular choice for traders and investors, while its high level of security and privacy protection make it a trusted solution for anyone looking to participate in the world of decentralized finance.

Tres Coin

Our Blockchain-based currency, Tres Coin, is integrated with our proprietary chain to facilitate seamless conversion to Wrapped Tres Tokens for use in our internal products such as swaps. Additionally, Tres Token will be utilized in other Blockchains as a means of bridging transactions or maintaining our brand presence across various platforms through proper configuration of contract addresses.

Tres Wallet

Tres Wallet is a mobile Cryptocurrency wallet that allows users to store, send, and receive a variety of different Cryptocurrencies. The app is designed to be user-friendly and secure, with features such as biometric authentication and two-factor authentication to ensure that users' Cryptocurrency holdings are kept safe. In addition, Tres Wallet supports a range of different Cryptocurrencies, tokens, and more, giving users flexibility and choice when it comes to managing their Cryptocurrency assets.

Tres Wallet also offers a range of features designed to make Cryptocurrency transactions faster and more efficient. Tres wallet can be downloaded from Playstore.

Playstore:
https://play.google.com/store/apps/details?id=finance.tresleches.cakewallet
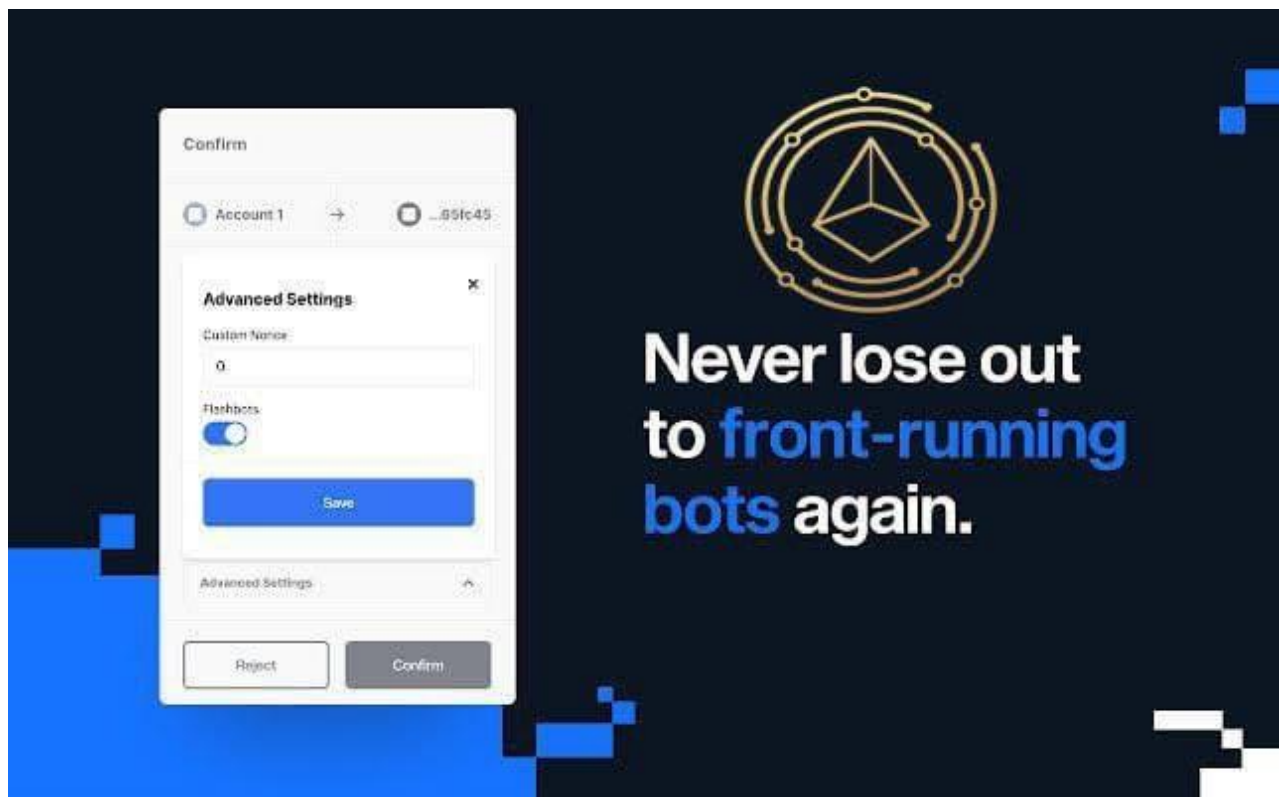
Meet the Team

Our team is composed of mainly the community, however, there are a few members of the community that has proven to be the leads of the projects over this past year.

Blade:
Our Blockchain developer has over 25 years of experience in the field and has developed many successful projects. This project is just a way for him to give back using his skillset.

Contact: admin@treschain.com

NHIO:
Our web developer is always working hard on building his skillset and has proven to be one of the best web developers out there.

Contact: webdev@treschain.com

You can find them on our Telegram Group, always active, and always moving forward with their goals. They are our Master Chef.
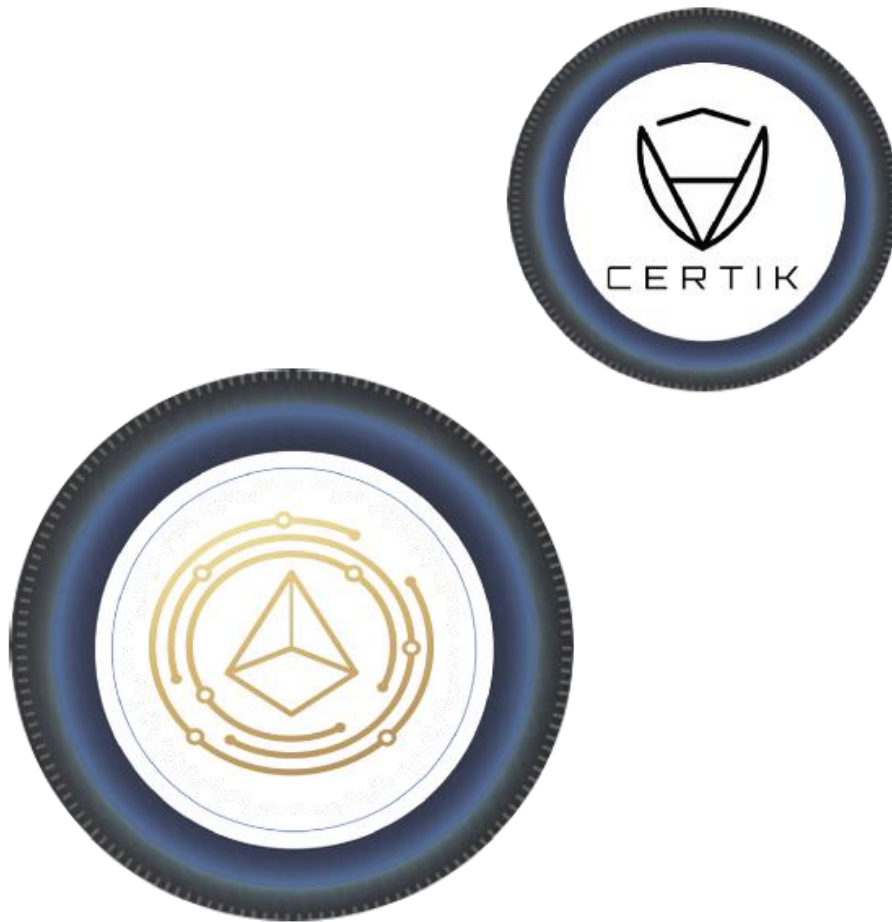
Tres Chain Audit

Tres Chain is officially audited by CertiK, one of the biggest auditing platforms in the crypto space. The security audit report provided by CertiK assesses the smart contract code of the Tres-Chain platform and its associated contracts.

Providing valuable insights into the security of the Tres-Chain platform, highlighting potential vulnerabilities, and providing recommendations for improving the security of the platform to ensure the safety of user assets.

Tres Chain Audit

A smart contract security audit essentially examines a project's smart contracts holistically in an effort to prevent potential weaknesses and errors that could compromise the security of the Blockchain security, or the security of the DApp and the valuables (i.e. digital assets) contained within. Therefore Tres Chain has conducted an audit by a well-known auditing company in the world, namely CertiK Audit

CertiK is a Blockchain security company that provides auditing and verification services to ensure the safety and security of Blockchain projects. The Tres-Chain project is a decentralized finance (DeFi) platform built on the Binance Smart Chain (BSC). The project aims to provide users with a secure and efficient way to trade, lend, and borrow Cryptocurrencies.

The security audit report provided by CertiK assesses the smart contract code of the Tres-Chain platform and its associated contracts.
The audit report covers the following aspects of the platform:

Vulnerability assessment:
CertiK conducted a thorough review of the smart contract code to identify any potential vulnerabilities that could be exploited by attackers.

Security analysis:
The report also includes an analysis of the security measures implemented by the Tres-Chain project to prevent attacks and protect user assets.

Code quality review:
CertiK assessed the overall quality of the smart contract code to ensure that it meets industry standards for code clarity, maintainability, and readability.

Best practices and recommendations:
The report includes recommendations for best practices that the Tres-Chain project can implement to improve the security of its platform and protect user assets.

Click on the link below to check out Tres Chain official audit report by CertiK

Link:
https://www.certik.com/projects/tres-chain?utm_source=SkyEmblem&utm_campaign=tres-chain&utm_medium=card#audit

Meet the Community

Every community member should feel appreciated, heard, respected, and valued. There is no room for hatred and prejudice, all love with the Tres Chain Community, anything is possible. Join the Tres Chain today:

Website:
https://www.treschain.com

Blockchain Explorer:
https://www.treschain.io

Telegram:
https://t.me/treschain

Twitter:
https://twitter.com/treslecheschain

YouTube:
https://youtube.com/@treslecheschain

Medium:
https://treschain.medium.com

Reddit:
https://www.reddit.com/r/treschain

Chainlist:
https://chainlist.org/chain/6066

LinkedIn:
https://www.linkedin.com/company/treschain

Facebook:
https://facebook.com/treschain

Instagram:
https://www.instagram.com/treslecheschain

www.treschain.com

Legal Disclaimer & Risk

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You should have no expectation of any form from Tres Chain and its Team, Although Tres Chain is a Community-Driven Decentralized Finance (DeFi) Blockchain for social networking and not a registered Digital Currency. The Team strongly recommends that citizens in areas with government bans on Cryptocurrency do not purchase it because the Team cannot ensure compliance with established regulations within certain territories. Always make sure that you comply with your local laws and regulations before you make any purchase.

Risk Disclosure

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A Bit of Housekeeping. Do Your Own Research (DYOR)