Omni Chain Support

Web3 · https://namazustudios.com/docs/namazu-elements-core/features/web3/omni-chain-support/

Perform operations on multiple blockchains simultaneously using Elements Blockchain APIs.

Elements provides the ability to perform operations against multiple blockchains in tandem. Omni Chain allows developers to support the following operations.

- Cryptographically secure vaults which can store multiple custodial wallets.
- Encrypted wallet storage for multiple blockchains.
- Tracking of smart contract metadata.
- The ability to invoke methods or send code to each blockchain using the scripting engine.
- Import wallets, which store only the public key, allowing users to receive goods or coins without having to store the private key
- Full custodial wallets which allow Elements to sign transactions on behalf of users.
- Full server-side scripting support allowing Elements developers to securely control access to each individual blockchain.
- Automatic wallet generation.

Supported Blockchain APIs

Elements provides native support for each of the following blockchain APIs.

- NEO
- Ethereum
- Solana
- Flow

Supported Blockchain Networks

Elements provides native support for each of the following blockchain Networks.

- NEO Main Net
- NEO Test Net
- Ethereum Main Net
- Ethereum Sepolia Test Network
- Polygon Main Net
- Polygon Test Net (Matic)
- Binance Smart Chain Main Net
- Binance Smart Chain Test Net
- Solana Main Net
- Solana Test Net
- Flow Main Net
- Flow Test Net

Hosted Nodes

For shared and pro tiers, Elemental Computing provides nodes through which developers can access the blockchain. The nodes we provide are for excusive use of our customers giving our custoemrs priority access to each network. This elimiates the need to run your own node or go to a third party to deploy nodes.

Additionally, shared and pro tier users can enjoy node management that scales automatically with usage and demands ensuring that your application will always have reliable access to the blockchain.

Omni Chain Topics

In this section you will find detailed info about each of the Omni Chain features.

- Vaults
- Wallets
- Smart Contracts