

Introduction

The 1inch Web3 RPC API provides you with an easy way to maintain a constant, secure connection to the blockchain. These nodes provide reliable, real-time data access and interaction capabilities for executing transactions, monitoring block events, and querying network data efficiently.

! INFO

Enhanced API services are available as part of our paid plans. They are designed for enterprises with high-demand blockchain interactions or substantial operational scale, ensuring superior performance in terms of connectivity, throughput, and response times.

Supported Networks

- [Ethereum Mainnet](#)
- [Solana](#)
- [Arbitrum](#)
- [Avalanche](#)
- [BNB Chain](#)
- [Gnosis](#)
- [Sonic](#)
- [Optimism](#)
- [Polygon](#)
- [zkSync Era](#)
- [Base](#)
- [\[Linea\] \(<https://linea.build>\)](#)
- [Unichain](#)

Potential use cases

- Decentralized applications (dApps): ensure your dApp has a stable and secure connection to the blockchain for tasks like reading smart contract data, sending transactions, and querying blockchain

state.

- Decentralized exchanges (DEXes): maintain high uptime and reliable data feeds for trading operations, ensuring users can trade assets seamlessly.
- Trading bots: achieve fast and reliable access to blockchain data to make timely trading decisions and execute trades.
- Wallets: provide users with real-time balance updates, transaction statuses, and other important blockchain data.
- Analytics platforms: collect and analyze blockchain data for insights and trends without worrying about node maintenance.

Benefits of using 1inch Web3 RPC API

- Maximal uptime: we have developed the most advanced internal systems for node health check/load balancing, which enable us to offer the maximum possible uptime.
- High load resistance: thanks to our significant expertise, we can support high network load without sacrificing uptime.
- Support for multiple chains: the Web3 Node API supports different EVM networks, allowing you to interact with various blockchains through a single provider.
- Seamless integration: easily integrate with your existing web3 projects using standard Web3 libraries.
- Included with paid accounts: our enhanced API services, including the Web3 RPC API, are included with all paid user accounts, offering a comprehensive solution for enterprises and high-demand projects.

API Reference

For detailed information about each endpoint, refer to the Web3 RPC API [Swagger](#) section.

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