

# RPC & Node Providers

This reference guide lists different RPC and node providers to help you connect to an Optimism node.

This page includes providers that meet specific [inclusion criteria](#), as outlined below. Please visit the [community node providers page \(opens in a new tab\)](#) for an additional listing of third-party node providers.

## Ankr

### Description and Pricing

[Ankr \(opens in a new tab\)](#) provides a geo-distributed and decentralized (free) public and premium (Pay-as-you-go) [Optimism RPC \(opens in a new tab\)](#) comprised of many independent blockchain nodes running worldwide for low-latency and incredibly reliable connections.

Moreover, Ankr offers access to developer tooling on OP Mainnet (and testnets) like SDKs and [Advanced APIs \(opens in a new tab\)](#) such as NFT, Token and Query API.

### Supported Networks

- OP Mainnet
- OP Sepolia

## Alchemy

### Description and Pricing

[Alchemy \(opens in a new tab\)](#) is a popular API provider and developer platform. Its robust, free tier offers access to enhanced features like SDKs and enhanced APIs and hosted OP Mainnet and testnet nodes.

### Supported Networks

- OP Mainnet
- OP Sepolia

## dRPC

### Description and Pricing

[dRPC \(opens in a new tab\)](#) provides geo-distributed, auto-scalable OP Mainnet and OP Sepolia nodes. For more information, visit [dRPC's chainlist for Optimism \(opens in a new tab\)](#). dRPC supports Websocket and all methods, including debug and trace methods. For early-stage startups, dRPC and Optimism Collective provide OP Mainnet nodes from 3 geo clusters without method restrictions and are totally free! For commercial nodes, dRPC uses a pay-as-you-go model without hidden fees and rate limits. Feel free to try fast and reliable nodes.

Supported Networks OP Mainnet OP Sepolia

## Infura

### Description and Pricing

[Infura \(opens in a new tab\)](#) is a Web3 infrastructure provider that offers free access to hosted [OP Mainnet and testnet nodes \(opens in a new tab\)](#), with the option to upgrade to [paid plans \(opens in a new tab\)](#) for more features. With Infura's highly performant Optimism node infrastructure, developers can eliminate the need for syncing or complex setups and get reliable and consistent access to the Optimism blockchain.

[Sign up for a free Infura account here \(opens in a new tab\)](#)

### Supported Networks

- OP Mainnet
- OP Sepolia

## QuickNode

## Description and Pricing

[QuickNode\(opens in a new tab\)](#) offers access to hosted OP Mainnet (and testnet) nodes for free. With the option to upgrade to a premium plan for additional features, we allow you to focus solely on optimizing your application while we manage the complex infrastructure.

## Supported Networks

- OP Mainnet
- OP Sepolia

## Inclusion Criteria

Developer teams who want to feature products/tools on this page must meet the following criteria:

1. ongoing partnership
2. with Optimism whether formal agreement, RPGF, RFP, collaborated on specific initiatives, etc.;
3. established user base
4. and OP ecosystem engagement such as governance participation, homegrown TG or Discord participation, etc.; and
5. actively maintained developer tool
6. that aligns with OP's commitment to a magical developer experience (e.g., easy-to-use, easy-to-integrate, great DevX, highly-rated by community, etc.)

For teams that are supporting but still establishing a user base, we encourage you to share your tool on the [community node providers page\(opens in a new tab\)](#) . You can also promote your tool in the [developer forum\(opens in a new tab\)](#) and sign up to share your tool at the next [demo day\(opens in a new tab\)](#) .

## Next Steps

- Please visit the [community node providers page\(opens in a new tab\)](#)
- for a listing of third-party node providers used by the Optimism developer community.
- Looking for other developer tools? See [developer tools overview](#)
- to explore more options!

[Networks and RPC Endpoints Faucets](#)