

# Sending Tx and Bundles

Flashbots provides a variety of methods for submitting transactions and bundles. This guide is designed to help you understand these options and select the one that best fits your needs.

## Understanding Relay and RPC Endpoints

Flashbots offers two primary JSON-RPC endpoints on Ethereum Mainnet: `rpc.flashbots.net` and `relay.flashbots.net`.

### `rpc.flashbots.net`

- For Retail Users
- Purpose
  - : Designed specifically for retail users as a drop-in RPC replacement in their wallet.
- Features
  - : Provides MEV protection and MEV refunds for eligible transactions. Support all the regular [Ethereum JSON RPC methods](#)
  - but not [Flashbots specific JSON RPC methods](#)
  - .
- Performance
  - : [Rate limited](#)
  - to satisfy the need of regular users.
- Note
  - : Transactions are submitted through `eth_sendRawTransaction`
  - to fit wallet RPC interface. Underneath, the endpoint uses `relay.flashbots.net`
  - to submit transactions.

### `relay.flashbots.net`

- For Advanced Users
- Purpose
  - : Designed for advanced users, including searchers, applications, and Telegram bots. It accepts both transactions and bundles.
- Features
  - : Support all [Flashbots specific JSON RPC methods](#)
  - . Does not support regular [Ethereum JSON RPC methods](#)
  - .
- Performance
  - : Offers a high [rate limit](#)
  - of 10,000 requests per second per IP address.
- Recommendation
  - : Ideal for activities beyond simple transaction submissions via wallets.

## Choosing the Right JSON-RPC Method

With `relay.flashbots.net` identified as the go-to for advanced operations, the choice of JSON-RPC methods is as follows:

- For Single Transactions
  - : Use `eth_sendPrivateTransaction`
  - .
- For Bundles of Transactions
  - : \* Use
    - ◦ `mev_sendBundle`
    - ◦ for more flexibility and power, like leveraging the [new bundle format](#)
    - ◦ , [MEV-Share](#)
    - ◦ , and [multiplexing to multiple builders](#)
    - ◦ .

- Use
- 
- :eth\_sendBundle
- 
- if you want something simple and quick! The OG way of sending bundles.[Edit this page](#) Last updated on Jan 30, 2024 [Previous](#) [Code of Conduct](#) [Next](#) [Overview](#)