Quick Start

Gelato Relay, as easy as 0xabc... Please seehere for supported networks and contract addresses. After reading this page:

- You'll go through a decision process to understand the best way to integrate withGelato Relay
- .

- You'll know exactly which SDK/API method is for you. * Depending on your final destination, please click the corresponding link to find about your chosen SDK method:

- sponsoredCallERC2771

- callWithSyncFeeERC2771
- sponsoredCall
- callWithSyncFee
-

Option 1: Your users pay for for their own gas

If you do not want to sponsor your user's gas, you will use thecallWithSyncFeeERC2771 orcallWithSyncFee SDK method with theSyncFee payment method. This will require you to deploy a new contract (or upgrade if you can) to be compatible with Gelato'srelay context contracts .

Option 2: Sponsoring some/all of your users' gas

Sponsoring some of your user's gas:

Gelato Relay allows for partial sponsoring of gas based on certain conditions with developer-defined rules! For example, an app could sponsor user's gas based on a certain NFT being present in their wallet, or perhaps the NFT allows the user to have 10 gasless transactions a day. As a sponsor, you will able to customize with Gelato Relay's sponsor dashboard, comingsoon ™.

Sponsoring all of your user's gas:

- Gelato handles user signature verification:
- go ahead and usesponsoredCallERC2771
- where Gelato handles user signature verification for you. In this method, you can useERC-2771
- 's_msgSender()
- to validate your relay calls on-chain. This will require an upgrade to your target contract forERC2771Context
- support, if it does not support it already.
- You handle user signature verification
- : If your app workflow already handles its security in-house (i.e. use of user signatures, replay/reentrancy protection etc.) and
- youdo
- want to sponsor all of your user's gas, you are ready to use Gelato Relay without any change to your existing smart contract logic. This will be using thesponsoredCall
- method.
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