

eth_getTransactionCount

Returns the number of transactions sent from an address.

Parameters

- address
 - : [Required]
 -] A string representing the address (20 bytes).
- block parameter
 - : [Required]
 -] A hexadecimal block number, or one of the string tagslatest,earliest,pending,safe, orfinalized
 - . See the[default block parameter](#)
 - .

Returns

transaction count : A hexadecimal equivalent of the integer representing the number of transactions sent from the given address.

Example

ReplaceYOUR-API-KEY with an API key from your[Infura dashboard](#) .

Request

- cURL
- WSS

```
curl https://optimism-mainnet.infura.io/v3/YOUR-API-KEY \ -X POST \ -H "Content-Type: application/json" \ -d '{"jsonrpc":"2.0","method":"eth_getTransactionCount","params":["0xc94770007dda54cF92009BFF0dE90c06F603a09f","0x5bad55"],"id":1}' wscat -c wss://optimism-mainnet.infura.io/ws/v3/YOUR-API-KEY -x '{"jsonrpc":"2.0","method":"eth_getTransactionCount","params":["0xc94770007dda54cF92009BFF0dE90c06F603a09f","0x5bad55"],"id":1}'
```

Response

- JSON

```
{ "jsonrpc": "2.0", "id": 1, "result": "0x1a" }
```

Last updated on Apr 19, 2024 [Previous eth_getTransactionByHash](#) [Next eth_getTransactionReceipt](#)