

eth_getBlockTransactionCountByNumber

Returns the number of transactions in the block with the given block number.

Parameters

block number :[Required] A hexadecimal block number, or one of the string tagslatest ,earliest ,pending ,safe , or finalized . See the[default block parameter](#) .

Returns

block transaction count : A hexadecimal equivalent of the integer representing the number of transactions in the block.

Example

Replace YOUR-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_getBlockTransactionCountByNumber", "params": ["latest"], "id": 1}' wscat -c wss://optimism-mainnet.infura.io/ws/v3/YOUR-API-KEY -x '{"jsonrpc": "2.0", "method": "eth_getBlockTransactionCountByNumber", "params": ["latest"], "id": 1}'
```

Response

- JSON

```
{ "jsonrpc": "2.0", "id": 1, "result": "0xa0" }
```

Last updated on Apr 19, 2024 [Previous eth_getBlockTransactionCountByHash](#) [Next eth_getCode](#)