

eth_getTransactionByHash

Returns information about a transaction for a given hash.

Parameters

transaction hash : [Required] A string representing the hash (32 bytes) of a transaction.

Returns

A transaction object, or null when no transaction was found. The transaction object will consist of the following keys and their values:

- accessList
 - : [optional]
 -] A list of addresses and storage keys accessed by the transaction. See [access list transactions](#)
 - .
- blockHash
 - : 32 bytes. A hash of the block including this transaction.null
 - when it's pending.
- blockNumber
 - : The number of the block including this transaction.null
 - when it's pending.
- chainID
 - : [optional]
 -] chain ID specifying the network. Returned only for [EIP-1559 transactions](#)
 - .
- from
 - : 20 bytes. The address of the sender.
- gas
 - : Gas provided by the sender.
- gasPrice
 - : Gas price provided by the sender in Wei.
- hash
 - : 32 bytes. The hash of the transaction.
- input
 - : The data sent along with the transaction.
- maxPriorityFeePerGas
 - : [optional]
 -] Maximum fee, in Wei, the sender is willing to pay per gas above the base fee. See [EIP-1559 transactions](#)
 - .
- maxFeePerGas
 - : [optional]
 -] Maximum total fee (base fee + priority fee), in Wei, the sender is willing to pay per gas. See [EIP-1559 transactions](#)
 - .
- nonce
 - : The number of transactions made by the sender prior to this one.
- r
 - : 32 bytes. The ECDSA signaturer
 - .
- s
 - : 32 bytes. The ECDSA signatures
 - .
- to
 - : 20 bytes. The address of the receiver.null
 - when it's a contract creation transaction.
- transactionIndex
 - : The transaction's index position in the block, in hexadecimal.null
 - when it's pending.
- type
 - : The [transaction type](#)
 - .
- v
 - : The ECDSA recovery ID.
- value
 - : The value transferred in Wei.

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_getTransactionByHash","params":["0xbb3a336e3f823ec18197f1e13ee875700f08f03e2cab75f0d0b118dabb44cba0"],"id":1}' wscat -c wss://optimism-mainnet.infura.io/ws/v3/YOUR-API-KEY -x '{"jsonrpc":"2.0","method":"eth_getTransactionByHash","params":["0xbb3a336e3f823ec18197f1e13ee875700f08f03e2cab75f0d0b118dabb44cba0"],"id":1}'
```

Response

- JSON

[illegible]

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