

## 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://zksync-mainnet.infura.io/v3/YOUR-API-KEY \-X POST \-H "Content-Type: application/json" \-d '{"jsonrpc": "2.0", "method": "eth_getTransactionByHash", "params": ["0xbb3a3366c3f823ec18197f1e13ee875700f08f03e2cab75f0d0b118dbabb44cba0"], "id": 1}' \-wscat \-c wss://zksync-mainnet.infura.io/ws/v3/YOUR-API-KEY \-H "Content-Type: application/json" \-d '{"jsonrpc": "2.0", "method": "eth_getTransactionByHash", "params": ["0xbb3a3366c3f823ec18197f1e13ee875700f08f03e2cab75f0d0b118dbabb44cba0"], "id": 1}'
```

## Response

- JSON

```
{ "id": 1, "jsonrpc": "2.0", "result": { "blockHash": "0xb3b20624f8f0f86eb5d0d4688409e5cea4bd02d700bf6e79e9384dd47d6a5a35", "blockNumber": "0x5bad55", "chainId": "0x1", "from": "0x398137383bd325c92898ce656696e41950e47316b", "gas": "0x1d45e", "gasPrice": "0xfa56ea00", "hash": "0xbb3a336e3f823ec18197f1e13ee875700f0803e2cab75fd0db118adb44cba0", "input": "0xf7d8c88300000000000000000000000000000000000000000000000000000000cee610000000000000000000000000000000000000000ac3e1", "nonce": "0x18", "r": "0x2a378831cf81d99a3f06a18ae1b6ca366817ab4d88a70053cd1d7a8f0368e031", "s": "0x450d831a05b6e418724436c05c155e0a1b7b921015dfbc2f667aed709ac4fb5", "to": "0x06012c8cf97bead5deae237070f9587f8e7a266d", "transactionIndex": "0x11", "type": "0x0", "v": "0x25", "value": "0xc1c6bf526340000" } }
```

Last updated on Nov 5, 2024 [Previous](#) [eth\\_getTransactionByBlockNumberAndIndex](#) [Next](#) [eth\\_getTransactionCount](#)