

## 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.
- yParity
- : [optional]
- ] Parity (0x0
- for even,0x1
- for odd) of the y-value of [secp256k1](#)
- signature.

## Example

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

## Request

- cURL
- WSS

```
curl https://mainnet.infura.io/v3/YOUR-API-KEY \-X POST \-H "Content-Type: application/json" \-d '{"jsonrpc": "2.0", "method": "eth_getTransactionByHash", "params": ["0xb3ca336e3f823ec18917f1e13ee875700f08f032eb7f5f0db118dabb44cba0"], "id": 1}' \-wscat -c wss://mainnet.infura.io/vs/v3/YOUR-API-KEY -x '{"jsonrpc": "2.0", "method": "eth_getTransactionByHash", "params": ["0xb3ca336e3f823ec18917f1e13ee875700f08f032eb7f5f0db118dabb44cba0"], "id": 1}'
```

## Response

- JSON

[illegible]

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