

eth_getTransactionReceipt

Returns the receipt of a transaction given transaction hash. Note that the receipt is not available for pending transactions.

Parameters

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

Returns

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

- blockHash
 - : 32 bytes. Hash of the block including this transaction.
- blockNumber
 - : Block number including this transaction.
- contractAddress
 - : 20 bytes. The contract address created if the transaction was a contract creation, otherwise null.
- cumulativeGasUsed
 - : The total amount of gas used when this transaction was executed in the block.
- effectiveGasPrice
 - : The actual value per gas deducted from the sender's account. Before [EIP-1559](#), equal to the gas price.
- from
 - : 20 bytes. The address of the sender.
- gasUsed
 - : The amount of gas used by this specific transaction alone.
- logs
 - : (Array) An array of log objects generated by this transaction.
- logsBloom
 - : 256 bytes. Bloom filter for light clients to quickly retrieve related logs.
- One of the following:
 - root
 - : 32 bytes of post-transaction stateroot (pre-Byzantium)
 - status
 - : Either 1 (success) or 0 (failure)
- to
 - : 20 bytes. The address of the receiver.null
- when the transaction is a contract creation transaction.
 - transactionHash
 - : 32 bytes. The hash of the transaction.
 - transactionIndex
 - : Hexadecimal of the transaction's index position in the block.
 - type
 - : the [transaction type](#)

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_getTransactionReceipt","params":["0xb3ba336e3f823ec181971e13ee875700f0803e2cab75f0db118dabb44cba0"],"id":1}' --wscat -c wss://optimism-mainnet.infura.io/vs/v3/YOUR-API-KEY -x '{"jsonrpc":"2.0","method":"eth_getTransactionReceipt","params":["0xb3ba336e3f823ec181971e13ee875700f0803e2cab75f0db118dabb44cba0"],"id":1}'
```

Response

- JSON

[illegible]

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