

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://mainnet.infura.io/v3/YOUR-API-KEY \-X POST \-H "Content-Type: application/json" \-d '{"jsonrpc":"2.0","method":"eth_getTransactionReceipt","params":["0xb3a336e3f823ec1897f1e13ee875700f08f03e2cb75f0db118dabb44cba0"],"id":"1"}' \wscaat -csew//mainnet.infura.io/vs/v3/YOUR-API-KEY -x
```

Response

- JSON

```
{ "jsonrpc": "2.0", "id": "1", "result": { "blockHash": "0x0a79eca9f5ca58a1d5d5030afabfd8e815bb877a9f223f74d59aa39596ec1c7", "blockNumber": "0x11e5883", "contractAddress": null, "cumulativeGasUsed": "0xc537e7", "effectiveGasPrice": "0x04a5bba44", "from": "0xb90fb9ae9ea1c9db99fc1c7721a92d351bd4fac990", "gasUsed": "0x5165", "logs": [ { "address": "0x388c818cab8b9251b393131c08a736a67ccb19297", "blockHash": "0x0a79eca9f5ca58a1d5d5030afabfd8e815bb877a9f223f74d59aa39596ec1c7", "blockNumber": "0x11e5883", "data": "0x00000000000000000000000000000000000000000000000000000000000000011b6b79503bf875d", "logIndex": "0x187", "removed": false, "topics": [ "0x27f112abfe35860a9a927b465bb3d4a9c23c8428174b383f278fe45ed7b4da2662" ], "transactionHash": "0x7114b4da1aed391d5d781447ed443733dcf2b508c515b81c17379dea8a3c9af", "transactionIndex": "0x76" } ] }, "logsBloom": "0x0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000", "status": "0x1", "to": "0x388c818cab8b9251b393131c08a736a67ccb19297", "transactionHash": "0x7114b4da1aed391d5d781447ed443733dcf2b508c515b81c17379dea8a3c9af", "transactionIndex": "0x76", "type": "0x2" }
```

Last updated on Apr 19, 2024 [Previous](#) [eth_getTransactionCount](#) [Next](#) [eth_getUncleByBlockHashAndIndex](#)