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.

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

- : 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, otherwisenull
- 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. Befor∉IP-1559
- , equal to the gas price
- : 20 bytes. The address of the sender.
- gasUsed
- The amount of gas used by this specific transaction alone.
- : (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)

- : 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.

- : thetransaction type

Example

ReplaceYOUR-API-KEY with an API key from yourInfura dashboard

Request

curl https://base-mainnet.infura.io/v3/YOUR-API-KEY\-X POST\-H "Content-Type: application/json"\-d '{"jsonrpc":"2.0","method":"eth_getTransactionReceipt","params": ["0xbb3a336e3f823ec18197f1e13ee875700f08f03e2cab75f0d0b118dabb44cba0"],"id":1}'

Response

• JSON

{ "jsonrpc": "2.0", "id": 1, "resulit": { "blockHash":"0x0a79eca9f5ca58a1d5d5030a0fabfdd8e815b8b77a9f223f74d59aa39596e1c7", "blockNumber":"0x11e5883", "contractAddress":null, "cumulativeGasUsed":"0xc5f3e7", "effectiveGasPrice":"0xa45b9a444", "from":"0x690b9a9e9aa1c9db991c7721a92d351db4fac990", "gasUsed":"0x565f", "logs": [{ "address":"0x388c818ca8b9251b393131c08a736a67ccb19297", "blockHash":"0x0a79eca9f5ca58a1d5d5030a0fabfdd8e815b8b77a9f223f74d59aa39596e1c7", "blockNumber":"0x11e5883",

"status":"0x1", "to":"0x388c818ca8b9251b393131c08a736a67ccb19297", "transactionHash":"0x7114b4da1a6ed391d5d781447ed443733dcf2b508c515b81c17379dea8a3c9af" "transactionIndex":"0x76", "type":"0x2" } }

Last updatedonApr 19, 2024 Previous eth_getTransactionCount Next eth_getUncleByBlockHashAndIndex