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, 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. BeforeEIP-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
- : thetransaction type
- .

Example

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

Request

- cURL
- WSS

curl https://scroll-mainnet.infura.io/v3/ \ -X POST \ -H "Content-Type: application/json" \ -d '{"jsonrpc": "2.0", "method": "eth_getTransactionReceipt", "params": ["0xbb3a336e3f823ec18197f1e13ee875700f08f03e2cab75f0d0b118dabb44cba0"], "id": 1}' wscat -c wss://scroll-mainnet.infura.io/ws/v3/ -x '{"jsonrpc": "2.0", "method": "eth_getTransactionReceipt", "params": ["0xbb3a336e3f823ec18197f1e13ee875700f08f03e2cab75f0d0b118dabb44cba0"], "id": 1}'

Response

- JSON

{ "jsonrpc": "2.0", "id": 1, "result": { "blockHash":"0x0a79eca9f5ca58a1d5d5030a0fabfdd8e815b8b77a9f223f74d59aa39596e1c7", "blockNumber":"0x11e5883", "contractAddress":null, "cumulativeGasUsed":"0xc5f3e7", "effectiveGasPrice":"0xa45b9a444", "from":"0x690b9a9e9aa1c9db991c7721a92d351db4fac990", "gasUsed":"0x565f", "logs": [{ "address":"0x388c818ca8b9251b393131c08a736a67ccb19297", "blockHash":"0x0a79eca9f5ca58a1d5d5030a0fabfdd8e815b8b77a9f223f74d59aa39596e1c7", "blockNumber":"0x11e5883", "data":"0x000000000000000000000000000000000000000000000011b6b79503fb875d", "logIndex":"0x187", "removed":false, "topics": ["0x27f12abfe35860a9a927b465bb3d4a9c23c8428174b83f278fe45ed7b4da2662"], "transactionHash":"0x7114b4da1a6ed391d5d781447ed443733dcf2b508c515b81c17379dea8a3c9af", "transactionIndex":"0x76" }], "logsBloom":"0x00000000000000000000000000000000000000010000400000000000000000000000000000000000000000000000000000000000000000000000000000000000 "status":"0x1", "to":"0x388c818ca8b9251b393131c08a736a67ccb19297", "transactionHash":"0x7114b4da1a6ed391d5d781447ed443733dcf2b508c515b81c17379dea8a3c9af", "transactionIndex":"0x76", "type":"0x2" } }