eth_getTransactionReceipt

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

info Currently, the Binance Smart Chain service supports only near head requests (the latest 128 blocks). Archive requests are not available at this time.

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://bsc-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}' wscat -c wss://bsc-mainnet.infura.io/ws/v3/YOUR-API-KEY -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":"0x0000000000000000000000000000000000000000000000011b6b79503fb875d", "logIndex":"0x187", "removed":false, "topics": ["0x27f12abfe35860a9a927b465bb3d4a9c23c8428174b83f278fe45ed7b4da2662"], "transactionHash":"0x7114b4da1a6ed391d5d781447ed443733dcf2b508c515b81c17379dea8a3c9af", "transactionIndex":"0x76" }], "logsBloom":"0x00000000000000000000000000000000000010000400000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000 "status":"0x1", "to":"0x388c818ca8b9251b393131c08a736a67ccb19297", "transactionHash":"0x7114b4da1a6ed391d5d781447ed443733dcf2b508c515b81c17379dea8a3c9af", "transactionIndex":"0x76", "type":"0x2" } }