

eth_getTransactionReceipt

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

For Growth and Custom service plans This JSON-RPC method allows a request to be forwarded to a partner service provider if Infura should experience a service issue or outage. See [Failover protection](#) and [Enable API request forwarding](#) for complete details.

If you would like failover protection but don't qualify under your current plan, then either self-upgrade to the Growth plan or contact a sales representative to upgrade to a Custom plan.

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://polygon-mainnet.infura.io/v3/YOUR-API-KEY -X POST -H "Content-Type: application/json" -d '{"jsonrpc":"2.0","method":"eth_getTransactionReceipt","params":["0xb33a336e3f823ec181971fe13ee875700f08f032cab75f0d0b118dbab44cba0"],"id":1}' -wscat -c wss://polygon-mainnet.infura.io/ws/v3/YOUR-API-KEY -x '{"jsonrpc":"2.0","method":"eth_getTransactionReceipt","params":["0xb33a336e3f823ec181971fe13ee875700f08f032cab75f0d0b118dbab44cba0"],"id":1}'
```

Response

- JSON

```

{"jsnprio": "2.0", "id": "1", "result": {""blockHash": "0x0a79eca9f5ca58a1d5d5030a0fabfd8e815b8b77a9f223f74d59aa39596e1c7", "blockNumber": "0x11e5883", "contractAddress": null, "cumulativeGasUsed": "0xc53e7", "effectiveGasPrice": "0x04a5b9a44", "from": "0x690b9a9ea9ea1c9db991c7721a92d351db4fac990", "gasUsed": "0x51563", "logs": [{"address": "0x388c818ca8b9251b393131c08a736a67ccb19297", "blockHash": "0x0a79eca9f5ca58a1d5d5030a0fabfd8e815b8b77a9f223f74d59aa39596e1c7", "blockNumber": "0x11e5883", "data": "0x0000000000000000000000000000000000000000000000000000000000000000", "logIndex": "0x187", "removed": false, "topics": [{"data": "0x027112abfe35860a9a927b465bb3d4a9c23c8428174b383278fe45ed7bd4a2662", "transactionHash": "0x7114b4da1a6ed391d5d781447ed443733dcf2b508c515b81c17379dea8a3c9af", "transactionIndex": "0x76"}]}, {"logsBloom": "0x0000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000", "status": "0x1", "to": "0x388c818ca8b9251b393131c08a736a67ccb19297", "transactionHash": "0x7114b4da1a6ed391d5d781447ed443733dcf2b508c515b81c17379dea8a3c9af", "transactionIndex": "0x76", "type": "0x0"}]}

```

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