eth_getTransactionByHash

Returns information about a transaction for a given hash.

Parameters

transaction hash : [Required] A string representing the hash (32 bytes) of a transaction.

Returns

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

- accessList
- : [optional
-] A list of addresses and storage keys accessed by the transaction. See access list transactions
- .
- blockHash
- : 32 bytes. A hash of the block including this transaction.null
- when it's pending.
- blockNumber
- : The number of the block including this transaction.null
- when it's pending.
- chainID
- : [optional
-] chain ID specifying the network. Returned only for EIP-1559 transactions
- .
- from
- : 20 bytes. The address of the sender.
- gas
- : Gas provided by the sender.
- gasPrice
- : Gas price provided by the sender in Wei.
- hash
- : 32 bytes. The hash of the transaction.
- input
- : The data sent along with the transaction.
- maxPriorityFeePerGas
- : [optional
-] Maximum fee, in Wei, the sender is willing to pay per gas above the base fee. See EIP-1559 transactions
- .
- maxFeePerGas
- : [optional
-] Maximum total fee (base fee + priority fee), in Wei, the sender is willing to pay per gas. See EIP-1559 transactions
- .
- nonce
- : The number of transactions made by the sender prior to this one.
- r
- : 32 bytes. The ECDSA signaturer
- .
- s
- : 32 bytes. The ECDSA signatures
- .
- to
- : 20 bytes. The address of the receiver.null
- when it's a contract creation transaction.
- transactionIndex
- : The transaction's index position in the block, in hexadecimal.null
- when it's pending.
- type
- : The transaction type
- .
- v
- : The ECDSA recovery ID.
- value
- : The value transferred in Wei.

Example

Replace YOUR-API-KEY with an API key from your Infura dashboard .

Request

- cURL

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

Response

- JSON

{ "id" : 1, "jsonrpc" : "2.0", "result" : { "blockHash" : "0xb3b20624f8f0f86eb50dd04688409e5cea4bd02d700bf6e79e9384d47d6a5a35", "blockNumber" : "0x5bad55", "chainId" : "0x1", "from" : "0x398137383b3d25c92898c656696e41950e47316b", "gas" : "0x1d45e", "gasPrice" : "0xfa56ea00", "hash" : "0xbb3a336e3f823ec18197f1e13ee875700f08f03e2cab75f0d0b118dabb44cba0", "input" : "0xf7d8c883000000000000000000000000000000000000000000000000000000000000cee610000000000000000000000000000000000000000000000000000000000000ac3e1", "nonce" : "0x18", "r" : "0x2a378831cf81d99a3f06a18ae1b6ca366817ab4d88a70053c41d7a8f0368e031", "s" : "0x450d831a05b6e418724436c05c155e0a1b7b921015d0fbc2f667aed709ac4fb5", "to" : "0x06012c8cf97bead5deae237070f9587f8e7a266d", "transactionIndex" : "0x11", "type" : "0x0", "v" : "0x25", "value" : "0x1c6bf526340000" } }