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:

- 1 A list of addresses and storage keys accessed by the transaction. Seaccess list transactions
- : 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 fo EIP-1559 transactions
- : 20 bytes. The address of the sender.
- gas
- : Gas provided by the sender.
- gasPrice
- : Gas price provided by the sender in Wei.
- : 32 bytes. The hash of the transaction.
- · : 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. Se€IP-1559 transactions
- maxFeePerGas
- : [optional
- Maximum total fee (base fee + priority fee), in Wei, the sender is willing to pay per gas. See IP-1559 transactions
- : The number of transactions made by the sender prior to this one.
- : 32 bytes. The ECDSA signaturer
- : 32 bytes. The ECDSA signatures
- : 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
- : Thetransaction type
- : The ECDSA recovery ID.
- value
- : The value transferred in Wei.

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_getTransactionByHash","params": ["0xbb3a336e3f823ec18197f1e13ee875700f08f03e2cab75f0d0b118dabb44cba0"],"id":1}

Response

JSON

{ "id": 1, "jsonrpc": "2.0", "result": { "blockHash": "0x5bab20624f8f0f86eb50dd04688409e5cea4bd02d700bf6e79e9384d47d6a5a35", "blockNumber": "0x5bad55", "chainId": "0x1", "from" : "0x398137383b3d25c92898c656696e41950e47316b", "gas" : "0x1d45e", "gasPrice" : "0xfa56ea00", "hash" : "0xbb3a336e3f823ec18197f1e13ee875700f08f03e2cab75f0d0b118dabb44cba0", "input" :

"nonce": "0x18", "r": "0x2a378831cf81d99a3f06a18ae1b6ca366817ab4d88a70053c41d7a8f0368e031", "s"

"0x450d831a05b6e418724436c05c155e0a1b7b921015d0fbc2f667aed709ac4fb5", "to": "0x06012c8cf97bead5deae237070f9587f8e7a266d", "transactionIndex": "0x11", "type": "0x0", "v": "0x25", "value": "0x1c6bf526340000" } }

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