eth_getTransactionCount

Returns the number of transactions sent from an address.

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

- address
- : [Required
-] A string representing the address (20 bytes).
- block parameter
- : [Required
-] A hexadecimal block number, or one of the string tagslatest
- ,earliest
- ,pending
- ,safe
- , orfinalized
- . See the[default block parameter](#)
- .

Returns

transaction count : A hexadecimal equivalent of the integer representing the number of transactions sent from the given address.

Example

ReplaceYOUR-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_getTransactionCount","params": ["0xc94770007dda54cF92009BFF0dE90c06F603a09f","0x5bad55"],"id":1}' wscat -c wss://polygon-mainnet.infura.io/ws/v3/YOUR-API-KEY -x '{"jsonrpc":"2.0","method":"eth_getTransactionCount","params": ["0xc94770007dda54cF92009BFF0dE90c06F603a09f","0x5bad55"],"id":1}'

Response

- JSON

{ "jsonrpc": "2.0", "id": 1, "result": "0x1a" }