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getTransaction

post https://{network}.g.alchemy.com/v2/{apiKey} Returns transaction details for a confirmed transaction.

Parameters

-
-
  - transaction signature
-
  - (optional) Config object:* encoding:
-
  - - (optional) encoding for tx data; Either
-
  - "json"
-
  - ,
-
  - "jsonParsed"
-
  - ,
-
  - "base58"
-
  - (slow
-
  -),
-
  - "base64"
-
  - . (default is
-
  - "json"
-
  -)
-
  - commitment:
-
  - - (optional) Configures the commitment level of the blocks queried
  -
    - Accepts one of the following strings: [
  -
    - "finalized"
  -

- ,
- "confirmed"
- ,
- "processed"]
- For more info, refer to thisdoc
- .
- maxSupportedTransactionVersion:
- -(optional) set the max transaction version to return in responses. If the requested transaction is a higher version, an error will be returned.

Results

Tx Success

- slot:
- - the slot this transaction was processed in
- transaction:
- <object|[string,encoding]
-
-
- tx object, either in JSON format or encoded binary data, depending on encoding parameter
- blockTime:
- - estimated production time, as Unix timestamp (seconds since the Unix epoch) of when the transaction was processed.
- meta:
- - transaction status metadata object:* err:
-
- - reported error if transaction failed
-
- fee:
-
- - fee this transaction was charged, as u64 integer
-
- preBalances:
-
- - account balances from before the transaction was processed
-
- postBalances:
-
- - account balances after the transaction was processed
-
- innerInstructions:
-
- - List of inner instructions or
-
- null
-
- if inner instruction recording was not enabled during this transaction
-
- preTokenBalances:
-
- - List of token balances from before the transaction was processed or omitted if token balance recording was not yet enabled during this transaction

- postTokenBalances:
- - List of token balances from after the transaction was processed or omitted if token balance recording was not yet enabled during this transaction
- logMessages:
- - array of string log messages or
- null
- if log message recording was not enabled during this transaction
- rewards:
- - present if rewards are requested:* pubkey:
- - The public key of the account that received the reward
- lamports:
- - number of reward lamports credited or debited by the account
- postBalance:
- - account balance in lamports after the reward was applied
- rewardType:
- - type of reward:
- "rent"
- commission:
- - vote account commission when the reward was credited, only present for voting and staking rewards
- loadedAddresses:
- - Transaction addresses loaded from address lookup tables. Undefined if
- maxSupportedTransactionVersion
- is not set in request params.* writable:
- - Ordered list of addresses for writable loaded accounts

- readonly:
- - Ordered list of addresses for read only loaded accounts
- version:
- <"legacy"|number|undefined> - Transaction version. Undefined if
- maxSupportedTransactionVersion
- is not set in request params.

Tx Failed

- if a transaction is not found or not confirmed

Request

cURL curl --location --request POST'https://solana-mainnet.g.alchemy.com/v2/alch-demo/' --header 'Content-Type: application/json' --data-raw '{ "method": "getTransaction", "jsonrpc": "2.0", "params": ["FhGuWorGjyu1sAMvn53GWb96apbExf8HvX18MVwexMQxmo2sweuSfFpoApJbMT19ijDHRRUk6kDbvE1kgNfRkse", { "commitment": "confirmed" }], "id": "a225dff3-7356-46c2-be70-d0bf77a60e12" }'

Response

Response {"jsonrpc" :"2.0" ,"result" : {"blockTime" :1655319302 ,"meta" : {"err" :null ,"fee" :5000 ,"innerInstructions" : [{"index" :1 ,"instructions" : [{"accounts" : [26 ,13 ,19 ,15 ,16 ,0],"data" :"63S77LdPnZrhcJ2wGjQ7xuV" ,"programIdIndex" :21 }, {"accounts" : [14 ,16 ,0],"data" :"3QCBRJNuTemd" ,"programIdIndex" :26 }, {"accounts" : [2 ,12 ,19],"data" :"3KiXXdFFB5Km" ,"programIdIndex" :26 }] }, {"index" :2 ,"instructions" : [{"accounts" : [10 ,20 ,0 ,12 ,18 ,6 ,1 ,4 ,26],"data" :"dETZL4omNMDLJHiCgf9wKM" ,"programIdIndex" :22 },..... .3 ,9 ,5 ,24 ,14 ,12 ,0],"data" :"3987sfmq8Uv3CmdUFAociw18iE9Ag7yfzTcb" ,"programIdIndex" :25 }, {"accounts" : [22 ,10 ,20 ,12 ,18 ,6 ,1 ,4 ,0 ,26 ,11],"data" :"AmqpnQAj6p7kZBSvn95ZLamBu" ,"programIdIndex" :25 }],"recentBlockhash" :"8HUFHpe2knwEmMrvDnybybfwGULSQzNG2UpuReWWJyTd" },"signatures" : ["FhGuWorGjyu1sAMvn53GWb96apbExf8HvX18MVwexMQxmo2sweuSfFpoApJbMT19ijDHRRUk6kDbvE1kgNfRkse"] } },"id" :"a225dff3-7356-46c2-be70-d0bf77a60e12" }

Path Params apiKey string required .custom-style { color: #048FF4; } For higher throughput,create your own API key Body Params id integer jsonrpc string method string params array params Option 1 Option 2 Option 1 Option 2

Response

200

Response body object id integer jsonrpc string result object | null slot int64 The slot this transaction was processed in. transaction object Tx object, either in JSON format or encoded binary data, depending on encoding parameter. Has additional fields blockTime int64 | null Estimated production time, as Unix timestamp (seconds since the Unix epoch) of when the transaction was processed. meta object Transaction status metadata object. meta object version number | null Transaction version. Undefined if maxSupportedTransactionVersion is not set in request params.

Updated 5 months ago

getTokenSupply getVersion Did this page help you?Yes No