starknet_addDeclareTransaction

Submits a new class declaration transaction.

Parameters

declare_transaction : [Required] A [declare transaction](#) object to declare a new class on StarkNet.

Returns

The result of the transaction submission, including:

- transaction_hash
- : The hash of the declare transaction.
- class_hash
- : The hash of the declared class.

Example

Replace YOUR-API-KEY with an API key from your [Infura dashboard](#) .

Request

- cURL

curl https://starknet-mainnet.infura.io/v3/YOUR-API-KEY \ -X POST \ -H "Content-Type: application/json" \ -d '{ "jsonrpc": "2.0", "method": "starknet_addDeclareTransaction", "params": { "declare_transaction": { "type": "DECLARE", "sender_address": "0x13e3ca9a377084c37dc7eacbd1d9f8c3e3733935bcbad887c32a0e213cd6fe0", "max_fee": "0x28ed6103d0000", "version": "0x3", "signature": ["0x42527ffe9912b338983cbed67e139cfcc26a4d8cf1d1c2a85e4125fdf5f59ed", "0x636147d06fefd02ed37984b752556d4b9aefdac1a50b3df0528ec7c201ad84b"], "nonce": "0x17", "contract_class": { "sierra_program": ["0x1", "0x3", "0x0", "0x361", "0x800000000000007000000000000000000000000000000000", "0x537472756374"] "entry_points_by_type": { "CONSTRUCTOR": [{ "function_idx": 14, "selector": "0x28ffe4ff0f226a9107253e17a904099aa4f63a02a5621de0576e5aa71bc5194" }], "EXTERNAL": [{ "function_idx": 11, "selector": "0x14dfa38c36b389189b8be0b1d3f9434ffcca49bf1a88f3658579d23d16368f" }, { "function_idx": 10, "selector": "0x1fd12fd4580400368d8953eca1bf472ee233e7e06245d1ef8c176ff12bd3c4" }], "L1_HANDLER": [] } } } }, "id": 0 }'

Response

- JSON

{ "jsonrpc": "2.0", "result": { "transaction_hash": "0x121aaba2894a63cce81acabb559eb2c114f4859dc5803e0b91349ec398d2eb0", "class_hash": "0x515dd668a1798214e7ca9ec90c52e267229b8104fb296a90f20b6f70baaef53" }, "id": 0 }

Last updated on May 9, 2024 [Previous JSON-RPC methods](#) [Next starknet_addDeployAccountTransaction](#)