zks_getRawBlockTransactions

Returns data about the transactions in the specified block.

Parameters

- block
- : (integer) [Required
-] Block number.

Response

Object containing the data about the executed transaction:

- L1
- : Object containing information about the corresponding transaction on the L1 network:* canonicalTxHash
    - : The canonical hash of the transaction on the L1 network.

    - deadlineBlock
    - : The deadline block for the transaction on the L1 network.

    - ethBlock
    - : The Ethereum block number for the transaction.

    - ethHash
    - : The Ethereum transaction hash for the transaction.

    - fullFee
    - : The full fee for the transaction in hexadecimal format.

    - gasLimit
    - : The gas limit for the transaction in hexadecimal format.

    - gasPerPubdataLimit
    - : The gas per public data limit for the transaction in hexadecimal format.

    - layer2TipFee
    - : The tip fee for the transaction on the L2 network in hexadecimal format.

    - maxFeePerGas
    - : The maximum fee per gas for the transaction in hexadecimal format.

    - opProcessingType
    - : The type of operation processing used for the transaction.

    - priorityQueueType
    - : The type of priority queue used for the transaction.

    - refundRecipient
    - : The recipient address for any potential refund for the transaction.

    - sender
    - : The sender address of the transaction.

    - serialId
    - : The serial ID of the transaction.

    - toMint
    - : The address to mint tokens for the transaction.
- execute
- : Object that contains information about the transaction execution:* calldata
    - : The calldata for the execution in hexadecimal format.

    - contractAddress
    - : The contract address for the execution.

    - factoryDeps
    - : An array containing factory dependencies for the execution.

    - value
    - : The value for the execution in hexadecimal format.
- received_timestamp_ms
- : The transaction timestamp.

Example

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

Request

- cURL
- WSS

curl https://zksync-mainnet.infura.io/v3/YOUR-API-KEY \ -X POST \ -H "Content-Type: application/json" \ -d '{"jsonrpc": "2.0", "id": 1, "method": "zks_getRawBlockTransactions", "params": [5817]}'
wscat -c wss://zksync-mainnet.infura.io/ws/v3/YOUR-API-KEY -x '{"jsonrpc": "2.0", "id": 1, "method": "zks_getRawBlockTransactions", "params": [5817]}'

Response

- JSON

{ "jsonrpc": "2.0", "result": [{ "common_data": { "L1": { "canonicalTxHash": "0x22de7debaa98758afdaee89f447ff43bab5da3de6acca7528b281cc2f1be2ee9", "deadlineBlock": 0, "ethBlock": 16751339, "ethHash": "0x0000000000000000000000000000000000000000000000000000000000000000", "fullFee": "0x0", "gasLimit": "0x989680", "gasPerPubdataLimit": "0x320", "layer2TipFee": "0x0", "maxFeePerGas": "0x0", "opProcessingType": "Common", "priorityQueueType": "Deque", "refundRecipient": "0x87869cb87c4fa78ca278df358e890ff73b42a39e", "sender": "0x87869cb87c4fa78ca278df358e890ff73b42a39e", "serialId": 67, "toMint": "0x0" } }, "execute": { "calldata": "0x471c46c800000000000000000000000000000000000000000000000000000000000000400000000000000000000000000000000000000000000000000800000000000000000000000000000 "contractAddress": "0xfc5b07a5dd1b80cf271d35642f75cc0500ff1e2c", "factoryDeps": [], "value": "0x0" }, "received_timestamp_ms": 1677887544169 }], "id": 1 }

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