

zks_getBlockDetails

Returns additional ZKsync-specific information about the L2 block.

Parameters

- block
- : (string) [Required
-] The number of the block.

Returns

Object containing the details of the L2 block:

- baseSystemContractsHashes
- : An object containing hashes of the base system contracts used in the transaction.* bootloader
- - : The hash of the bootloader contract.
- - default_aa
- - : The hash of the default account contract.
- commitTxHash
- : The hash of the transaction committed to the network.
- committedAt
- : The timestamp when the transaction was committed to the network.
- executeTxHash
- : The hash of the transaction executed on the network.
- executedAt
- : The timestamp when the transaction was executed on the network.
- l1BatchNumber
- : The batch number of the transaction on the L1 (Ethereum) network.
- l1GasPrice
- : The gas price used for the transaction on the L1 network.
- l1TxCount
- : The number of transactions related to this batch on the L1 network.
- l2FairGasPrice
- : The fair gas price used for the transaction on the L2 (ZKsync) network.
- l2TxCount
- : The total number of transactions on the L2 network.
- number
- : The transaction number.
- operatorAddress
- : The address of the operator who executed the transaction.
- proveTxHash
- : The hash of the proof transaction on the L1 network.
- provenAt
- : The timestamp when the proof transaction was done on the L1 network.
- rootHash
- : The root hash representing the state of the network after the transaction.
- status
- : The status of the transaction.
- timestamp
- : The timestamp of the transaction.

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_getBlockDetails", "params": [ 140599 ]}' wscat -c wss://zksync-mainnet.infura.io/ws/v3/YOUR-
```

API-KEY -x '{"jsonrpc": "2.0", "id": 1, "method": "zks_getBlockDetails", "params": [140599]}'

Response

- JSON

```
{ "jsonrpc": "2.0", "result": { "baseSystemContractsHashes": { "bootloader":  
"0x010007793a328ef16cc7086708f7f3292ff9b5eed9e7e539c184228f461bf4ef", "default_aa":  
"0x0100067d861e2f5717a12c3e869cfb657793b86bbb0caa05cc1421f16c5217bc" }, "commitTxHash":  
"0xd045e3698f018cb233c3817eb53a41a4c5b28784ffe659da246aa33bda34350c", "committedAt": "2023-03-  
26T07:21:21.046817Z", "executeTxHash": "0xbb66aa75f437bb4255cf751badfc6b142e8d4d3a4e531c7b2e737a22870ff19e",  
"executedAt": "2023-03-27T07:44:52.187764Z", "l1BatchNumber": 1617, "l1GasPrice": 20690385511, "l1TxCount": 0,  
"l2FairGasPrice": 250000000, "l2TxCount": 20, "number": 140599, "operatorAddress":  
"0xfeee860e7aae671124e9a4e61139f3a5085dfeee", "proveTxHash":  
"0x1591e9b16ff6eb029cc865614094b2e6dd872c8be40b15cc56164941ed723a1a", "provenAt": "2023-03-  
26T19:48:35.200565Z", "rootHash": "0xf1adac176fc939313eea4b72055db0622a10bbd9b7a83097286e84e471d2e7df",  
"status": "verified", "timestamp": 1679815038 }, "id": 1 }
```

Last updated on Nov 5, 2024 [Previous zks_getAllAccountBalances](#) [Next zks_getBridgeContracts](#)