## Get UserOperation by Hash

eth\_getUserOperationByHash

This endpoint returns a UserOperation based on a hash (userOpHash) returned byeth\_sendUserOperation .

## **Parameters**

Body

Param Type Description Required method string Name of method in this case: eth\_getUserOperationByHash Required params array An array consisting of the userop hash returned byeth\_sendUserOperation Required id string id for request determined by client for JSON RPC requests Required jsonrpc string JSON RPC version in this case 2.0.0 Required

{ "method": "eth\_getUserOperationByHash", "params": [ "0x10b68dfde047c51e2f4a500281a715710c7b1c0517b87ad0b48229042f61ac0e" ], "id": 1693369916, "jsonrpc": "2.0" }

## Response

- If the UserOperation is included in a block:
- Return a full UserOperation, with the addition of entryPoint, blockNumber, blockHash and transactionHash.
- Else if the UserOperation is pending in the bundler's mempool: may return null, or: a full UserOperation, with the addition of the entryPoint field and a null value for blockNumber, blockHash and transactionHash.

"entryPoint": "0x5ff137d4b0fdcd49dca30c7cf57e578a026dd2789", "transactionHash": "0x4a4da7c32ab96281c6c869bf0e5b0ccc5c537ea1c6d887-8ec9de2c4fd5106a6", "blockNumber": 139690898, "blockHash": "0xac7e9293a01d5ce62859691f668d42c3900af4d56a5de0fb13133dd1b498c5f0" } } Previous Get UserOperation Receipt Next Get Chain ID