

## Send UserOperation

eth\_sendUserOperation

This endpoint submits a User Operation object to the User Operation pool of the bundler. The result is set to the userOpHash if and only if the request passed simulation and was accepted in the client's User Operation pool. If the validation, simulation, or User Operation pool inclusion fails, the failure reason will be returned.

## Parameters

## Body

Param Type Description Required method string Name of method in this case: `eth_sendUserOperation` Required params array An array consisting of the Useroperation object, Entry point address, and simulation type. Required info string id for request determined by client for JSON RPC requests Required jsonrpc string JSON RPC version in this case 2.0.0 Required info The params array in this request takes an additional argument for "simulation\_type". This determines how and when the UserOperation is simulated. Your options are:

1. Setsimulation\_type : "validation"
2. or do not pass this param, if you want only userOp validation checks to be performed on bundler
3. Setsimulation\_type : "validation\_and\_execution"
4. if you want both userOp validation & execution to be checked on the bundler. Please note, this would mean added latency for this request.

## Request

[illegible]

```
"maxFeePerGas": "500000000000", "maxPriorityFeePerGas": "200000000000", "verificationGasLimit": "100000", "callGasLimit": "200000", "preVerificationGas": "60000",
```

## Response

Responses are exactly as per ERC4337 spec