

eth_submitWork

Used for submitting a proof-of-work solution.

Parameters

Awork array array with the following properties:

- 8 bytes: The nonce found (64 bits)
- 32 bytes: The header's pow-hash (256 bits)
- 32 bytes: The mix digest (256 bits)

Returns

is valid flag : (boolean): Returntrue if the provided solution is valid, otherwisefalse .

Example

ReplaceYOUR-API-KEY with an API key from your[infura dashboard](#) .

Request

- cURL
- WSS

```
curl https://optimism-mainnet.infura.io/v3/YOUR-API-KEY \-X POST \-H "Content-Type: application/json" \-d '{"jsonrpc":"2.0","method":"eth_submitWork","params":["0x0000000000000001","0x1234567890abcdef1234567890abcdef1234567890abcdef1234567890abcdef","0xD1FE5700000000000000000000000000D1FE570000000000000000000000000000"],"id":1}'
wscat -c wss://optimism-mainnet.infura.io/ws/v3/YOUR-API-KEY -x '{"jsonrpc":"2.0","method":"eth_submitWork","params":["0x0000000000000001","0x1234567890abcdef1234567890abcdef1234567890abcdef","0xD1FE5700000000000000000000000000D1FE570000000000000000000000000000"],"id":1}'
```

Response

- JSON

```
{ "jsonrpc": "2.0", "id": 1, "result": false }
```

Last updatedonApr 19, 2024 [Previous eth_sign](#) [Next eth_syncing](#)