

eth_newBlockFilter

Creates a filter in the node, to notify when a new block arrives. To check if the state has changed, call [eth_getFilterChanges](#) .

Valid for fifteen minutes Filter IDs will be valid for up to fifteen minutes, and can be polled by any connection using the same YOUR-API-KEY .

Parameters

None.

Returns

filter ID : A hexadecimal denoting the newly created filter ID.

Example

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

Request

- cURL
- WSS

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

Response

- JSON

```
{ "jsonrpc": "2.0", "id": 1, "result": "0x8144114ddff0b3be57ad6a848ee4fe4a44cdda667055" }
```

Last updated on Apr 19, 2024 [Previous eth_getFilterLogs](#) [Next eth_newFilter](#)