

Hi,

We had a scheduled bor pruning on the Validator Sunday morning and we normally use as bor_rpc_url

the polygon-rpc.com

rpc but it had intermittent

errors and missed CPs.

```
curl https://polygon-rpc.com/ -X POST --data '{"jsonrpc":"2.0","method":"eth_getBlockByNumber","params":["finalized",false],"id":1}' -H "Content-Type: application/json"
```

```
{"jsonrpc":"2.0","id":1,"error":{"code":-39001,"message":"Unknown block"}}
```

We then tried paid 3rd party APIs like infura, ankr, etc and we were getting

```
{"jsonrpc":"2.0","error":{"code":-32002,"message":"rejected due to project ID settings"}}
```

We eventually just used a sentry's bor rpc url

throughout the rest of the pruning which worked smoothly without missing any CPs.

Polygon team is aware of this behavior with 3rd party RPCs and will investigate.

In addition, during the several heimdall restarts from changing bor_rpc_url a few times, the heimdall eventually got stuck and would not catch up.

```
curl localhost:26657/status
```

```
catching_up
```

was always true and it would not update - even after restarting heimdall.

The way we fixed this was by restarting all our sentry heimdalls at the same time

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TLDR

: during validator pruning it is recommended to use an internal sentry's bor rpc url

Thanks