*API Throttling for Horizon REST APIs.*

Starting from Horizon 2406 Release, we are introducing API Throttling to the Horizon REST APIs, enabled by default.

APIs have preconfigured throttling limits to protect the overall health of Horizon connection server system, it limits the number of requests in a time span to an API to prevent overuse of resources.

Throttling limit may vary for individual REST APIs and is shared between all the clients for a REST API.

*How can you tell when you've reached the API throttling limit for an API?*

If you exceed a limit for an API, you'll receive a *429: Too many requests* HTTP status code response.

*Error code response*

|  |
| --- |
| { |
|  "status": "TOO\_MANY\_REQUESTS", |
|  "timestamp": xxxxxx, |
|  "errors": [ |
|  { |
|  "error\_key": "common.api-throttle-limit.exceeded.error", |
|  "error\_message": "API throttling limit have been exceeded. Retry after some time." |
|  } |
|  ] |
| } |

*How to resolve this error?*

1. Wait the number of seconds specified in the X-Rate-Limit-Retry-After-Seconds response header.
2. Retry the request.
3. If the request fails again with a 429-error code, you're still being throttled. Use the new X-Rate-Limit-Retry-After-Seconds value for delay and retry the request until it succeeds.

*Request a change in API throttling limits.*

To configure new throttling limits for a REST API, kindly contact customer support.