Performance test report - May 12, 2024 (#6)

Open in Postman

Postman collection: Rest APIs

Report exported on: May 12, 2024, 22:03:52 (GMT+1)

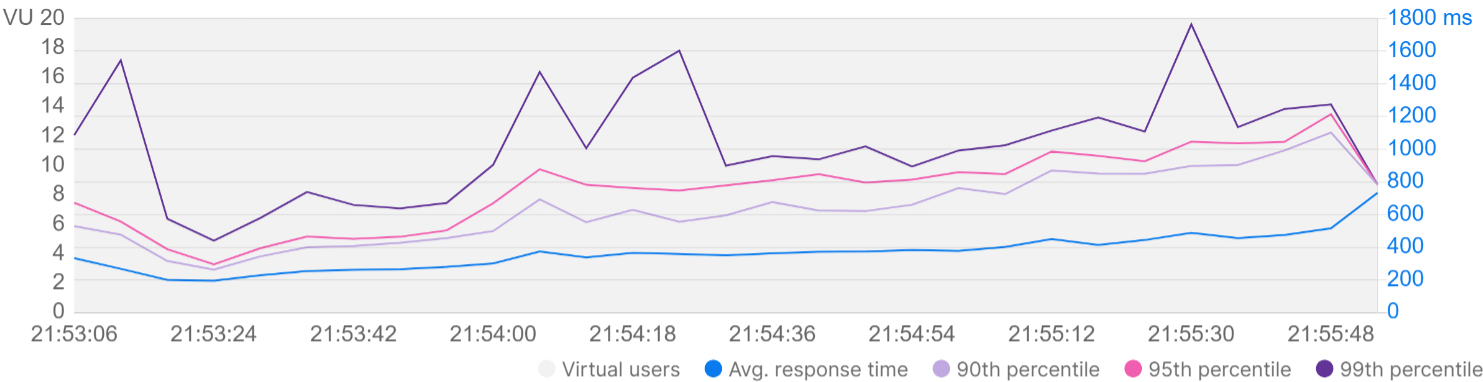## Test setup

Virtual users	Start time	Load profile
20 VU	May 12, 21:52:45 (GMT+1)	Fixed
Duration	End time	Environment
3 minutes	May 12, 21:55:54 (GMT+1)	-

1. Summary

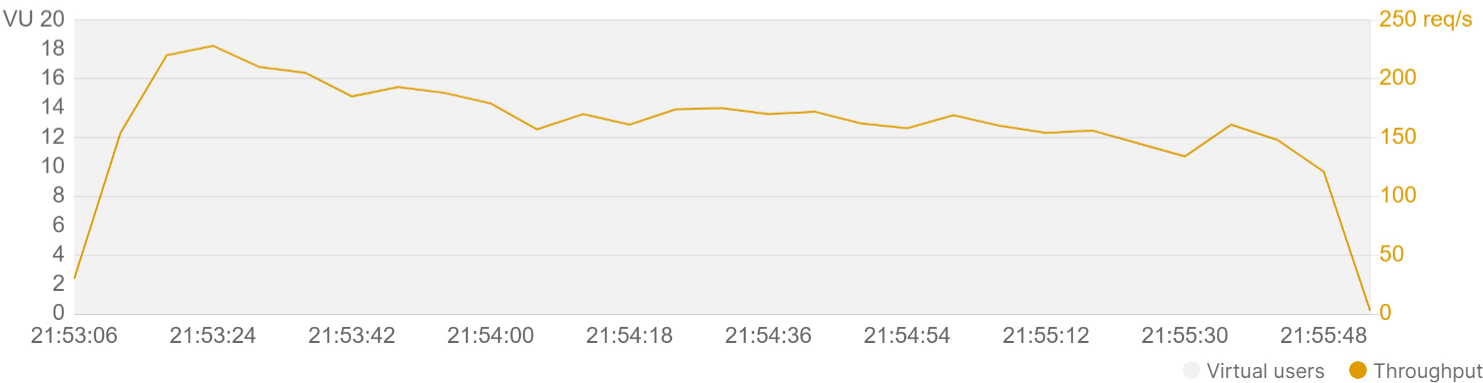| Total requests sent	Throughput	Average response time	Error rate
4,642	24.65 requests/second	343 ms	4.55 %

1.1 Response time

Response time trends during the test duration.

1.2 Throughput

Rate of requests sent per second during the test duration.

1.3 Requests with slowest response times

Top 5 slowest requests based on their average response times.

Request	Resp. time (Avg ms)	90th (ms)	95th (ms)	99th (ms)	Min (ms)	Max (ms)
GET KubeAPI https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	520	883	992	1,280	104	1,793
GET NomadAPI https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	508	808	916	1,207	106	1,764
POST NomadAPI2 https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	172	230	398	504	107	1,909
POST KubeAPI2 https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	172	222	416	545	104	1,544

1.4 Requests with most errors

Top 5 requests with the most errors, along with the most frequently occurring errors for each request.

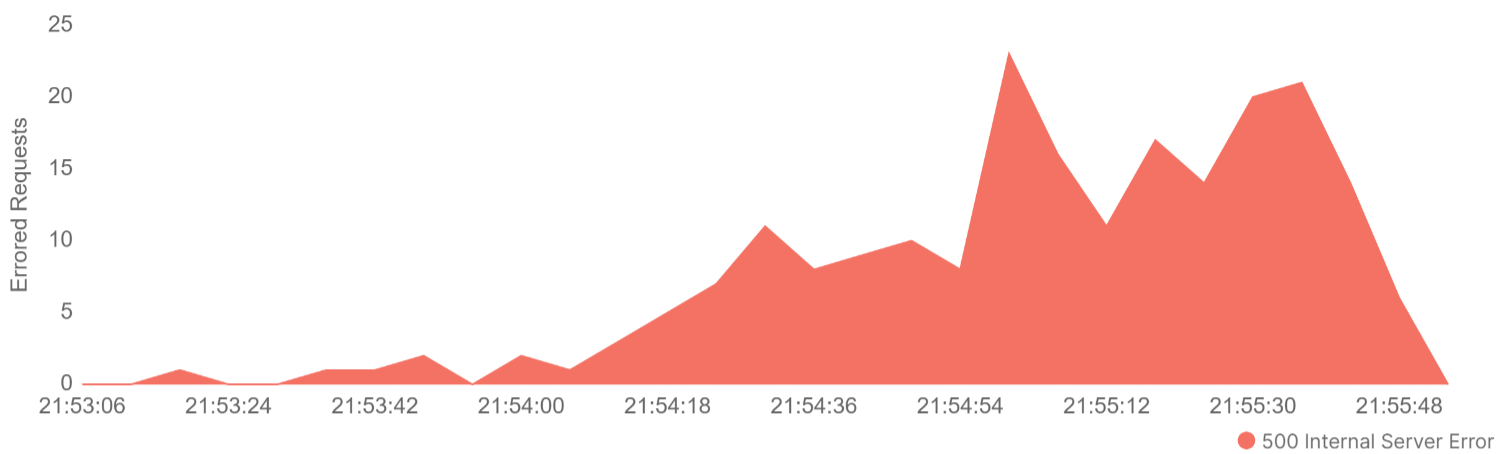| Request	Total error count	Error 1	Error 2	Other errors
GET KubeAPI https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	57	500 Internal Server Error (57)	-	0
POST KubeAPI2 https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	56	500 Internal Server Error (56)	-	0
POST NomadAPI2 https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	52	500 Internal Server Error (52)	-	0
GET NomadAPI https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	46	500 Internal Server Error (46)	-	0

2. Metrics for each request

The requests are shown in the order they were sent by virtual users.

Request	Total requests	Requests/s	Min (ms)	Avg (ms)	90th (ms)	Max (ms)	Error %
GET NomadAPI https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	1,164	6.18	106	508	808	1,764	3.95
POST NomadAPI2 https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	1,163	6.18	107	172	230	1,909	4.47
GET KubeAPI https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	1,158	6.15	104	520	883	1,793	4.92
POST KubeAPI2 https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	1,157	6.14	104	172	222	1,544	4.84

3. Errors

3.1 Error distribution over time

Top 5 error classes observed during the test duration.

● 500 Internal Server Error

3.2 Error distribution for requests

Errored requests grouped by error class, along with the error count for each class.

Error class	Total counts
500 Internal Server Error	211
`GET` NomadAPI	46
`POST` NomadAPI2	52
`GET` KubeAPI	57
`POST` KubeAPI2	56

Testing API performance on Postman

Postman enables you to simulate user traffic and observe how your API behaves under load. It also helps you identify any issues or bottlenecks that affect performance.

Learn more about testing API performance.