Performance test report – May 12, 2024 (#8)

Open in Postman

Postman collection: Rest APIs

Report exported on: May 12, 2024, 22:46:51 (GMT+1)

## Test setup

Virtual users 20 VU	**Start time** May 12, 22:40:17 (GMT+1)	**Load profile** Spike
Duration 3 minutes	**End time** May 12, 22:43:27 (GMT+1)	**Environment** -

1. Summary

Total requests sent	Throughput	Average response time	Error rate
3,273	17.27 requests/second	312 ms	0.37 %

1.1 Response time

Response time trends during the test duration.

Virtual users ● Avg. response time ● 90th percentile ● 95th percentile ● 99th percentile
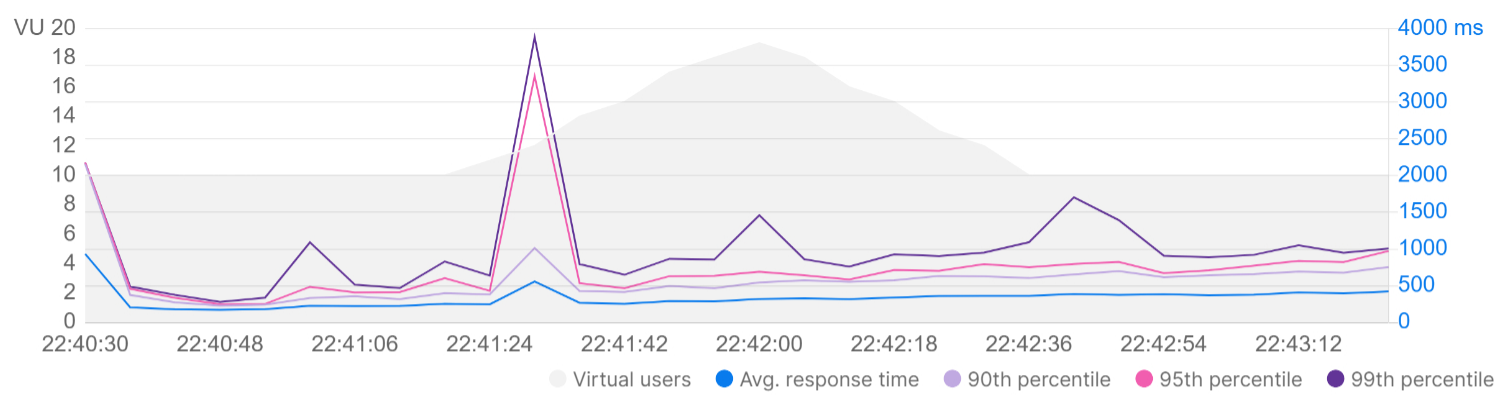
1.2 Throughput

Rate of requests sent per second during the test duration.

Virtual users ● Throughput

POSTMAN
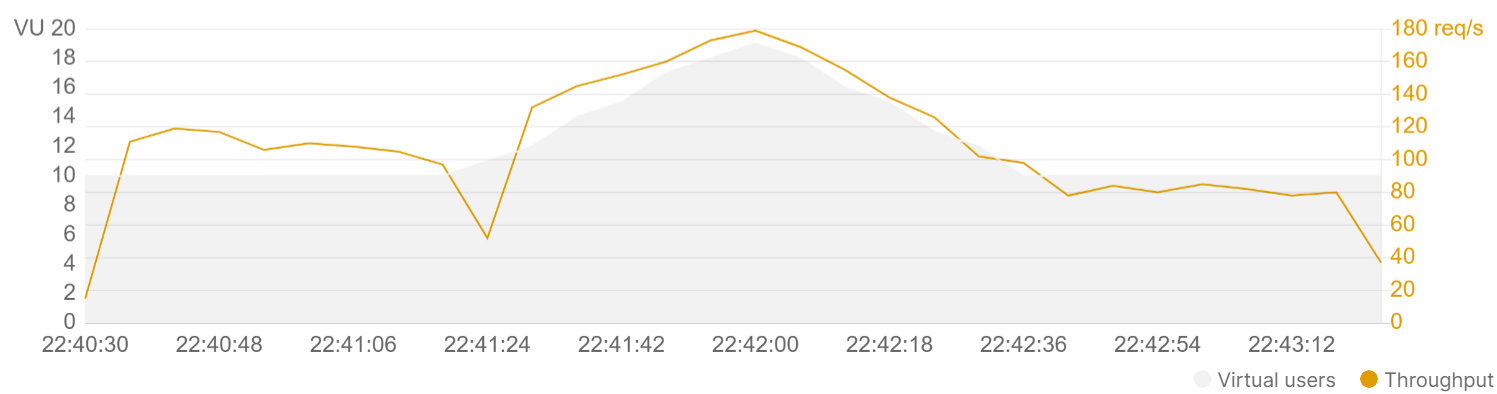
1.3 Requests with slowest response times

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 NomadAPI https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	480	694	853	2,444	106	3,913
GET KubeAPI https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	443	651	756	964	107	3,817
POST NomadAPI2 https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	164	217	383	469	107	1,312
POST KubeAPI2 https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	158	192	340	455	114	1,091

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 NomadAPI https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	4	500 Internal Server Error (4)	-	0
POST NomadAPI2 https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	4	500 Internal Server Error (4)	-	0
GET KubeAPI https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	4	500 Internal Server Error (4)	-	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	824	4.35	106	480	694	3,913	0.49
POST NomadAPI2 https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	823	4.34	107	164	217	1,312	0.49
GET KubeAPI https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	815	4.30	107	443	651	3,817	0.49
POST KubeAPI2 https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	811	4.28	114	158	192	1,091	0

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	12
GET NomadAPI	4
POST NomadAPI2	4
GET KubeAPI	4

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.