

Performance test report - May 12, 2024 (#9)

Open in Postman

Postman collection: Rest APIs
Report exported on: May 12, 2024, 23:03:34 (GMT+1)

Test setup

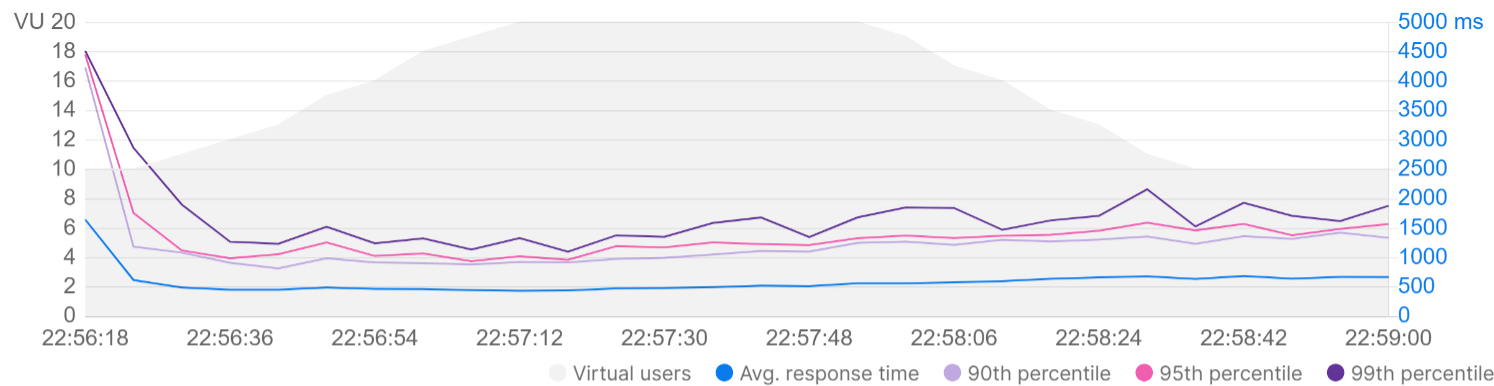
Virtual users	Start time	Load profile
20 VU	May 12, 22:55:55 (GMT+1)	Peak
Duration	End time	Environment
3 minutes	May 12, 22:59:05 (GMT+1)	-

1. Summary

Total requests sent	Throughput	Average response time	Error rate
2,956	15.54 requests/second	548 ms	7.00 %

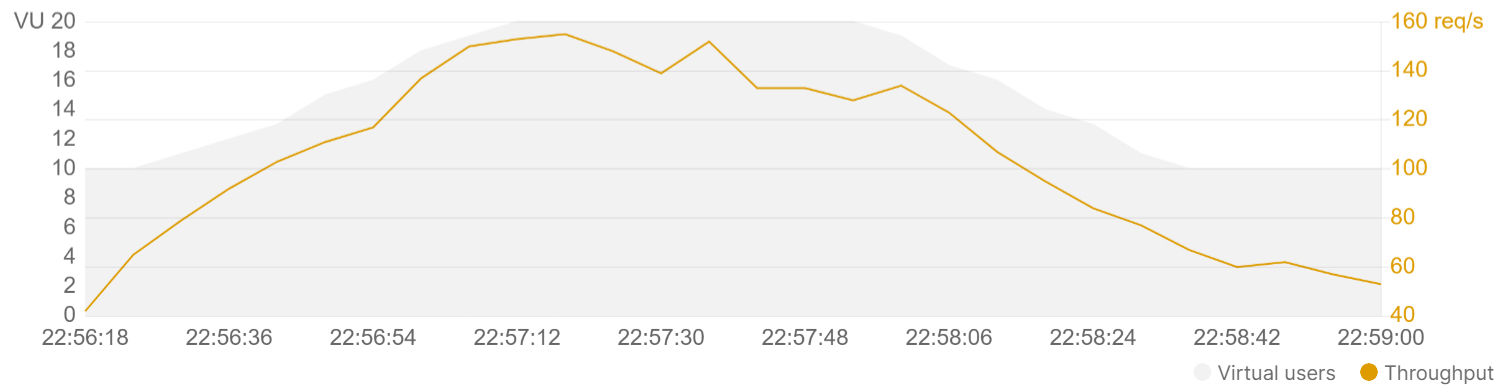
1.1 Response time

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 NomadAPI https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	947	1,341	1,528	4,099	106	4,517
GET KubeAPI https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	871	1,277	1,406	1,811	105	3,307
POST NomadAPI2 https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	192	369	441	806	105	1,301
POST KubeAPI2 https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	179	306	438	493	106	1,331

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
POST KubeAPI2 https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	59	500 Internal Server Error (59)	-	0
GET NomadAPI https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	55	502 Bad Gateway (5)	500 Internal Server Error (50)	0
GET KubeAPI https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	50	502 Bad Gateway (1)	500 Internal Server Error (49)	0
POST NomadAPI2 https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	43	500 Internal Server Error (43)	-	0

2. Metrics for each request

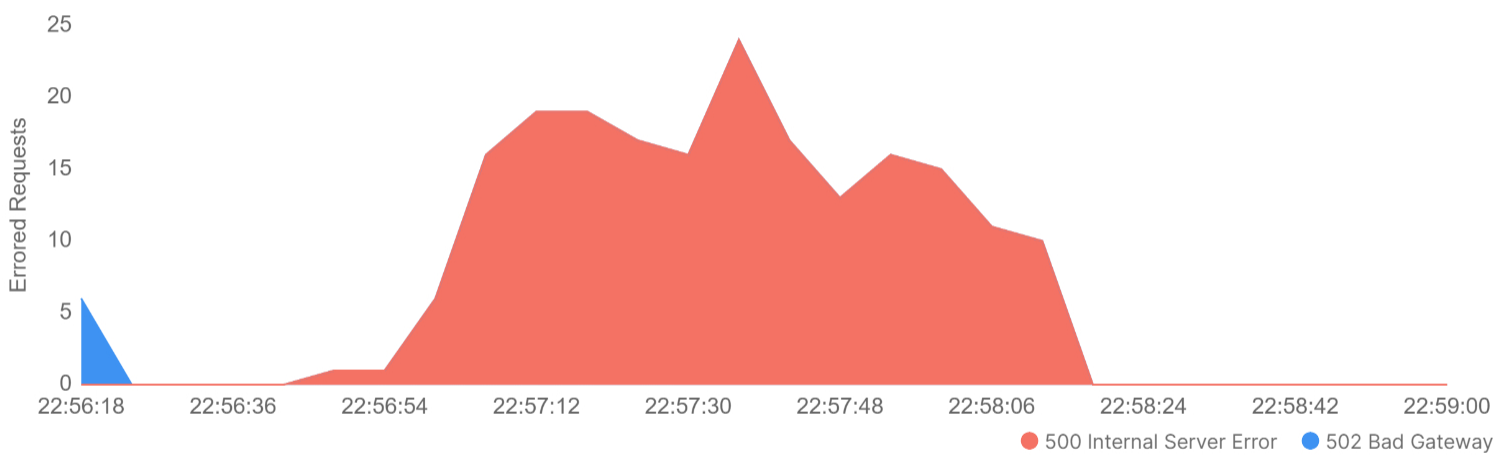
The requests are shown in the order they were sent by virtual users.

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	747	3.93	106	947	1,341	4,517	7.36
POST NomadAPI2 https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	739	3.89	105	192	369	1,301	5.82
GET KubeAPI https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	735	3.86	105	871	1,277	3,307	6.8
POST KubeAPI2 https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	735	3.86	106	179	306	1,331	8.03

3. Errors

3.1 Error distribution over time

Top 5 error classes observed during the test duration.



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	201
GET NomadAPI	50
POST NomadAPI2	43
GET KubeAPI	49
POST KubeAPI2	59
502 Bad Gateway	6
GET NomadAPI	5
GET KubeAPI	1



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](#).