

Postman collection: Rest APIs

Report exported on: May 12, 2024, 22:33:15 (GMT+1)

Test setup

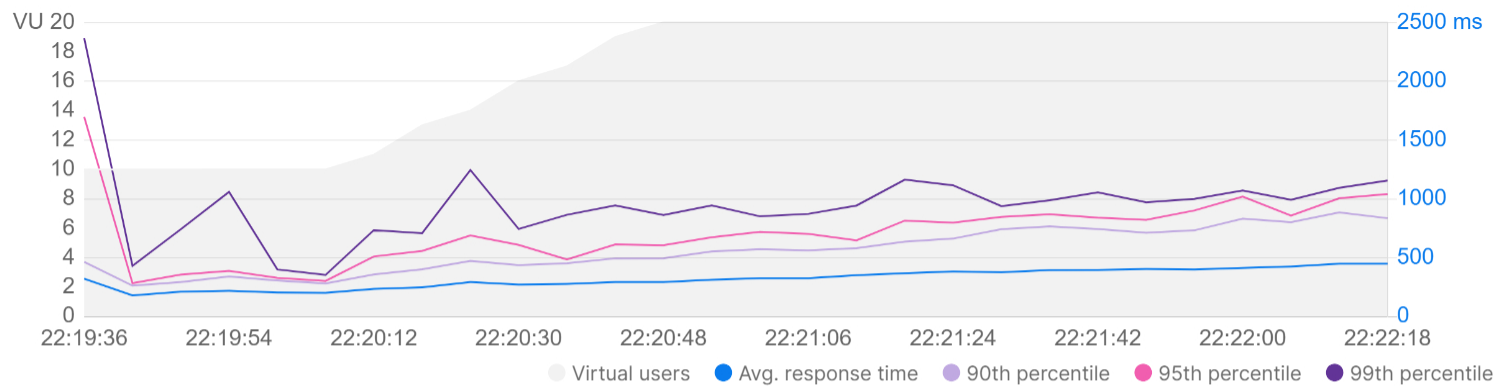
Virtual users	Start time	Load profile
20 VU	May 12, 22:19:14 (GMT+1)	Ramp up (40 seconds)
Duration	End time	Environment
3 minutes	May 12, 22:22:22 (GMT+1)	-

1. Summary

Total requests sent	Throughput	Average response time	Error rate
4,186	22.17 requests/second	329 ms	3.56 %

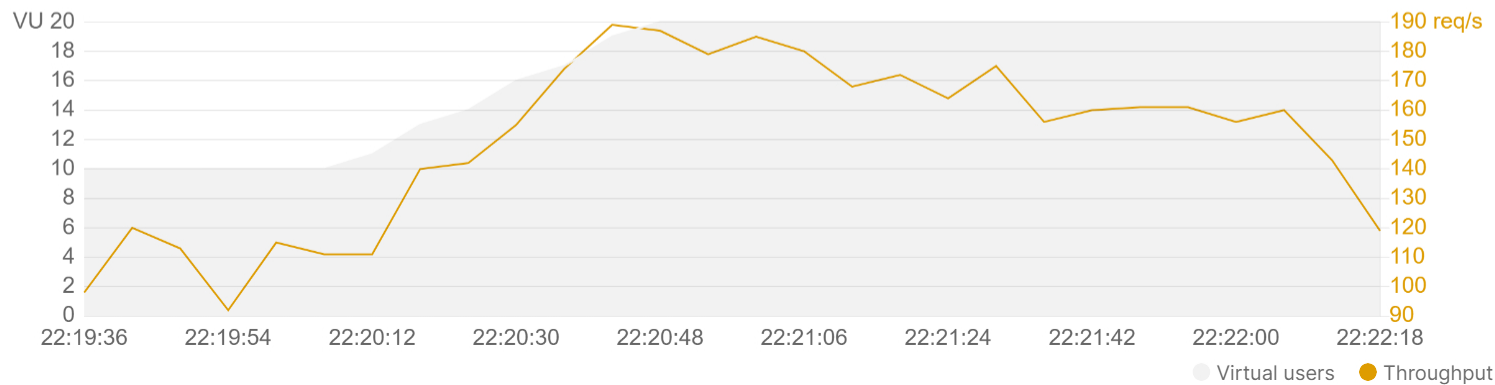
1.1 Response time

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	495	771	885	1,105	102	2,366
GET KubeAPI https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	491	769	870	1,041	104	2,503
POST NomadAPI2 https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	167	227	400	470	104	1,697
POST KubeAPI2 https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	164	204	375	475	104	1,352

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	41	500 Internal Server Error (41)	-	0
GET NomadAPI https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	39	500 Internal Server Error (39)	-	0
POST KubeAPI2 https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	35	500 Internal Server Error (35)	-	0
POST NomadAPI2 https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	34	500 Internal Server Error (34)	-	0

2. Metrics for each request

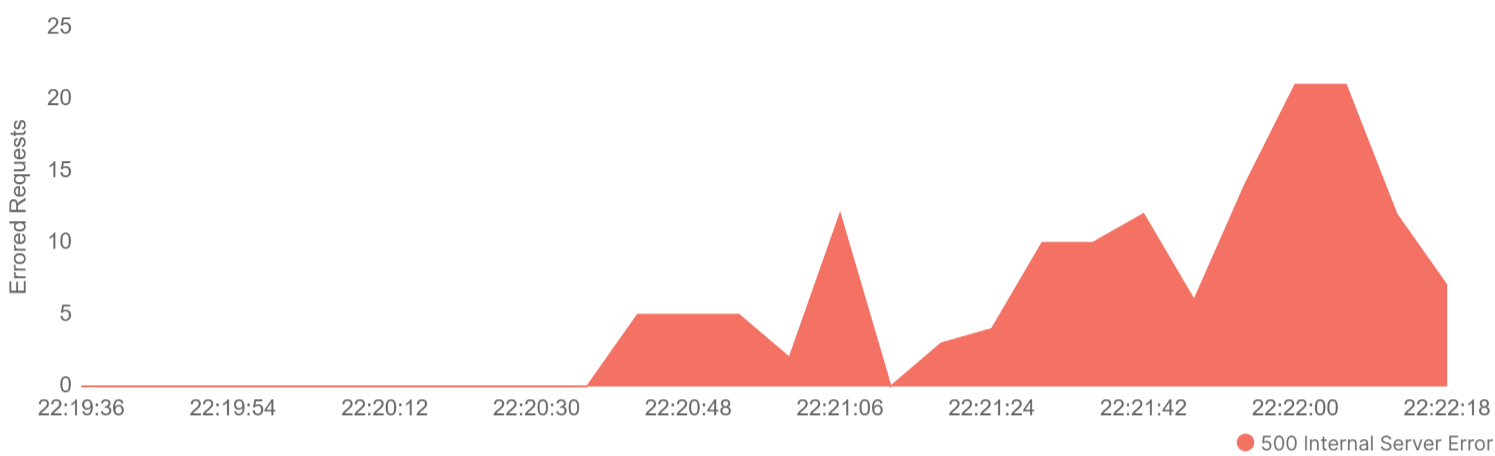
The requests are shown in the order they were sent by virtual users.

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	1,050	5.56	102	495	771	2,366	3.71
POST NomadAPI2 https://pot9cwz9z7.execute-api.us-east-1.amazonaws.com/prod/NomadProduct	1,049	5.56	104	167	227	1,697	3.24
GET KubeAPI https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	1,044	5.53	104	491	769	2,503	3.93
POST KubeAPI2 https://d59o0kkdo2.execute-api.us-east-1.amazonaws.com/prod/KuberneteProduct	1,043	5.52	104	164	204	1,352	3.36

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	149
GET NomadAPI	39
POST NomadAPI2	34
GET KubeAPI	41
POST KubeAPI2	35



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](#).