

# Performance Test Report - Feb 8, 2025 (#12)

Open in Postman

Postman collection: Otus\_hw4\_anton\_kuber  
Report exported on: Feb 10, 2025, 10:47:51 (GMT+3)

## Test setup

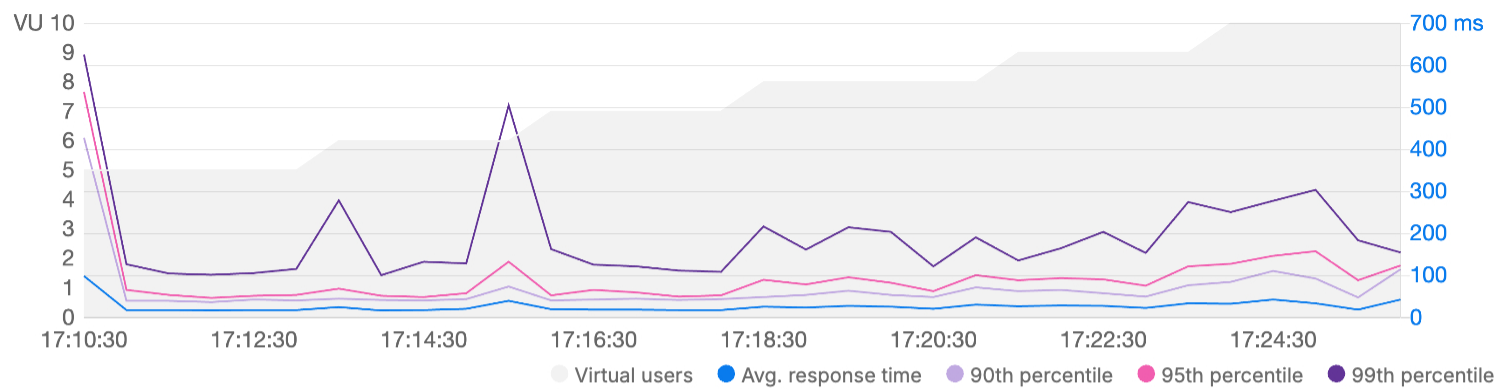
Virtual users	Start time	Load profile
10 VU	Feb 8, 17:10:54 (GMT+3)	Ramp up (13 minutes )
Duration	End time	Environment
15 minutes	Feb 8, 17:26:01 (GMT+3)	-

## 1. Summary

Total requests sent	Throughput	Average response time	Error rate
34,494	38.03 requests/second	25 ms	7.55 %

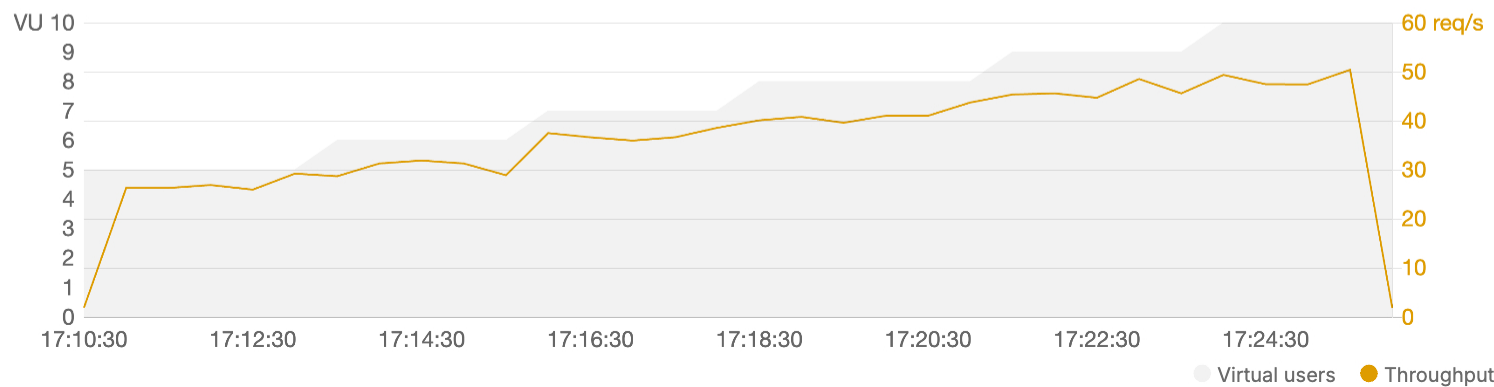
### 1.1 Response time

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)
<b>GET</b> GetUsers http://arch.homework/users	56	104	141	298	2	1,626
<b>POST</b> CreateUser http://arch.homework/users	23	46	79	202	2	1,381
<b>PATCH</b> PatchUser http://arch.homework/users/e4f9a782-408c-47df-b275-37639ed4bcd8	22	52	80	172	2	592
<b>PUT</b> UpdateUser http://arch.homework/users/e4f9a782-408c-47df-b275-37639ed4bcd8	19	44	69	159	2	501
<b>GET</b> GetUserById http://arch.homework/users/e4f9a782-408c-47df-b275-37639ed4bcd8	17	44	67	158	2	505

## 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
<b>GET</b> GetUsers http://arch.homework/users	879	500 Internal Server Error (536)	502 Bad Gateway (78)	1
<b>PATCH</b> PatchUser http://arch.homework/users/e4f9a782-408c-47df-b275-37639ed4bcd8	347	502 Bad Gateway (81)	503 Service Temporarily Unavailable (266)	0
<b>PUT</b> UpdateUser http://arch.homework/users/e4f9a782-408c-47df-b275-37639ed4bcd8	347	502 Bad Gateway (80)	503 Service Temporarily Unavailable (267)	0
<b>GET</b> GetUserById http://arch.homework/users/e4f9a782-408c-47df-b275-37639ed4bcd8	346	502 Bad Gateway (81)	503 Service Temporarily Unavailable (265)	0
<b>POST</b> CreateUser http://arch.homework/users	345	502 Bad Gateway (82)	503 Service Temporarily Unavailable (263)	0

## 2. Metrics for each request

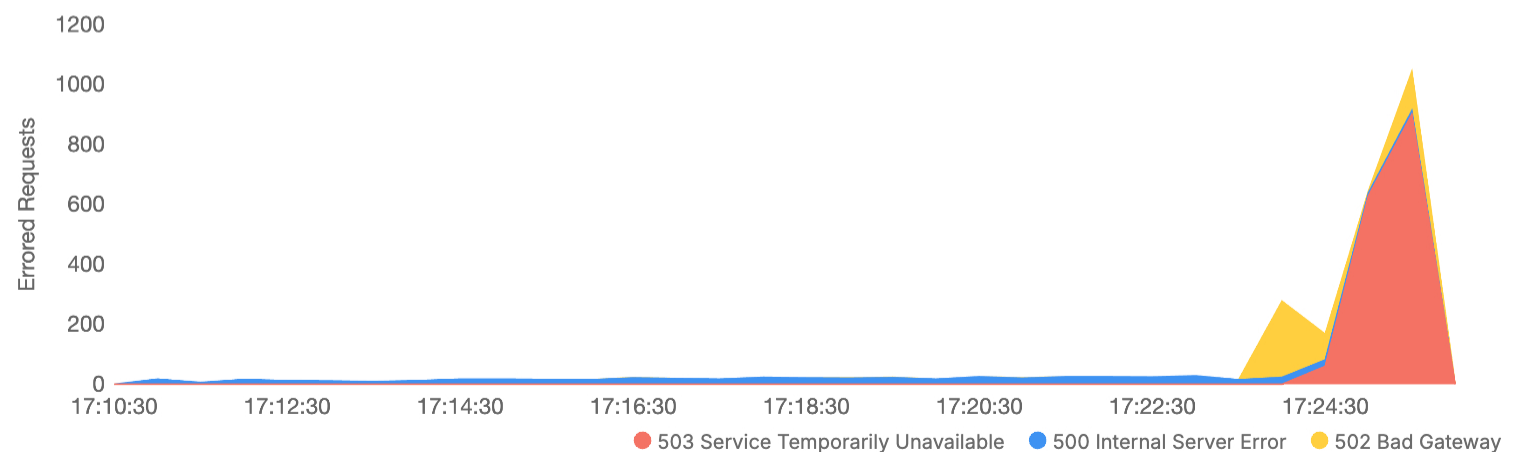
The requests are shown in the order they were sent by virtual users.

Request	Total requests	Requests/s	Min (ms)	Avg (ms)	90th (ms)	Max (ms)	Error %
<b>GET</b> CheckHealth http://arch.homework/health/	5,749	6.34	2	14	28	505	5.95
<b>POST</b> CreateUser http://arch.homework/users	5,749	6.34	2	23	46	1,381	6
<b>GET</b> GetUsers http://arch.homework/users	5,749	6.34	2	56	104	1,626	15.29
<b>GET</b> GetUserById http://arch.homework/users/e4f9a782-408c-47df-b275-37639ed4bcd8	5,749	6.34	2	17	44	505	6.02
<b>PATCH</b> PatchUser http://arch.homework/users/e4f9a782-408c-47df-b275-37639ed4bcd8	5,749	6.34	2	22	52	592	6.04
<b>PUT</b> UpdateUser http://arch.homework/users/e4f9a782-408c-47df-b275-37639ed4bcd8	5,749	6.34	2	19	44	501	6.04

## 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
503 Service Temporarily Unavailable	1589
<span>GET</span> CheckHealth	263
<span>POST</span> CreateUser	263
<span>GET</span> GetUsers	265
<span>GET</span> GetUserById	265
<span>PATCH</span> PatchUser	266
<span>PUT</span> UpdateUser	267
500 Internal Server Error	536
<span>GET</span> GetUsers	536
502 Bad Gateway	481
<span>GET</span> CheckHealth	79
<span>POST</span> CreateUser	82
<span>GET</span> GetUsers	78
<span>GET</span> GetUserById	81
<span>PATCH</span> PatchUser	81
<span>PUT</span> UpdateUser	80



### 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](#).