

# Performance test report - May 25, 2024 (#10)

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Report exported on: May 25, 2024, 12:41:41 (PDT)

## Test setup

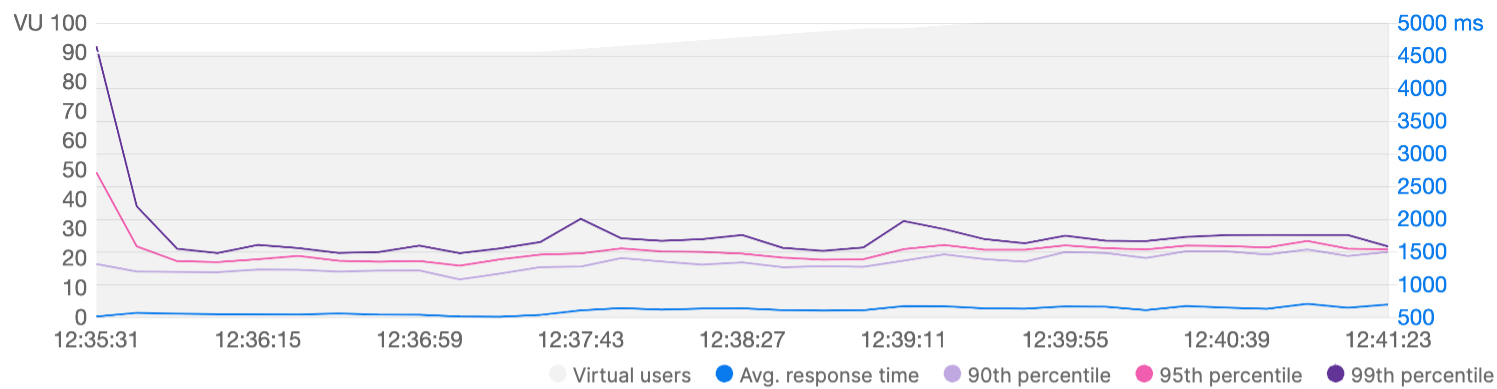
Virtual users	Start time	Load profile
100 VU	May 25, 12:35:28 (PDT)	Peak
Duration	End time	Environment
10 minutes (Terminated at 6 minutes 1 second)	May 25, 12:41:30 (PDT)	dev

## 1. Summary

Total requests sent	Throughput	Average response time	Error rate
46,362	128.23 requests/second	607 ms	0.98 %

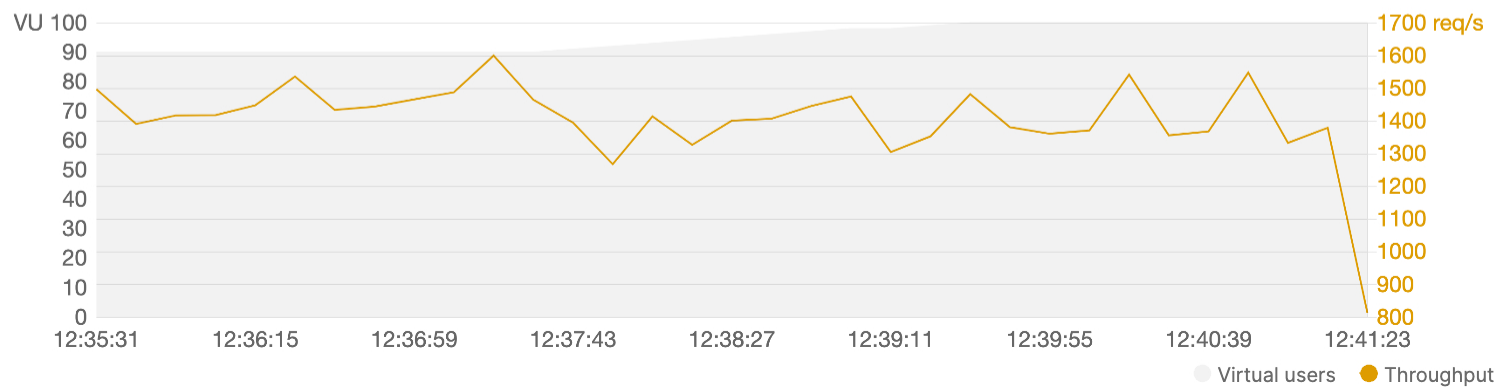
### 1.1 Response time

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> :queueId/questions {{host}}/queues/7/questions	1,316	1,662	1,768	2,936	115	5,010
<b>PATCH</b> _ {{host}}/profile	1,147	1,585	1,665	1,780	28	2,199
<b>GET</b> :queueId {{host}}/queues/7	867	1,372	1,448	1,579	11	1,751
<b>GET</b> _ {{host}}/profile	698	1,083	1,186	1,338	16	1,668
<b>POST</b> :c {{host}}/questionType/15	535	859	998	1,687	17	2,912

### 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>POST</b> :c {{host}}/questionType/15	453	400 Bad Request (453)	-	0
<b>GET</b> _ {{host}}/profile	1	ECONNRESET (1)	-	0

## 2. Metrics for each request

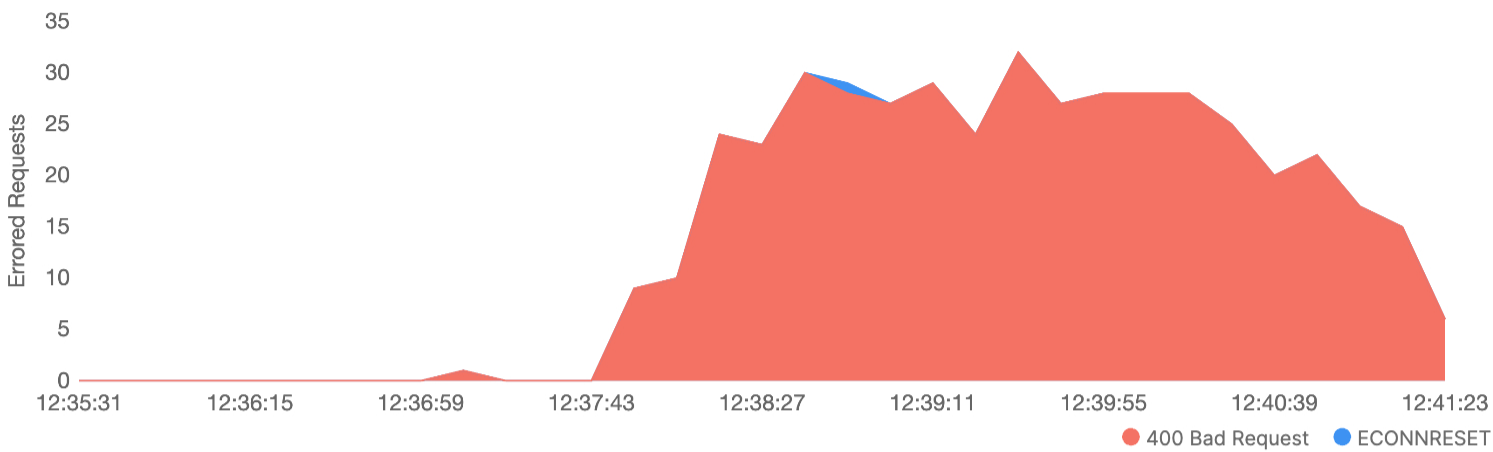
The requests are shown in the order they were sent by virtual users.

Request	Total requests	Requests/s	Min (ms)	Avg (ms)	90th (ms)	Max (ms)	Error %
<b>GET</b> _ {{host}}/profile	5,191	14.36	16	698	1,083	1,668	0.02
<b>GET</b> :c/id {{host}}/profile/15/id	5,172	14.30	7	258	509	1,393	0
<b>GET</b> :id/inQueue {{host}}/profile/8/inQueue	5,168	14.29	7	290	574	1,391	0
<b>PATCH</b> _ {{host}}/profile	5,164	14.28	28	1,147	1,585	2,199	0
<b>GET</b> get_picture/:photoUrl {{host}}/profile/get_picture/10-62p4e905unusrmlppf1il	5,155	14.26	3	171	349	879	0
<b>GET</b> _ {{host}}/semesters	5,143	14.22	3	183	365	804	0
<b>GET</b> :queueId {{host}}/queues/7	5,140	14.22	11	867	1,372	1,751	0
<b>GET</b> :queueId/questions {{host}}/queues/7/questions	5,115	14.15	115	1,316	1,662	5,010	0
<b>POST</b> :c {{host}}/questionType/15	5,114	14.14	17	535	859	2,912	8.86

### 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
400 Bad Request	453
POST :c	453
ECONNRESET	1
GET _	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](#).