

Postman collection: Take Home Assignment

Report exported on: Jan 24, 2024, 23:38:57 (GMT+3)

Test setup

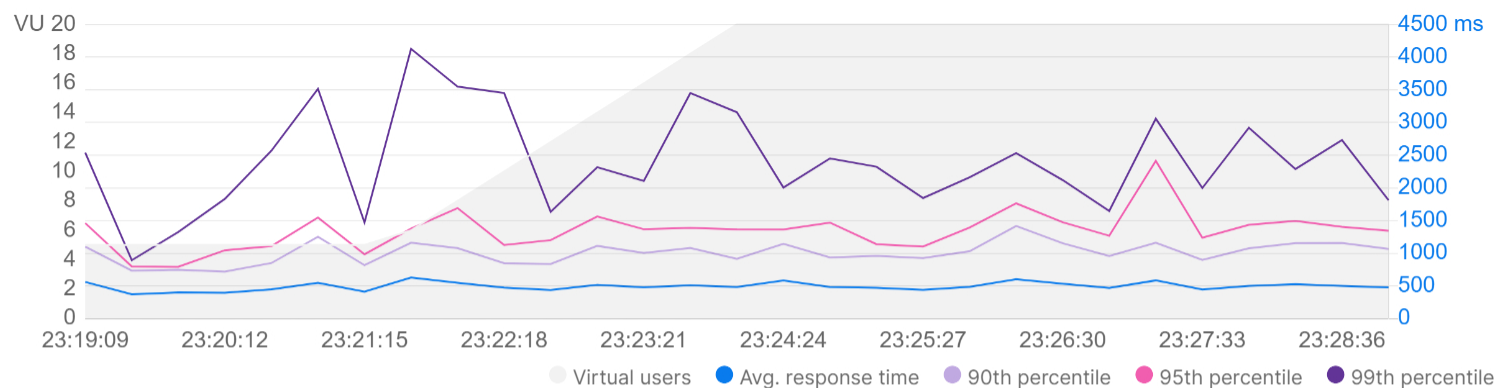
Virtual users	Start time	Load profile
20 VU	Jan 24, 23:18:40 (GMT+3)	Ramp up (2 minutes 30 seconds)
Duration	End time	Environment
10 minutes	Jan 24, 23:29:16 (GMT+3)	-

1. Summary

Total requests sent	Throughput	Average response time	Error rate
6,037	9.50 requests/second	495 ms	27.25 %

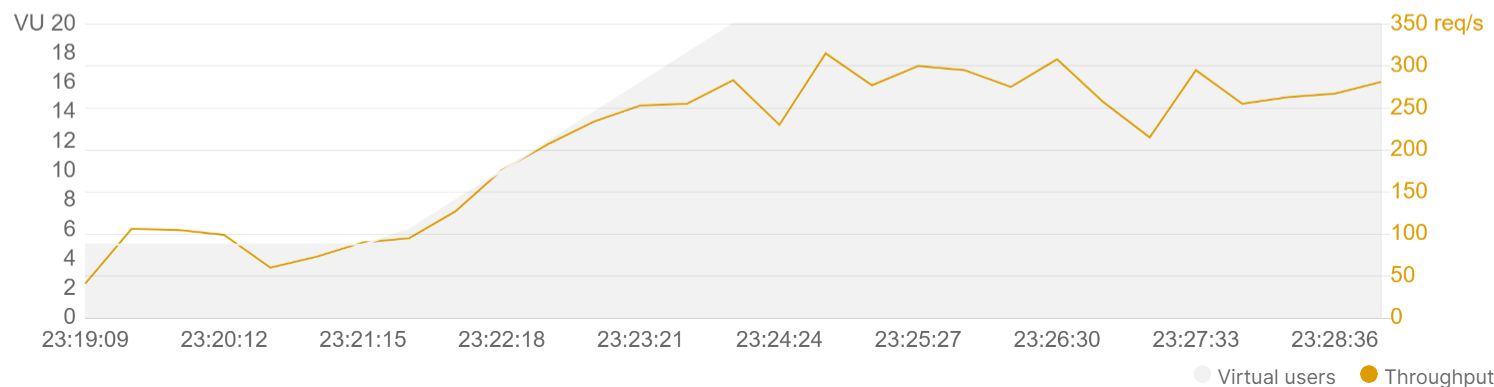
1.1 Response time

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>POST</b> Create Employer https://dummy.restapiexample.com/api/v1/create	971	1,488	1,875	3,151	370	9,114
<b>GET</b> Get Employees http://dummy.restapiexample.com/api/v1/employees	272	416	773	1,581	141	5,371
<b>GET</b> Get Employee By ID http://dummy.restapiexample.com/api/v1/employee/1	244	370	691	1,306	140	3,157

### 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> Create Employer https://dummy.restapiexample.com/api/v1/create	1,635	429 Too Many Requests (1635)	-	0
<b>GET</b> Get Employees http://dummy.restapiexample.com/api/v1/employees	6	429 Too Many Requests (6)	-	0
<b>GET</b> Get Employee By ID http://dummy.restapiexample.com/api/v1/employee/1	4	429 Too Many Requests (4)	-	0

## 2. Metrics for each request

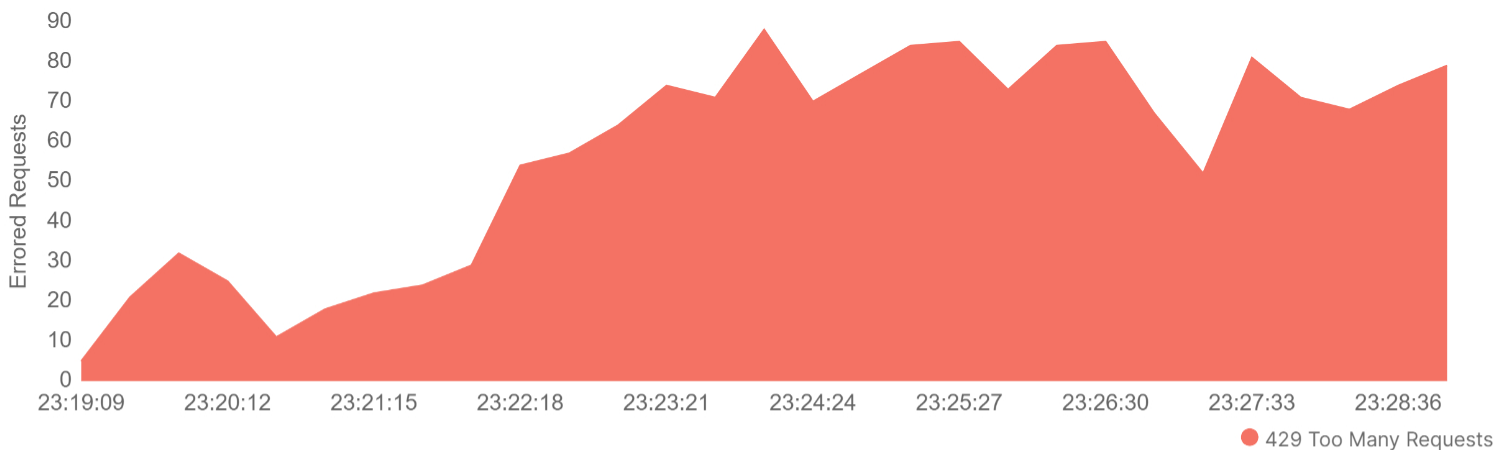
The requests are shown in the order they were sent by virtual users.

Request	Total requests	Requests/s	Min (ms)	Avg (ms)	90th (ms)	Max (ms)	Error %
<b>POST</b> Create Employer https://dummy.restapiexample.com/api/v1/create	2,013	3.17	370	971	1,488	9,114	81.22
<b>GET</b> Get Employees http://dummy.restapiexample.com/api/v1/employees	2,013	3.17	141	272	416	5,371	0.3
<b>GET</b> Get Employee By ID http://dummy.restapiexample.com/api/v1/employee/1	2,011	3.16	140	244	370	3,157	0.2

## 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
429 Too Many Requests	1645
<b>POST</b> Create Employer	1,635
<b>GET</b> Get Employees	6
<b>GET</b> Get Employee By ID	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](#).