

Performance test report - Dec 14, 2023 (#1)

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Postman collection: barbershop-api Copy
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Test setup

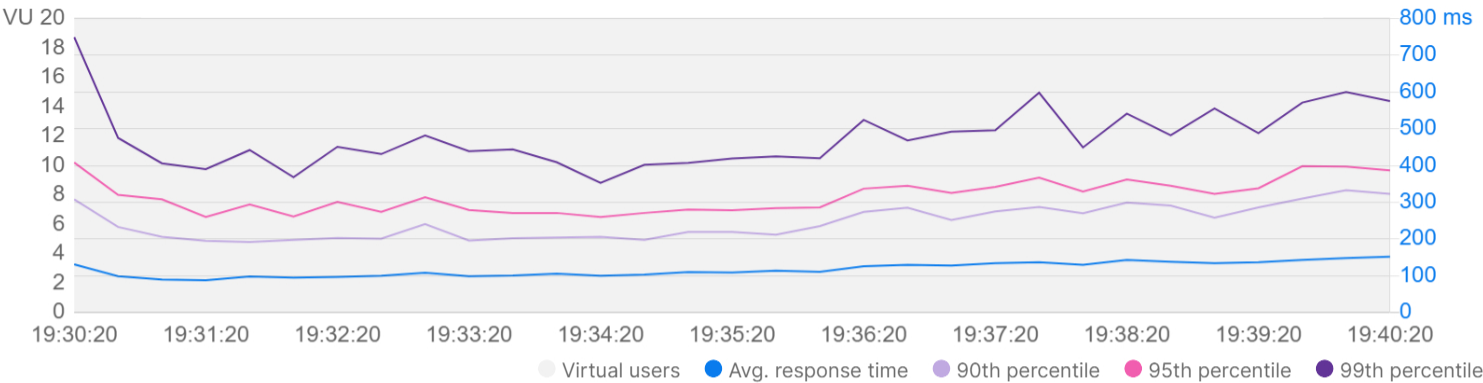
Virtual users	Start time	Load profile
20 VU	Dec 14, 19:30:25 (GMT+7)	Fixed
Duration	End time	Environment
10 minutes	Dec 14, 19:40:37 (GMT+7)	-

1. Summary

Total requests sent	Throughput	Average response time	Error rate
48,995	80.08 requests/second	115 ms	1.49 %

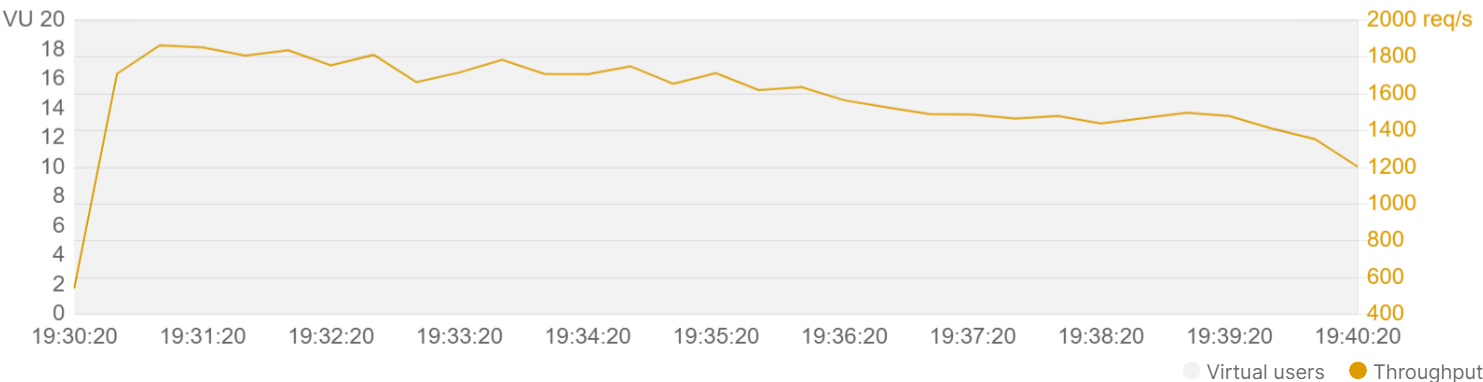
1.1 Response time

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)
PUT Change User Password {{baseUrl}}/api/user/password	338	499	587	759	113	963
POST To Login in application Admin {{baseUrl}}/api/auth	177	320	379	491	56	667
POST To create new user {{baseUrl}}/api/auth/register	156	287	343	477	3	918
GET Api to get all barberman infomation and its service {{baseUrl}}/api/kapsters	144	262	304	405	9	756
GET To get all serives available {{baseUrl}}/api/services	143	269	314	421	8	689

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 To create new user {{baseUrl}}/api/auth/register	419	400 Bad Request (419)	-	0
POST Create New Appointment {{baseUrl}}/api/appointment	310	400 Bad Request (310)	-	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 %
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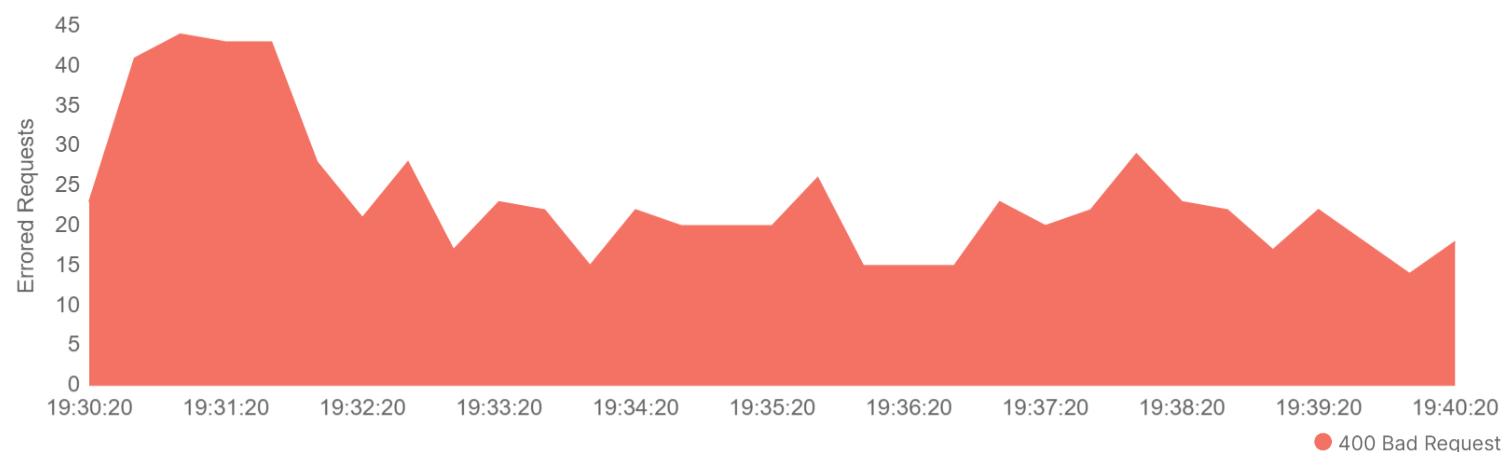
POST To create new user {{baseUrl}}/api/auth/register	2,731	4.46	3	156	287	918	15.34
POST To Login in application Admin {{baseUrl}}/api/auth	2,731	4.46	56	177	320	667	0
GET To fetch user data {{baseUrl}}/api/user	2,730	4.46	5	107	230	675	0
PUT Change User Password {{baseUrl}}/api/user/password	2,730	4.46	113	338	499	963	0
PUT Change User Role {{baseUrl}}/api/user/{{id_user}}/changerole	2,729	4.46	7	94	201	541	0
GET To get all serives available {{baseUrl}}/api/services	2,729	4.46	8	143	269	689	0
POST To create service {{baseUrl}}/api/services	2,728	4.46	7	103	208	431	0
PUT To update the service {{baseUrl}}/api/services/{{serviceId}}	2,728	4.46	7	95	181	482	0
POST Create new Kapster {{baseUrl}}/api/kapsters/	2,728	4.46	7	95	184	445	0
GET Api to get all barberman infomation and its service {{baseUrl}}/api/kapsters	2,727	4.46	9	144	262	756	0
GET Get Kapster Services {{baseUrl}}/api/kapsters/{{kapsterId}}	2,719	4.44	6	114	215	645	0
PUT Update kapster {{baseUrl}}/api/kapsters/{{kapsterId}}	2,717	4.44	7	83	161	391	0
PUT Update Kapster Service (price, isActive) {{baseUrl}}/api/kapster-service/{{kapsterServiceId}}	2,713	4.43	8	88	176	451	0
POST Create New Kapster Service {{baseUrl}}/api/kapster-service	2,711	4.43	7	72	139	580	0

GET Get appointment	2,711	4.43	6	78	151	728	0
{{baseUrl}}/api/appointment/{{appointmentId}}							
PUT Update appointment	2,711	4.43	7	62	123	390	0
{{baseUrl}}/api/appointment/{{appointmentId}}							
POST Create New Appointment	2,711	4.43	7	56	117	485	11.43
{{baseUrl}}/api/appointment							
GET Get all appointment (admin)	2,711	4.43	6	65	138	564	0
{{baseUrl}}/api/appointment							

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	729
POST To create new user	419
POST Create New Appointment	310



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](#).