Performance Test Report - Nov 18, 2024 (#5)

Open in Postman

Postman collection: Backend Assessment

Report exported on: Nov 18, 2024, 14:31:36 (GMT+1)

Test setup

Virtual users 10 VU	**Start time** Nov 18, 14:24:55 (GMT+1)	**Load profile** Peak
Duration 5 minutes	**End time** Nov 18, 14:30:03 (GMT+1)	**Environment** QA-assessment

1. Summary

Total requests sent	Throughput	Average response time	Error rate
6,715	21.81 requests/second	69 ms	0.00 %

1.1 Response time

Response time trends during the test duration.

Virtual users ● Avg. response time ● 90th percentile ● 95th percentile ● 99th percentile
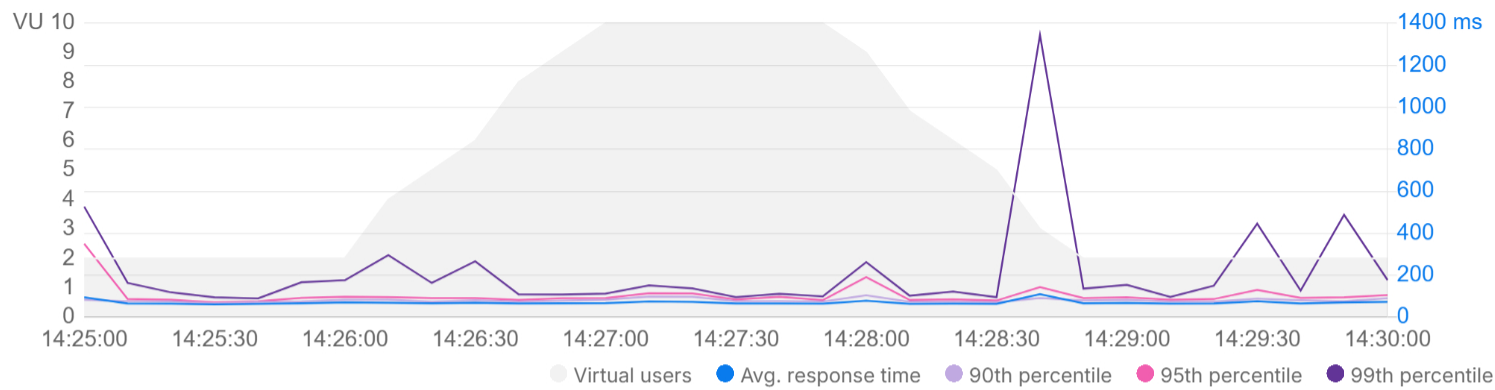
1.2 Throughput

Rate of requests sent per second during the test duration.

Virtual users ● Throughput
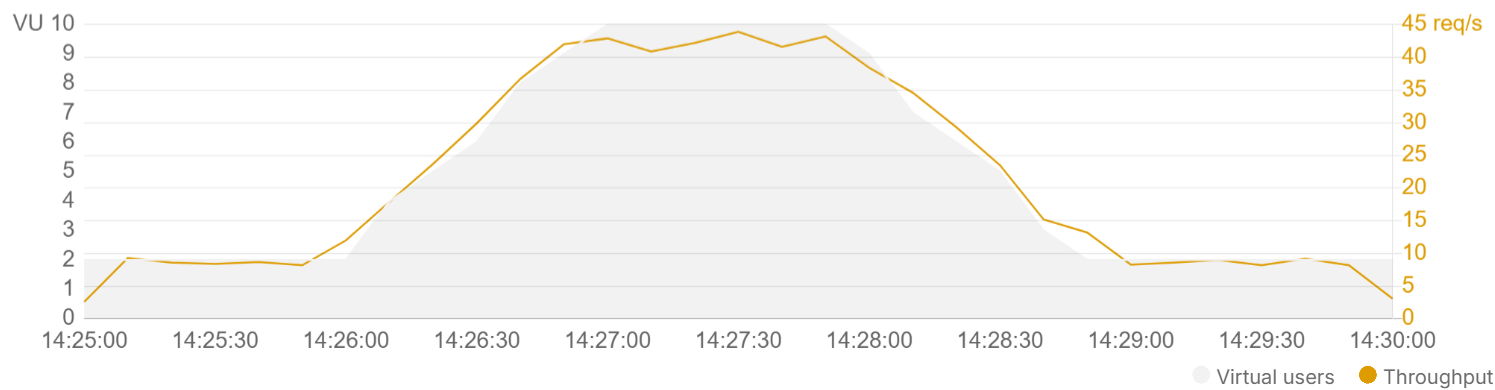
1.3 Requests with slowest response times

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 **GET - List Activities** https://fakerestapi.azurewebsites.net/api/v1/Activities	79	88	105	350	55	1,431
GET **GET - Verify User's Activities** https://fakerestapi.azurewebsites.net/api/v1/Activities? userId=1	72	86	100	136	54	1,344
GET **DELETE - Delete Activity** https://fakerestapi.azurewebsites.net/api/v1/Activities/1	70	80	94	144	53	1,328
POST **POST - Create Author** https://fakerestapi.azurewebsites.net/api/v1/Authors	70	82	94	135	54	1,328
GET **GET - Get Activity by ID** https://fakerestapi.azurewebsites.net/api/v1/Activities/1	69	80	92	161	54	1,321

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 GET - List Activities https://fakerestapi.azurewebsites.net/api/v1/Activities	522	1.70	55	79	88	1,431	0				
POST POST - Create Activity https://fakerestapi.azurewebsites.net/api/v1/Activities	520	1.69	54	68	82	220	0				

GET GET - Get Activity by ID https://fakerestapi.azurewebsites.net/api/v1/Activities/1	520	1.69	54	69	80	1,321	0
PUT PUT - Update Activity https://fakerestapi.azurewebsites.net/api/v1/Activities/1	520	1.69	54	69	81	286	0

GET	520	1.69	53	70	80	1,328	0
DELETE - Delete Activity https://fakerestapi.azurewebsites.net/api/v1/Activities/1							
POST	519	1.69	54	70	82	1,328	0
POST - Create Author https://fakerestapi.azurewebsites.net/api/v1/Authors							

POST	516	1.68	53	68	83	267	0

POST - Create Book

https://fakerestapi.azurewebsites.net/api/v1/Books

POST	515	1.67	54	67	79	211	0

POST - Create CoverPhoto

https://fakerestapi.azurewebsites.net/api/v1/CoverPhotos

GET GET - Verify CoverPhoto and Book Relationship https://fakerestapi.azurewebsites.net/api/v1/CoverPhotos/books/covers/1	514	1.67	54	68	83	265	0
POST POST - Create User https://fakerestapi.azurewebsites.net/api/v1/Users	513	1.67	54	68	79	286	0
GET	514	1.67	54	68	83	265	0

POST PUT - Update User Data https://fakerestapi.azurewebsites.net/api/v1/Activities	512	1.66	54	67	80	199	0
POST POST - Create Activity for User https://fakerestapi.azurewebsites.net/api/v1/Activities	512	1.66	54	68	83	341	0

GET	512	1.66	54	72	86	1,34 4	0

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3. Errors

This run has no errors

All requests were sent successfully and returned a 2xx response code.

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.

POSTMAN