Performance test report - Oct 14, 2024 (#1)

Open in Postman

Postman collection: opencart_restAPI_cartModule

Report exported on: Oct 14, 2024, 2:06:11 (GMT+6)

Test setup

Virtual users 20 VU	**Start time** Oct 14, 2:01:46 (GMT+6)	**Load profile** Fixed
Duration 2 minutes	**End time** Oct 14, 2:03:55 (GMT+6)	**Environment** New Environment

1. Summary

Total requests sent	Throughput	Average response time	Error rate
685	5.30 requests/second	313 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
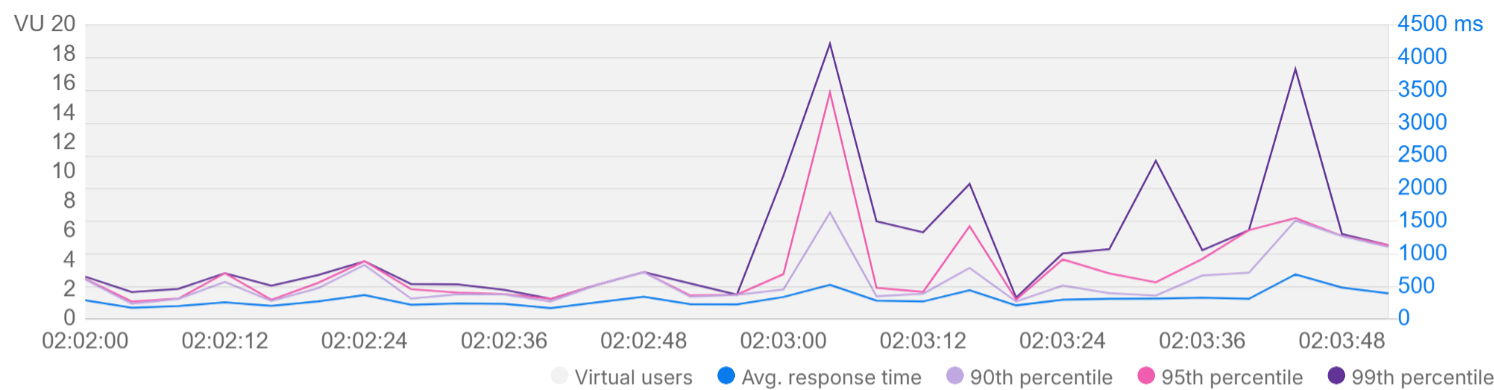
1.2 Throughput

Rate of requests sent per second during the test duration.

Virtual users • Throughput
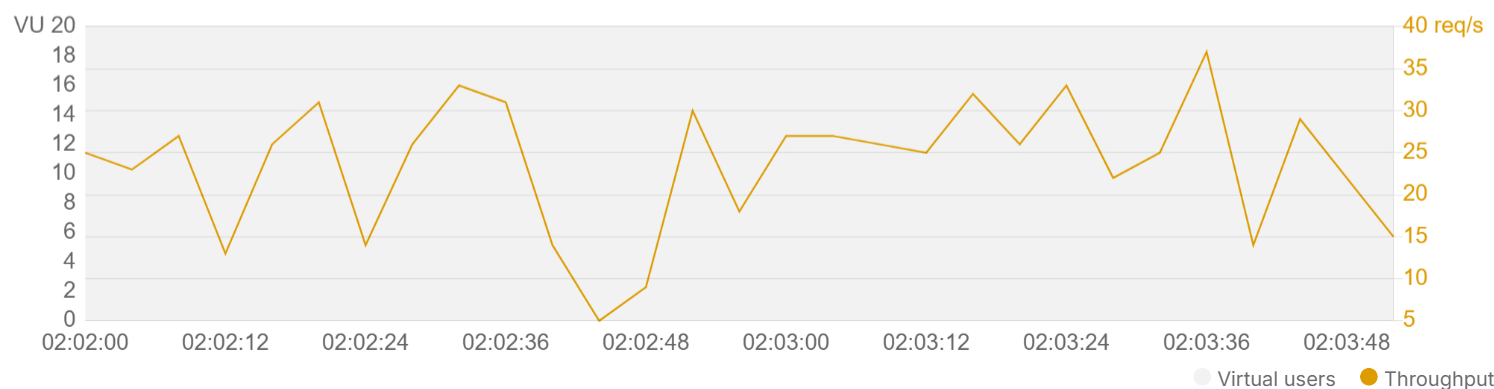
1.3 Requests with slowest response times

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 Cart Content {{baseUrl}}api/cart/products	367	692	1,093	1,433	162	1,441
POST Add product to cart {{baseUrl}}api/cart/add	324	434	671	1,511	167	1,550
POST Create Session Token {{baseUrl}}api/login	322	421	1,059	3,474	93	4,217
POST edit product quantity in cart {{baseUrl}}api/cart/edit	299	436	918	1,420	116	3,828
POST remove item from cart {{baseUrl}}api/cart/remove	249	383	518	833	118	1,347

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 %
POST Create Session Token {{baseUrl}}api/login	145	1.12	93	322	421	4,217	0
POST Add product to cart {{baseUrl}}api/cart/add	140	1.08	167	324	434	1,550	0
GET Cart Content {{baseUrl}}api/cart/products	136	1.05	162	367	692	1,441	0
POST edit product quantity in cart {{baseUrl}}api/cart/edit	134	1.04	116	299	436	3,828	0
POST remove item from cart {{baseUrl}}api/cart/remove	130	1.01	118	249	383	1,347	0

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