

# Performance Test Report - Jul 29, 2025 (#1)

Open in Postman

Postman collection: Product Service API – Endpoint Details  
Report exported on: Aug 6, 2025, 19:06:13 (GMT+5:30)

## Test setup

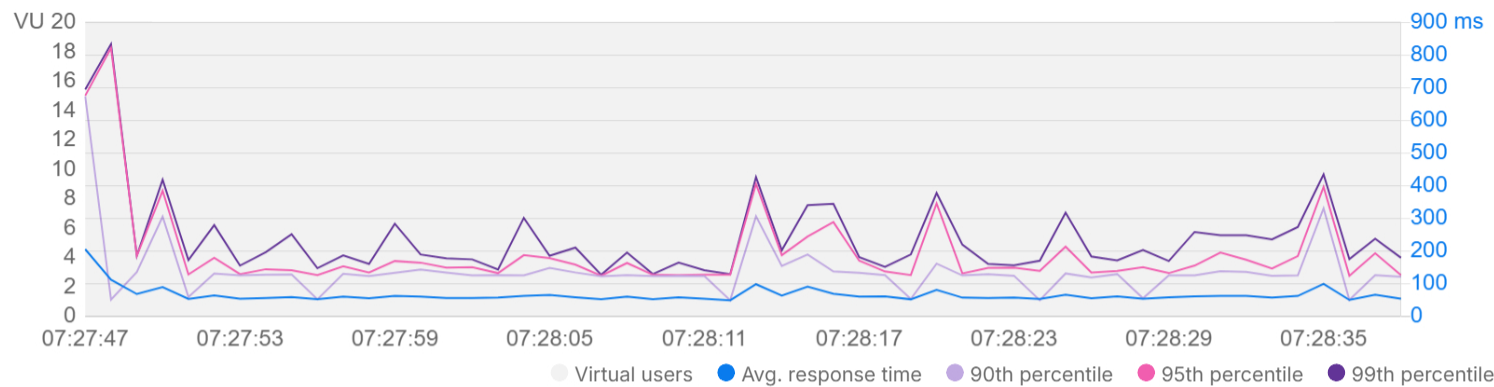
Virtual users	Start time	Load profile
20 VU	Jul 29, 7:27:44 (GMT+5:30)	Fixed
Duration	End time	Environment
10 minutes (Terminated at 55 seconds)	Jul 29, 7:28:39 (GMT+5:30)	-

## 1. Summary

Total requests sent	Throughput	Average response time	Error rate
3,764	68.39 requests/second	65 ms	0.50 %

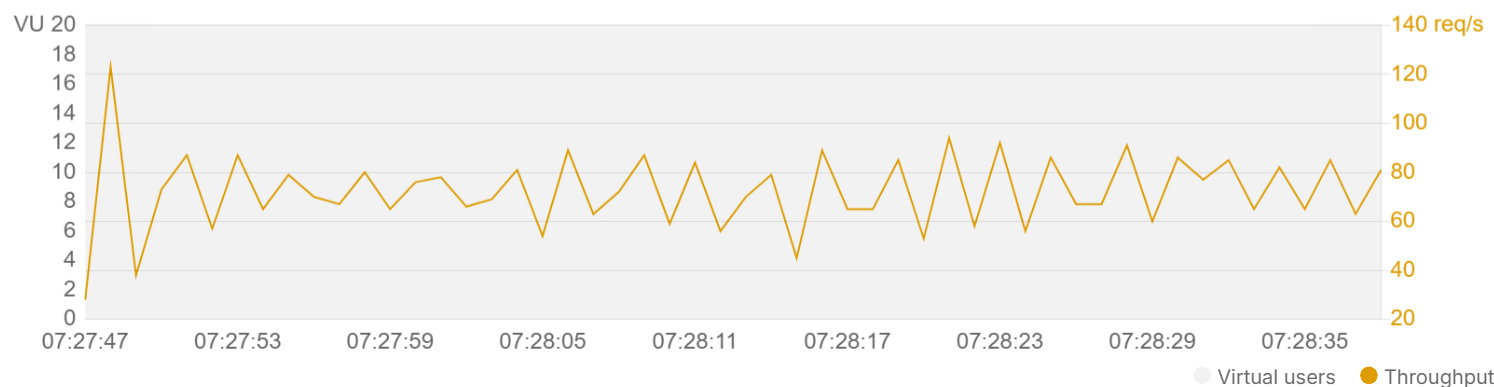
### 1.1 Response time

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> authCode {{baseUrl}}/auth/login	188	324	412	826	118	837
<b>GET</b> View Product by Id {{baseUrl}}/getProductbyId/{{id}}	49	50	53	188	37	201
<b>DELETE</b> Delete Prodcut by Id https://webapps.tekstac.com/OAuthRestApi/webapi/deleteProduct/{{id}}	49	50	53	189	36	204
<b>GET</b> View All Products {{baseUrl}}/getAllProducts	48	50	51	176	36	203
<b>POST</b> accessToken {{baseUrl}}/auth/token	46	50	53	60	35	73

### 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>PUT</b> Update Product https://webapps.tekstac.com/OAuthRestApi/webapi/updateProduct/{{id}}	11	500 Internal Server Error (11)	-	0
<b>POST</b> Add Product {{baseUrl}}/addProduct	6	500 Internal Server Error (6)	-	0
<b>DELETE</b> Delete Prodcut by Id https://webapps.tekstac.com/OAuthRestApi/webapi/deleteProduct/{{id}}	2	500 Internal Server Error (2)	-	0

## 2. Metrics for each request

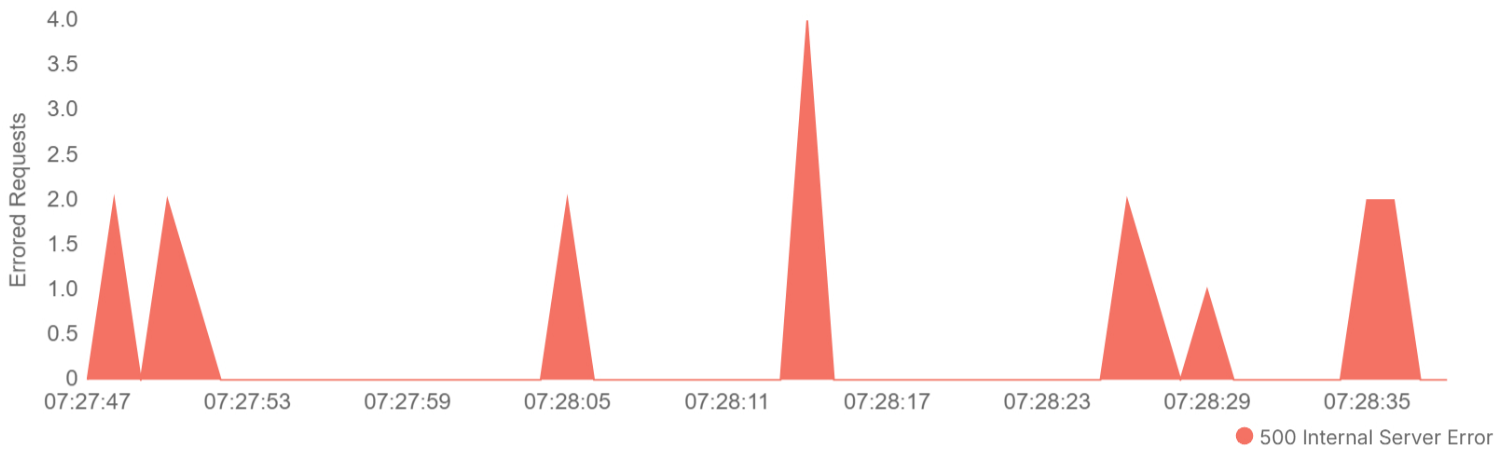
The requests are shown in the order they were sent by virtual users.

Request	Total requests	Requests/s	Min (ms)	Avg (ms)	90th (ms)	Max (ms)	Error %
<b>POST</b> authCode {{baseUrl}}/auth/login	474	8.61	118	188	324	837	0
<b>POST</b> accessToken {{baseUrl}}/auth/token	474	8.61	35	46	50	73	0
<b>POST</b> Add Product {{baseUrl}}/addProduct	473	8.59	38	46	50	180	1.27
<b>GET</b> View All Products {{baseUrl}}/getAllProducts	472	8.58	36	48	50	203	0
<b>GET</b> View Product by Id {{baseUrl}}/getProductbyId/{{id}}	470	8.54	37	49	50	201	0
<b>GET</b> View Product by Name https://webapps.tekstac.com/OAuthRestApi/webapi/viewProductByName?name={{name}}	469	8.52	38	45	49	213	0
<b>PUT</b> Update Product https://webapps.tekstac.com/OAuthRestApi/webapi/updateProduct/{{id}}	467	8.49	38	46	50	172	2.36
<b>DELETE</b> Delete Prodcut by Id https://webapps.tekstac.com/OAuthRestApi/webapi/deleteProduct/{{id}}	465	8.45	36	49	50	204	0.43

### 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
500 Internal Server Error	19
<span>POST</span> Add Product	6
<span>PUT</span> Update Product	11
<span>DELETE</span> Delete Prodcut by Id	2



#### 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](#).