Performance Test Report - Sep 6, 2025 (#7)

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Postman collection: Transaction Management - Performance Test

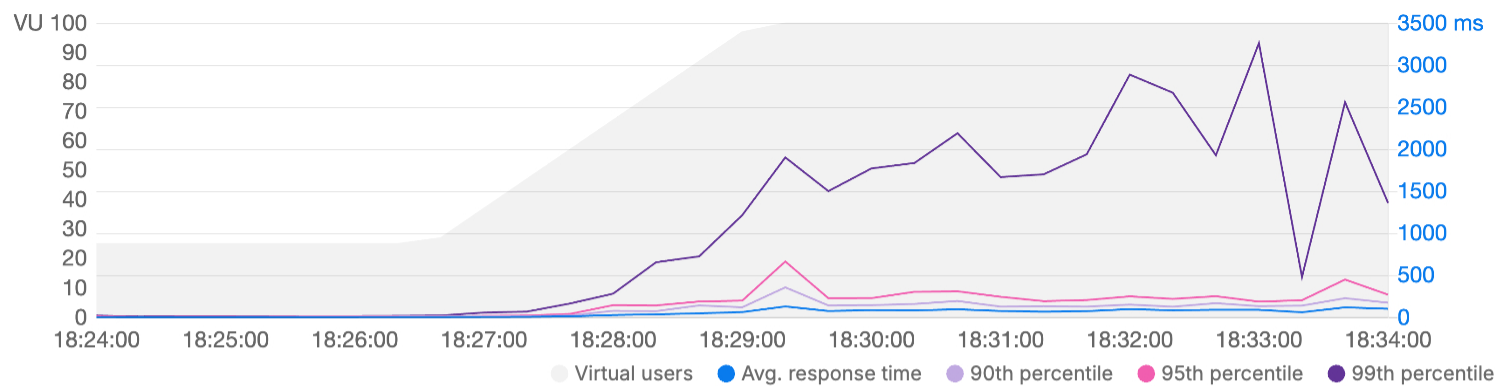Report exported on: Sep 6, 2025, 18:36:36 (GMT+8)

Test setup

Virtual users	Start time	Load profile
100 VU	Sep 6, 18:24:13 (GMT+8)	Ramp up (2 minutes 30 seconds)

Duration	End time	Environment
10 minutes	Sep 6, 18:34:19 (GMT+8)	Transaction Management - Performance Environment

1. Summary

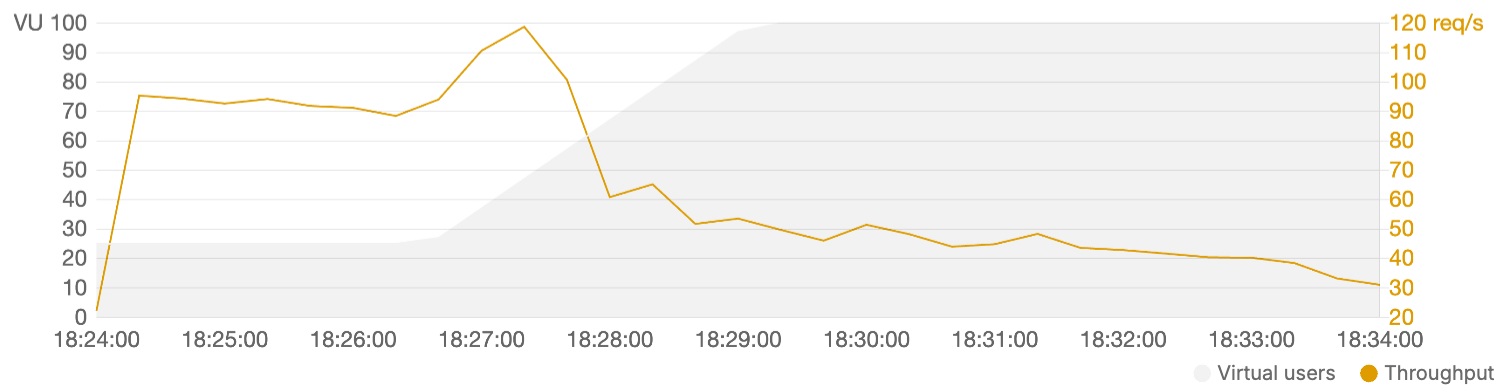| Total requests sent	Throughput	Average response time	Error rate
39,426	65.04 requests/second	39 ms	0.02 %

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)
GET 分页查询交易 - 性能测试 {{baseUrl}}/api/v1/transactions?page=1&size=10	77	150	237	1,334	2	6,534
POST 创建交易 - 性能测试 {{baseUrl}}/api/v1/transactions	32	38	104	435	1	5,709
GET 查询交易 - 性能测试 {{baseUrl}}/api/v1/transactions/{{transactionId}}	25	18	50	387	1	4,175
DELETE 删除交易 - 性能测试 {{baseUrl}}/api/v1/transactions/{{transactionToDelete}}	20	27	67	245	1	5,617

1.4 Requests with most errors

Top 5 requests with the most errors, along with the most frequently occurring errors for each request.

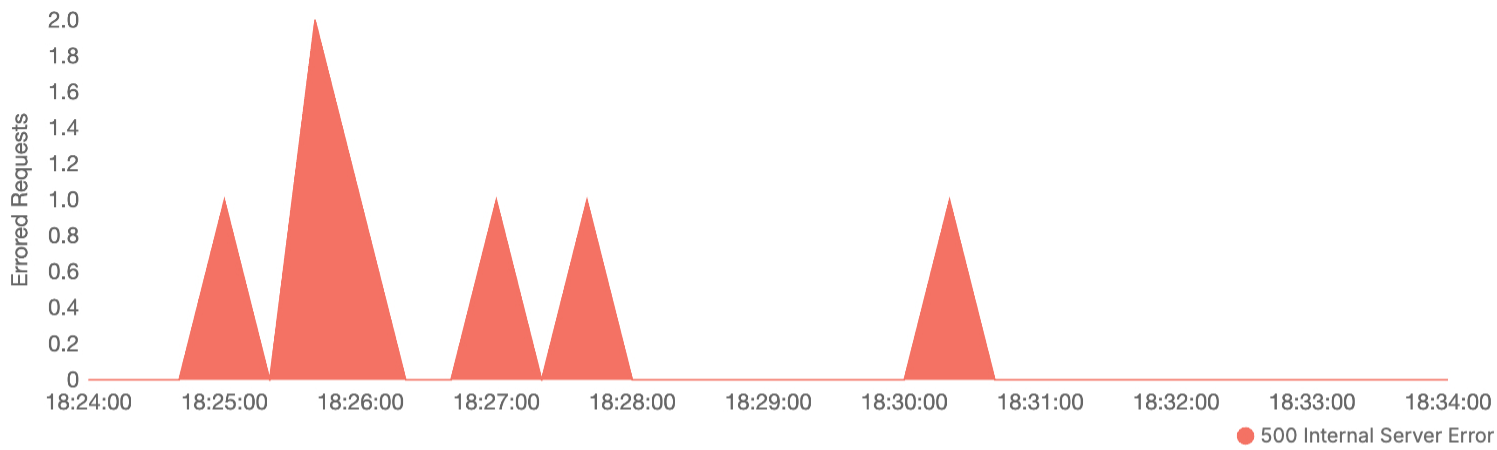| Request	Total error count	Error 1	Error 2	Other errors
GET 查询交易 - 性能测试 {{baseUrl}}/api/v1/transactions/{{transactionId}}	7	500 Internal Server Error (7)	-	0

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 %
POST 创建交易 - 性能测试 {{baseUrl}}/api/v1/transactions	9,878	16.30	1	32	38	5,709	0
GET 查询交易 - 性能测试 {{baseUrl}}/api/v1/transactions/{{transactionId}}	9,870	16.28	1	25	18	4,175	0.07
GET 分页查询交易 - 性能测试 {{baseUrl}}/api/v1/transactions?page=1&size=10	9,862	16.27	2	77	150	6,534	0
DELETE 删除交易 - 性能测试 {{baseUrl}}/api/v1/transactions/{{transactionToDelete}}	9,816	16.19	1	20	27	5,617	0

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	7
GET 查询交易 - 性能测试	7

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.