Performance test report - Aug 28, 2024 (#3)

Open in Postman

Postman collection: **IPstack**

Report exported on: **Aug 28, 2024, 21:25:15 (GMT+1)**
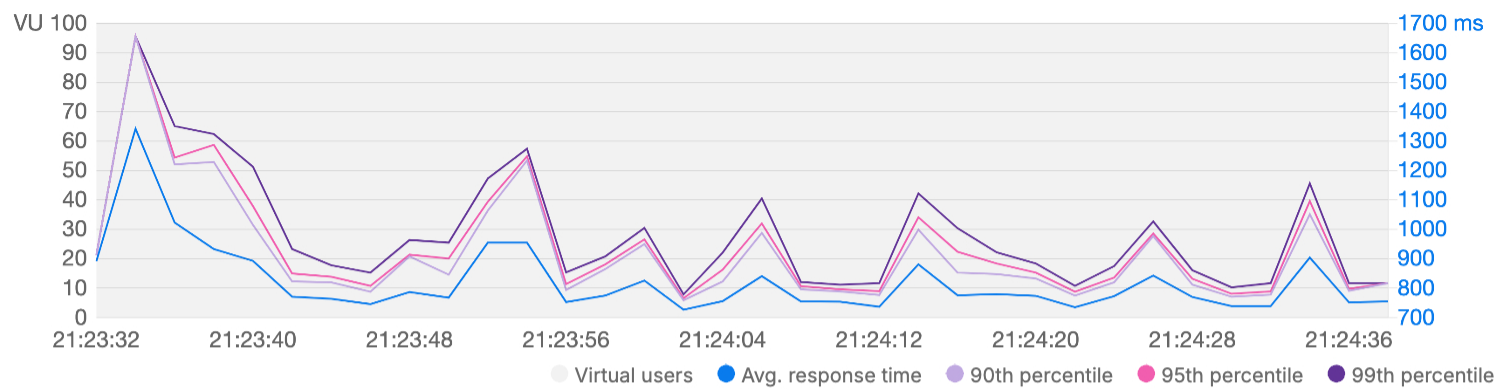
Test setup

Virtual users	Start time	Load profile
100 VU	Aug 28, 21:23:30 (GMT+1)	Fixed

Duration	End time	Environment
1 minute	Aug 28, 21:24:38 (GMT+1)	-

1. Summary

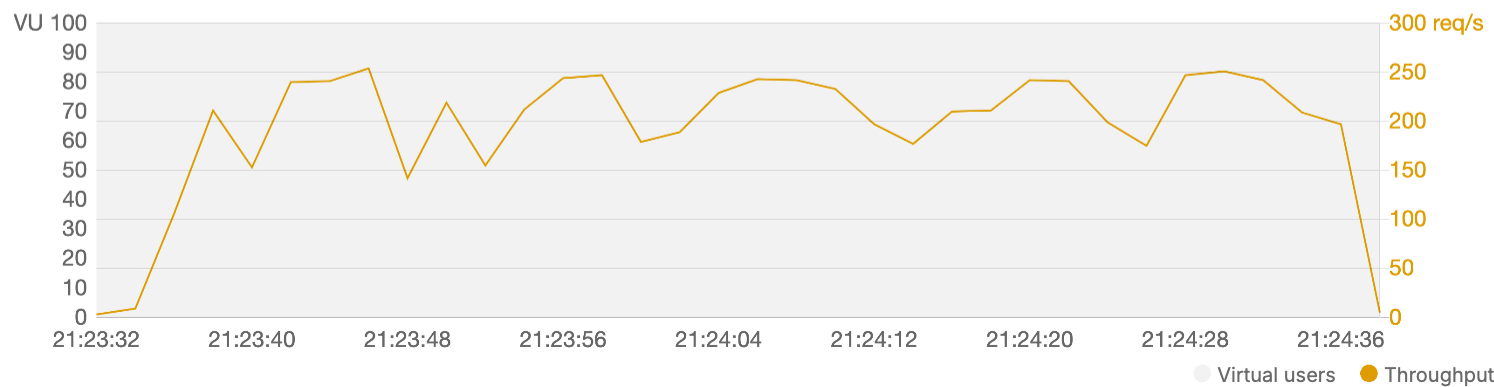| Total requests sent	Throughput	Average response time	Error rate
6,554	97.49 requests/second	798 ms	0.00 %

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 **Response in different language** https://api.ipstack.com/134.201.250.155?language=ru	857	1,102	1,199	1,248	681	1,309
GET **Basic Standard IP Lookup** https://api.ipstack.com/134.201.250.155	845	1,176	1,222	1,302	679	1,415
GET **Response wrapped inside a callback** https://api.ipstack.com/102.88.37.196?callback=My_IP	833	987	1,061	1,208	684	1,253
GET **Basic Requester IP Lookup** https://api.ipstack.com/check?=	831	1,015	1,159	1,374	672	1,656
GET **Hostname** https://api.ipstack.com/160.39.144.19?hostname=1	802	932	1,009	1,151	683	1,373

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 Basic Requester IP Lookup	530	7.88	672	831	1,015	1,656	0
https://api.ipstack.com/check?=							
GET Basic Standard IP Lookup	514	7.65	679	845	1,176	1,415	0
https://api.ipstack.com/134.201.250.155							
GET Hostname	508	7.56	683	802	932	1,373	0
https://api.ipstack.com/160.39.144.19?hostname=1							
GET Response wrapped inside a callback	504	7.50	684	833	987	1,253	0
https://api.ipstack.com/102.88.37.196?callback=My_IP							
GET Response in different language	500	7.44	681	857	1,102	1,309	0
https://api.ipstack.com/134.201.250.155?language=ru							
GET Specific Response with Fields Parameter	500	7.44	674	799	933	1,319	0
https://api.ipstack.com/134.201.250.155?fields=zip							
GET XML Output	500	7.44	683	778	845	1,252	0
https://api.ipstack.com/160.39.144.19?output=xml							
GET Bulk IP Lookup	500	7.44	664	763	824	1,083	0
https://api.ipstack.com/72.229.28.185,110.174.165.78							
GET Bulk Hostname	500	7.44	675	759	802	1,035	0
https://api.ipstack.com/72.229.28.185,110.174.165.78?hostname=1							
GET Bulk Response wrapped inside a callback	500	7.44	676	773	851	1,128	0
https://api.ipstack.com/134.201.250.155,72.229.28.185,110.174.165.78?callback=MY_FUNCTION							
GET Bulk Response in different language	500	7.44	679	777	867	1,165	0
https://api.ipstack.com/72.229.28.185,110.174.165.78?language=ru							
GET Bulk Specific Response with Fields Parameter	500	7.44	677	777	898	1,157	0
https://api.ipstack.com/72.229.28.185,110.174.165.78?fields=zip							
GET Bulk XML Output	498	7.41	679	782	901	1,005	0
https://api.ipstack.com/72.229.28.185,110.174.165.78?=&output=xml							

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.