

## Apache JMeter performance testing

Site to test - <https://restful-booker.herokuapp.com/>

100 users

In 100 seconds

1 per sec

The screenshot shows the Apache JMeter configuration interface. On the left is a sidebar with a tree view containing 'OnlineVideoEditor', 'Thread Group' (selected), 'HTTP Request', and 'View Results Tree'. The main panel is titled 'Thread Group' and contains the following configuration options:

- Name:** Thread Group
- Comments:** (empty text field)
- Action to be taken after a Sampler error:** Radio buttons for Continue (selected), Start Next Thread Loop, Stop Thread, Stop Test, and Stop Test Now.
- Thread Properties:**
  - Number of Threads (users):** 100
  - Ramp-up period (seconds):** 100
  - Loop Count:** ☐ Infinite, 1
  - ☒ Same user on each iteration
  - ☐ Delay Thread creation until needed
  - ☐ Specify Thread lifetime
  - Duration (seconds):** (empty text field)
  - Startup delay (seconds):** (empty text field)

Request:

HTTP Request

Name:

HTTP Request

Comments:

▲▼

...

Basic

Advanced

Web Server

Protocol [http]:

https

Server Name or IP:

restful-booker.herokuapp.com

Port Number:

HTTP Request

GET

▼

Path:

booking

Content encoding:

☐ Redirect Automatically

☒ Follow Redirects

☒ Use KeepAlive

☐ Use multipart/form-data

☐ Browser-compatible headers

Parameters

Body Data

Files Upload

Send Parameters With the Request:

Name:	Value	URL Enco...	Content-Type	Include Equ...
-------	-------	-------------	--------------	----------------

## Results – Passed

The screenshot shows the IntelliJ IDEA interface with the 'JSON' tab selected in the top left. Below it, a list of 15 'HTTP Request' items is displayed. The 'Sampler result' tab is selected, showing details for 'Thread Name: Thread Group 1-100'. The details include: Sample Start: 2024-01-30 17:10:52 EET, Load time: 674, Connect Time: 403, Latency: 543, Size in bytes: 59816, Sent bytes: 140, Headers size in bytes: 754, Body size in bytes: 59062, Sample Count: 1, Error Count: 0, Data type ("text"|"bin"|""): text, Response code: 200, and Response message: OK. The 'Raw' tab is also visible at the bottom.

100 users

In 50 seconds

**Results – Passed**

The screenshot displays a software interface for viewing test results. On the left, a list of 20 items, each consisting of a green checkmark icon followed by the text "HTTP Request", is shown. Above this list is a dropdown menu currently set to "JSON". To the right of the list, there are three tabs: "Sampler result", "Request", and "Response data", with "Sampler result" being the active tab. At the bottom of the interface, there is a checkbox labeled "Scroll automatically?" which is checked, and two more tabs, "Raw" and "Parsed", with "Raw" being the active tab. The interface has a dark theme.

Site to test – <https://petstore.swagger.io/>

Request – <https://petstore.swagger.io/v2/pet/findByStatus?status=available/>

1000 users

In 2 seconds

**Results – Passed**

The screenshot displays a performance testing tool interface with a dark theme. On the left, a list of 17 items, each labeled 'HTTP Request' with a green checkmark icon, indicates successful requests. Below this list is a checkbox labeled 'Scroll automatically?' which is checked. The main area on the right is divided into tabs: 'Sampler result' (selected), 'Request', and 'Response data'. At the bottom of the interface, there are tabs for 'Raw' and 'Parsed' data.

10000 users

In 5 seconds

## Results – Failed

JSON

HTTP Request

HTTP Request

HTTP Request

HTTP Request

HTTP Request

HTTP Request

HTTP Request

HTTP Request

HTTP Request

HTTP Request

HTTP Request

HTTP Request

HTTP Request

HTTP Request

HTTP Request

HTTP Request

HTTP Request

Sampler result

Request

Response data

Thread Name:Thread Group 1-9553  
Sample Start:2024-01-30 17:38:19 EET  
Load time:115770  
Connect Time:115770  
Latency:0  
Size in bytes:2985  
Sent bytes:0  
Headers size in bytes:0  
Body size in bytes:2985  
Sample Count:1  
Error Count:1  
Data type ("text|bin"):text  
Response code:Non HTTP response code: javax.net.ssl.SSLProtocolException  
Response message:Non HTTP response message: Received close\_notify during handshake

HTTPSampleResult fields:  
ContentType:  
DataEncoding: null

Raw

Parsed

☒ Scroll automatically?