Performance testing

**Utils**:

* Jmeter – Gui only to prepare the tests. Executing the tests by CLI Mode.
* burp suite – The usable tool for intercepting requests.

Spis treści

[1. Book a fllight scenario: 1](#_Toc144046493)

[1. Performance testing – testy wydajnosciowe. 1](#_Toc144046494)

[1. Test case 1 1](#_Toc144046495)

[2. Test case 2 2](#_Toc144046496)

[2. Stability testing – testy stabilności. 3](#_Toc144046497)

[3. Test case 1 3](#_Toc144046498)

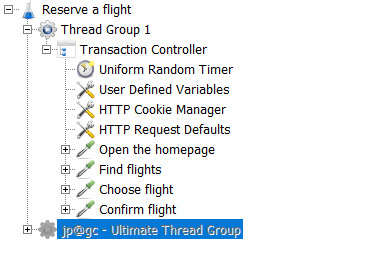
[4. Test case 2 4](#_Toc144046499)

[3. Load testing - Testy obciążeniowe. 5](#_Toc144046500)

[5. Test case 1 – steady increase traffic on the website. 6](#_Toc144046501)

[6. Test case 2 – sudden increase number of users. 6](#_Toc144046502)

# Book a fllight scenario:



**Website URL:** [https://blazedemo.com](https://blazedemo.com/)

## Performance testing – testy wydajnosciowe.

### Test case 1

**Thread group:** 50

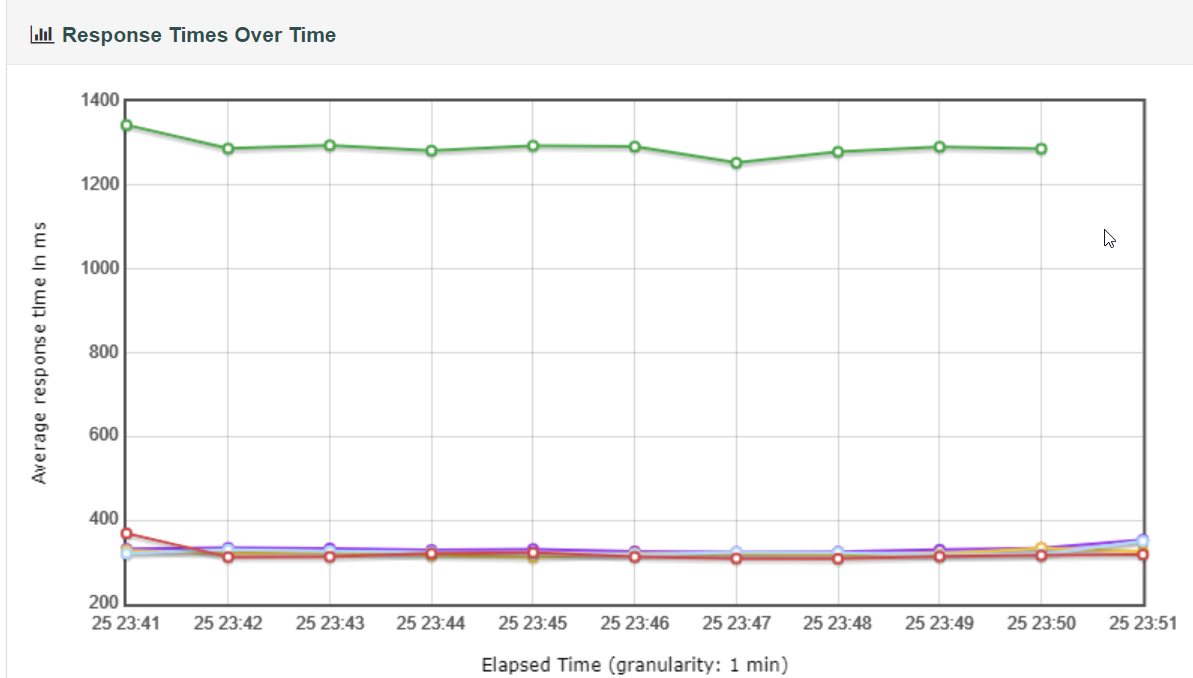
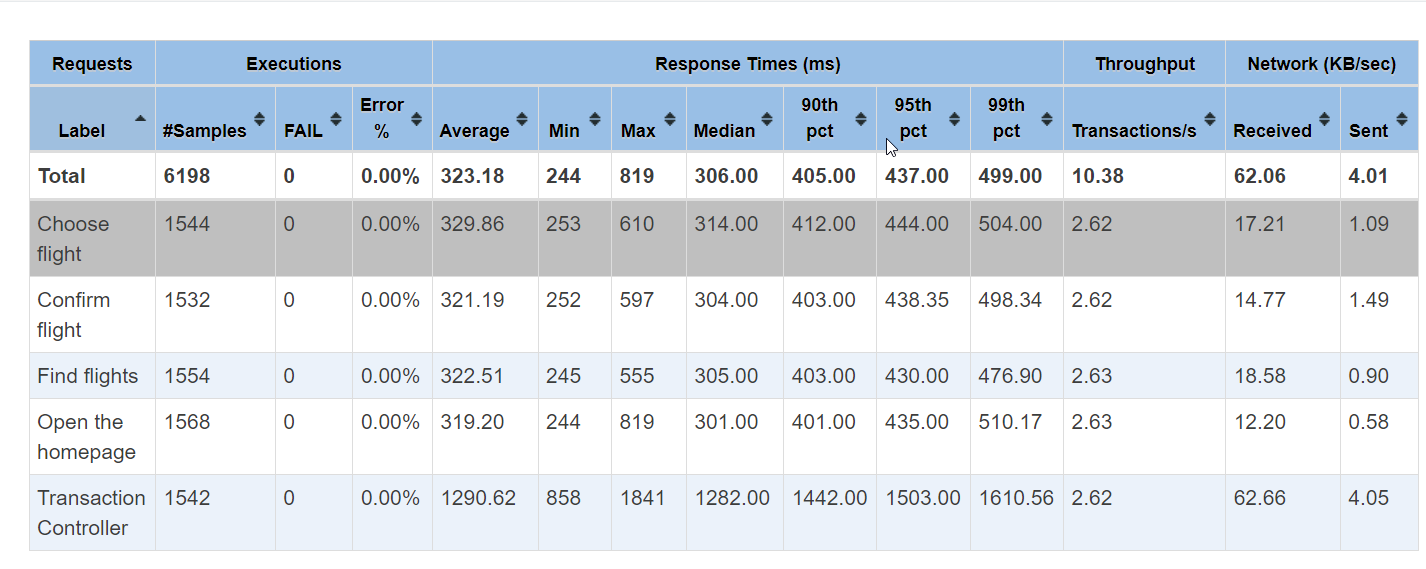
**Duration**: 600 seconds

**Ramp up-period**: 6 seconds.

**Loop count:** infinite

**Think time:** 3000-7000 ms.

**Results:**



### Test case 2

**Thread group:** 100

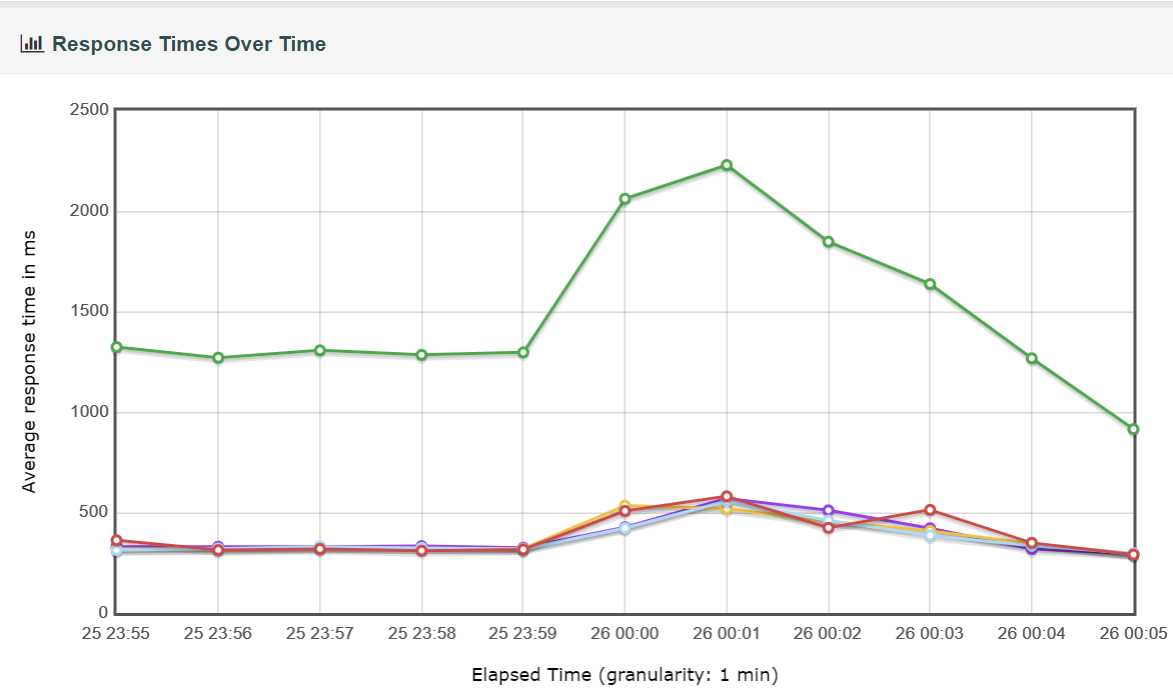
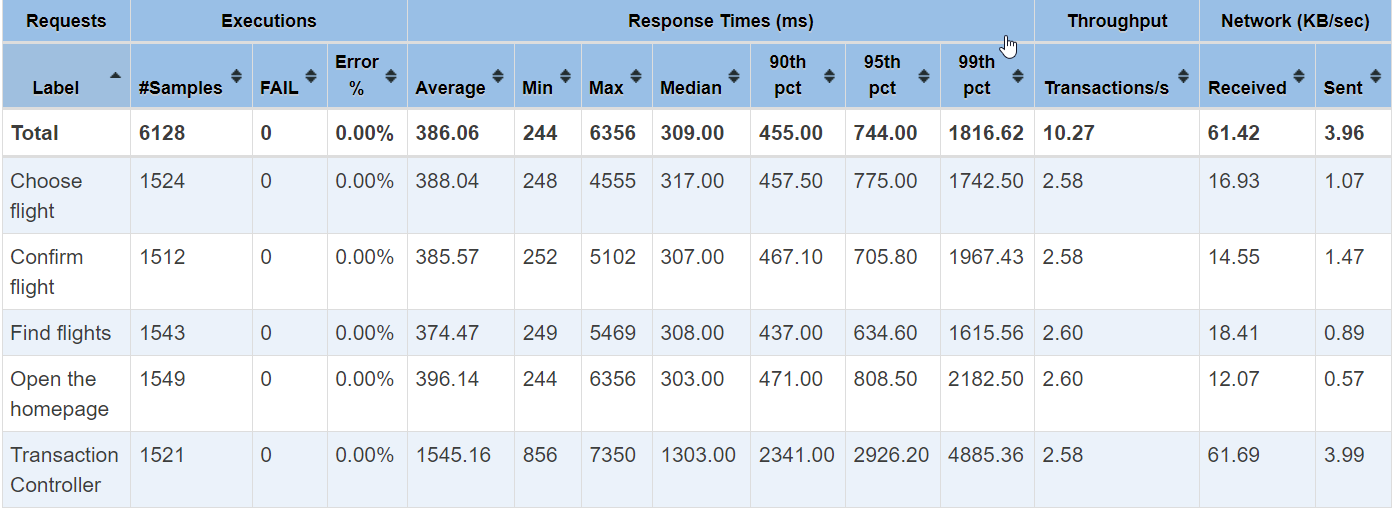
**Duration**: 10 minutes.

**Ramp up-period**: 6 seconds.

**Loop count:** infinite

**Think time:** 3000-7000 ms.

**Results:**



## Stability testing – testy stabilności.

### Test case 1

**Thread group:** 50

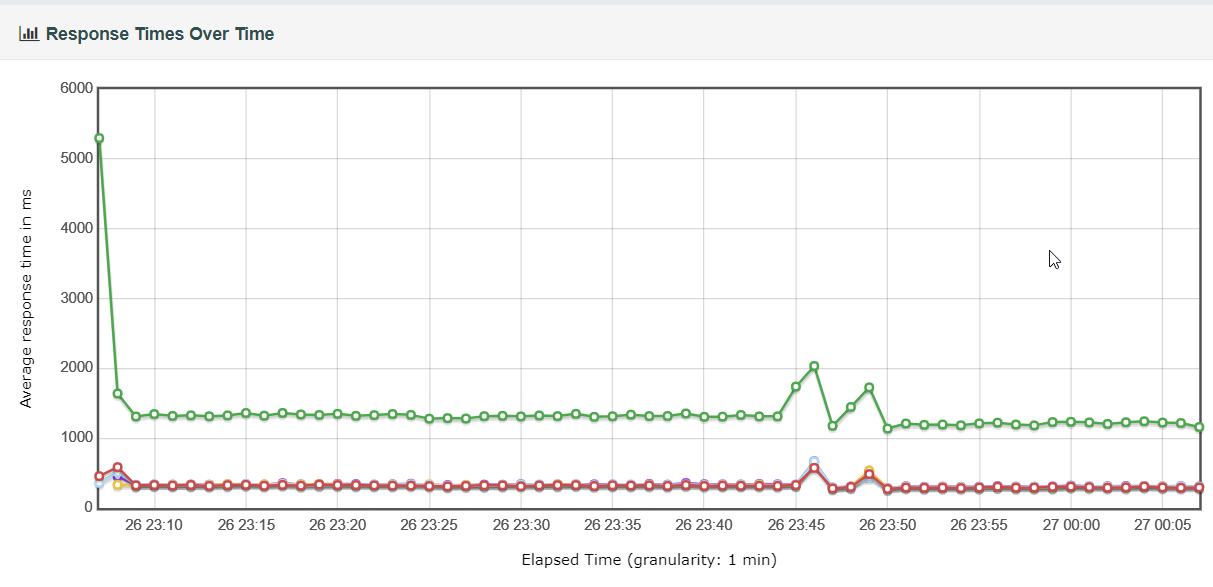
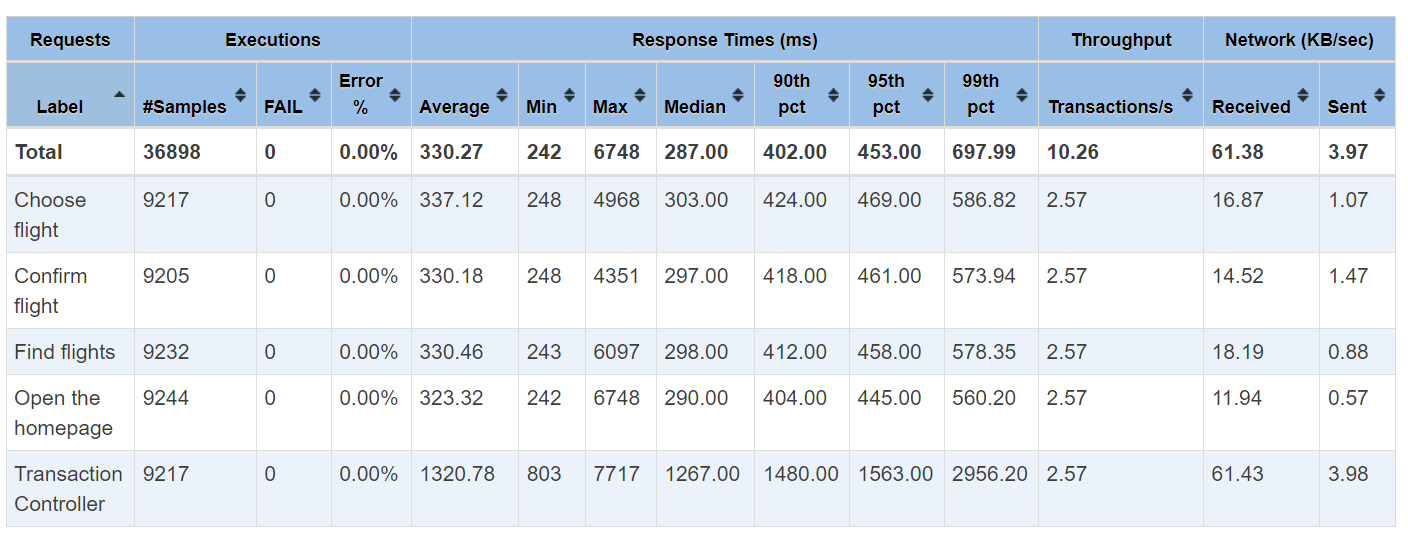
**Duration**: 1 hour.

**Ramp up-period**: 60 seconds.

**Loop count:** infinite

**Think time:** 3000-7000 ms.

**Results:**



### Test case 2

**Thread group:** 100

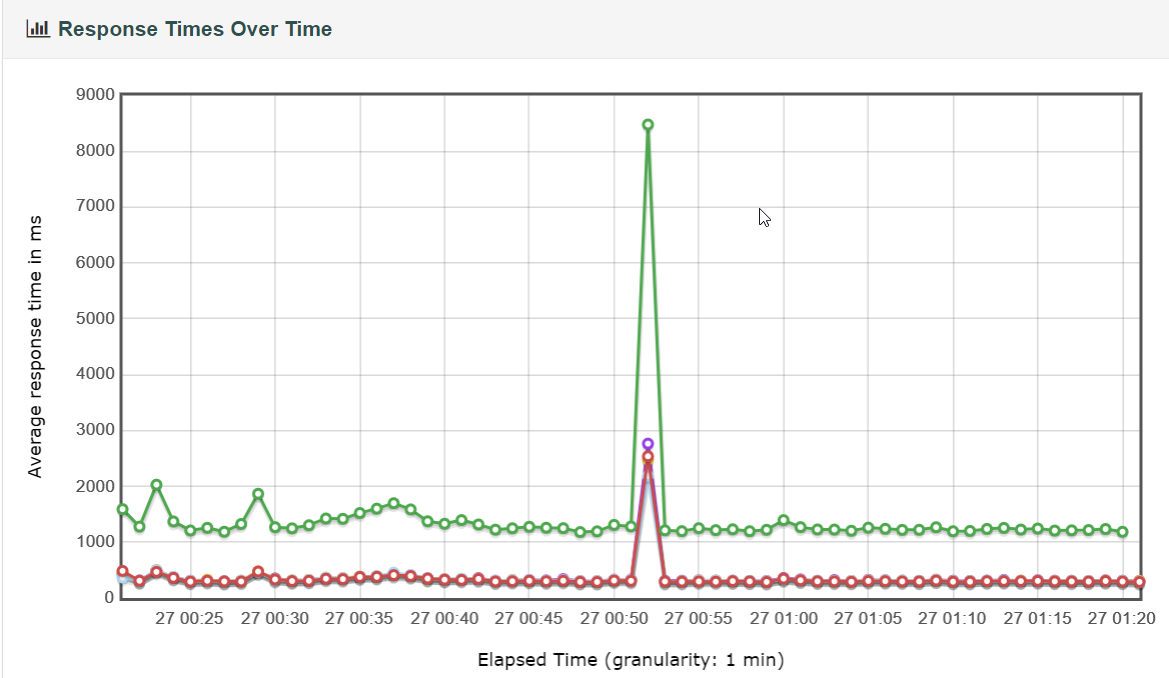
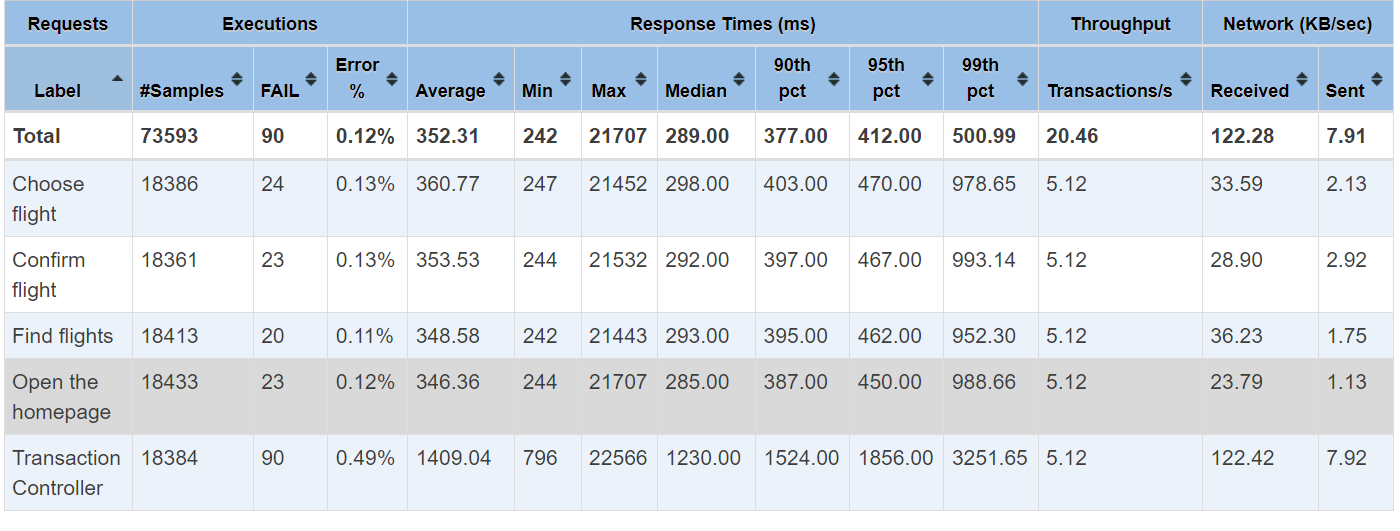
**Duration**: 1 hour.

**Ramp up-period**: 60 seconds.

**Loop count:** infinite

**Think time:** 3000-7000 ms.

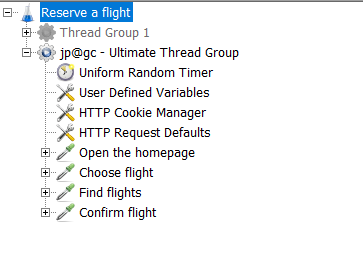
**Results:**



## Load testing - Testy obciążeniowe.

Requirements:

* Install **ultimate thread group**



### Test case 1 – steady increase traffic on the website.

**Thread group:** 0-100

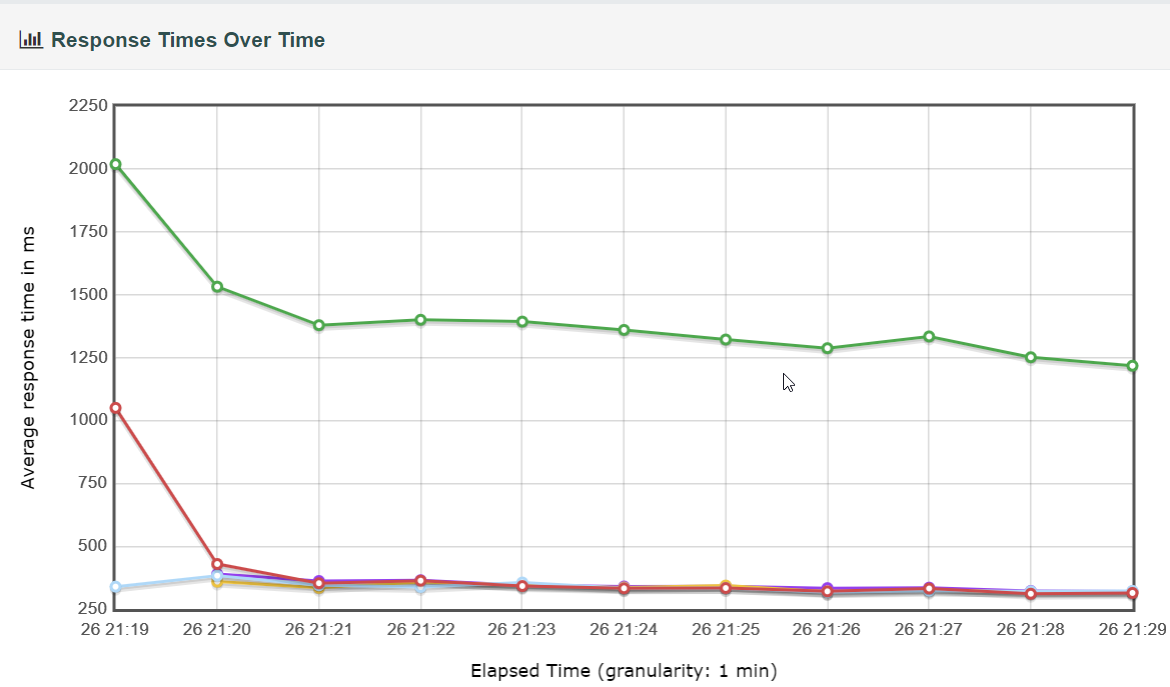
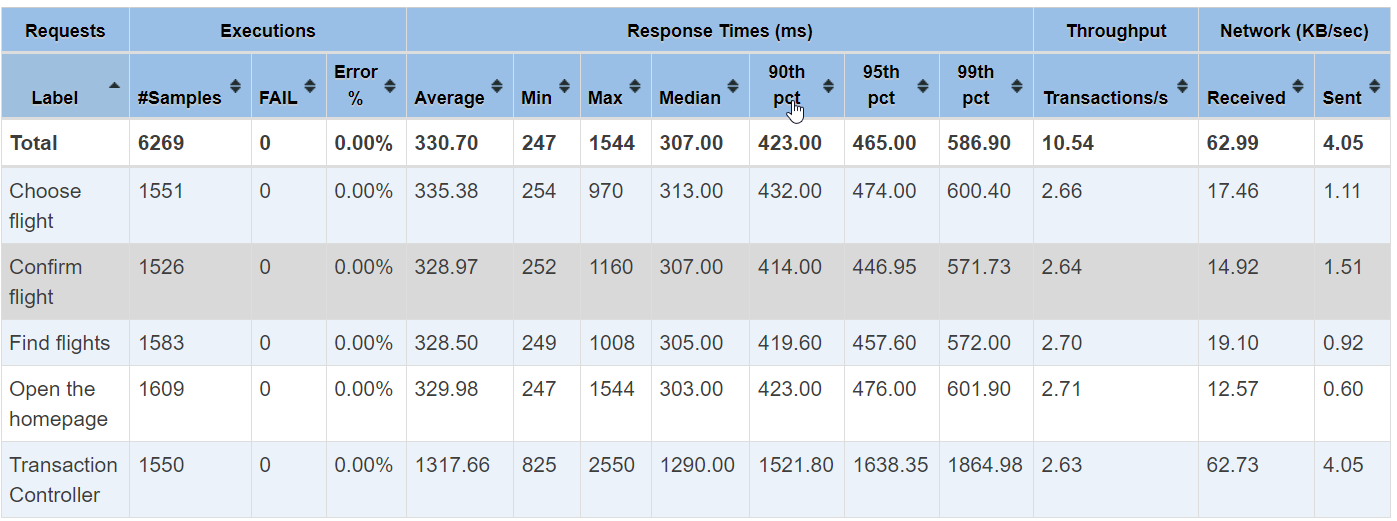
**Duration**: 600s.

**Ramp up-period**: 600s.

**Loop count:** infinite

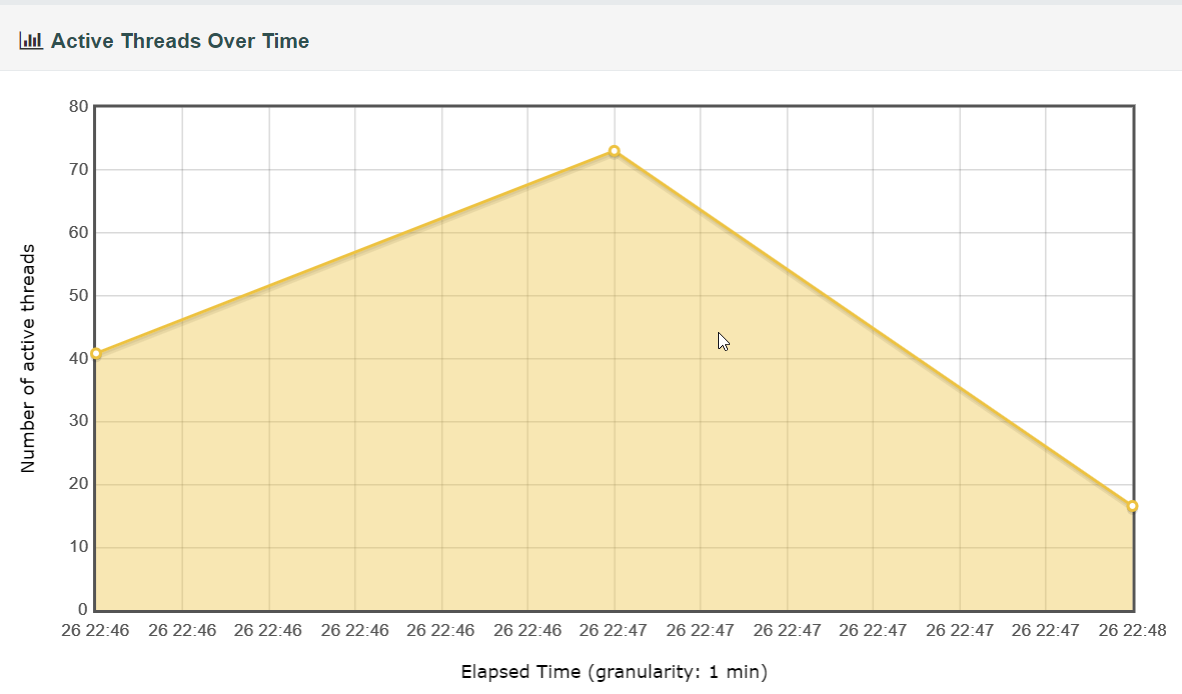
**Think time:** 3000-7000 ms.

**Results:**



### Test case 2 – sudden increase number of users.

**Thread group:** 20-120



**Duration**: around 120s.

**Ramp up-period**: none.

**Loop count:** infinite

**Think time:** 3000-7000 ms.

Results: 