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: 2](#_Toc144562439)

[1. Performance testing – testy wydajnosciowe. 2](#_Toc144562440)

[Test case 1 2](#_Toc144562441)

[Test case 2 3](#_Toc144562442)

[2. soak testing – testy namaczania. 4](#_Toc144562443)

[Test case 1 4](#_Toc144562444)

[Test case 2 5](#_Toc144562445)

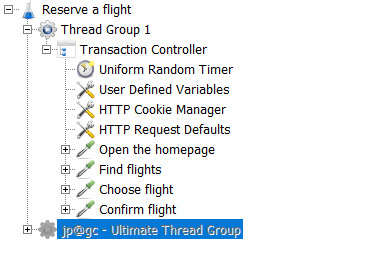
[3. Stress testing - Testy obciążeń skrajnych. 6](#_Toc144562446)

[Test case 1 – steady increase traffic on the website. 6](#_Toc144562447)

[4. Spike testing 7](#_Toc144562448)

[Test case 1 – sudden increase and decrease number of users. 7](#_Toc144562449)

# Book a fllight scenario:



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

## Load testing – testy obciążenia(objętości).

### Test case 1

**Thread group:** 50

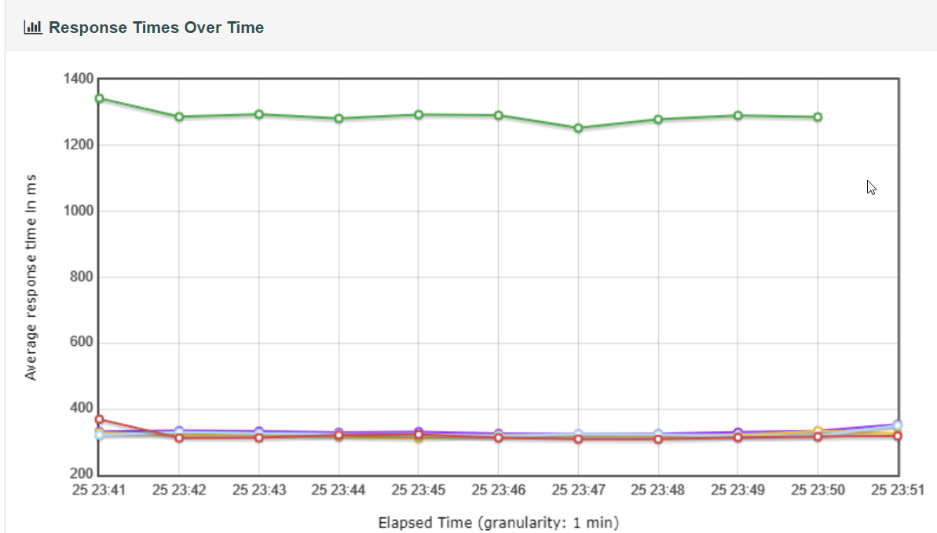
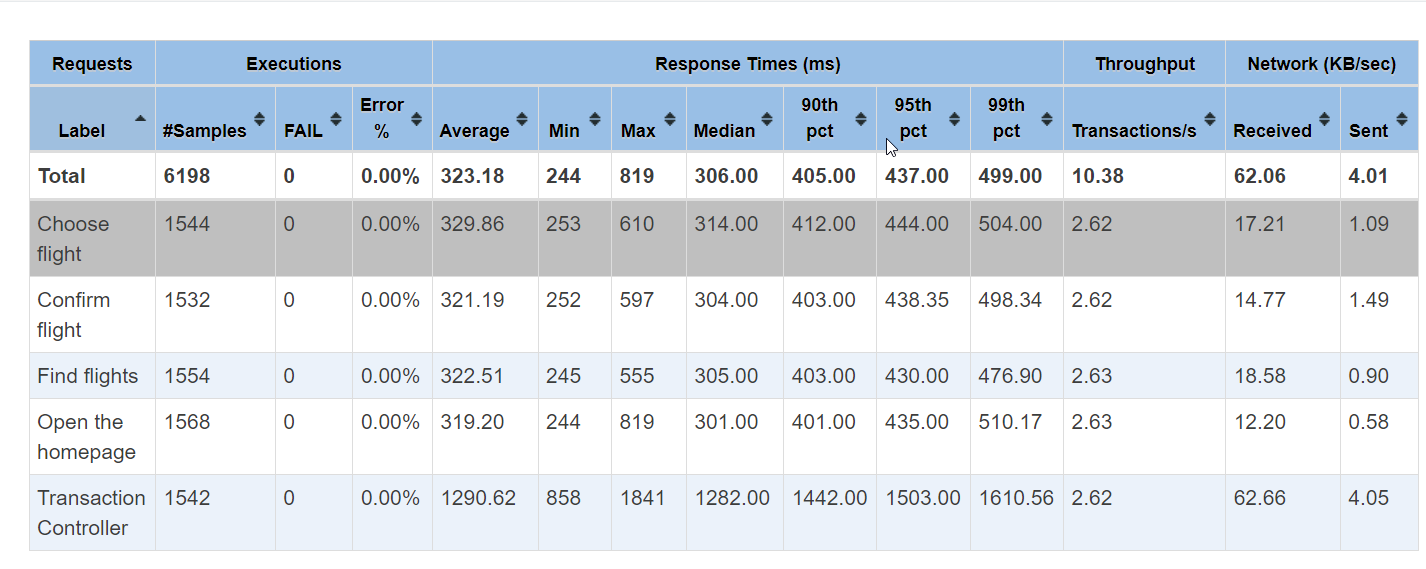
**Duration**: 600 seconds = 10 minutes

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

**Loop count:** infinite

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

**Results:**



### Test case 2

**Thread group:** 100

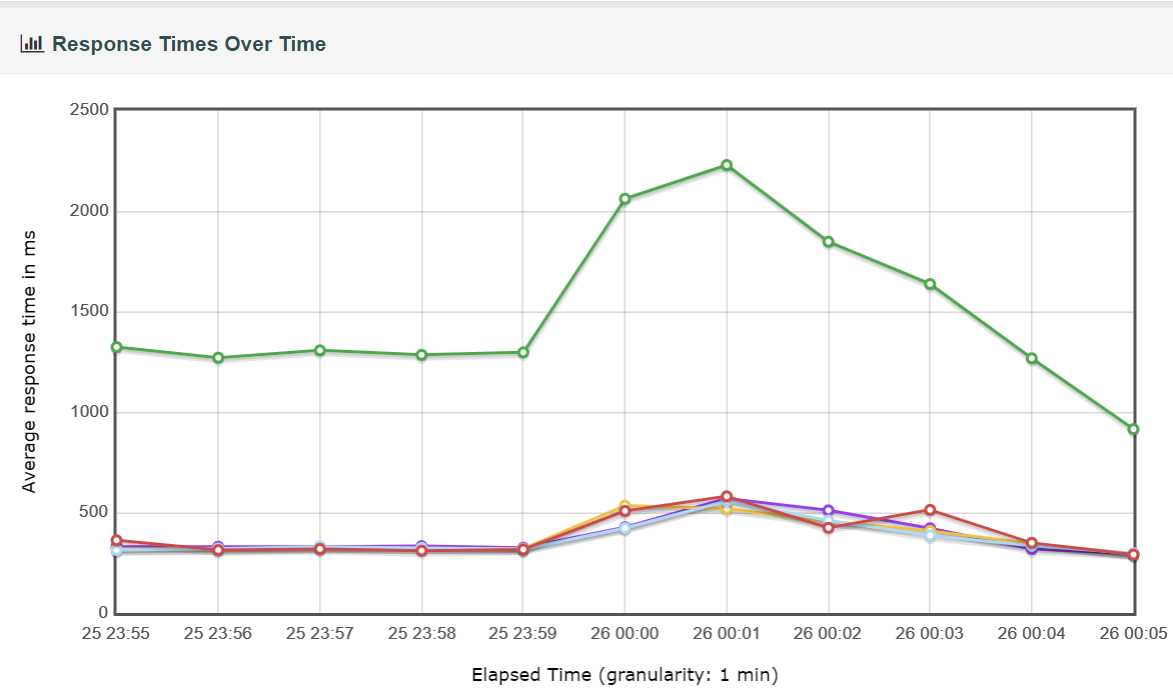
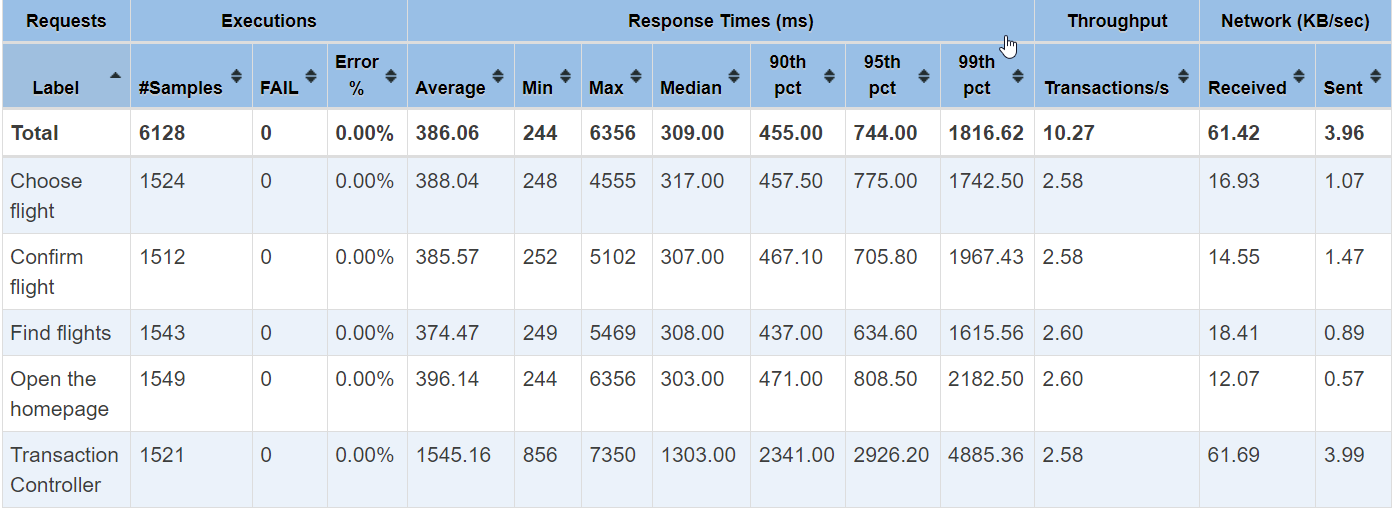
**Duration**: 600 seconds = 10 minutes

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

**Loop count:** infinite

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

**Results:**



## Soak testing – testy namaczania.

### Test case 1 – 50 users, 1 hour

**Thread group:** 50

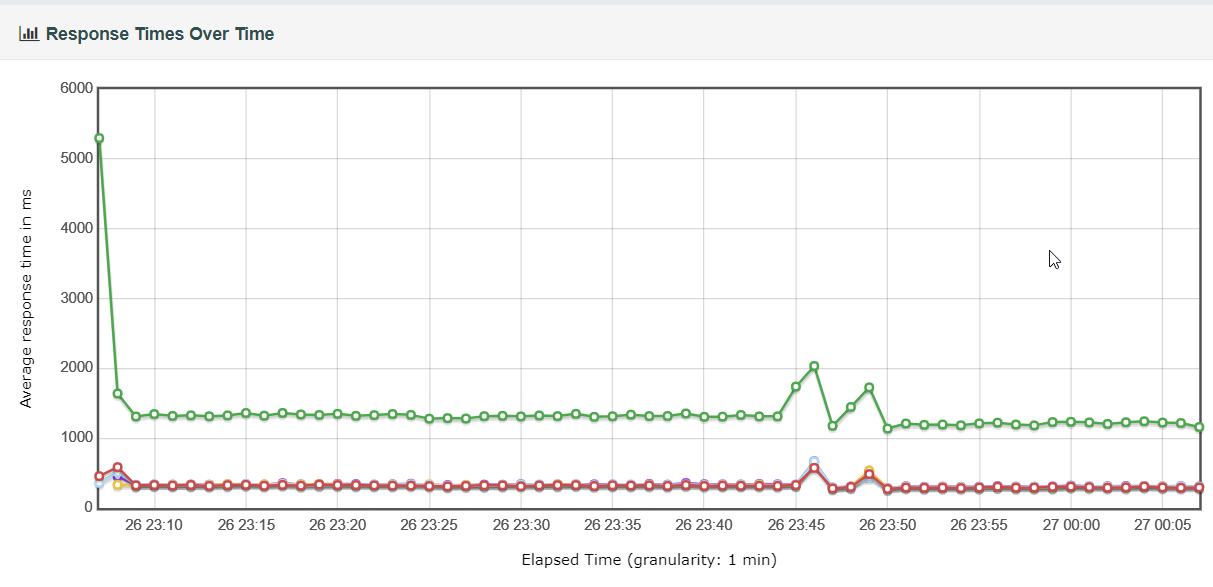
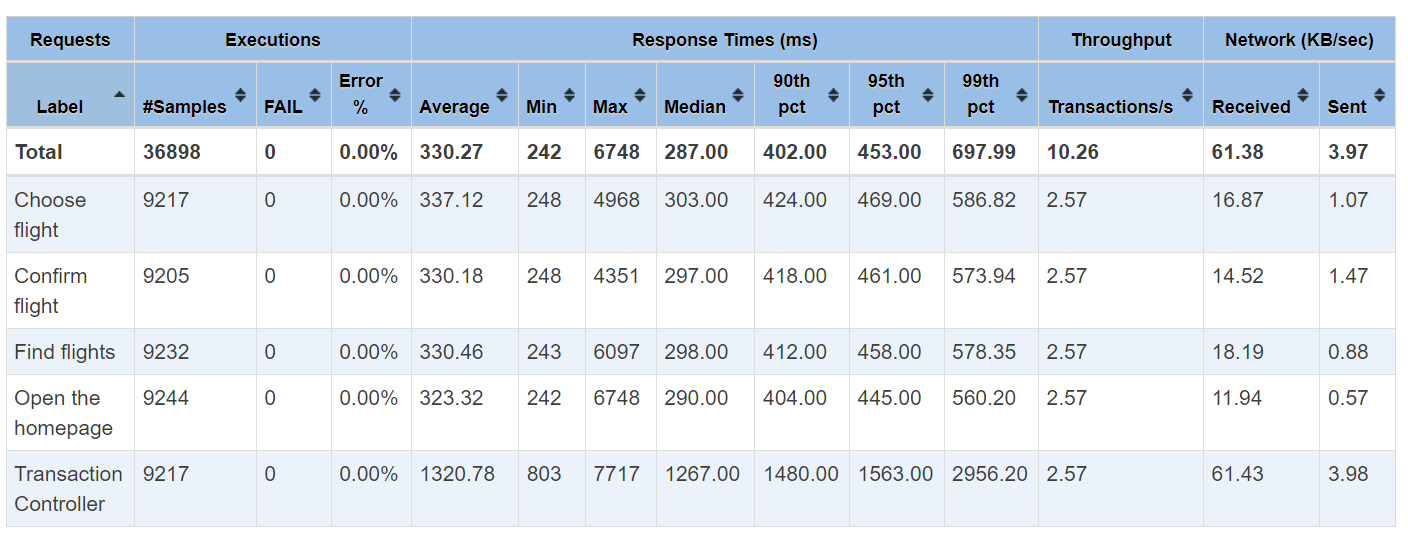
**Duration**: 1 hour.

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

**Loop count:** infinite

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

**Results:**



### Test case 2 – 100 users, 1 hour

**Thread group:** 100

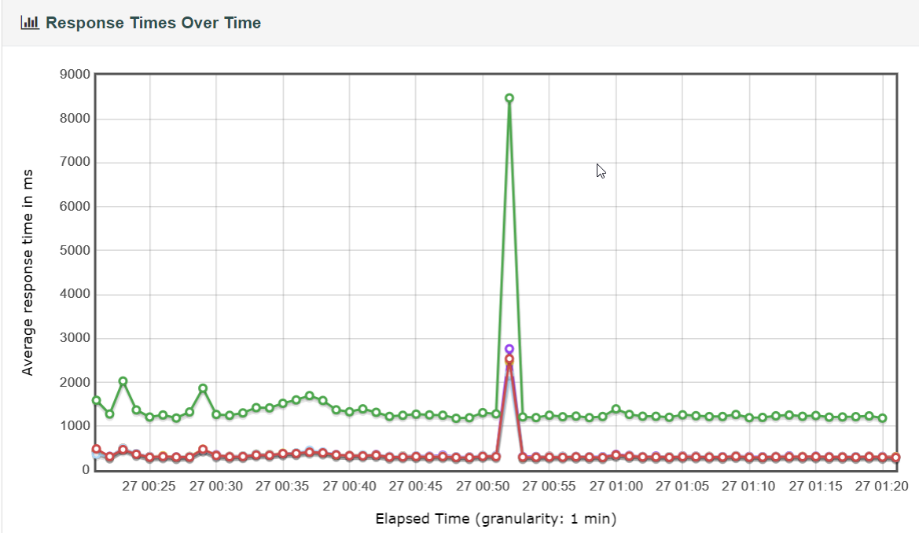
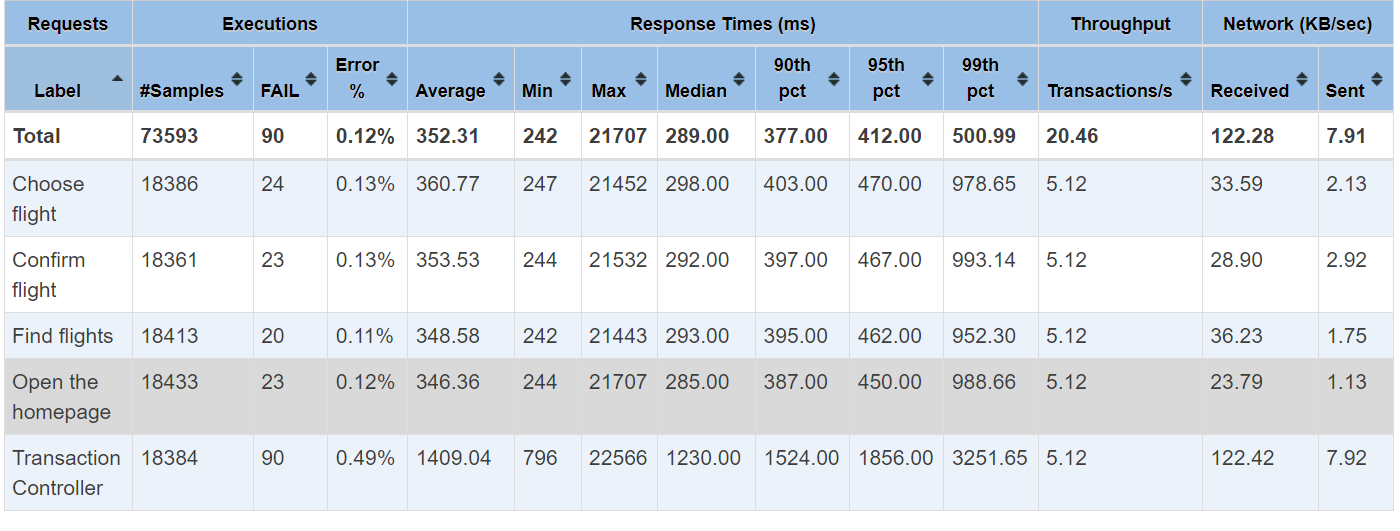
**Duration**: 1 hour.

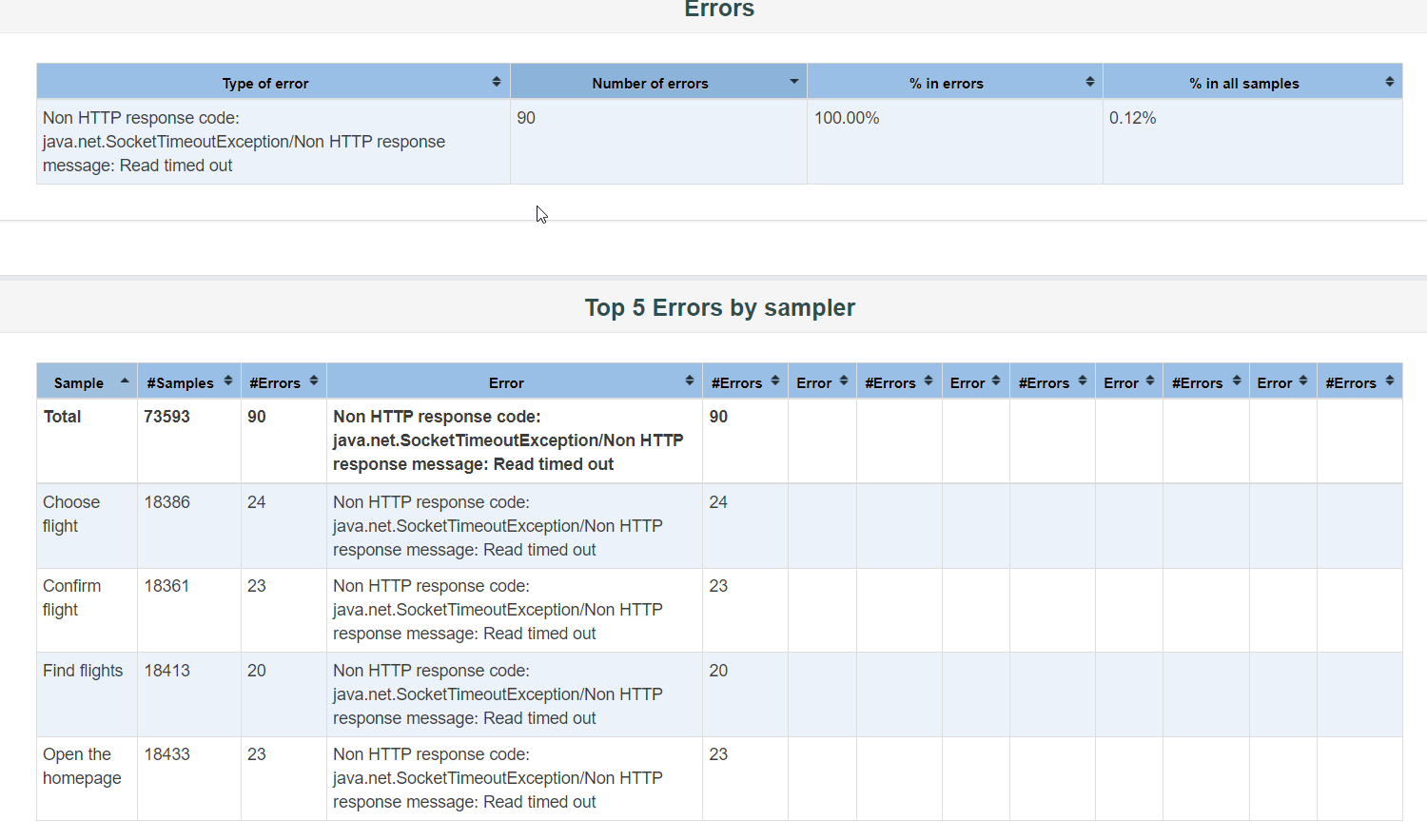
**Ramp up-period**: 60 seconds.

**Loop count:** infinite

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

**Results:**

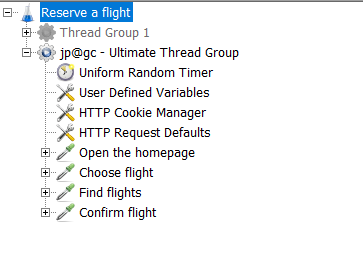




## Stress testing - Testy obciążeń skrajnych.

Requirements:

* Install **ultimate thread group**



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

**Thread group:** 0-100

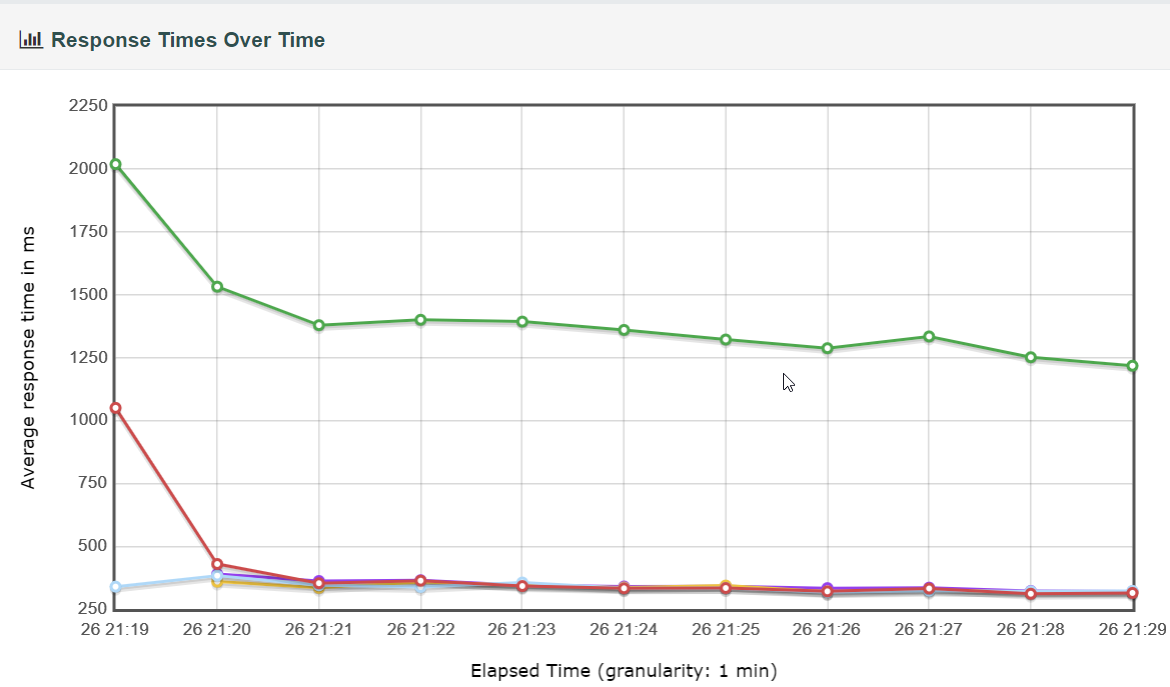
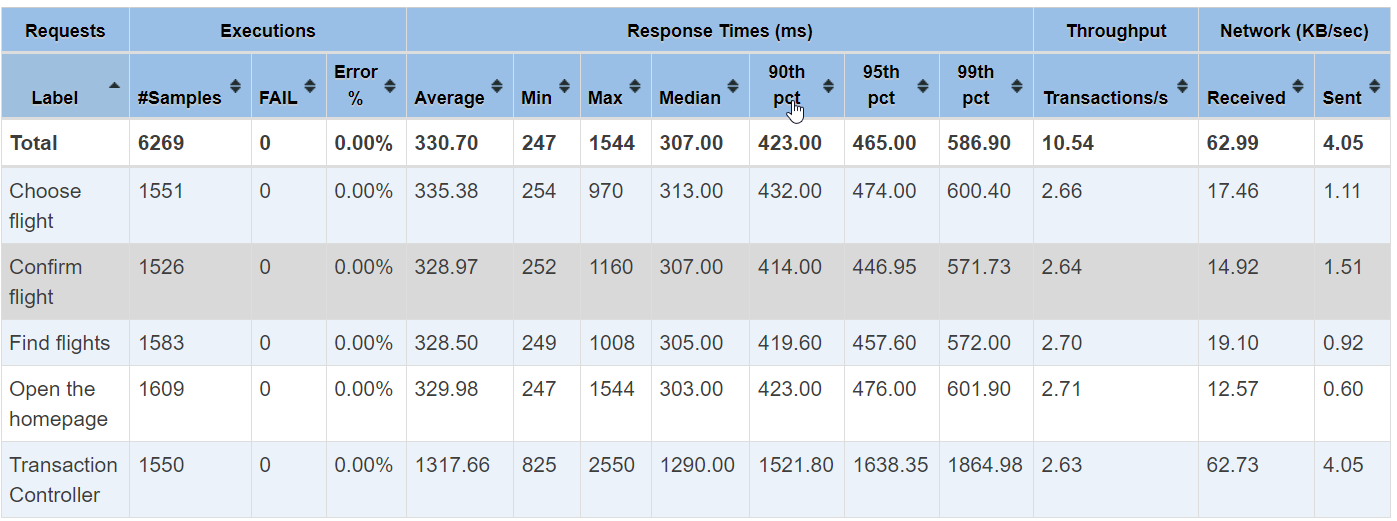
**Duration**: 600s.

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

**Loop count:** infinite

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

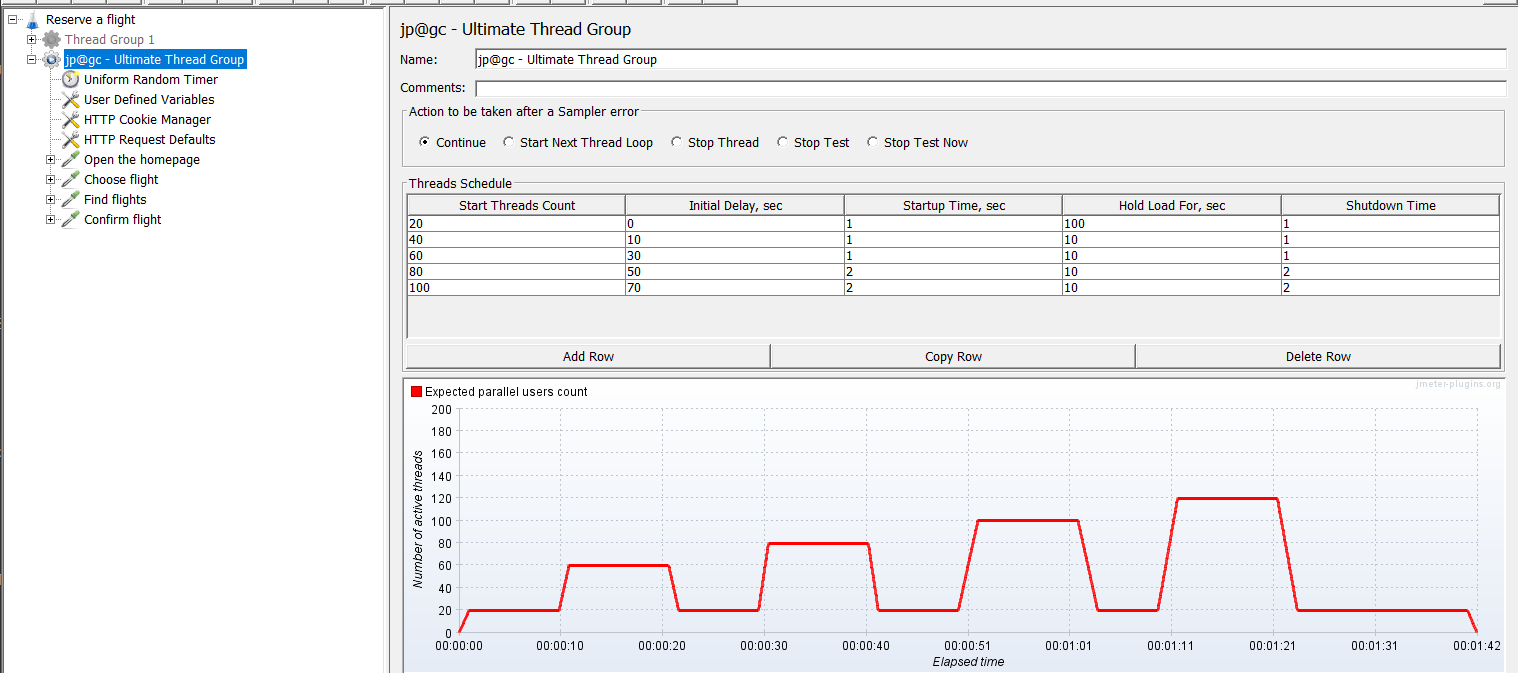
**Results:**



## Spike testing

### Test case 1 – sudden increase and decrease number of users.

**Thread group:** 20-120



**Duration**: around 120s.

**Ramp up-period**: none.

**Loop count:** infinite

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

**Results:**

