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

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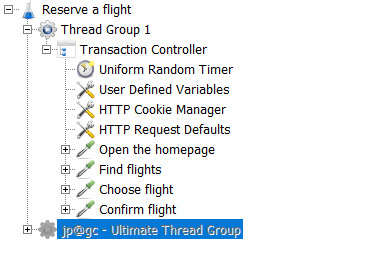
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# Book a fllight scenario:



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

## Load testing – testy obciążenia(objętości).

### Test case 1 – 50 threads

**Thread group:** 50

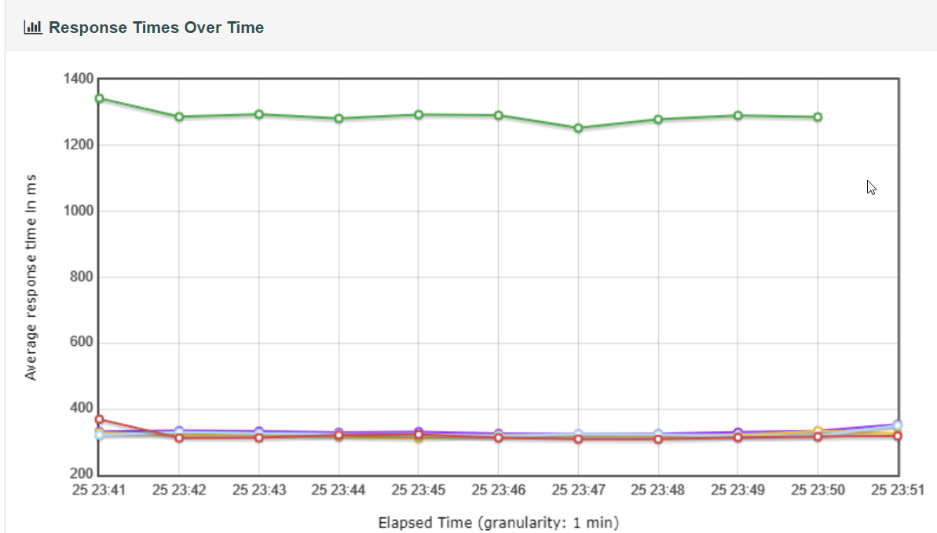
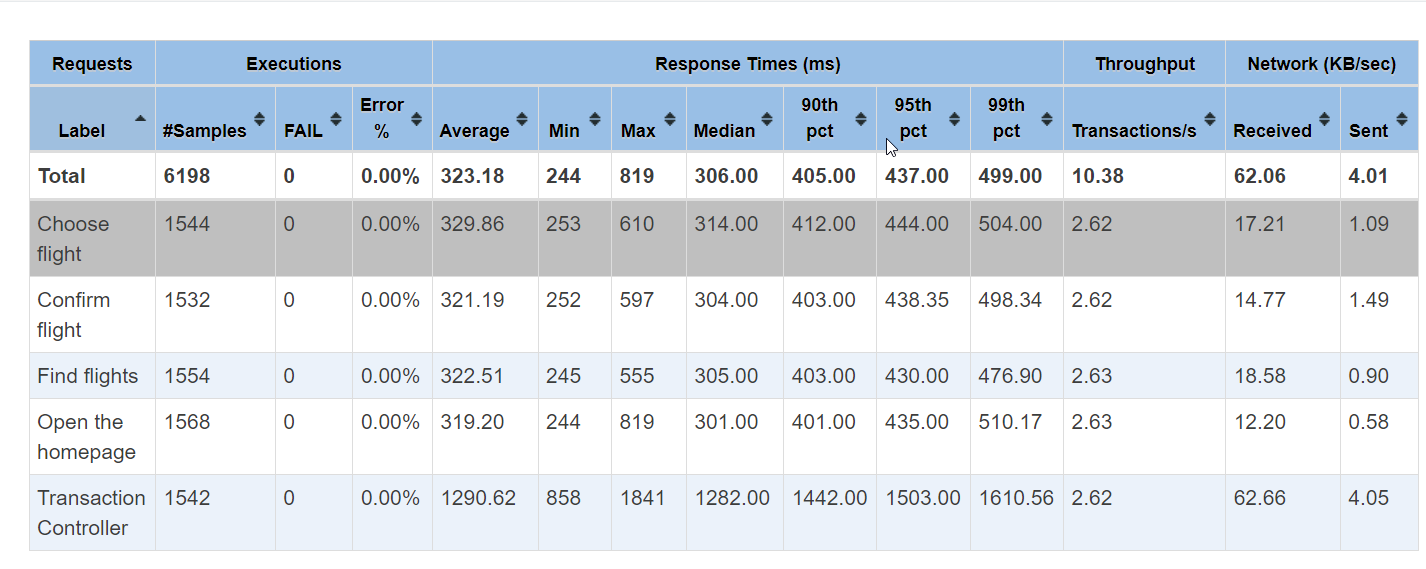
**Duration**: 600 seconds = 10 minutes

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

**Loop count:** infinite

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

**Results:**



### Test case 2 – 100 threads

**Thread group:** 100

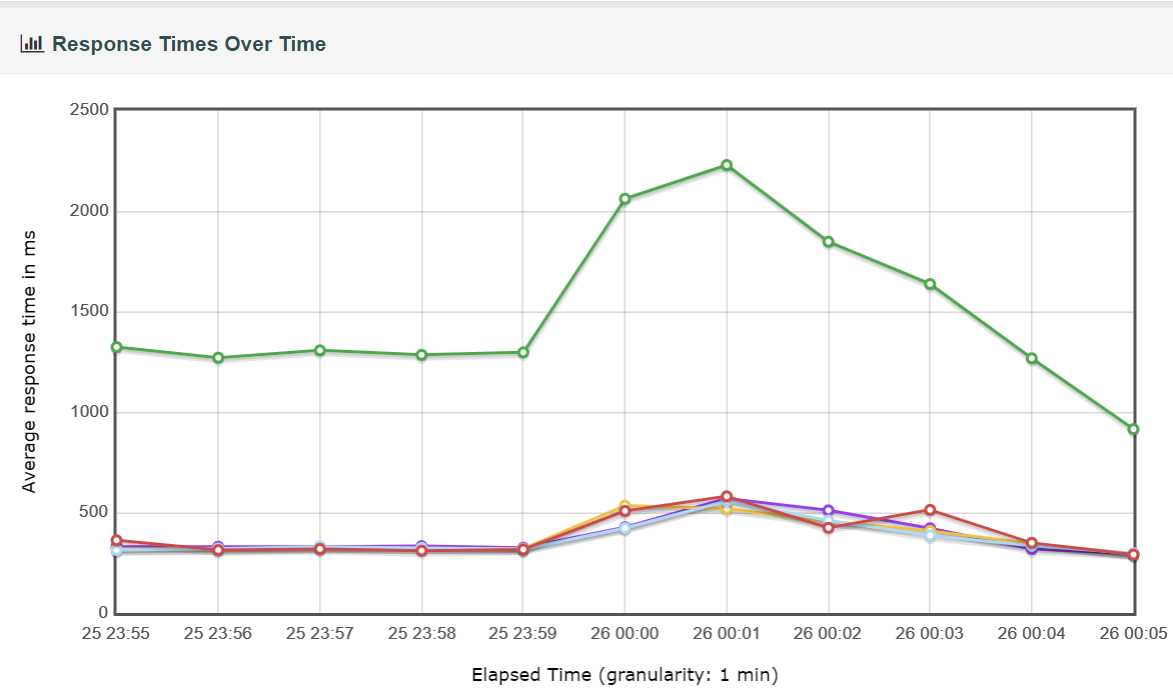
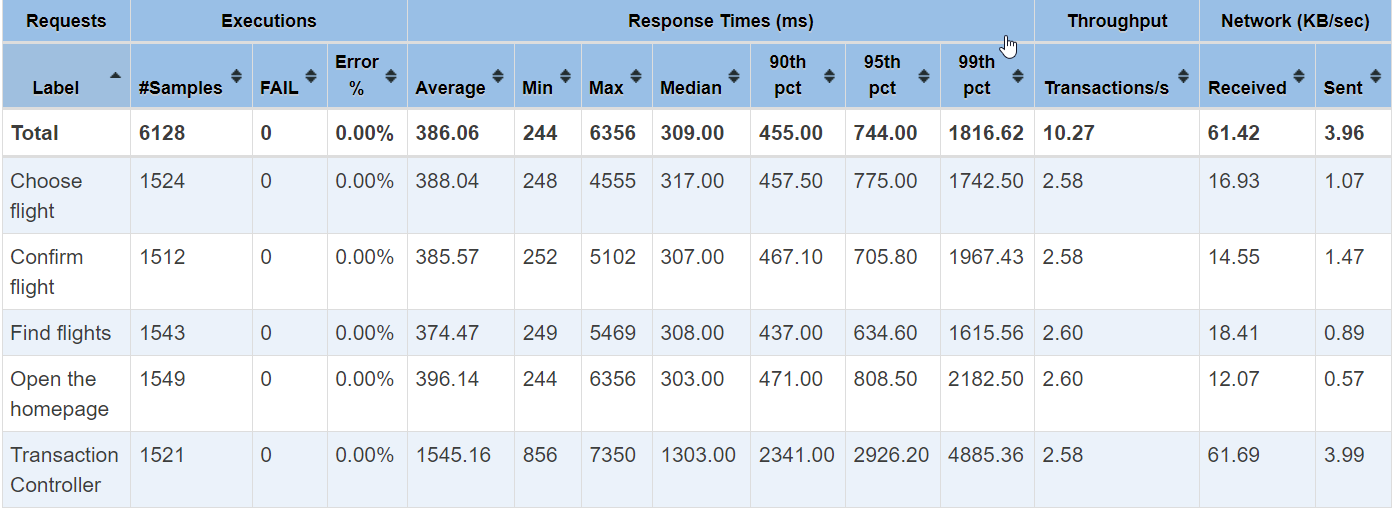
**Duration**: 600 seconds = 10 minutes

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

**Loop count:** infinite

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

**Results:**



### Test case 3 – 200 threads

**Thread group:** 200

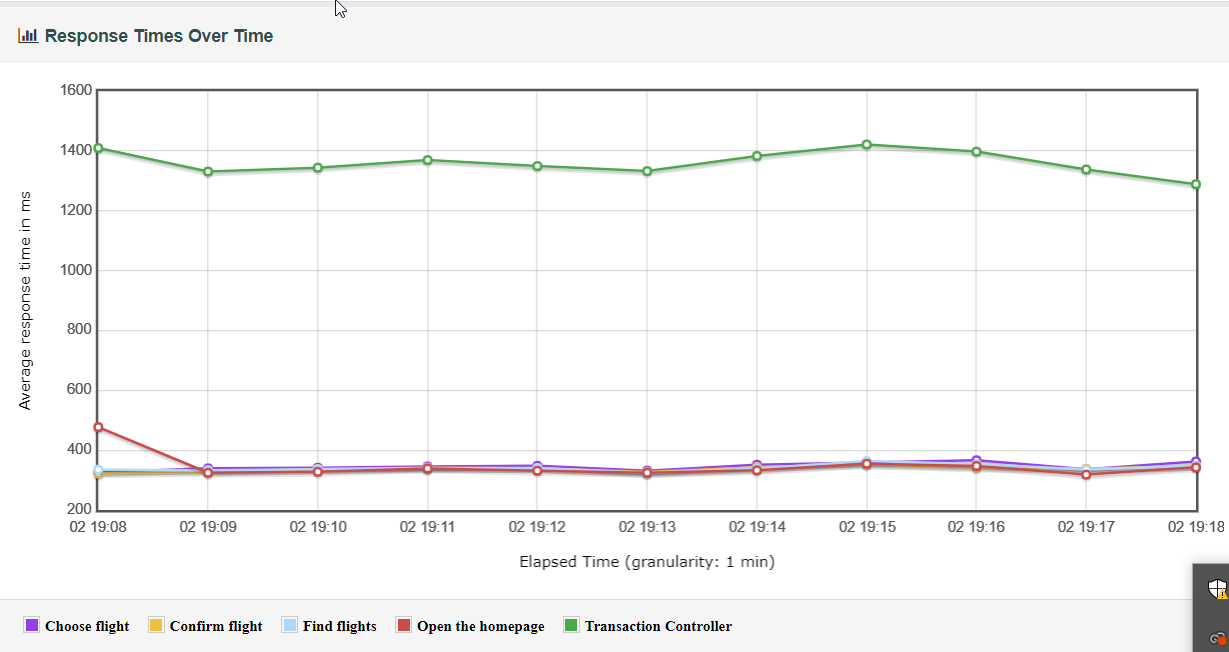
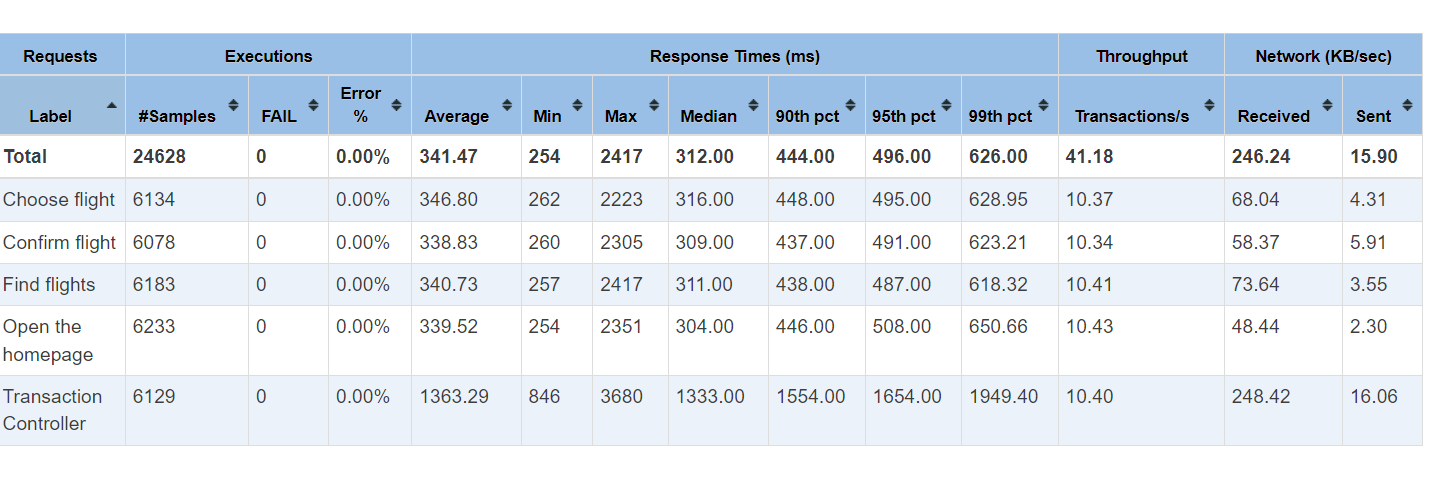
**Duration**: 600 seconds = 10 minutes

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

**Loop count:** infinite

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

**Results:**



## Soak testing – testy namaczania.

### Test case 1 – 50 threads, 1 hour

**Thread group:** 50

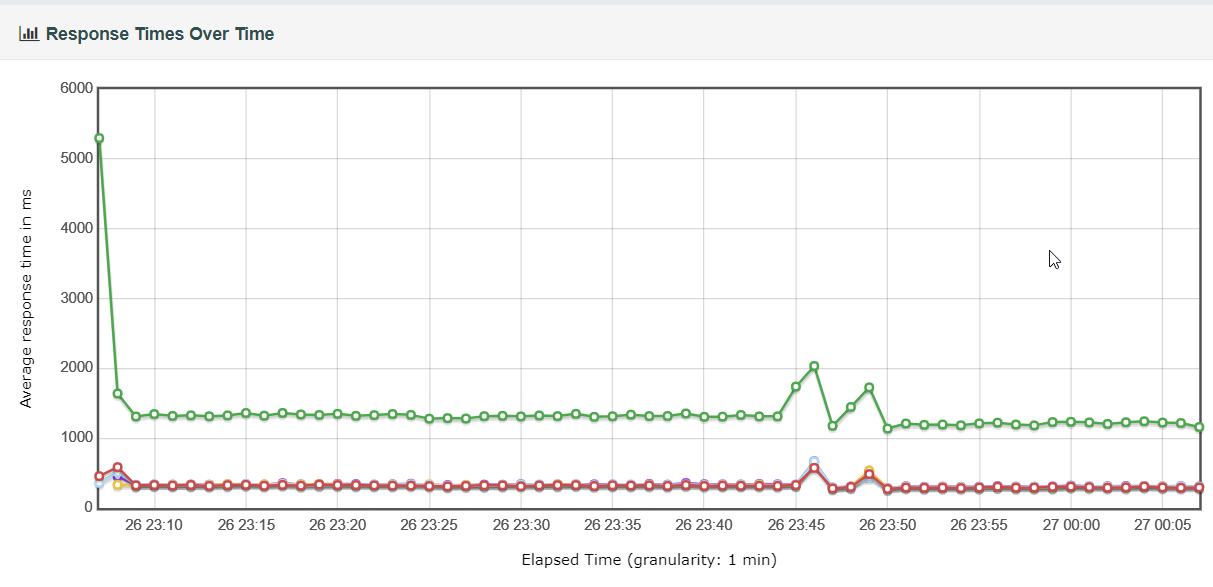
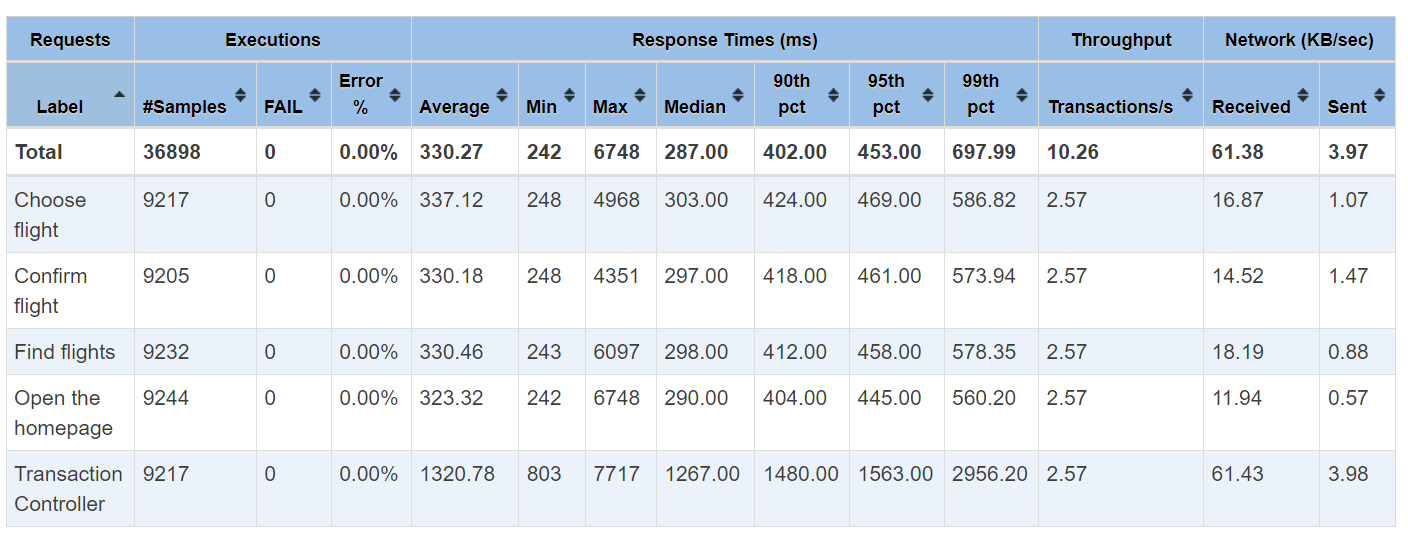
**Duration**: 1 hour.

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

**Loop count:** infinite

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

**Results:**



### Test case 2 – 100 threads, 1 hour

**Thread group:** 100

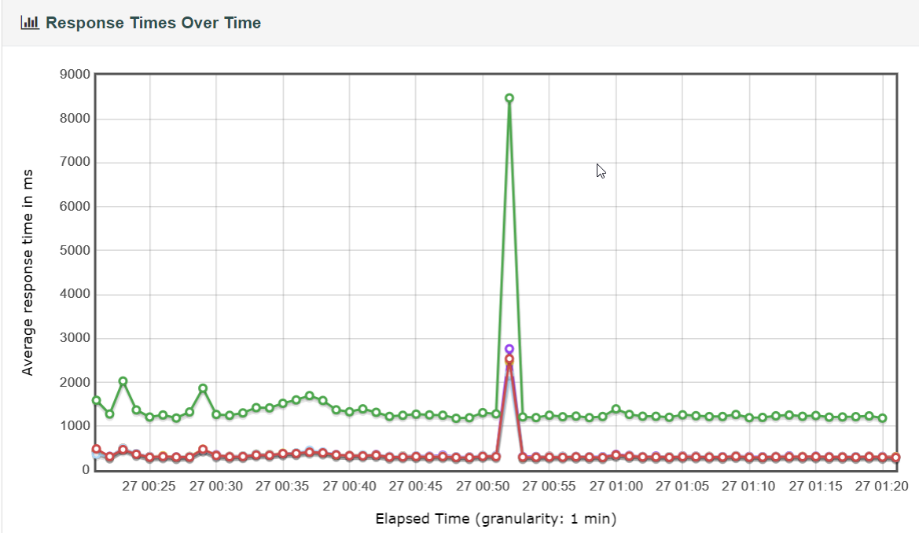
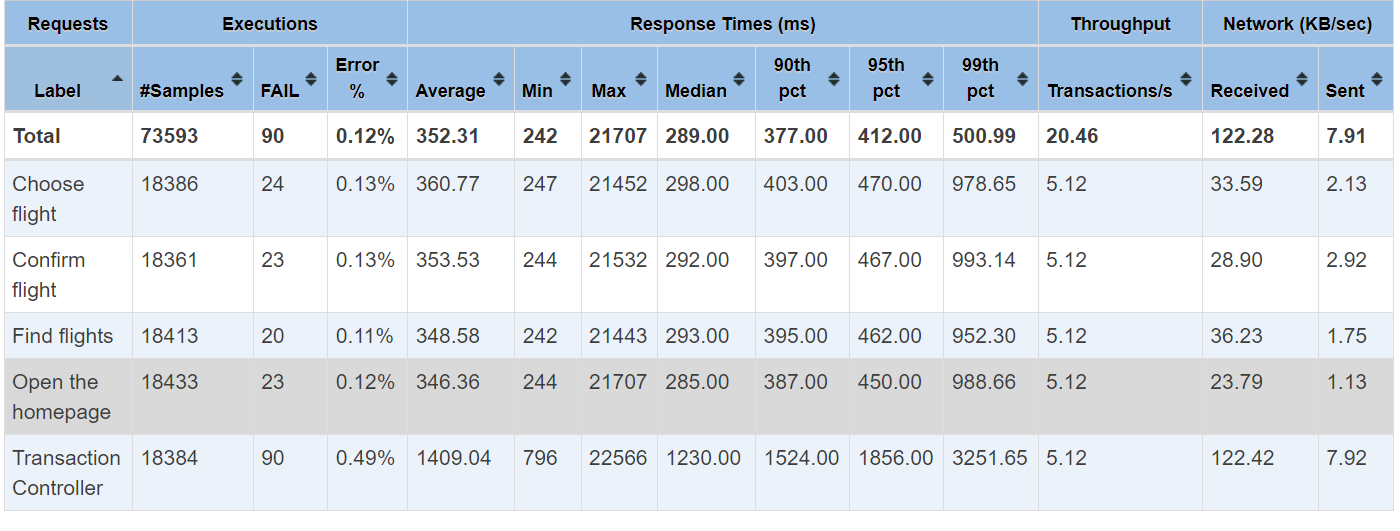
**Duration**: 1 hour.

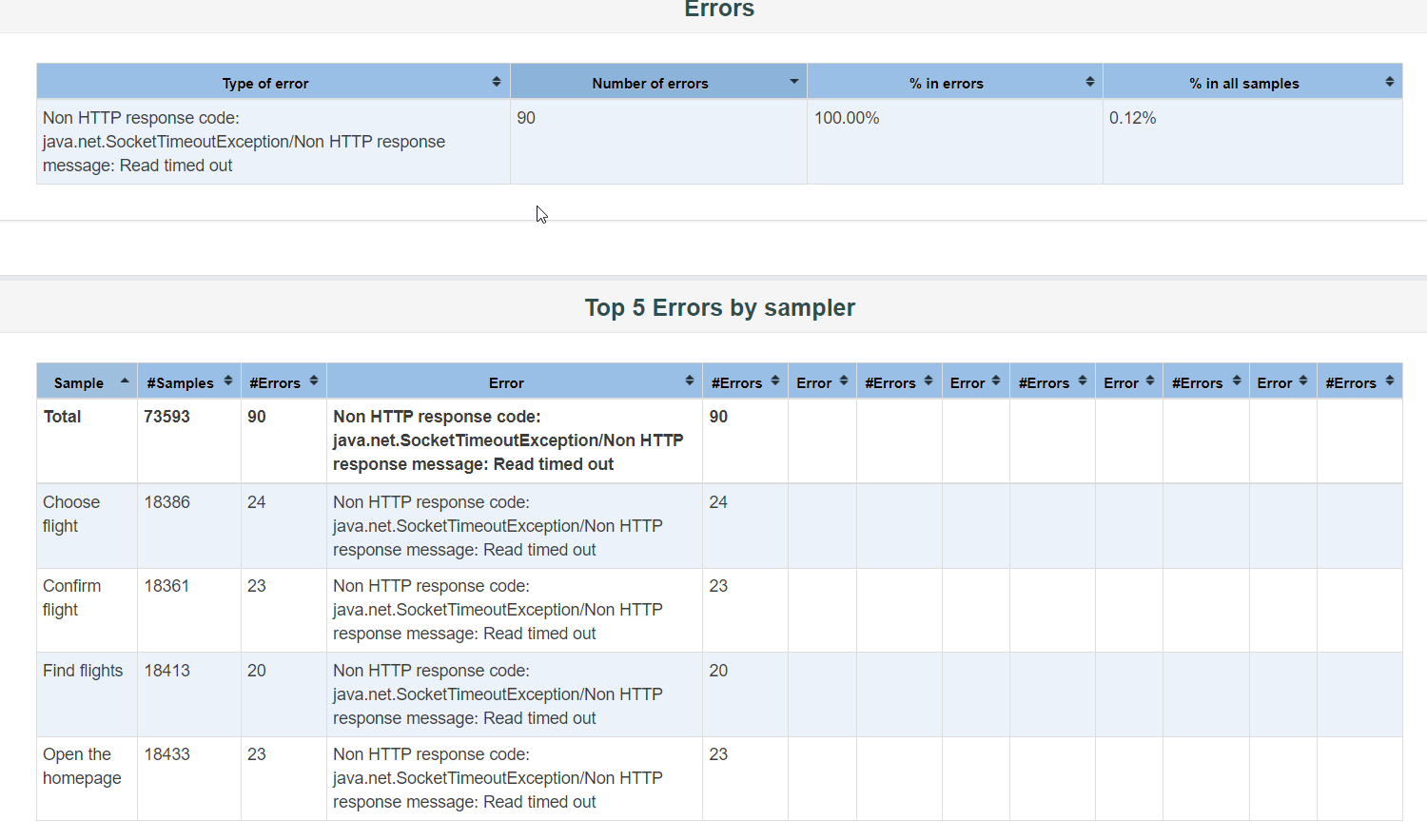
**Ramp up-period**: 60 seconds.

**Loop count:** infinite

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

**Results:**

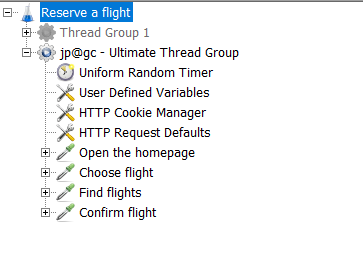




## Stress testing - Testy obciążeń skrajnych.

Requirements:

* Install **ultimate thread group**



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

**Thread group:** 0-100

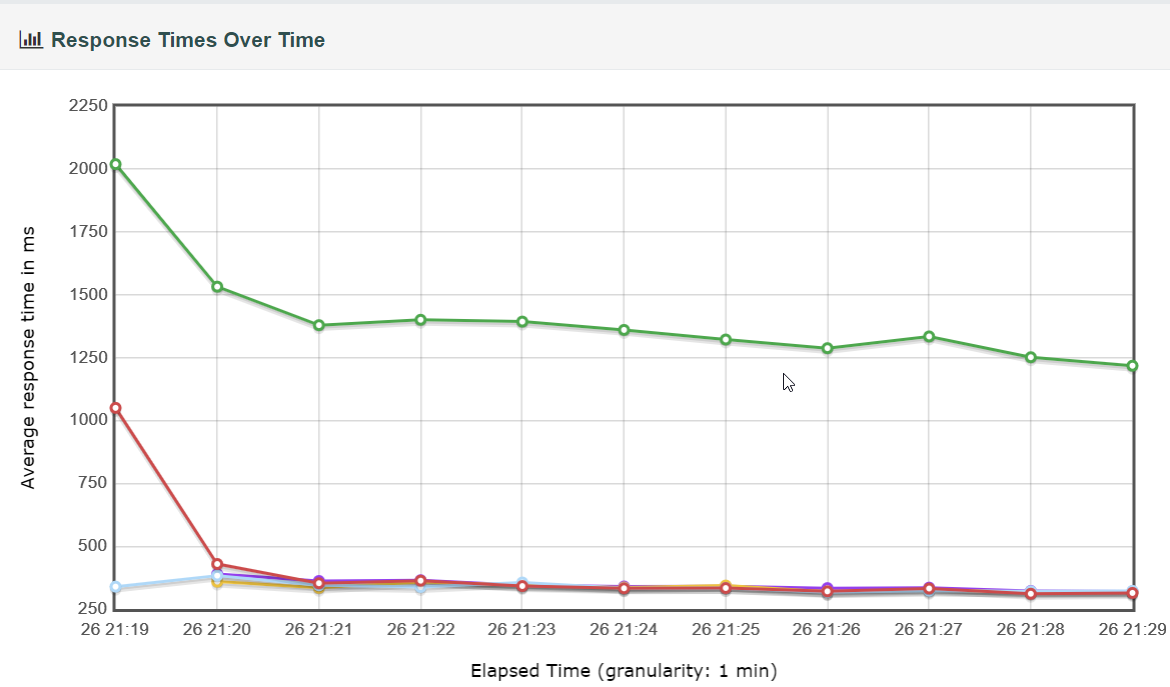
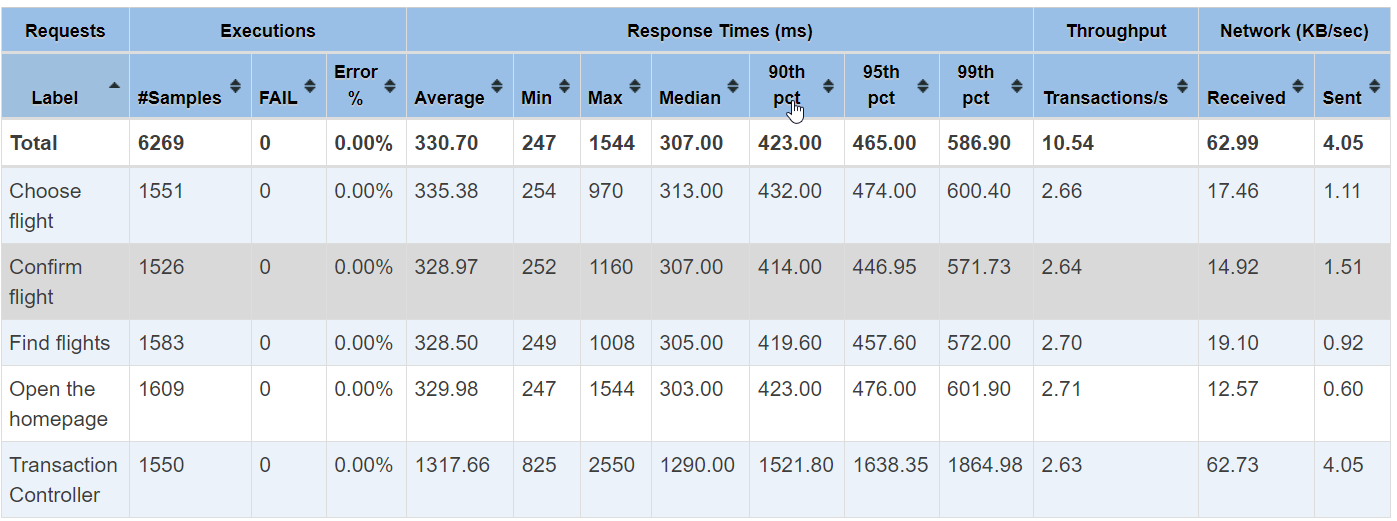
**Duration**: 600s.

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

**Loop count:** infinite

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

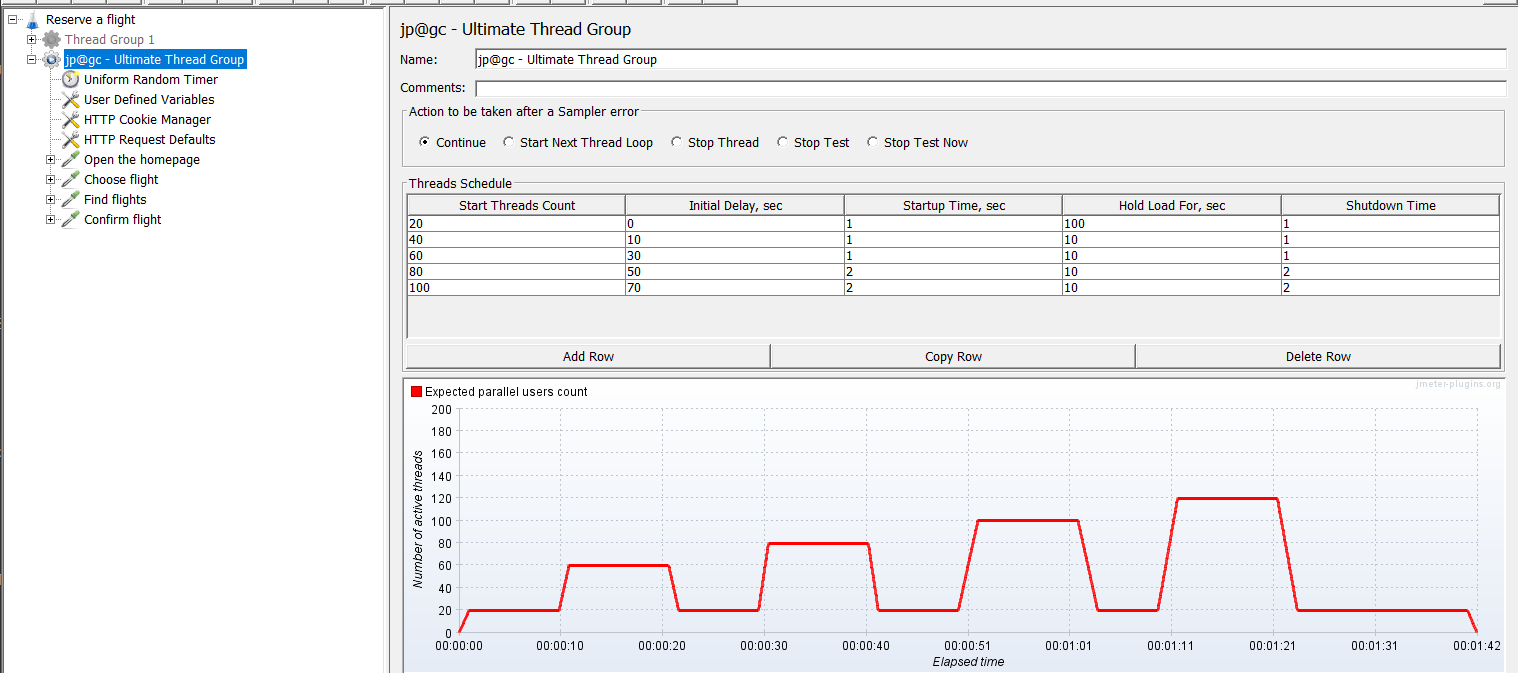
**Results:**



## 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:**

