Gatling   Documentation   Try Gatling Enterprise   ☀

RecordedSimulation

Global   Details

Load Test Performance Analysis
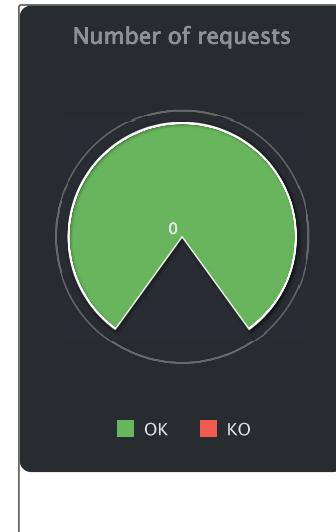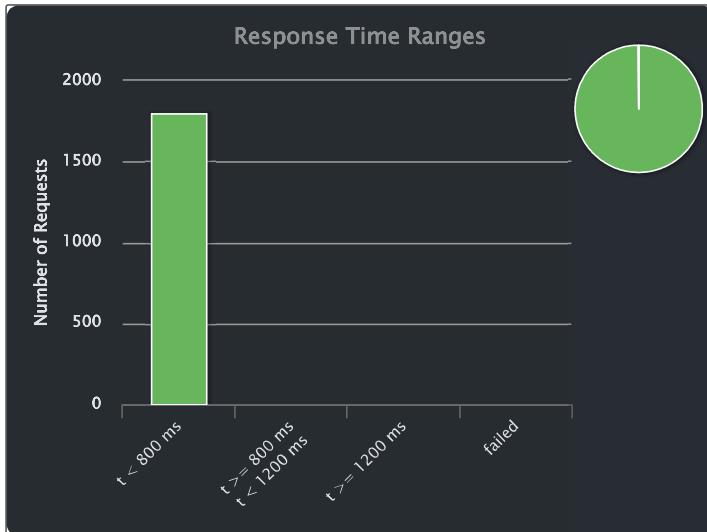
This **Load** test ran a steady workload for 3 minutes to validate that the application can handle normal expected traffic with consistent performance.

The run completed successfully with **0 failed requests** (1800/1800 OK) at an average throughput of ~**9.945 requests/sec**, confirming stable availability under load.

Response times remained low and predictable (p95 ≈ **5 ms**, p99 ≈ **7 ms**, max ≈ **13 ms**), indicating no meaningful queueing or resource contention.

The charts look smooth because the system stayed within its capacity: throughput was steady and latency stayed flat without spikes or error bursts.

This suggests the Tomcat/OS resources (threads, connection backlog, CPU) had sufficient headroom at this load level, so requests were processed normally without timeouts or refused connections.

Response Time Ranges

Number of requests

■ OK   ■ KO
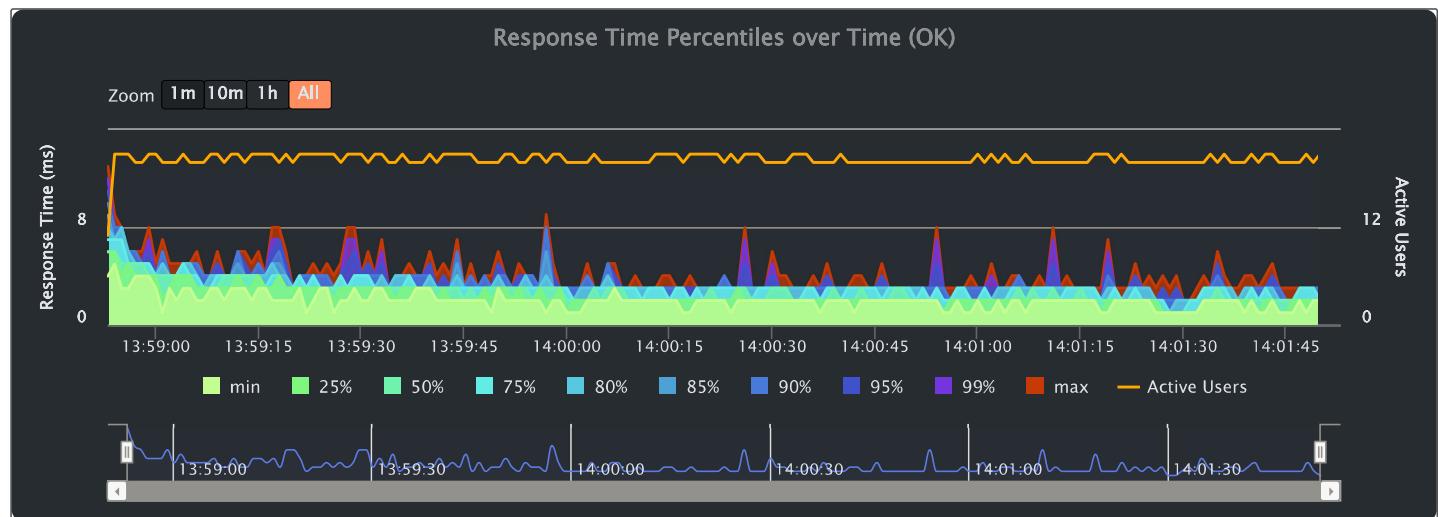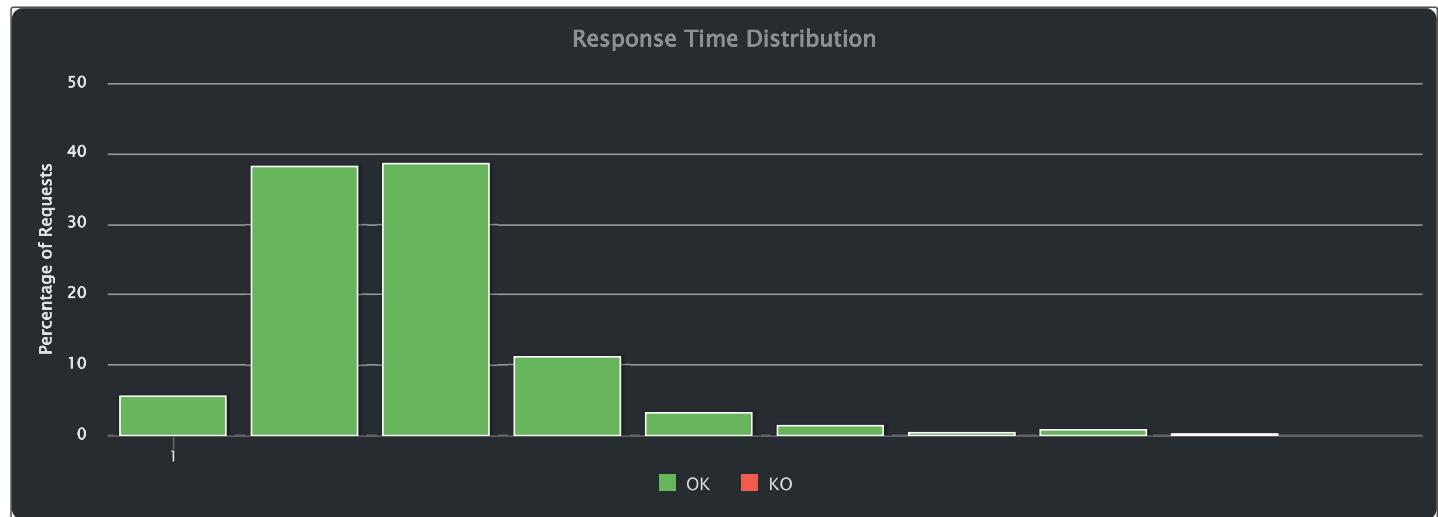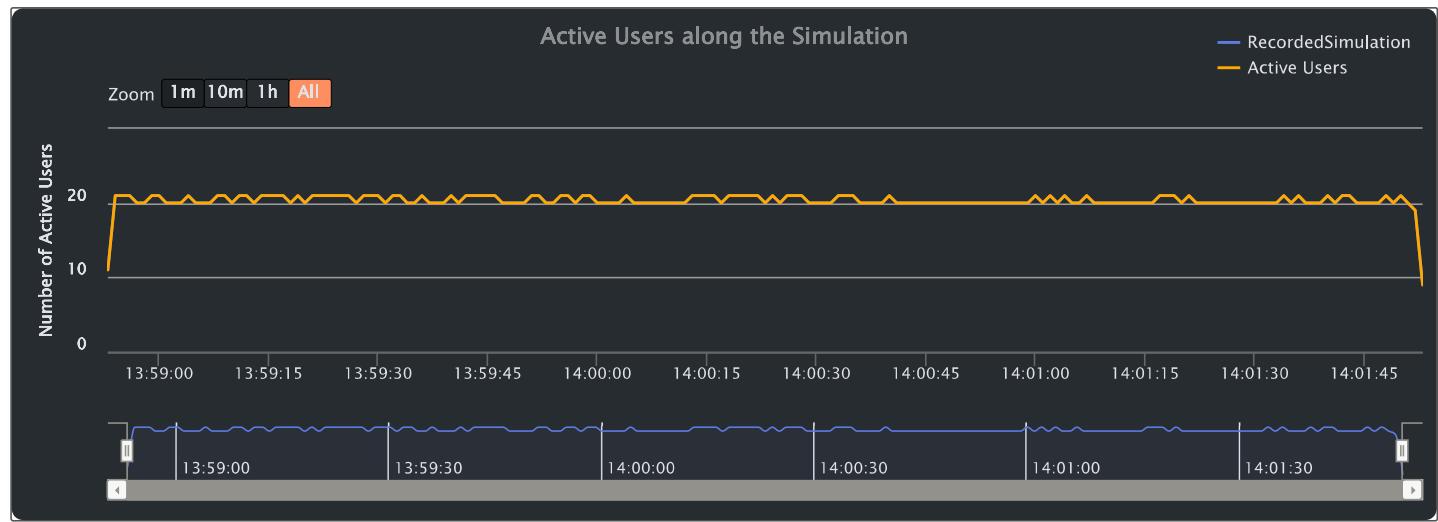
Gatling Version

Version: 3.10.4

Released: 2024-02-19
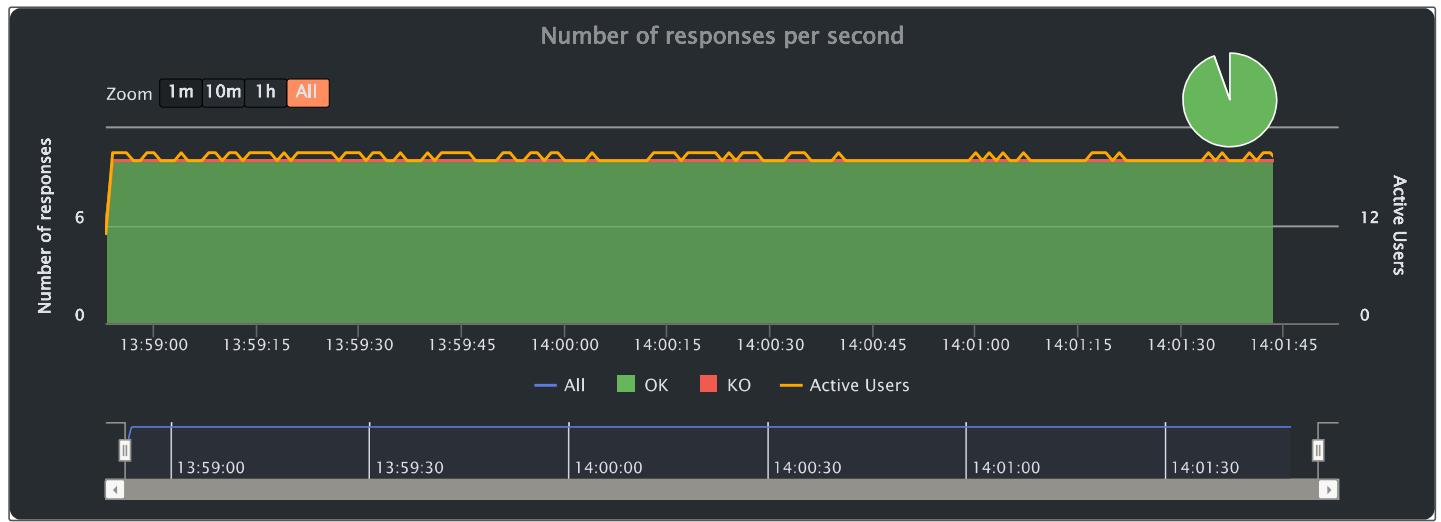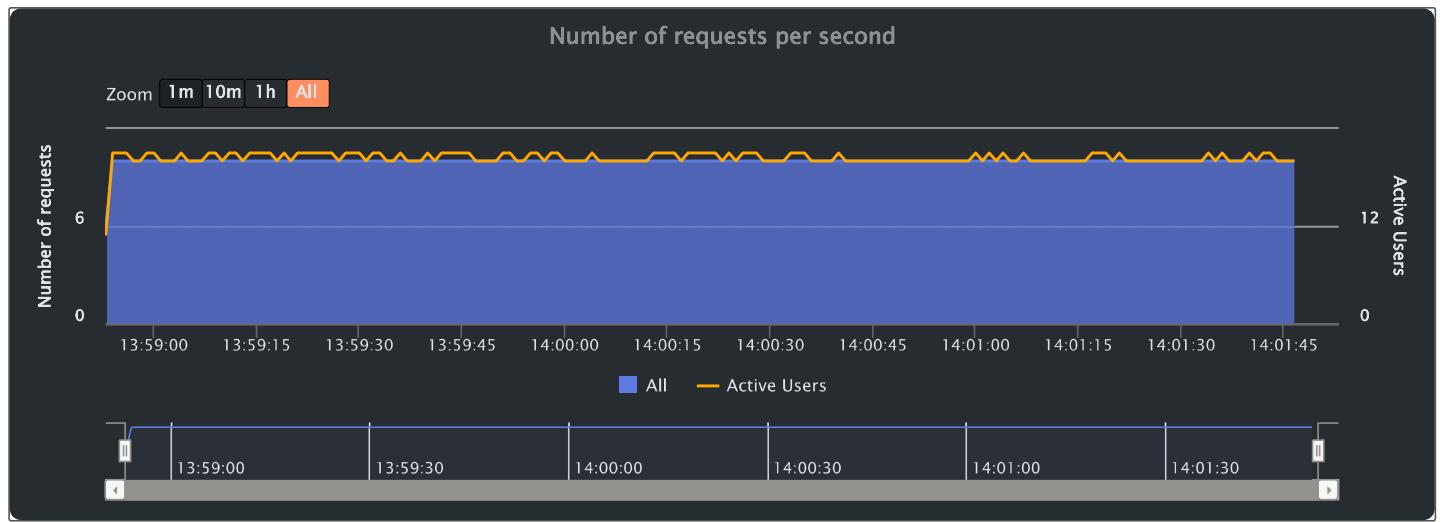
Run Information

Date: 2026-01-20 11:58:52 GMT

Duration: 3m 0s

Description:

Load test

Assertions

Assertion ■	Status ■
Global: percentage of failed events is less than 1.0	OK
Global: 95th percentile of response time is less than 2000.0	OK

Expand all groups   Collapse all groups   ⛶

Requests ■	Executions					Response Time (ms)							
	Total ■	OK ■	KO ■	% KO ■	Cnt/s ■	Min ■	50th pct ■	75th pct ■	95th pct ■	99th pct ■	Max ■	Mean ■	Std Dev ■
All Requests	1800	1800	0	0%	9.945	1	3	3	5	7	13	3	1
request_0	1800	1800	0	0%	9.945	1	3	3	5	7	13	3	1

Active Users along the Simulation

Zoom [1m] [10m] [1h] [All]

— RecordedSimulation
— Active Users

Number of Active Users

20

10

0

13:59:00 13:59:15 13:59:30 13:59:45 14:00:00 14:00:15 14:00:30 14:00:45 14:01:00 14:01:15 14:01:30 14:01:45

13:59:00 13:59:30 14:00:00 14:00:30 14:01:00 14:01:30

Response Time Distribution

Percentage of Requests

50

40

30

20

10

0

1

■ OK   ■ KO

Response Time Percentiles over Time (OK)

Zoom [1m] [10m] [1h] [All]

Response Time (ms)

8

0

Active Users

12

0

13:59:00 13:59:15 13:59:30 13:59:45 14:00:00 14:00:15 14:00:30 14:00:45 14:01:00 14:01:15 14:01:30 14:01:45

■ min ■ 25% ■ 50% ■ 75% ■ 80% ■ 85% ■ 90% ■ 95% ■ 99% ■ max — Active Users

13:59:00 13:59:30 14:00:00 14:00:30 14:01:00 14:01:30

Number of requests per second

Zoom 1m 10m 1h All

All — Active Users

Number of responses per second

Zoom 1m 10m 1h All

— All OK KO — Active Users

Documentation

Try Gatling Enterprise

RecordedSimulation

Global   **Details**

Response Time Ranges

Stats

■ Executions

	Total	OK	KO
Total count	**1800**	**1800**	**0**
Mean count/s	**9.945**	**9.945**	**-**

■ Response Time (ms)

	Total	OK	KO
Min	**1**	**1**	**-**
50th percentile	**3**	**3**	**-**
75th percentile	**3**	**3**	**-**
95th percentile	**5**	**5**	**-**
99th percentile	**7**	**7**	**-**
Max	**13**	**13**	**-**
Mean	**3**	**3**	**-**
Standard Deviation	**1**	**1**	**-**

Response Time Distribution

■ OK ■ KO

Response Time Percentiles over Time (OK)

Zoom 1m 10m 1h **All**

■ min ■ 25% ■ 50% ■ 75% ■ 80% ■ 85% ■ 90% ■ 95% ■ 99% ■ max — Active Users

Number of requests per second

Zoom 1m 10m 1h All

Number of responses per second

Zoom 1m 10m 1h All

Response Time against Global Throughput