



Recorded Stress Simulation

[Global](#)[Details](#)

Stress Test Performance Analysis

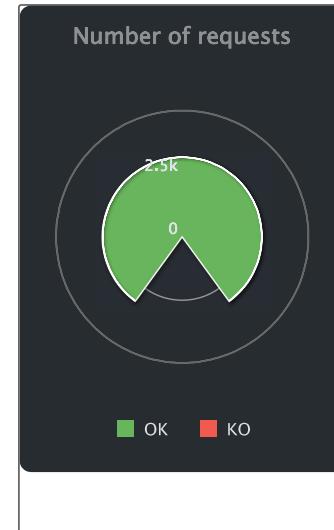
This **Stress** test applied a controlled, time-bound load (3 minutes) to validate system stability under sustained pressure.

The run completed with **0 failed requests** (3150/3150 OK) at an average throughput of **~17.4 requests/sec**, indicating the service remained available throughout the test.

Latency remained very low and stable ($p95 \approx 6 \text{ ms}$, $\text{max} \approx 40 \text{ ms}$), with **100%** of responses under 800 ms, which suggests no queue buildup or thread contention.

The graphs look "clean" because the system did **not** reach saturation during this run—there was enough headroom in Tomcat threads, CPU, and network capacity for the applied load.

In other words, this stress profile stayed below the platform's hard limits (connections/threads/backlog), so we did not observe timeouts or refused connections; to "break" the system we would need a steeper ramp or higher peak load.



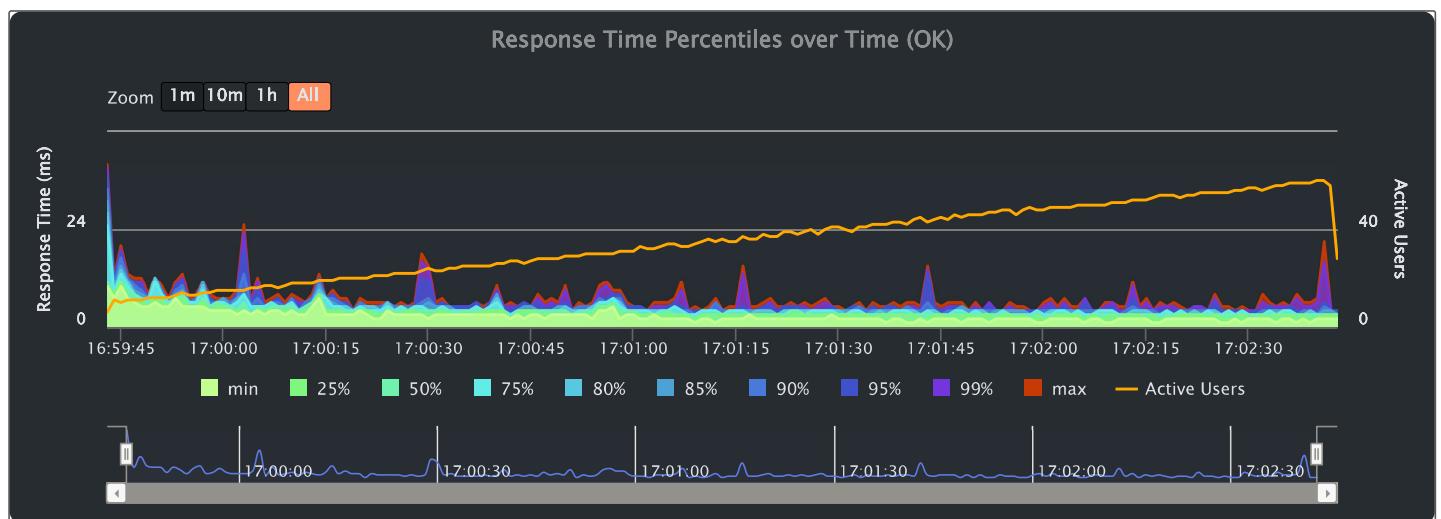
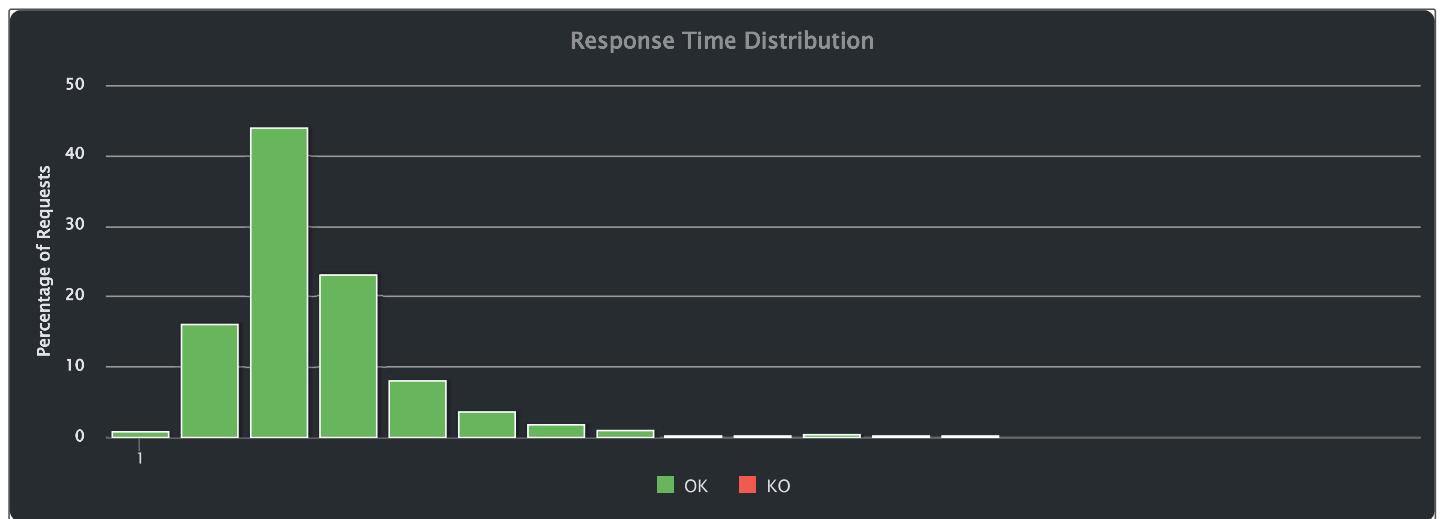
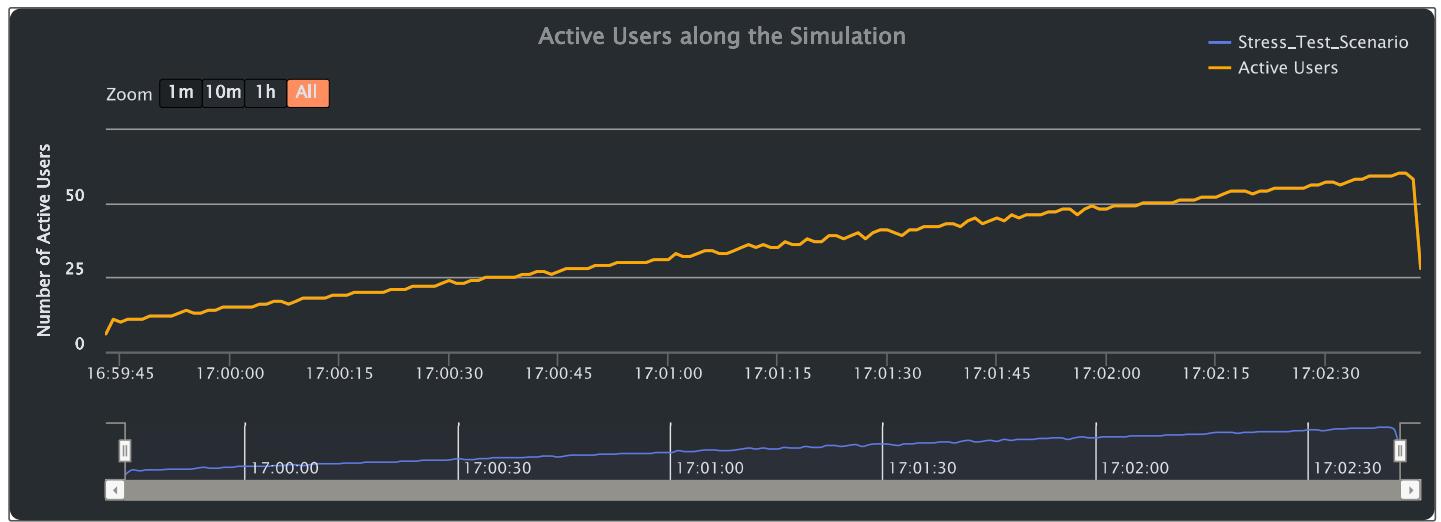
Gatling Version
Version: 3.10.4
Released: 2024-02-19

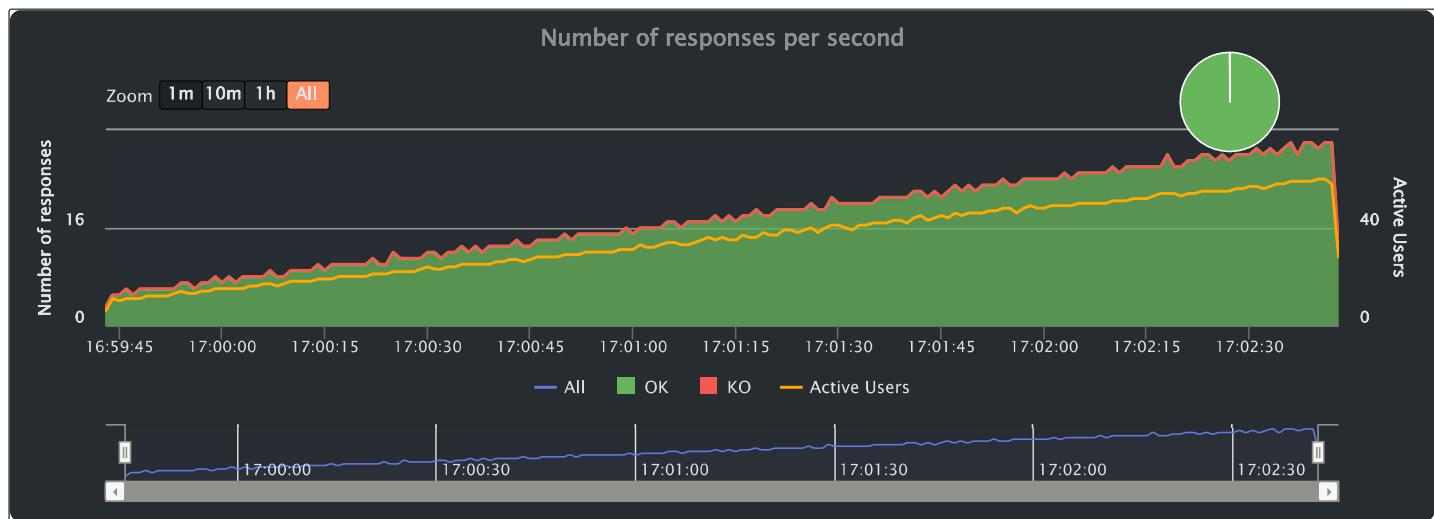
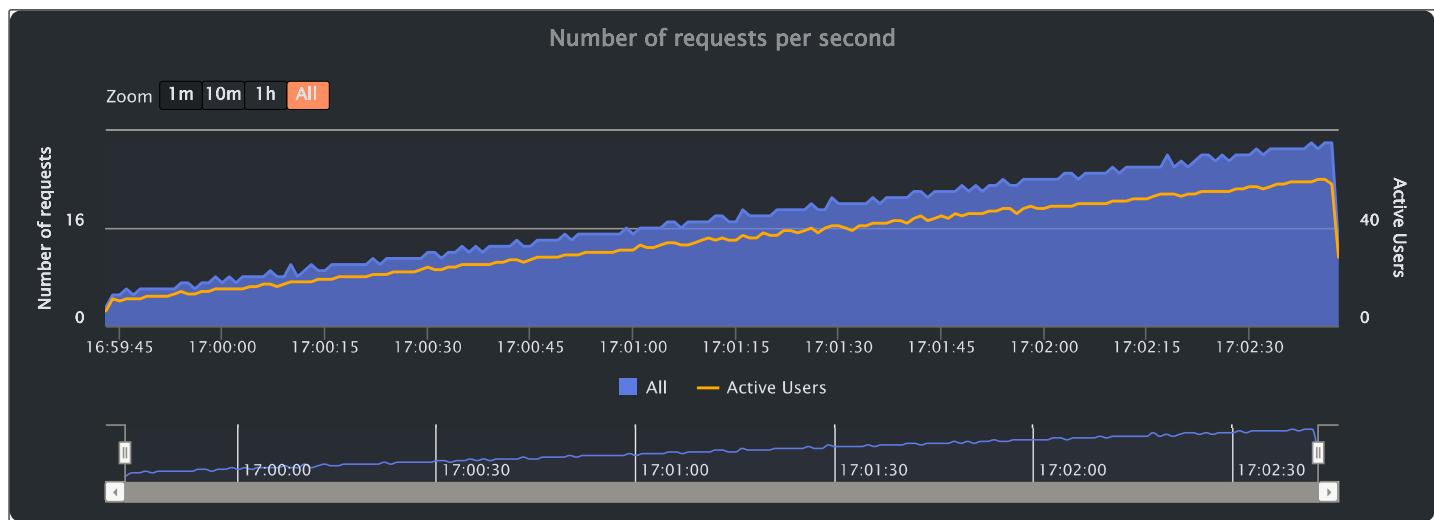
Run Information
Date: 2026-01-20 14:59:42 GMT
Duration: 3m 0s
Description: —

Assertions	
Assertion	Status
Global: percentage of failed events is less than 5.0	OK
Global: 95th percentile of response time is less than 5000.0	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	3150	3150	0	0%	17.403	1	3	4	6	10	40	4	2
request_0	3150	3150	0	0%	17.403	1	3	4	6	10	40	4	2





RecordedStressSimulation

Global

Details



Stats			
■ Executions			
	Total	OK	KO
Total count	3150	3150	0
Mean count/s	17.403	17.403	-
■ Response Time (ms)			
	Total	OK	KO
Min	1	1	-
50th percentile	3	3	-
75th percentile	4	4	-
95th percentile	6	6	-
99th percentile	10	10	-
Max	40	40	-
Mean	4	4	-
Standard Deviation	2	2	-

