Load Test Results for LoadUI Test Case 1 LoadTest

Test properties

Project name	Project 1
Project description	
Test name	LoadUI Test Case 1 LoadTest
Test duration	1:00

Load allocation

Load type	VUs
Allocation type	Relative
Allocation parameters	Percentage distribution of 100 VU(s)

Load test overview

Scenarios in the test	1
Load agents used	0
Cloud agents used	0
Servers monitored	0
Test assertions (all levels)	0

Scenario details

New Scenario

Load profile		Fixed
Base VUs		100
Wait time		1 second(s)
Target test case(s)		
Single Request Test Case:LoadUI Test Case 1		1 enabled test step(s)

Test Execution Metrics

Test results

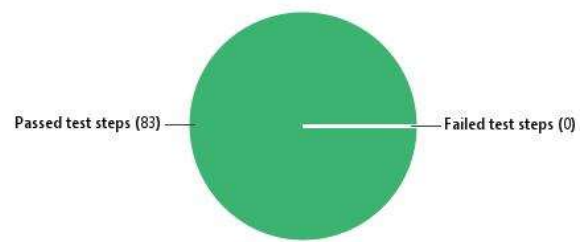|	
Test run result	PASS
Duration	00:01:00
Start time	10:43:11
End time	10:44:12
Maximum simultaneous virtual users	25

Load Test Results for LoadUI Test Case 1 LoadTest

Information on target test cases

Test case runs, including loops	83
Failed test cases	0
Failure ratio	0%
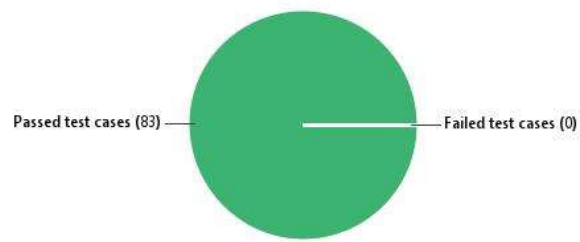
Executed test step(s) summary

Test step runs, including loops	83
Failed test steps	0
Failure ratio	0%

Time taken

Maximum	25006 ms
Minimum	262 ms
Average	17351 ms
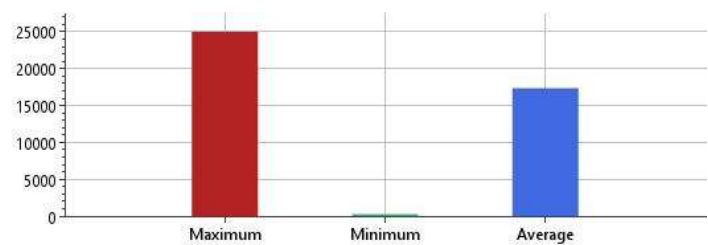
A great difference between time taken (i.e. response time) values may indicate server issues.
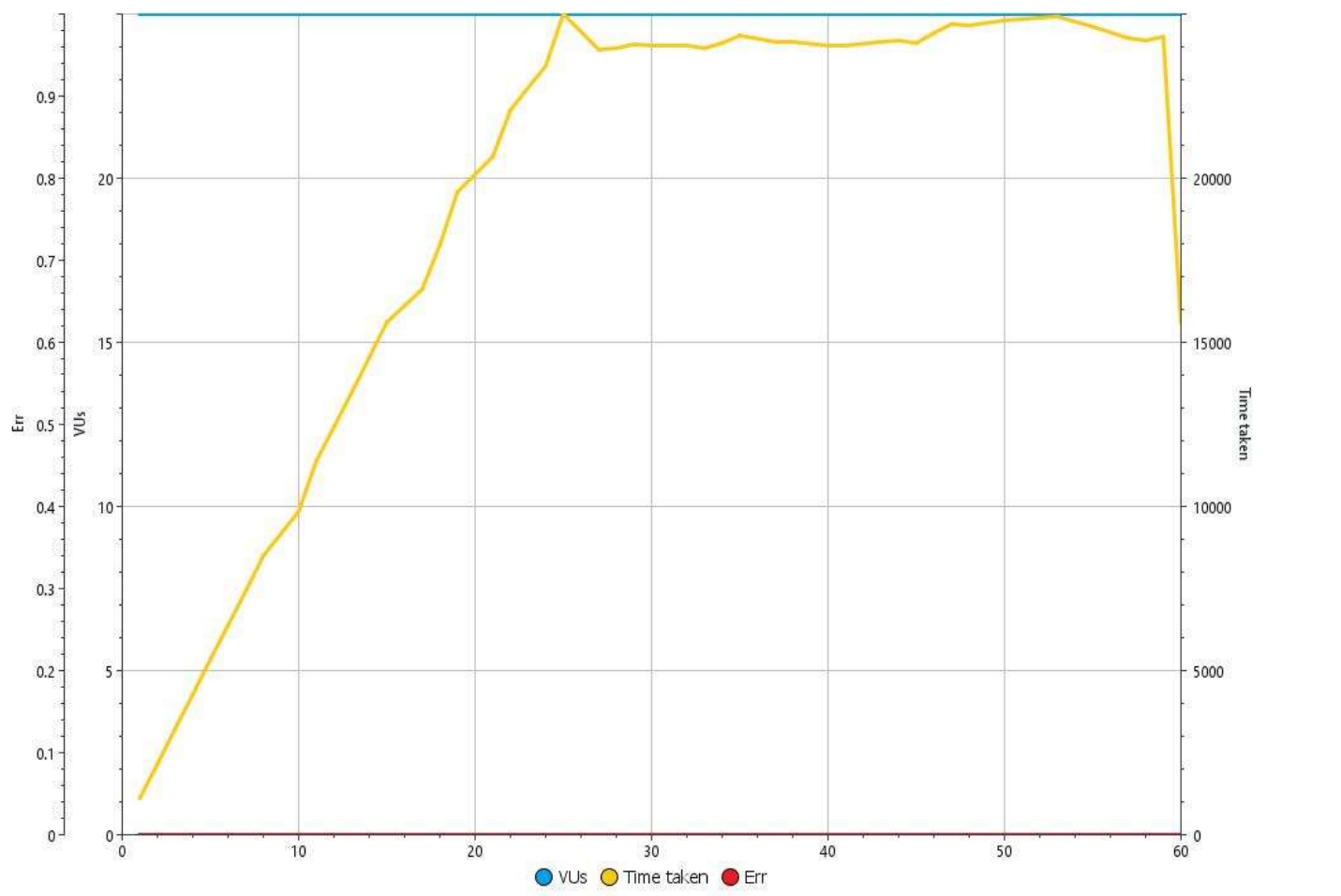
Scenarios Summary

This section provides information about target test cases and assertions for each scenario in the load test.

Scenario name	Duration	Targets	Assertions checked	Assertions failed
New Scenario	00:01:00	83	0	0

Load Test Results for LoadUI Test Case 1 LoadTest

Overview Chart

Test Step Metrics

LoadUI Test Case 1

Test step	Min (ms)	Max (ms)	Median (ms)	Last (ms)	Count	TPS	Err	Err %
REST Request	0	25006	18479	0	83	1	0	0
Test Case Level	262	25006	21009	23356	83	1	0	0

Response time details

Test Step	Avg (ms)	75%	90%	95%	98%
REST Request	13953	24150.00	24654.40	24810.00	24933.92
Test Case Level	17351	24150.00	24654.40	24810.00	24933.92

Load Test Results for LoadUI Test Case 1 LoadTest

Top 5 Test Cases

Test case	Time taken (ms)	Start time	Size (bytes)
Single Request Test Case:LoadUI Test Case 1	262	10:44:11	0
Single Request Test Case:LoadUI Test Case 1	1110	10:43:12	39
Single Request Test Case:LoadUI Test Case 1	1358	10:44:10	0
Single Request Test Case:LoadUI Test Case 1	2150	10:43:12	39
Single Request Test Case:LoadUI Test Case 1	2383	10:44:09	0

Bottom 5 Test Cases

Test case	Time taken (ms)	Start time	Size (bytes)
Single Request Test Case:LoadUI Test Case 1	25006	10:43:12	39
Single Request Test Case:LoadUI Test Case 1	24900	10:43:40	39
Single Request Test Case:LoadUI Test Case 1	24889	10:43:39	39
Single Request Test Case:LoadUI Test Case 1	24814	10:43:38	39
Single Request Test Case:LoadUI Test Case 1	24794	10:43:37	39

Top 5 Test Steps

Test case	Time taken (ms)	Start time	Size (bytes)
Single Request Test Case:LoadUI Test Case 1->REST Request	0	10:44:12	0
Single Request Test Case:LoadUI Test Case 1->REST Request	0	10:44:12	0
Single Request Test Case:LoadUI Test Case 1->REST Request	0	10:44:12	0
Single Request Test Case:LoadUI Test Case 1->REST Request	0	10:44:12	0
Single Request Test Case:LoadUI Test Case 1->REST Request	0	10:44:12	0

Bottom 5 Test Steps

Test case	Time taken (ms)	Start time	Size (bytes)
Single Request Test Case:LoadUI Test Case 1->REST Request	25006	10:43:37	39
Single Request Test Case:LoadUI Test Case 1->REST Request	24900	10:44:05	39
Single Request Test Case:LoadUI Test Case 1->REST Request	24889	10:44:04	39
Single Request Test Case:LoadUI Test Case 1->REST Request	24814	10:44:03	39
Single Request Test Case:LoadUI Test Case 1->REST Request	24794	10:44:02	39

Load Test Results for LoadUI Test Case 1 LoadTest

Load Test Results for New Scenario Scenario

Scenario overview

Load profile	Fixed
Scenario targets	1
Simulated users	100
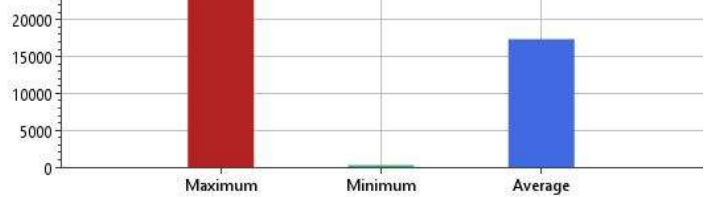
Information on target test cases

Test case runs, including loops	83
Failed test cases	0
Failure ratio	0%

Executed test step(s) summary

Test step runs, including loops	83
Failed test steps	0
Failure ratio	0%

Time taken

Maximum	25006 ms
Minimum	262 ms
Average	17351 ms

A great difference between time taken (i.e. response time) values may indicate server issues.

Targets Metrics

Target	Requests	Min (ms)	Max (ms)	Median (ms)	Std dev (ms)	Err	Err %
Single Request Test Case:LoadUI Test Case 1	83	262	25006	21009	8000	0	0

Response time details

Target	Avg (ms)	75%	90%	95%	98%
Single Request Test Case:LoadUI Test Case 1	17351	24150.00	24654.40	24810.00	24933.92

Load Test Results for LoadUI Test Case 1 LoadTest

Top 5 Test Case Executions

Test case	Time taken (ms)	Start time	Size (bytes)
Single Request Test Case:LoadUI Test Case 1	262	10:44:11	0
Single Request Test Case:LoadUI Test Case 1	1110	10:43:12	39
Single Request Test Case:LoadUI Test Case 1	1358	10:44:10	0
Single Request Test Case:LoadUI Test Case 1	2150	10:43:12	39
Single Request Test Case:LoadUI Test Case 1	2383	10:44:09	0

Bottom 5 Test Case Executions

Test case	Time taken (ms)	Start time	Size (bytes)
Single Request Test Case:LoadUI Test Case 1	25006	10:43:12	39
Single Request Test Case:LoadUI Test Case 1	24900	10:43:40	39
Single Request Test Case:LoadUI Test Case 1	24889	10:43:39	39
Single Request Test Case:LoadUI Test Case 1	24814	10:43:38	39
Single Request Test Case:LoadUI Test Case 1	24794	10:43:37	39

Top 5 Test Step Executions

| Test case	Time taken (ms)	Start time	Size (bytes)
Single Request Test Case:LoadUI Test Case 1->REST Request	0	10:44:12	0
Single Request Test Case:LoadUI Test Case 1->REST Request	0	10:44:12	0
Single Request Test Case:LoadUI Test Case 1->REST Request	0	10:44:12	0
Single Request Test Case:LoadUI Test Case 1->REST Request	0	10:44:12	0
Single Request Test Case:LoadUI Test Case 1->REST Request	0	10:44:12	0

Bottom 5 Test Step Executions

Test case	Time taken (ms)	Start time	Size (bytes)
Single Request Test Case:LoadUI Test Case 1->REST Request	25006	10:43:37	39
Single Request Test Case:LoadUI Test Case 1->REST Request	24900	10:44:05	39
Single Request Test Case:LoadUI Test Case 1->REST Request	24889	10:44:04	39
Single Request Test Case:LoadUI Test Case 1->REST Request	24814	10:44:03	39
Single Request Test Case:LoadUI Test Case 1->REST Request	24794	10:44:02	39

Load Test Results for LoadUI Test Case 1 LoadTest

Execution dispersion

This graph shows when the 5 fastest and 5 slowest test case executions happened. The clustered values show the time when the issues occurred during the test run. For example, a lot of values at the beginning of the test might mean that you need a longer warm-up time for the server. Ideally, the values should be distributed evenly throughout the test duration.
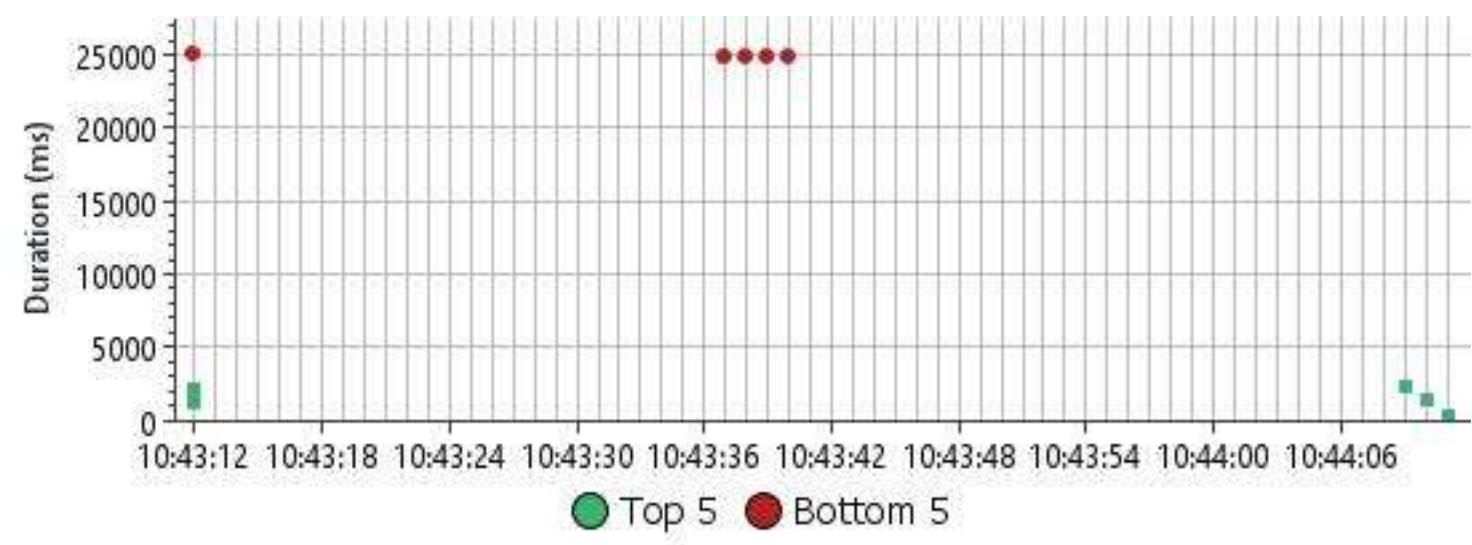
Statistics

No statistics selected on the statistics page

Terms Used in This Report

VUs load type

When you use the VUs load type, the load profile settings specify the number of virtual users working on the server simultaneously. This number can be permanent during the entire test run, or it can change as specified in the selected load profile. When a virtual user stops working because the test case is over, ReadyAPI Performance starts a new user to maintain the needed number of virtual users.

Load allocation

In ReadyAPI Performance, there are several ways to specify the load simulated by each scenario. This is called Load allocation. You can enter the total number of users and select what portion of them runs each scenario (Relative allocation), run the same number of virtual users for all scenarios (Equal allocation) or enter the number of users in each scenario individually (Per scenario allocation).

Fixed profile (VUs)

This load profile simulates the same number of virtual users during the entire test run.

Load Test Results for LoadUI Test Case 1 LoadTest

Terms Used in This Report

Agent

ReadyAPI Performance uses agents to distribute load to other computers. Load agents run on a physical computer where the LoadUI Agent application is installed. Cloud agents run in the cloud.

Failure

Failure is a generic term for all issues that cause a simulated user to fail. For example, a test can have failures when load test assertions fail or a test step does not receive a response.

Error

Test step and test case failures that happen during the load test run are called errors.

Target

ReadyAPI Performance runs test cases created in ReadyAPI Test to simulate user behavior. The test cases simulated in a scenario are called targets.

TPS

For test steps, number of times the test step was executed during the second.
For target test cases, the number of virtual users that finished the test case execution at each second.

Count

The number of times the test step was run during the test.

Time taken metrics

The time spent to complete different load test units like scenarios, test cases, and test steps in milliseconds:
- Min: the minimum value
- Max: the maximum value
- Median: the median value (the same as 50th percentile)
- Std dev: the standard deviation - a measure of deviation of results from the mean value
- Avg: the average value
- Last: the last returned value
- 75%: 75th percentile - The lowest value that is greater than 75% of the values (interpolated, inclusive)
- 90%: 90th percentile - The lowest value that is greater than 90% of the values (interpolated, inclusive)
- 95%: 95th percentile - The lowest value that is greater than 95% of the values (interpolated, inclusive)
- 98%: 98th percentile - The lowest value that is greater than 98% of the values (interpolated, inclusive)