# 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 20 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 | | 20 |
| 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

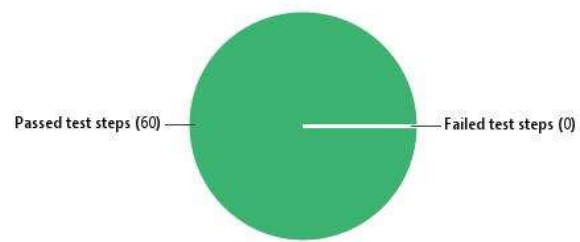| | |
|---|---|
| Test run result | PASS |
| Duration | 00:00:43 |
| Start time | 10:39:24 |
| End time | 10:40:07 |
| Maximum simultaneous virtual users | 20 |

# Load Test Results for LoadUI Test Case 1 LoadTest

## Information on target test cases

| | |
|---|---|
| Test case runs, including loops | 60 |
| Failed test cases | 0 |
| Failure ratio | 0% |

Passed test cases (60) — Failed test cases (0)

## Executed test step(s) summary

| | |
|---|---|
| Test step runs, including loops | 60 |
| Failed test steps | 0 |
| Failure ratio | 0% |

Passed test steps (60) — Failed test steps (0)

## Time taken

| | |
|---|---|
| Maximum | 20310 ms |
| Minimum | 562 ms |
| Average | 13632 ms |
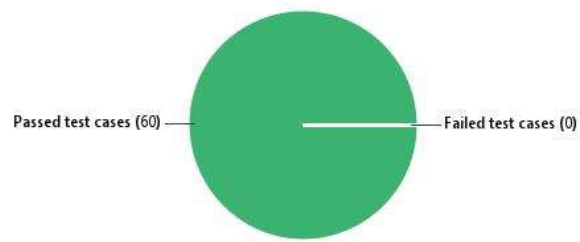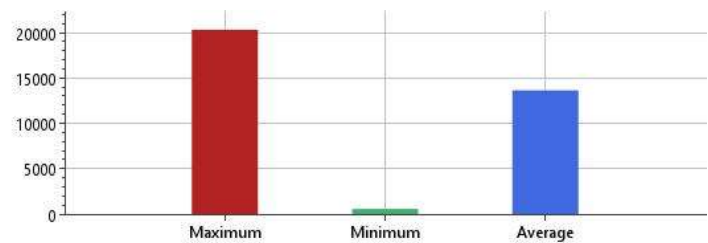
A great difference between time taken (i.e. response time) values may indicate server issues.
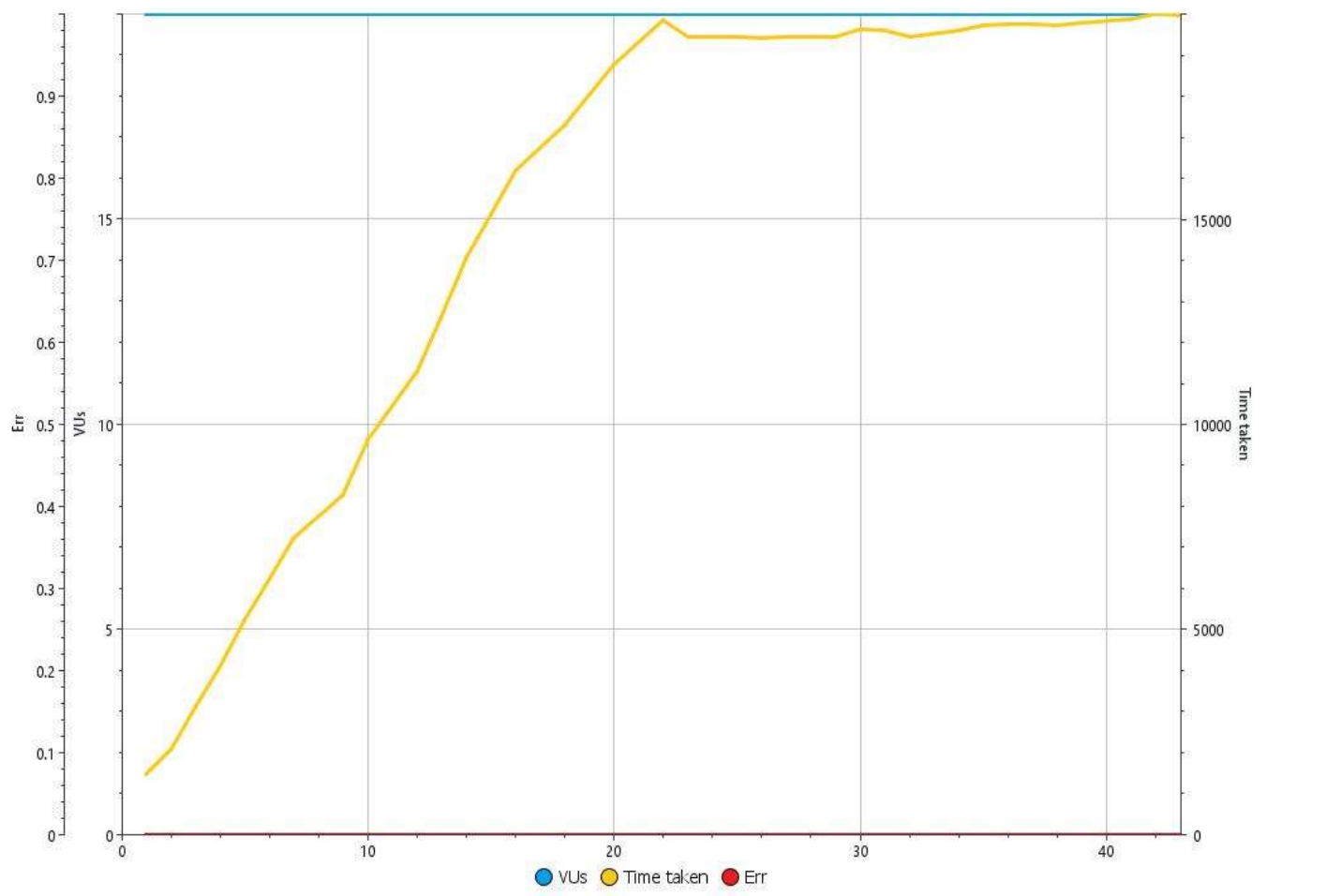
## Scenarios Summary

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 | 00:00:43 | 60 | 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 | 1449 | 20310 | 19420 | 19973 | 41 | 0 | 0 | 0 |
| Test Case Level | 562 | 20310 | 15712 | 13176 | 60 | 1 | 0 | 0 |

Response time details

| Test Step | Avg (ms) | 75% | 90% | 95% | 98% |
|-----------|----------|-----|-----|-----|-----|
| REST Request | 15277 | 19686.00 | 19876.20 | 20024.30 | 20310.00 |
| Test Case Level | 13632 | 19464.25 | 19771.90 | 19969.05 | 20248.40 |

# 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 | 562 | 10:40:07 | 0 |
| Single Request Test Case:LoadUI Test Case 1 | 1449 | 10:39:24 | 39 |
| Single Request Test Case:LoadUI Test Case 1 | 1626 | 10:40:06 | 0 |
| Single Request Test Case:LoadUI Test Case 1 | 2066 | 10:39:24 | 39 |
| Single Request Test Case:LoadUI Test Case 1 | 2787 | 10:40:05 | 0 |

## Bottom 5 Test Cases

| Test case | Time taken (ms) | Start time | Size (bytes) |
|---|---|---|---|
| Single Request Test Case:LoadUI Test Case 1 | 20310 | 10:39:24 | 39 |
| Single Request Test Case:LoadUI Test Case 1 | 20030 | 10:39:46 | 39 |
| Single Request Test Case:LoadUI Test Case 1 | 19973 | 10:39:47 | 39 |
| Single Request Test Case:LoadUI Test Case 1 | 19894 | 10:39:45 | 39 |
| Single Request Test Case:LoadUI Test Case 1 | 19805 | 10:39:44 | 39 |

## Top 5 Test Steps

| Test case | Time taken (ms) | Start time | Size (bytes) |
|---|---|---|---|
| Single Request Test Case:LoadUI Test Case 1->REST Request | 1449 | 10:39:25 | 39 |
| Single Request Test Case:LoadUI Test Case 1->REST Request | 2066 | 10:39:26 | 39 |
| Single Request Test Case:LoadUI Test Case 1->REST Request | 3109 | 10:39:28 | 39 |
| Single Request Test Case:LoadUI Test Case 1->REST Request | 4128 | 10:39:29 | 39 |
| Single Request Test Case:LoadUI Test Case 1->REST Request | 5209 | 10:39:30 | 39 |

## Bottom 5 Test Steps

| Test case | Time taken (ms) | Start time | Size (bytes) |
|---|---|---|---|
| Single Request Test Case:LoadUI Test Case 1->REST Request | 20310 | 10:39:45 | 39 |
| Single Request Test Case:LoadUI Test Case 1->REST Request | 20030 | 10:40:06 | 39 |
| Single Request Test Case:LoadUI Test Case 1->REST Request | 19973 | 10:40:07 | 39 |
| Single Request Test Case:LoadUI Test Case 1->REST Request | 19894 | 10:40:05 | 39 |
| Single Request Test Case:LoadUI Test Case 1->REST Request | 19805 | 10:40:04 | 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 | 20 |
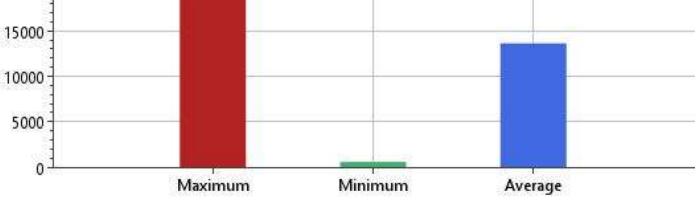
## Information on target test cases

| | |
|---|---|
| Test case runs, including loops | 60 |
| Failed test cases | 0 |
| Failure ratio | 0% |



Passed test cases (60) — Failed test cases (0)

## Executed test step(s) summary

| | |
|---|---|
| Test step runs, including loops | 60 |
| Failed test steps | 0 |
| Failure ratio | 0% |



Passed test steps (60) — Failed test steps (0)

## Time taken

| | |
|---|---|
| Maximum | 20310 ms |
| Minimum | 562 ms |
| Average | 13632 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 | 60 | 562 | 20310 | 15712 | 6447 | 0 | 0 |

Response time details

| Target | Avg (ms) | 75% | 90% | 95% | 98% |
|---|---|---|---|---|---|
| Single Request Test Case:LoadUI Test Case 1 | 13632 | 19464.25 | 19771.90 | 19969.05 | 20248.40 |

# 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 | 562 | 10:40:07 | 0 |
| Single Request Test Case:LoadUI Test Case 1 | 1449 | 10:39:24 | 39 |
| Single Request Test Case:LoadUI Test Case 1 | 1626 | 10:40:06 | 0 |
| Single Request Test Case:LoadUI Test Case 1 | 2066 | 10:39:24 | 39 |
| Single Request Test Case:LoadUI Test Case 1 | 2787 | 10:40:05 | 0 |

## Bottom 5 Test Case Executions

| Test case | Time taken (ms) | Start time | Size (bytes) |
|---|---|---|---|
| Single Request Test Case:LoadUI Test Case 1 | 20310 | 10:39:24 | 39 |
| Single Request Test Case:LoadUI Test Case 1 | 20030 | 10:39:46 | 39 |
| Single Request Test Case:LoadUI Test Case 1 | 19973 | 10:39:47 | 39 |
| Single Request Test Case:LoadUI Test Case 1 | 19894 | 10:39:45 | 39 |
| Single Request Test Case:LoadUI Test Case 1 | 19805 | 10:39:44 | 39 |

## Top 5 Test Step Executions

| Test case | Time taken (ms) | Start time | Size (bytes) |
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| Single Request Test Case:LoadUI Test Case 1->REST Request | 1449 | 10:39:25 | 39 |
| Single Request Test Case:LoadUI Test Case 1->REST Request | 2066 | 10:39:26 | 39 |
| Single Request Test Case:LoadUI Test Case 1->REST Request | 3109 | 10:39:28 | 39 |
| Single Request Test Case:LoadUI Test Case 1->REST Request | 4128 | 10:39:29 | 39 |
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## Bottom 5 Test Step Executions

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| Single Request Test Case:LoadUI Test Case 1->REST Request | 19973 | 10:40:07 | 39 |
| Single Request Test Case:LoadUI Test Case 1->REST Request | 19894 | 10:40:05 | 39 |
| Single Request Test Case:LoadUI Test Case 1->REST Request | 19805 | 10:40:04 | 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.
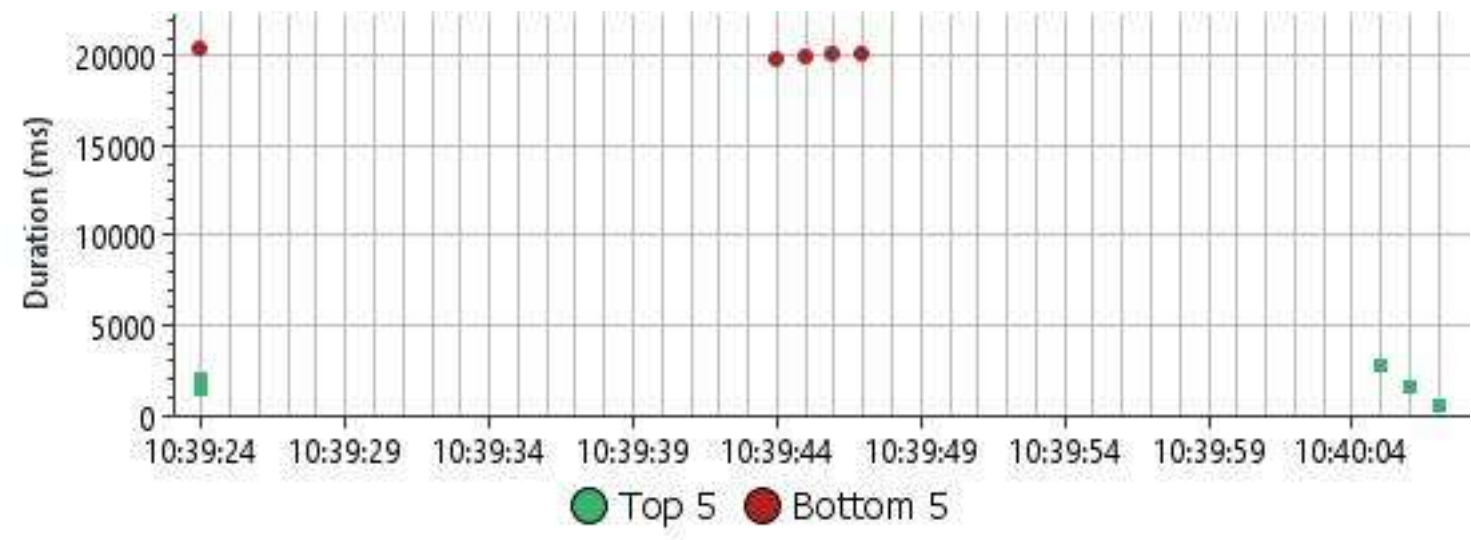


## Statistics

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)