# Performance Test Report



| Date | May 1, 2023, 10:10:13 AM |
|---|---|
| Project | PrismHR_Main |
| Scenario | API_EMPID |
| Comment | API getEMPInfo - Test3 |
| Notes | |

## Table of Contents

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## Results summary

| Name | 10:09 - 1 May 2023 | Project | PrismHR_Main |
|---|---|---|---|
| Description | API getEMPInfo - Test3 | Scenario | API_EMPID |
| Status | ✔ Passed | Load Policy | • The population API_Get_EMPID is constant with 100 users for 1 iteration(s). |
| Start date | May 1, 2023, 10:10:13 AM | | |
| End date | May 1, 2023, 10:21:39 AM | Stop Policy | • Population API_Get_EMPID: undefined. |
| Duration | 00:11:25 | | |
| Termination reason | Execution policy | Filters | None |
| LG Hosts | 10.149.80.138:7100 | Debug | Disabled |

## Statistics Summary

| | | | | | | |
|---|---|---|---|---|---|---|
| Total pages | 0 | — | Average pages/s | 0.0 | — |
| Total requests | 100100 | — | Average requests/s | 145.9 | — |
| Total users launched | 100 | — | Average Request response time | 0.629 s | — |
| Total iterations completed | 100 | — | Average Page response time | 0 s | — |
| Total throughput | 77.2 MB | — | Average throughput | 0.90 Mb/s | — |
| Total request errors | 0 | — | Error rate | 0 % | — |
| Total action errors | 0 | — | Alerts total duration | 0 % | — |

— = No SLA  ☀ = Passed  ☁ = Warning  ⛈ = Failed

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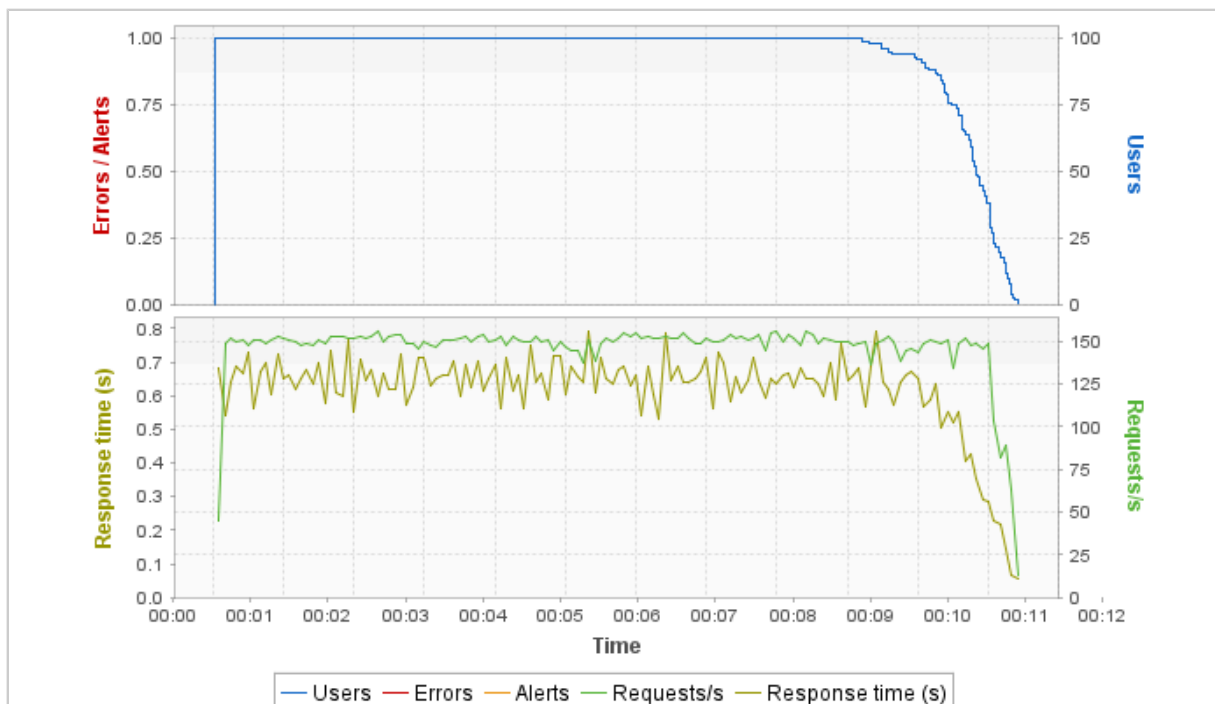
## Hot spots

### Top 5 errors

No errors on pages

### Top 5 alerts

No alerts

### First critical alerts

No alerts

### Top 5 average response time (Pages)

Empty list

### Top 5 maximum response time (Pages)

Empty list

## Errors

### Request errors

No errors

### Action errors

No errors

## Alerts

No alerts

## General statistics

| Min | Avg | Max | Count | Err | % of Err | SLA Profile |
|---|---|---|---|---|---|---|
| **All User Paths** | | | | | | |
| 538.2 | 629.4 | 668.2 | 100 | 0 | 0 | - |
| **All requests** | | | | | | |
| 0.038 | 0.628 | 20.8 | 100,100 | 0 | 0 | - |

## Transaction statistics

| Min | Avg | Max | Count | Err | % of Err | Perc 50 | Perc 95 | Perc 99 | Std Dev | Avg-90% | SLA Profile |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **All Transactions** | | | | | | | | | | | |
| 0 | 0.627 | 20.8 | 100,300 | 0 | 0 | 0.091 | 3.53 | 7.25 | 1.46 | 0.368 | - |

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## Summary

| | | | |
|---|---|---|---|
| **Name** | 10:09 - 1 May 2023 | **Project** | PrismHR_Main |
| **Description** | API getEMPInfo - Test3 | **Scenario** | API_EMPID |
| **Status** | ✔ Passed | **Load Policy** | • The population API_Get_EMPID is constant with 100 users for 1 iteration(s). |
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| **End date** | May 1, 2023, 10:21:39 AM | **Stop Policy** | • Population API_Get_EMPID: undefined. |
| **Duration** | 00:11:25 | | |
| **Termination reason** | Execution policy | **Filters** | None |
| **LG Hosts** | 10.149.80.138:7100 | **Debug** | Disabled |

## Populations

**API_Get_EMPID**

| User Path | Percentage | WAN Emulation | Signal strength | Bandwidth ↑ | Latency ↑ | Packet loss % ↑ | Bandwidth ↓ | Latency ↓ | Packet loss % ↓ | Browser | Handle cookies | Connectic | Handle cache |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| API_C5630669V1SM-on | 100.0% | Unlimited | | Unlimited | 0ms | 0% | Unlimited | 0ms | 0% | Recorded one | Yes | 6 | New user |

## User Paths

| Name | Description | On failed assertion | On error | Think time | Thinktime range |
|---|---|---|---|---|---|
| API_C5630669V1SM-on | | Stop and start a new Virtual User | Go to the next iteration | From pages | 0% |

## Rendezvous

| Enabled | Name | Policy | Value | Timeout |
|---|---|---|---|---|
| Empty list | | | | |

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| Name | 10:09 - 1 May 2023 | Project | PrismHR_Main |
|------|--------------------|---------|--------------|
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| End date | May 1, 2023, 10:21:39 AM | Stop Policy | • Population API_Get_EMPID: undefined. |
| Duration | 00:11:25 | | |
| Termination reason | Execution policy | Filters | None |
| LG Hosts | 10.149.80.138:7100 | Debug | Disabled |

**NeoLoad version**          9.0.1;build=20220923-87
**Graphs granularity**      Standard

## Application proxy

| Name | Description |
|------|-------------|
| Test | Automatically detect settings |

## Zone application proxies

| Zone | Name | Description |
|------|------|-------------|
| Empty list | | |

## Constant variables

| Name | Value | Description |
|------|-------|-------------|
| Payroll_Calculation1 | Complete | |
| Payroll_Finalize | Complete | |

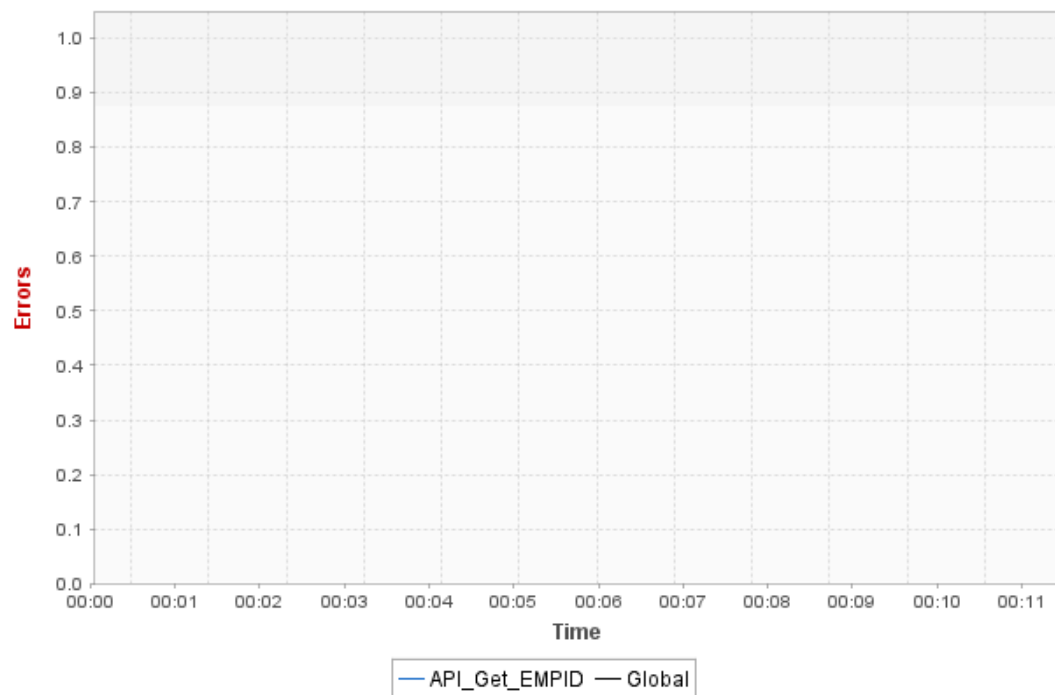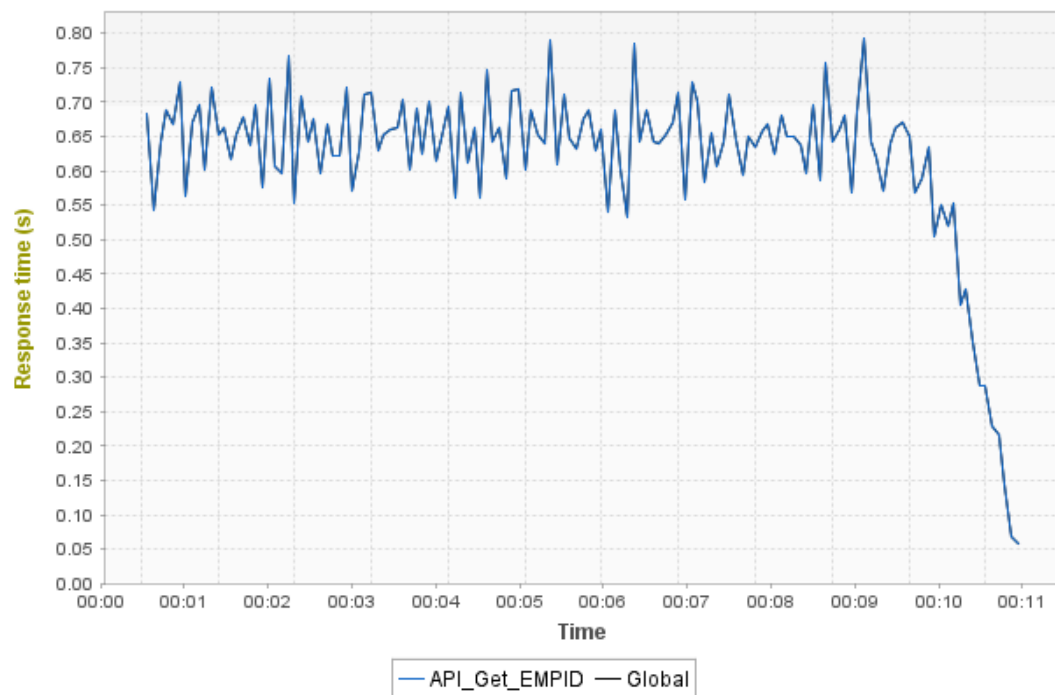## User Paths settings

**API_C5630669V1SM-on**

| | |
|---|---|
| Error policy: | Go to the next iteration |
| Assertion policy: | Stop and start a new Virtual User |
| Thinktime policy: | defined in pages |
| Pacing: | No pacing |

## Servers

| Host | Port | HTTP/2 ready | HTTP/2 used |
|---|---|---|---|
| perfapism.prismhr.com | 443 | No | No |

## Graphs





## Statistics

| Population | Total requests | Average requests/s | Avg. Page res. time | Error rate |
|---|---|---|---|---|
| API_Get_EMPID | 100100 (100%) | 145.9 | 0s ( - %) | 0% ( - %) |
| Global | 100100 (100%) | 145.9 | 0s | 0% |

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## User Paths

| Min | Avg | Max | Count | Err | % of Err | SLA Profile |
|-----|-----|-----|-------|-----|----------|-------------|
| 👤 **API_C5630669V1SM-on** | | | | | | |
| 538.2 | 629.4 | 668.2 | 100 | 0 | 0 | - |

## User Paths

| Min | Avg | Max | Count | Err | % of Err | SLA Profile |
|-----|-----|-----|-------|-----|----------|-------------|
| 👤 **API_C5630669V1SM-on** | | | | | | |

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## Shared Containers

| Min | Avg | Max | Count | Err | % of Err | Perc 50 | Perc 95 | Perc 99 | Std Dev | Avg-90% | SLA Profile |
|-----|-----|-----|-------|-----|----------|---------|---------|---------|---------|---------|-------------|
| Empty list | | | | | | | | | | | |

## API_C5630669V1SM-on

| Min | Avg | Max | Count | Err | % of Err | Perc 50 | Perc 95 | Perc 99 | Std Dev | Avg-90% | SLA Profile |
|-----|-----|-----|-------|-----|----------|---------|---------|---------|---------|---------|-------------|
| 👤 API_C5630669V1SM-on | | | | | | | | | | | |
| 538.2 | 629.4 | 668.2 | 100 | 0 | 0 | - | - | - | - | - | - |
| 📁 Init | | | | | | | | | | | |
| 0 | 0 | 0 | 100 | 0 | 0 | - | - | - | - | - | - |
| 📁 Actions | | | | | | | | | | | |
| 538.2 | 629.4 | 668.2 | 100 | 0 | 0 | - | - | - | - | - | - |
| 📁 START | | | | | | | | | | | |
| 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| 📁 createPeoSession | | | | | | | | | | | |
| 1.47 | 3.44 | 14.1 | 100 | 0 | 0 | 1.99 | 9.31 | 12.6 | 2.75 | 3.09 | - |
| 📁 getEmployees | | | | | | | | | | | |
| 0.038 | 0.625 | 20.8 | 100,000 | 0 | 0 | 0.091 | 3.52 | 7.24 | 1.46 | 0.367 | - |
| 📁 FINISH | | | | | | | | | | | |
| 0 | 0 | 0 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | - |
| 📁 End | | | | | | | | | | | |
| 0 | 0 | 0 | 100 | 0 | 0 | - | - | - | - | - | - |

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## Shared Containers

| Min | Avg | Max | Count | Err | % of Err | SLA Profile |
|-----|-----|-----|-------|-----|----------|-------------|
| Empty list | | | | | | |

## API_C5630669V1SM-on

| Min | Avg | Max | Count | Err | % of Err | SLA Profile |
|-----|-----|-----|-------|-----|----------|-------------|
| Empty list | | | | | | |

## Shared Containers

| Min | Avg | Max | Count | Err | % of Err | SLA Profile |
|-----|-----|-----|-------|-----|----------|-------------|

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## Shared Containers

| Min | Avg | Max | Count | Err | % of Err | SLA Profile |
|-----|-----|-----|-------|-----|----------|-------------|
| Empty list | | | | | | |

## API_C5630669V1SM-on

| Min | Avg | Max | Count | Err | % of Err | SLA Profile |
|-----|-----|-----|-------|-----|----------|-------------|
| Empty list | | | | | | |

## Shared Containers

| SLA | Value | Severity |
| --- | --- | --- |
| Empty list | | |

## API_C5630669V1SM-on

| SLA | Value | Severity |
| --- | --- | --- |
| Empty list | | |

### API_C5630669V1SM-on

| Count | Errors | Bitrate | Played Time | Lag Duration | Lag Ratio | Fill Buffer Duration |
|---|---|---|---|---|---|---|
| Empty list | | | | | | |

### API_C5630669V1SM-on

| Count | Errors | Bitrate | Played Time | Lag Duration | Lag Ratio | Fill Buffer Duration |
|---|---|---|---|---|---|---|

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## Controller
### Performance Counters

| Min | Avg | Max | Med | Avg-90% | Std Dev |
|---|---|---|---|---|---|
| **Controller/User Load** | | | | | |
| 0 | 93.7 | 100 | 100 | 97.5 | 18.9 |
| **Controller/Throughput** | | | | | |
| 0 | 0.893 | 1.21 | 0.911 | 0.911 | 0.135 |
| **Controller/Alerts** | | | | | |
| 0 | 0 | 0 | 0 | 0 | - |
| **Controller/Critical Alerts** | | | | | |
| 0 | 0 | 0 | 0 | 0 | - |
| **Controller/Warning Alerts** | | | | | |
| 0 | 0 | 0 | 0 | 0 | - |
| **Controller/CPU Load** | | | | | |
| 3 | 9.62 | 42 | 8 | 8.9 | 5.17 |
| **Controller/JVM Memory Used** | | | | | |
| 10 | 16.5 | 24 | 16 | 16.5 | 3.63 |
| **Controller/OS Memory Used** | | | | | |
| 44 | 44 | 44 | 44 | 44 | 0 |
| **Controller/Thread Count** | | | | | |
| 554 | 573.3 | 577 | 573 | 573.2 | 1.54 |
| **Controller/Connected** | | | | | |
| 1 | 1 | 1 | 1 | 1 | 0 |
| **Controller/Total Disconnections** | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 |
| **Controller/Total Reconnections** | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 |
| **Controller/Network/Segments sent/sec.** | | | | | |
| 0 | 425.2 | 1,375 | 410.5 | 418.3 | 191.5 |
| **Controller/Network/Segments retransmitted/sec.** | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 |
| **Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits received/sec.** | | | | | |
| 0.002 | 0.046 | 0.115 | 0.043 | 0.045 | 0.019 |
| **Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits sent/sec.** | | | | | |
| 0 | 0.922 | 2.11 | 0.928 | 0.928 | 0.376 |
| **Controller/Network/eth13 (vmxnet3 Ethernet Adapter #2)/Megabits received/sec.** | | | | | |
| 0 | 0 | 0 | 0 | 0 | - |
| **Controller/Network/eth13 (vmxnet3 Ethernet Adapter #2)/Megabits sent/sec.** | | | | | |
| 0 | 0 | 0 | 0 | 0 | - |
| **Controller/Default zone/User Load** | | | | | |
| 0 | 93.7 | 100 | 100 | 97.5 | 18.9 |
| **Controller/Default zone/API_Get_EMPID/User Load** | | | | | |
| 1 | 93.9 | 100 | 100 | 97.6 | 18.6 |
| **Controller/Default zone/API_Get_EMPID/API_C5630669V1SM-on/User Load** | | | | | |
| 1 | 93.9 | 100 | 100 | 97.6 | 18.6 |

## LG 10.149.80.138:7100
### Performance Counters

| Min | Avg | Max | Med | Avg-90% | Std Dev |
|---|---|---|---|---|---|
| **LG 10.149.80.138:7100/CPU Load** | | | | | |
| 0 | 32.5 | 95 | 32 | 32.3 | 7.14 |
| **LG 10.149.80.138:7100/JVM Memory Used** | | | | | |
| 0 | 8.21 | 19 | 8 | 8.06 | 4.2 |

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| Min | Avg | Max | Med | Avg-90% | Std Dev |
|---|---|---|---|---|---|
| **LG 10.149.80.138:7100/OS Memory Used** | | | | | |
| 41 | 45.7 | 47 | 46 | 45.9 | 1.57 |
| **LG 10.149.80.138:7100/Throughput** | | | | | |
| 0 | 0.893 | 1.21 | 0.911 | 0.911 | 0.135 |
| **LG 10.149.80.138:7100/User Load** | | | | | |
| 0 | 93.7 | 100 | 100 | 97.5 | 18.9 |
| **LG 10.149.80.138:7100/Thread Count** | | | | | |
| 0 | 216.8 | 258 | 223 | 220.6 | 34.5 |
| **LG 10.149.80.138:7100/Http client/Thread Pool used** | | | | | |
| 0 | 0.415 | 0.585 | 0.415 | 0.416 | 0.101 |
| **LG 10.149.80.138:7100/Http client/Task Pool used** | | | | | |
| 0 | 0 | 0.067 | 0 | 0 | 0.003 |
| **LG 10.149.80.138:7100/Controller Connection/Disconnections** | | | | | |
| 0 | 0 | 0 | 0 | 0 | - |
| **LG 10.149.80.138:7100/Controller Connection/Reconnections** | | | | | |
| 0 | 0 | 0 | 0 | 0 | - |
| **LG 10.149.80.138:7100/Controller Connection/Ping Duration (ms)** | | | | | |
| 0 | 1.82 | 6 | 1 | 1.69 | 1.4 |
| **LG 10.149.80.138:7100/Network/Segments sent/sec.** | | | | | |
| 0 | 1,507 | 19,296 | 0 | 1,078 | 2,919 |
| **LG 10.149.80.138:7100/Network/Segments retransmitted/sec.** | | | | | |
| 0 | 0 | 0 | 0 | 0 | 0 |
| **LG 10.149.80.138:7100/Network/eth5 (vmxnet3 Ethernet Ada...gabits received/sec.** | | | | | |
| 0 | 0 | 0 | 0 | 0 | - |
| **LG 10.149.80.138:7100/Network/eth5 (vmxnet3 Ethernet Ada...)/Megabits sent/sec.** | | | | | |
| 0 | 0 | 0 | 0 | 0 | - |
| **LG 10.149.80.138:7100/Network/eth4 (vmxnet3 Ethernet Ada...gabits received/sec.** | | | | | |
| 0.006 | 1.1 | 3.33 | 1.12 | 1.12 | 0.171 |
| **LG 10.149.80.138:7100/Network/eth4 (vmxnet3 Ethernet Adapter)/Megabits sent/sec.** | | | | | |
| 0 | 0.46 | 0.699 | 0.469 | 0.468 | 0.061 |

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## Average page response time



**Average page response time**

| Min | Average | Max |
|---|---|---|
| 0 | 0 | 0 |

**Notes:** Displays the average response time, in seconds, of all pages during the test.
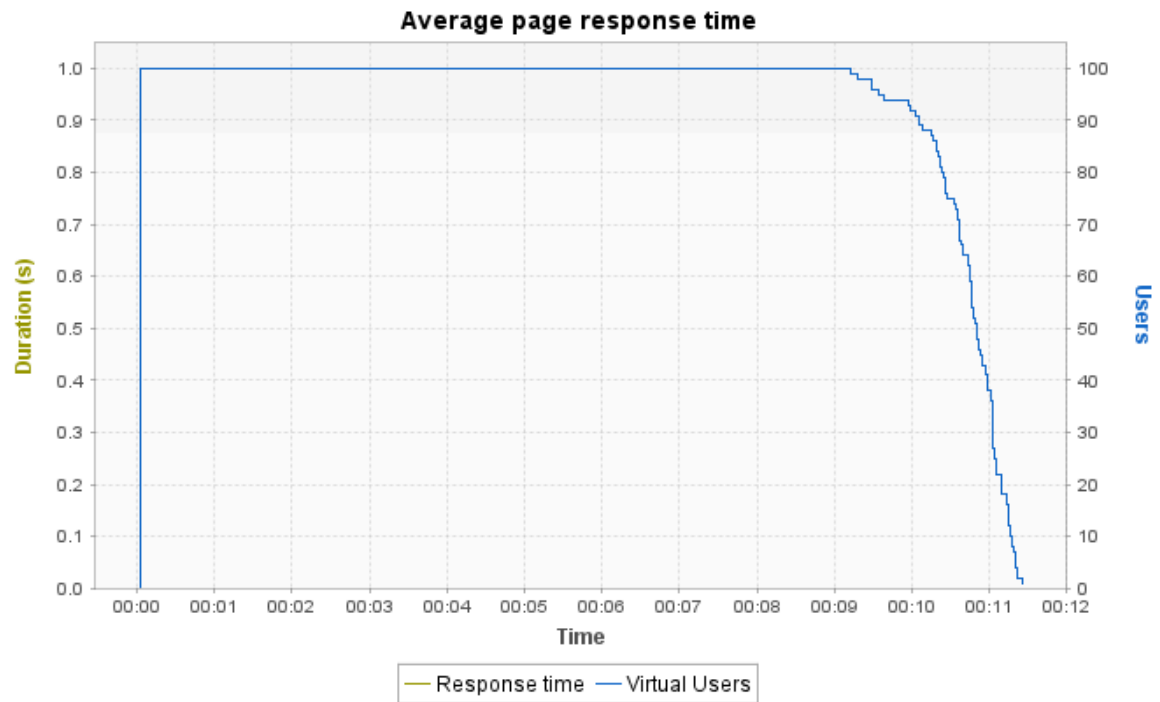
## Average request response time
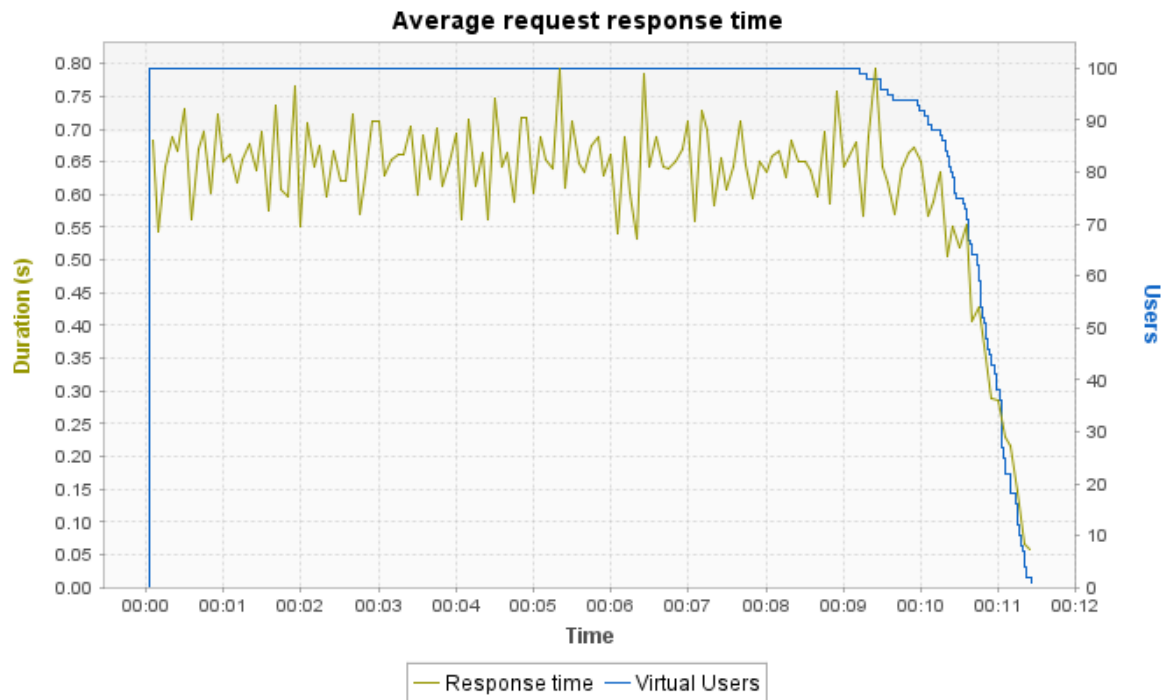


| Min | Average | Max |
|:---:|:---:|:---:|
| 0.058 | 0.629 | 0.793 |

**Notes:** Displays the average response time, in seconds, of all requests during the test.

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## Average response time (Transactions)
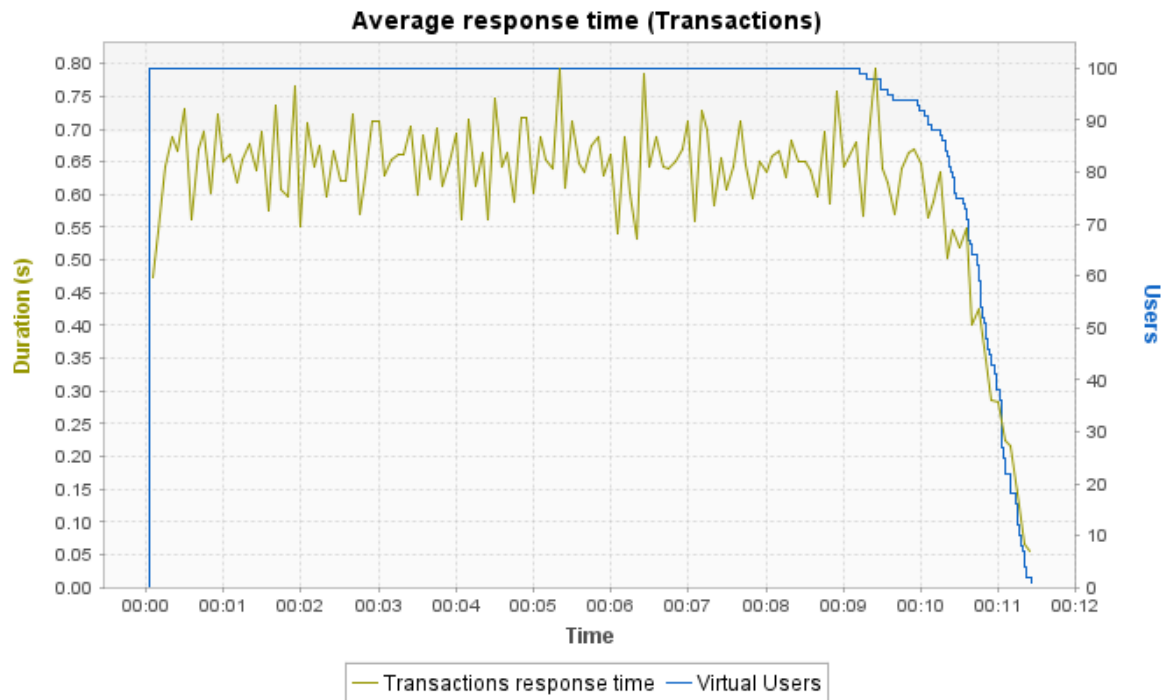


| Min | Average | Max | Median | Avg-90% | Std. Dev. |
|---|---|---|---|---|---|
| 0.056 | 0.628 | 0.793 | 0.646 | 0.639 | 0.102 |

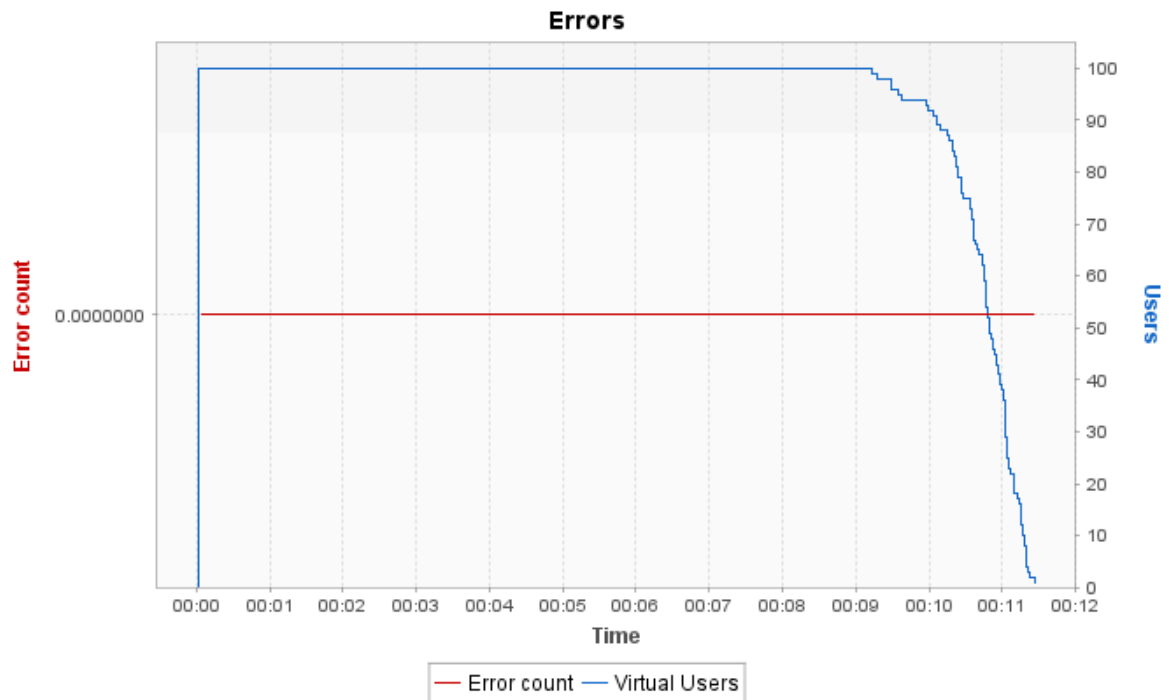**Notes:** Displays the average response time, in seconds, of all Transactions during the test.

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## Requests per second



Requests per second
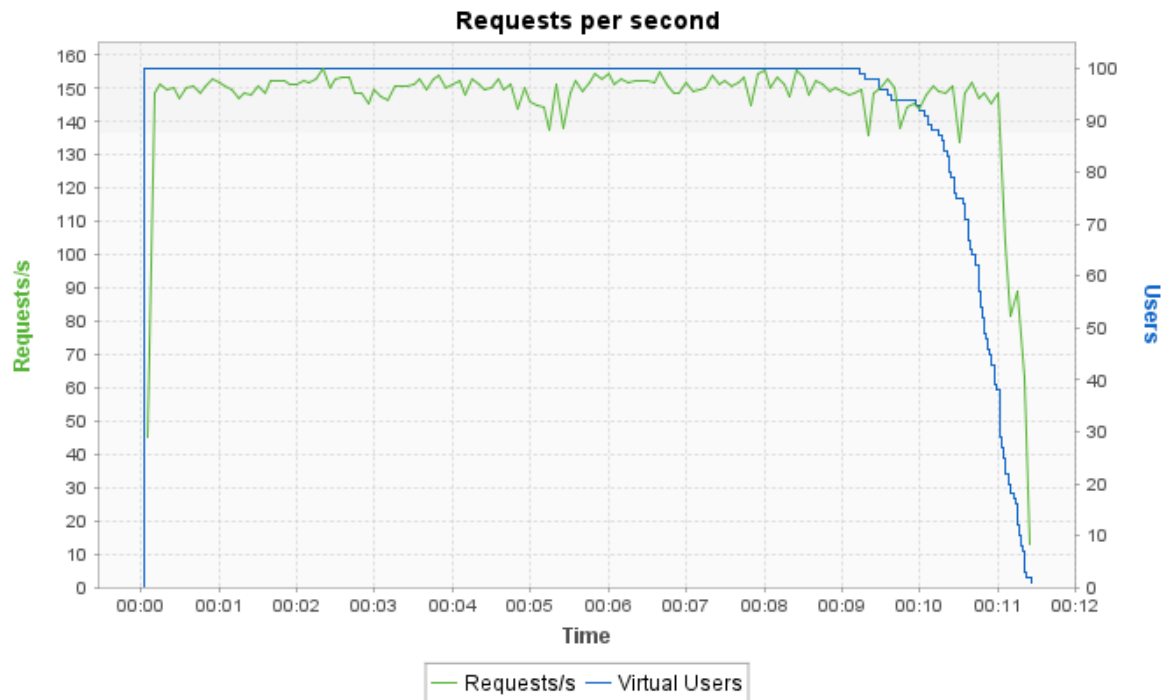
| Min | Average | Max |
|---|---|---|
| 13.2 | 146.1 | 156 |

**Notes:** Displays the number of requests per second.

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## Errors



| Min | Average | Max |
|-----|---------|-----|
| 0   | 0       | 0   |

**Notes:** Displays the number of errors per sampling interval.

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## Throughput
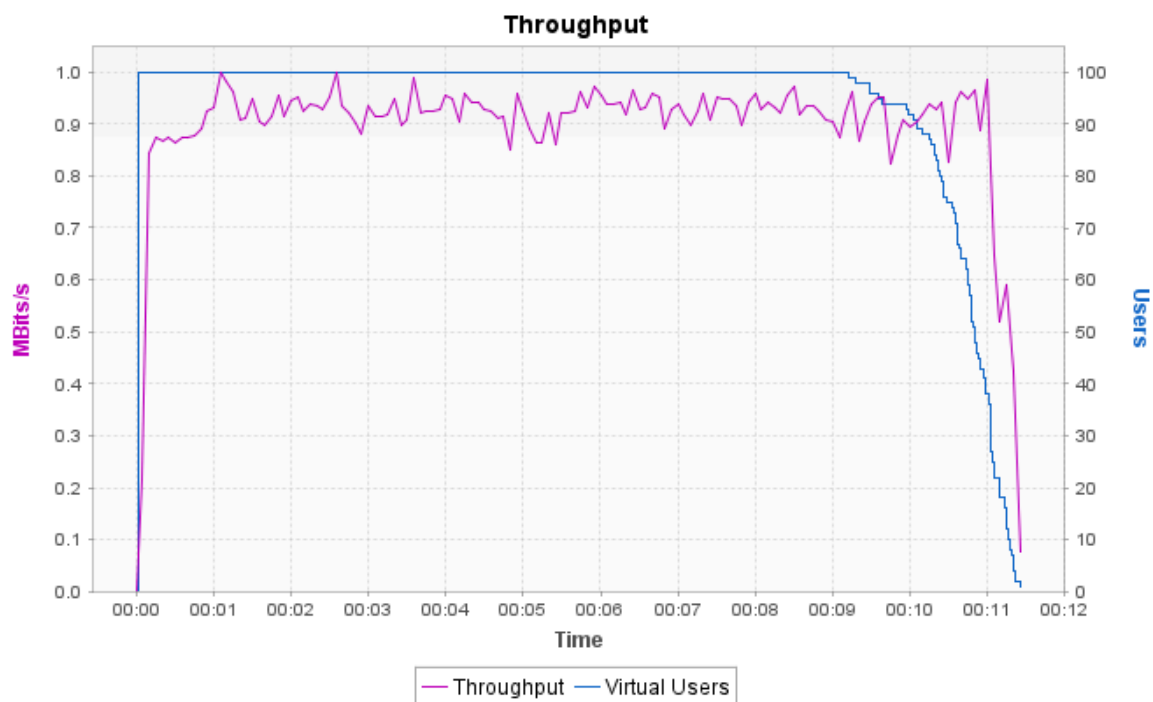


| Min | Average | Max |
|-----|---------|-----|
| 0 | 0.89 | 1 |

**Notes:** Displays the number of megabits of data per second returned by the server.

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## Response time against load
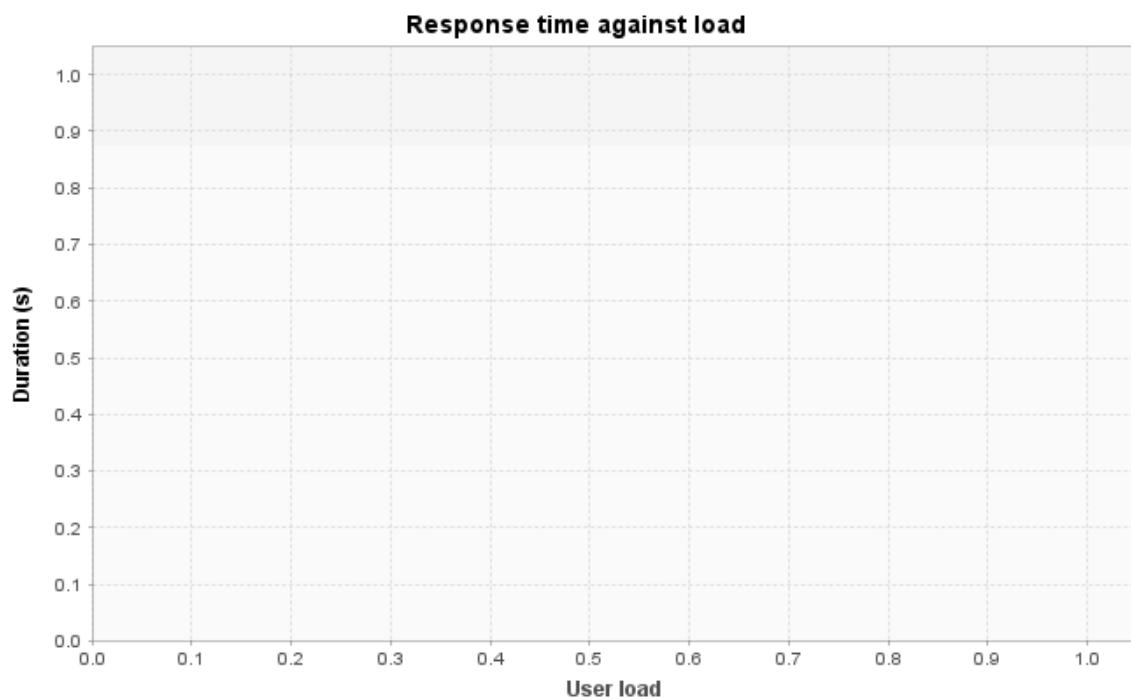


| Min | Average | Max |
|---|---|---|
| 0 | 0 | 0 |

**Notes:** Displays the average response time, in seconds, of all pages according to the number of simultaneous Virtual Users.

## Distribution of Transaction Durations



**Distribution of Transaction Durations**
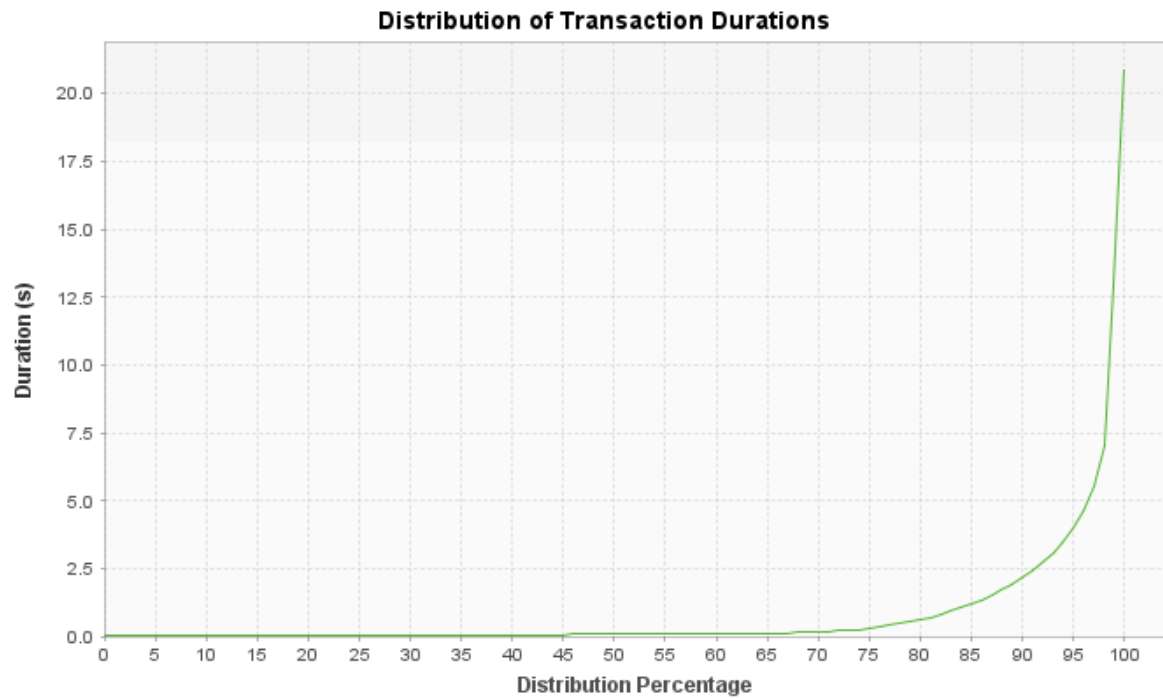
**Notes:** Displays the percentage of Transactions that were performed within a given time range. This graph helps determine the percentage of Transactions that meet a performance objective. For example, it may show that 90% of the Transactions have a duration under n seconds.

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