

# Performance Test Report



Date	Apr 12, 2023, 6:53:37 AM
Project	PrismHR_Main
Scenario	BE_QR_001_C5241574
Comment	This is the Quarterly Scenario for BE, TestRail Case <a href="https://fwdavison.testrail.com/index.php?/cases/view/5241574">https://fwdavison.testrail.com/index.php?/cases/view/5241574</a> BE_MR_ Jan2023 Test 2 ( time updates) BE MR_202301 C5241574 Test 3
Notes	

Table of Contents.....	2
Summary.....	3
Results summary.....	3
Statistics Summary.....	3
Hot spots.....	4
Errors.....	4
Alerts.....	4
General statistics.....	4
Transaction statistics.....	4
Execution context.....	6
Scenario .....	5
Servers.....	7
Populations.....	8
User Paths.....	9
Transactions.....	10
Pages.....	12
Media Contents.....	16
Push messages.....	11
Monitors.....	17
Main graphs.....	19
Average page response time.....	19
Average request response time.....	20
Average response time (Transactions).....	21
Requests per second.....	22
Errors.....	23
Throughput.....	24
Response time against load.....	25
Distribution of Transaction Durations.....	26

## Summary

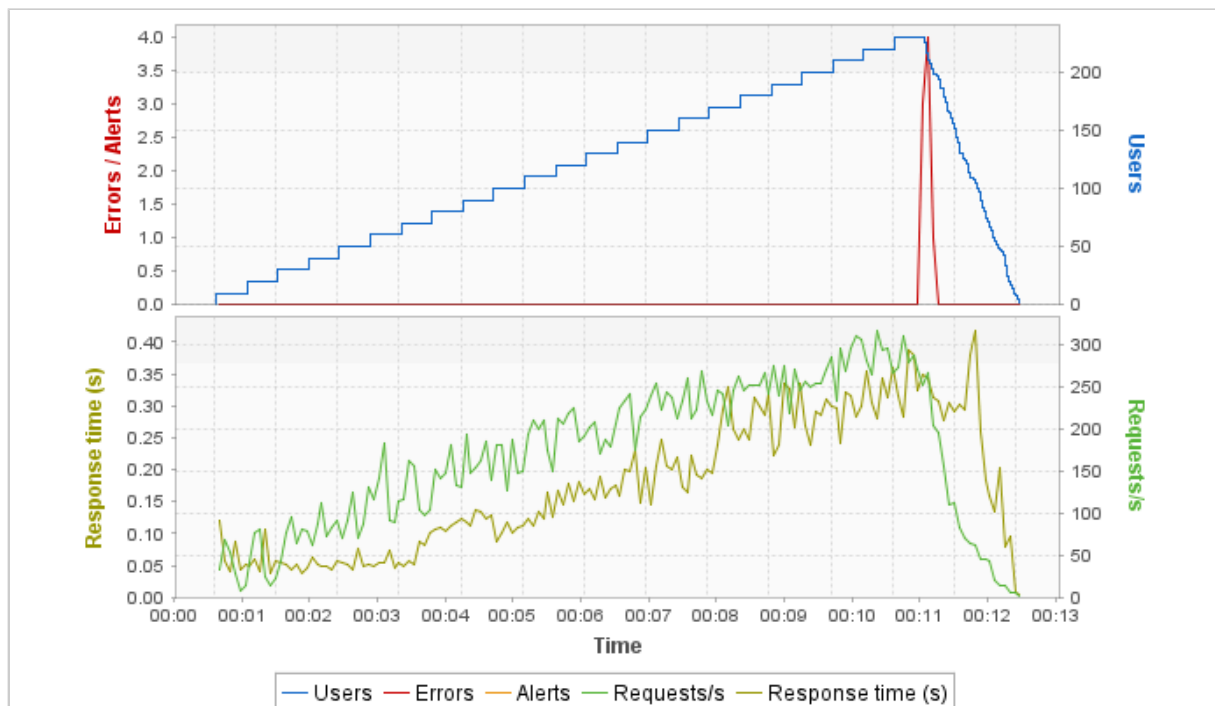
### Results summary

<b>Name</b>	06:51 - 12 Apr 2023	<b>Project</b>	PrismHR_Main
<b>Description</b>	This is the Quarterly Scenario for BE, TestRail Case <a href="https://fwdavison.testrail.com/index.php?/cases/view/5241574">https://fwdavison.testrail.com/index.php?/cases/view/5241574</a> BE_MR_Jan2023 Test 2 ( time updates) BE MR_202301 C5241574 Test 3	<b>Scenario</b>	BE_QR_001_C5241574
<b>Status</b>	✓ Passed	<b>Load Policy</b>	• The population BE is ramp up from 10 users adding 10 users every 30.0 seconds, to a maximum of 250 users.
<b>Start date</b>	Apr 12, 2023, 6:53:37 AM	<b>Stop Policy</b>	• Population BE: undefined.
<b>End date</b>	Apr 12, 2023, 7:06:40 AM	<b>Filters</b>	None
<b>Duration</b>	00:13:03	<b>Debug</b>	Disabled
<b>Termination reason</b>	No more variable values		
<b>LG Hosts</b>	887357-1RDPT002.davison.io cal:7100		

### Statistics Summary

<b>Total pages</b>	22894	<b>Average pages/s</b>	29.2
<b>Total requests</b>	133332	<b>Average requests/s</b>	170.1
<b>Total users launched</b>	231	<b>Average Request response time</b>	0.211 s
<b>Total iterations completed</b>	1002	<b>Average Page response time</b>	1.14 s
<b>Total throughput</b>	5,353 MB	<b>Average throughput</b>	54.62 Mb/s
<b>Total request errors</b>	8	<b>Error rate</b>	0 %
<b>Total action errors</b>	0	<b>Alerts total duration</b>	0 %

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



## Hot spots

### Top 5 errors

User Path	Parent	Page	Count
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login	8

### Top 5 alerts

No alerts
-----------

### First critical alerts

No alerts
-----------

### Top 5 average response time (Pages)

User Path	Parent	Page	Duration
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login_1	5.4
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login	2.24
BE_Standard_C4484573	BE_Benefit Enrollment	/wave1/apis/ep/peos	2.03
BE_Standard_C4484573	BE_Confirm Enrollment	/wave1/apis/obbe/rest2/qaphr998...FIRM.ENROLLMENT/ null	1.99
BE_Standard_C4484573	BE_Dependents	/wave1/apis/obbe/rest2/qaphr998...UMMARY/ getEnrollment	1.85

### Top 5 maximum response time (Pages)

User Path	Parent	Page	Duration
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login_1	16
BE_Standard_C4484573	BE_Commuter Form	/wave1/apis/obbe/rest2/qaphr998...MMARY/ saveEnrollment	8.74
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login	8.36
BE_Standard_C4484573	BE_Benefit Enrollment	/wave1/apis/ep/peos	7.87
BE_Standard_C4484573	BE_FSA	/wave1/apis/obbe/rest2/qaphr998...MMARY/ saveEnrollment	7.56

## Errors

### Request errors

Error Type	Count	Description
Assertions	8	Validation of the response failed.
Total	8	Total error count.

### Action errors

No errors
-----------

## Alerts

No alerts
-----------

## General statistics

Min	Avg	Max	Count	Err	% of Err	SLA Profile
All User Paths						
1.26	112.5	180.6	231	8	3.5	-
All pages						
0	1.13	16	22,894	8	0	-
All requests						
0	0.211	6.39	133,332	8	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	1.86	23	13,940	8	0.1	1.04	7.31	14.8	2.82	1.42	-

## Scenario

### Summary

<b>Name</b>	06:51 - 12 Apr 2023	<b>Project</b>	PrismHR_Main
<b>Description</b>	This is the Quarterly Scenario for BE, TestRail Case <a href="https://fwdavison.testrail.com/index.php?/cases/view/5241574">https://fwdavison.testrail.com/index.php?/cases/view/5241574</a> BE_MR_Jan2023 Test 2 ( time updates) BE MR_202301 C5241574 Test 3	<b>Scenario</b>	BE_QR_001_C5241574
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<b>Duration</b>	00:13:03	<b>Debug</b>	Disabled
<b>Termination reason</b>	No more variable values		
<b>LG Hosts</b>	887357-1RDPT002.davison.local:7100		

### Populations

#### BE

User Path	Percentage	WAN Emulation	Signal strength	Bandwidth ↑	Latency ↑	Packet loss % ↑	Bandwidth ↓	Latency ↓	Packet loss % ↓	Browser	Handle cookies	Connecti	Handle cache
BE_Standard_C4484	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
BE_Standard_C44845	This BE User Path is for the TestRail User Path Case <a href="https://fwdavison.testrail.com/index.php?/cases/view/448457">https://fwdavison.testrail.com/index.php?/cases/view/448457</a>	Stop and start a new Virtual User	Go to the next iteration	From pages	15%

### Rendezvous

Enabled	Name	Policy	Value	Timeout
Empty list				

## Execution context

<b>Name</b>	06:51 - 12 Apr 2023	<b>Project</b>	PrismHR_Main
<b>Description</b>	This is the Quarterly Scenario for BE, TestRail Case <a href="https://fwdavison.testrail.com/index.php?/cases/view/5241574">https://fwdavison.testrail.com/index.php?/cases/view/5241574</a> BE_MR_Jan2023 Test 2 ( time updates) BE MR_202301 C5241574 Test 3	<b>Scenario</b>	BE_QR_001_C5241574
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<b>End date</b>	Apr 12, 2023, 7:06:40 AM		
<b>Duration</b>	00:13:03		
<b>Termination reason</b>	No more variable values	<b>Filters</b>	None
<b>LG Hosts</b>	887357-1RDPT002.davison.io cal:7100	<b>Debug</b>	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	

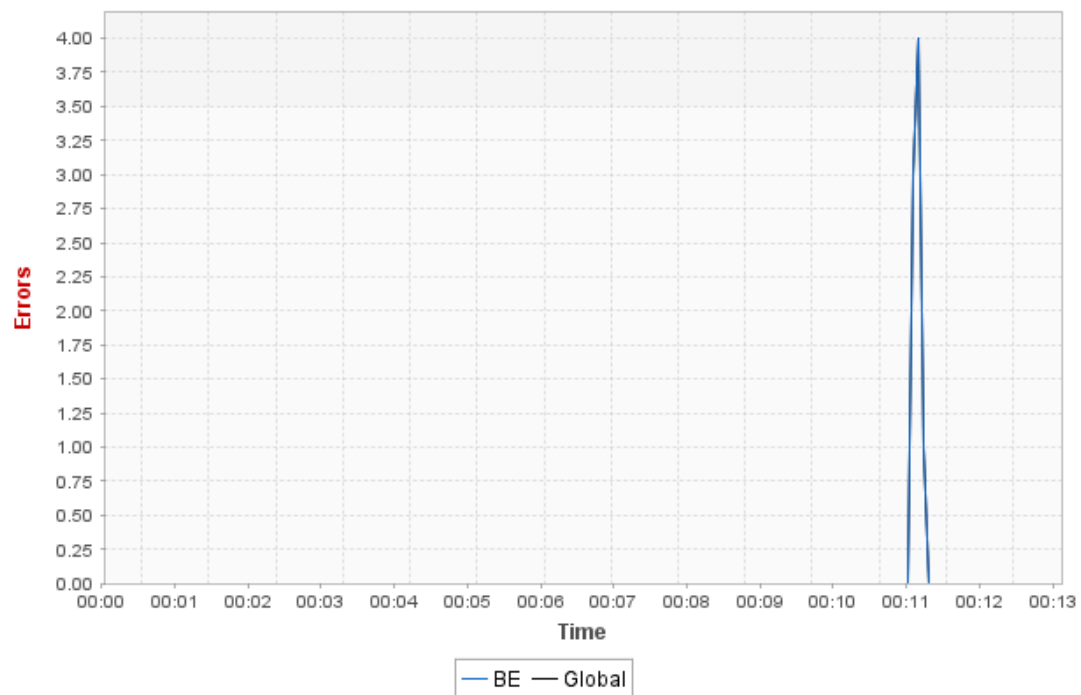
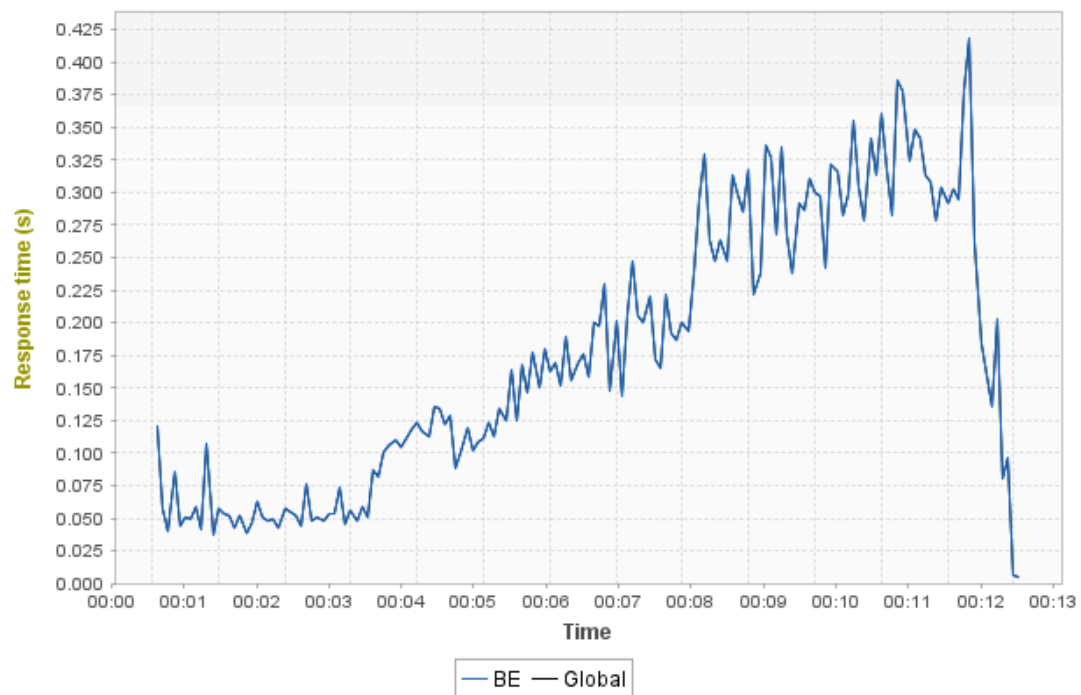
## User Paths settings

<b>BE_Standard_C4484573</b>	
Error policy:	Go to the next iteration
Assertion policy:	Stop and start a new Virtual User
Thinktime policy:	defined in pages (with random delay of +/- 15%)
Pacing:	No pacing

### Servers

Host	Port	HTTP/2 ready	HTTP/2 used
js-agent.newrelic.com	443	Yes	Yes
qaphr998two-ep.prismhr.com	443	No	No

## Graphs




## Statistics

Population	Total requests	Average requests/s	Avg. Page res. time	Error rate
BE	133332 (100%)	170.1	1.14s (0%)	0% (0%)
Global	133332 (100%)	170.1	1.14s	0%





















### User Paths

Min	Avg	Max	Count	Err	% of Err	SLA Profile
 BE_Standard_C4484573						
1.26	112.5	180.6	231	8	3.5	-

## Shared Containers

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

## BE\_Standard\_C4484573

Min	Avg	Max	Count	Err	% of Err	Perc 50	Perc 95	Perc 99	Std Dev	Avg-90%	SLA Profile
 BE_Standard_C4484573											
1.26	112.5	180.6	231	8	3.5	-	-	-	-	-	-
 Init											
0	0	0	231	0	0	-	-	-	-	-	-
 Actions											
0.305	25.9	54.1	1,002	8	0.8	-	-	-	-	-	-
 START											
0	0	0	1,002	0	0	0	0	0	0	0	-
 BE_Landing											
0.226	0.863	4.55	1,002	0	0	0.527	2.32	3.08	0.689	0.794	-
 BE_Login											
0	8.78	23	1,002	8	0.8	8.71	17.3	20.4	5.08	8.63	-
 BE_Benefit Enrollment											
1.38	4.43	12.1	994	0	0	4.21	8.51	10	2.17	4.31	-
 BE_Welcome_Benefit Enrollment											
0.099	1.11	5.46	994	0	0	1.14	3.22	4.16	1.03	1.02	-
 BE_Dependents											
0.28	1.85	7.15	994	0	0	1.51	4.5	5.79	1.38	1.74	-
 BE_Medical											
0.199	1.37	7.06	994	0	0	1.29	3.52	4.74	1.16	1.27	-
 BE_HSA											
0.19	1.35	7.5	994	0	0	1.27	3.52	4.92	1.16	1.24	-
 BE_FSA											
0.25	1.64	7.78	994	0	0	1.43	3.94	5.01	1.21	1.54	-
 BE_Commuter Form											
0.317	1.92	8.89	994	0	0	1.58	4.65	6.11	1.4	1.81	-
 BE_Benefit Summary											
0.037	0.635	6.63	994	0	0	0.147	2.18	3.18	0.797	0.54	-
 BE_Confirm Enrollment											
0.266	1.99	7.01	994	0	0	1.61	4.65	6.21	1.43	1.88	-
 BE_Logout											
0.002	0.124	2.06	994	0	0	0.034	1.03	1.14	0.293	0.072	-
 FINISH											
0	0	0	994	0	0	0	0	0	0	0	-
 End											
0	0	0	231	0	0	-	-	-	-	-	-

## Push messages

### Shared Containers

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



### BE\_Standard\_C4484573


















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

## Shared Containers

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

## BE\_Standard\_C4484573


































Min	Avg	Max	Count	Err	% of Err	SLA Profile
 BE_Standard_C4484573						
1.26	112.5	180.6	231	8	3.5	-
 Actions						
0.305	25.9	54.1	1,002	8	0.8	-
 BE_Landing						
0.226	0.863	4.55	1,002	0	0	-
 /						
0.159	0.375	2.17	1,002	0	0	-
 /1081.91afdd311a74c3ae.js						
0.013	0.233	2.1	1,002	0	0	-
 /wave1/apis/ep/logout						
0.037	0.254	2.59	1,002	0	0	-
 BE_Login						
0	8.78	23	1,002	8	0.8	-
 /wave1/apis/ep/login						
0	2.24	8.36	1,002	8	0.8	-
 /wave1/apis/ep/login_1						
0.713	5.4	16	994	0	0	-
 /wave1/apis/ep/benefits/104/summary/						
0.107	1.19	5.63	994	0	0	-
 BE_Benefit Enrollment						
1.38	4.43	12.1	994	0	0	-
 /wave1/apis/ep/sso/obbe						
0.014	0.18	2.32	994	0	0	-
 /phr/ess/qaphr998two/sso/benefitEnrollment						
0.304	1.03	4.09	994	0	0	-
 /wave1/apis/ep/peos						
0.661	2.03	7.87	994	0	0	-
 /						
0.29	0.904	4.31	994	0	0	-
 /wave1/apis/obbe/rest2/qaphr99....JSFORMS.EDIT/getForm						
0.022	0.283	3.05	994	0	0	-
 BE_Welcome_Benefit Enrollment						
0.099	1.11	5.46	994	0	0	-
 /wave1/apis/obbe/rest2/qaphr99....JSFORMS.EDIT/getForm						
0.099	1.11	5.46	994	0	0	-
 BE_Dependents						
0.28	1.85	7.15	994	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...UMMARY/getEnrollment						
0.28	1.85	7.15	994	0	0	-





Min	Avg	Max	Count	Err	% of Err	SLA Profile
 <b>BE_Medical</b>						
0.199	1.37	7.06	994	0	0	-
 <b>/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment</b>						
0.199	1.37	7.06	994	0	0	-
 <b>BE_HSA</b>						
0.19	1.35	7.5	994	0	0	-
 <b>/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment</b>						
0.19	1.35	7.5	994	0	0	-
 <b>BE_FSA</b>						
0.25	1.64	7.78	994	0	0	-
 <b>/wave1/apis/obbe/rest2/qaphr99...AN.SUMMARY/getValues</b>						
0.029	0.318	3.06	994	0	0	-
 <b>/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment</b>						
0.211	1.32	7.56	994	0	0	-
 <b>BE_Commuter Form</b>						
0.317	1.92	8.89	994	0	0	-
 <b>/wave1/apis/obbe/rest2/qaphr99...AN.SUMMARY/getValues</b>						
0.028	0.311	3.06	994	0	0	-
 <b>/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment</b>						
0.281	1.61	8.74	994	0	0	-
 <b>BE_Benefit Summary</b>						
0.037	0.635	6.63	994	0	0	-
 <b>/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment</b>						
0.037	0.635	6.63	994	0	0	-
 <b>BE_Confirm Enrollment</b>						
0.266	1.99	7.01	994	0	0	-
 <b>/wave1/apis/obbe/rest2/qaphr99...FIRM.ENROLLMENT/null</b>						
0.266	1.99	7.01	994	0	0	-
 <b>BE_Logout</b>						
0.002	0.124	2.06	994	0	0	-
 <b>/wave1/apis/ep/logout</b>						
0	0.035	1.08	994	0	0	-
 <b>/</b>						
0.002	0.088	2.02	994	0	0	-

## Shared Containers

SLA	Value	Severity
Empty list		

## BE\_Standard\_C4484573

SLA	Value	Severity
 BE_Standard_C4484573		
 Actions		
 BE_Landing		
 /		
 /1081.91afdd311a74c3ae.js		
 /wave1/apis/ep/logout		
 BE_Login		
 /wave1/apis/ep/login		
 /wave1/apis/ep/login_1		
 /wave1/apis/ep/benefits/104/summary/		
 BE_Benefit Enrollment		
 /wave1/apis/ep/sso/obbe		
 /phr/ess/qaphr998two/sso/benefitEnrollment		
 /wave1/apis/ep/peos		
 /		
 /wave1/apis/obbe/rest2/qaphr99...JSFORMS.EDIT/getForm		
 BE_Welcome_Benefit Enrollment		
 /wave1/apis/obbe/rest2/qaphr99...JSFORMS.EDIT/getForm		
 BE_Dependents		
 /wave1/apis/obbe/rest2/qaphr99...MMARY/getEnrollment		
 BE_Medical		
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment		
 BE_HSA		
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment		
 BE_FSA		
 /wave1/apis/obbe/rest2/qaphr99...AN.SUMMARY/getValues		
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment		
 BE_Commuter Form		
 /wave1/apis/obbe/rest2/qaphr99...AN.SUMMARY/getValues		
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment		
 BE_Benefit Summary		
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment		
 BE_Confirm Enrollment		

SLA	Value	Severity
	 /wave1/apis/obbe/rest2/qaphr99...FIRM.ENROLLMENT/null	
	 BE_Logout	
	 /wave1/apis/ep/logout	
	 /	

**BE\_Standard\_C4484573**

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



## Controller

### Performance Counters

Min	Avg	Max	Med	Avg-90%	Std Dev
<b>Controller/User Load</b>					
0	118.5	230	120	118.3	66.4
<b>Controller/Throughput</b>					
0	54.6	199.5	53.7	52.8	39.3
<b>Controller/Alerts</b>					
0	0	0	0	0	-
<b>Controller/Critical Alerts</b>					
0	0	0	0	0	-
<b>Controller/Warning Alerts</b>					
0	0	0	0	0	-
<b>Controller/CPU Load</b>					
0	32.6	86	32	32	4.93
<b>Controller/JVM Memory Used</b>					
0	18	24	18	17.9	3.12
<b>Controller/OS Memory Used</b>					
-	41	42	41	41	1.53
<b>Controller/Thread Count</b>					
0	551.4	563	551	551.6	19.9
<b>Controller/Connected</b>					
0	0.999	1	1	1	0.036
<b>Controller/Total Disconnections</b>					
0	0	0	0	0	0
<b>Controller/Total Reconnections</b>					
0	0	0	0	0	0
<b>Controller/Network/Segments sent/sec.</b>					
0	119.9	3,131	104.6	106.4	166.1
<b>Controller/Network/Segments retransmitted/sec.</b>					
0	0.132	51.6	0	0	2.6
<b>Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits received/sec.</b>					
0	0.356	2.02	0.134	0.303	0.478
<b>Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits sent/sec.</b>					
0	0.913	2.81	0.956	0.899	0.495
<b>Controller/Network/eth13 (vmxnet3 Ethernet Adapter #2)/Megabits received/sec.</b>					
0	0	0	0	0	-
<b>Controller/Network/eth13 (vmxnet3 Ethernet Adapter #2)/Megabits sent/sec.</b>					
0	0	0	0	0	-
<b>Controller/Default zone/User Load</b>					
0	118.5	230	120	118.3	66.4
<b>Controller/Default zone/BE/User Load</b>					
2	118.6	230	120	118.5	66.3
<b>Controller/Default zone/BE/BE_Standard_C4484573/User Load</b>					
2	118.6	230	120	118.5	66.3

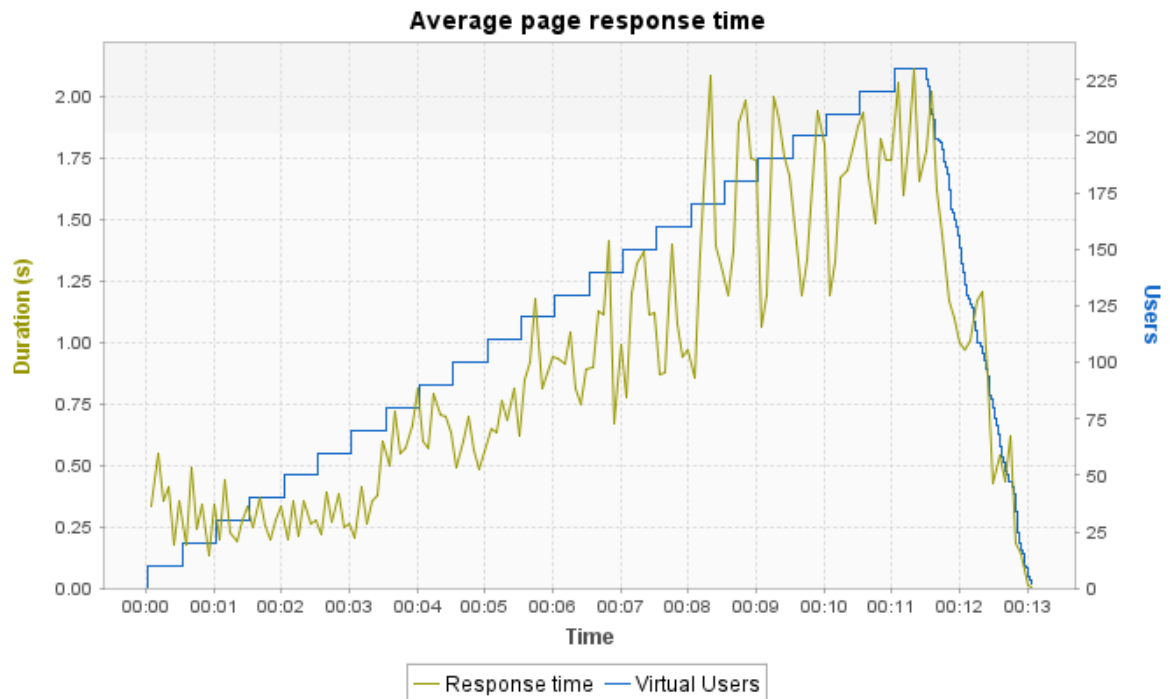
## LG 887357-1RDPT002.davison.local:7100

### Performance Counters

Min	Avg	Max	Med	Avg-90%	Std Dev
<b>LG 887357-1RDPT002.davison.local:7100/CPU Load</b>					
0	20.6	96	21	20.4	8.99
<b>LG 887357-1RDPT002.davison.local:7100/JVM Memory Used</b>					
0	5.72	19	5	5.43	2.99

Min	Avg	Max	Med	Avg-90%	Std Dev
<b>LG 887357-1RDPT002.davison.local:7100/OS Memory Used</b>					
43	46.3	50	46	46.2	2.02
<b>LG 887357-1RDPT002.davison.local:7100/Throughput</b>					
0	54.6	199.5	53.7	52.8	39.3
<b>LG 887357-1RDPT002.davison.local:7100/User Load</b>					
0	118.5	230	120	118.3	66.4
<b>LG 887357-1RDPT002.davison.local:7100/Thread Count</b>					
0	221.5	373	214	220.4	83.5
<b>LG 887357-1RDPT002.davison.local:7100/Http client/Thread Pool used</b>					
0	0.112	0.195	0.1	0.109	0.026
<b>LG 887357-1RDPT002.davison.local:7100/Http client/Task Pool used</b>					
0	0.001	0.067	0	0	0.005
<b>LG 887357-1RDPT002.davison.local:7100/Controller Connection/Disconnections</b>					
0	0	0	0	0	-
<b>LG 887357-1RDPT002.davison.local:7100/Controller Connection/Reconnections</b>					
0	0	0	0	0	-
<b>LG 887357-1RDPT002.davison.local:7100/Controller Connection/Ping Duration (ms)</b>					
0	45.8	65	49	47.2	17
<b>LG 887357-1RDPT002.davison.local:7100/Network/Segments sent/sec.</b>					
0	2,695	44,484	0	2,081	4,472
<b>LG 887357-1RDPT002.davison.local:7100/Network/Segments retransmitted/sec.</b>					
0	0	0	0	0	0
<b>LG 887357-1RDPT002.davison.local:7100/Network/eth5 (vmxn...gabits received/sec.</b>					
0	0	0	0	0	-
<b>LG 887357-1RDPT002.davison.local:7100/Network/eth5 (vmxn...)/Megabits sent/sec.</b>					
0	0	0	0	0	-
<b>LG 887357-1RDPT002.davison.local:7100/Network/eth4 (vmxn...gabits received/sec.</b>					
0.012	57.1	209.2	56.5	55.3	41
<b>LG 887357-1RDPT002.davison.local:7100/Network/eth4 (vmxn...)/Megabits sent/sec.</b>					
0.022	2.66	6.86	2.78	2.64	1.45

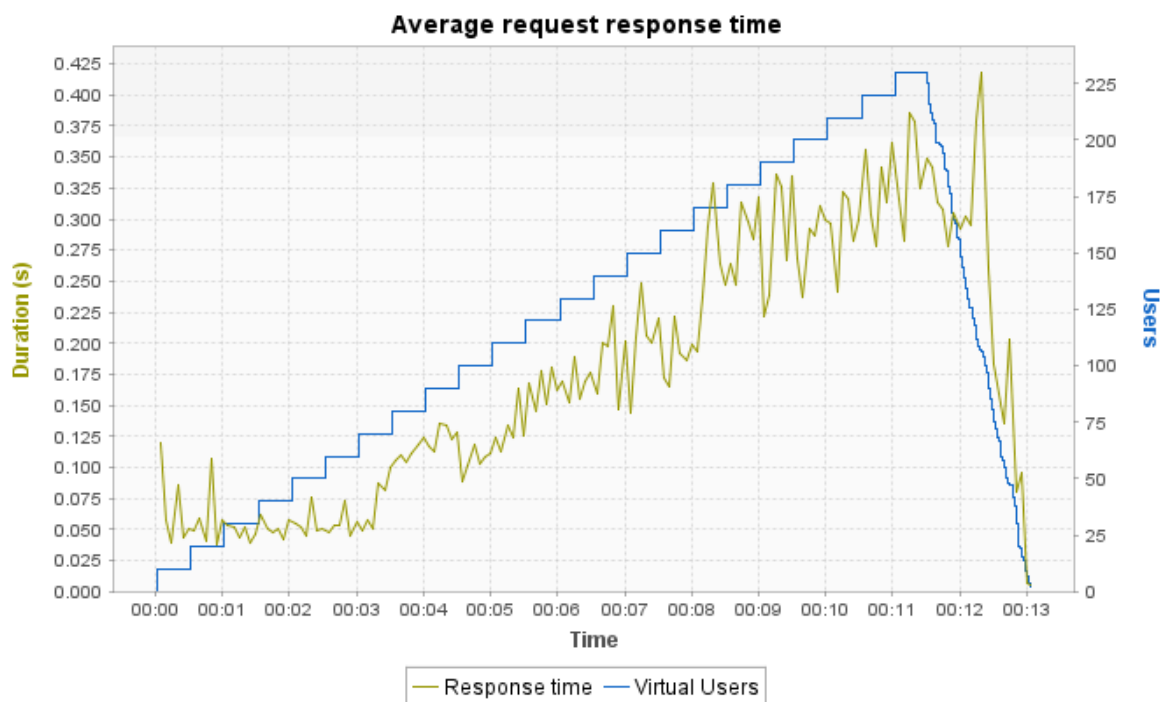
## Average page response time



Min	Average	Max
0.008	1.135	2.116

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

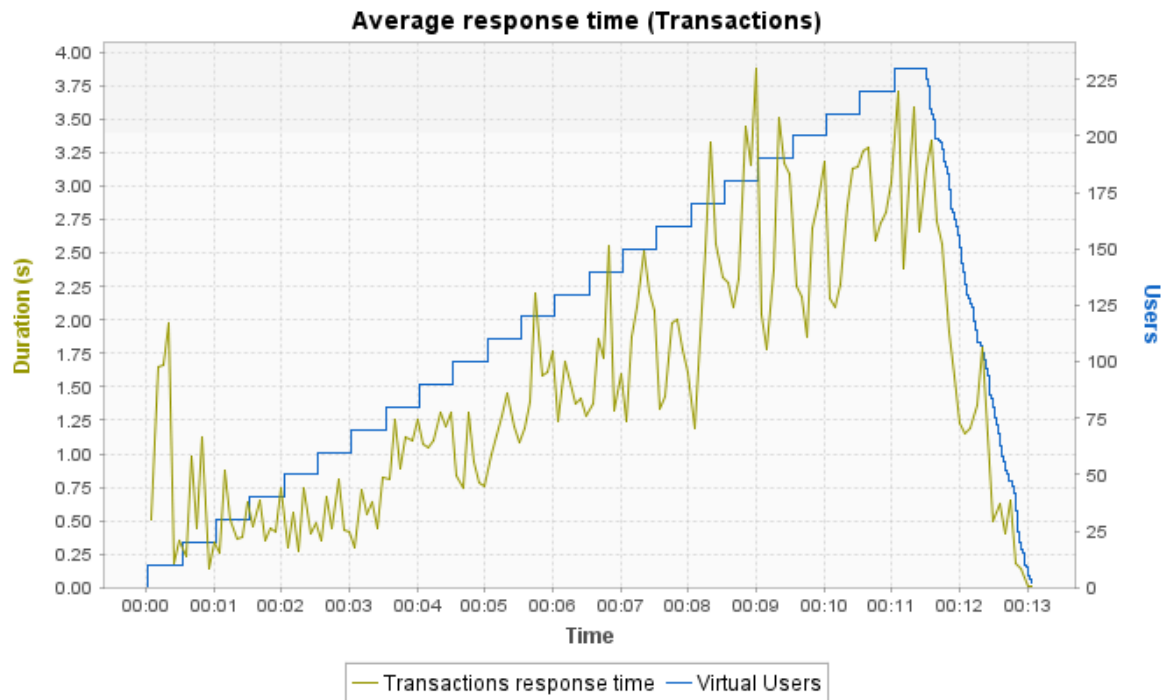
## Average request response time



Min	Average	Max
0.006	0.211	0.418

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

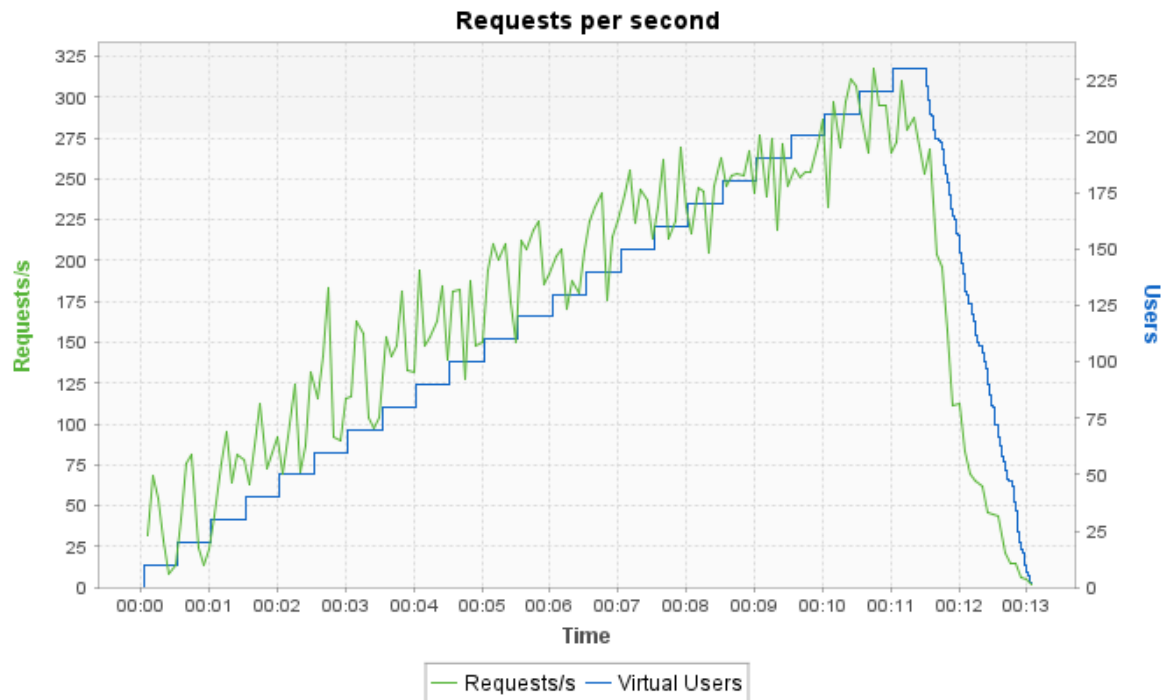
## Average response time (Transactions)



Min	Average	Max	Median	Avg-90%	Std. Dev.
0.006	1.864	3.882	1.79	1.853	0.929

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

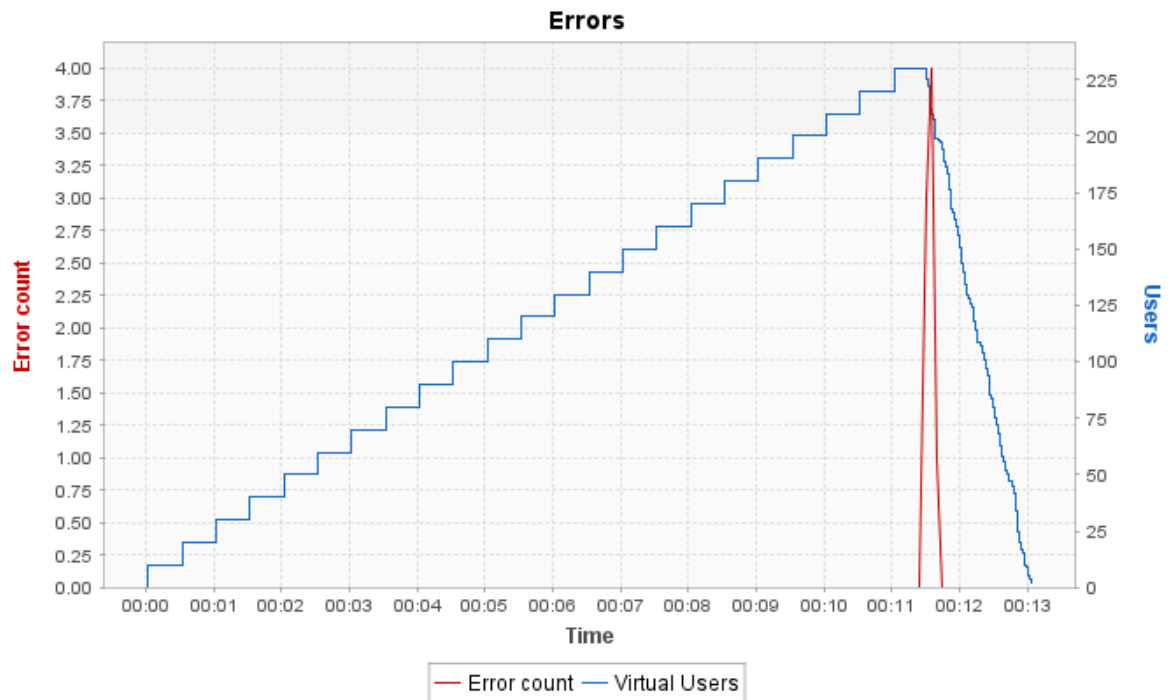
## Requests per second



Min	Average	Max
2.2	170.1	317.6

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

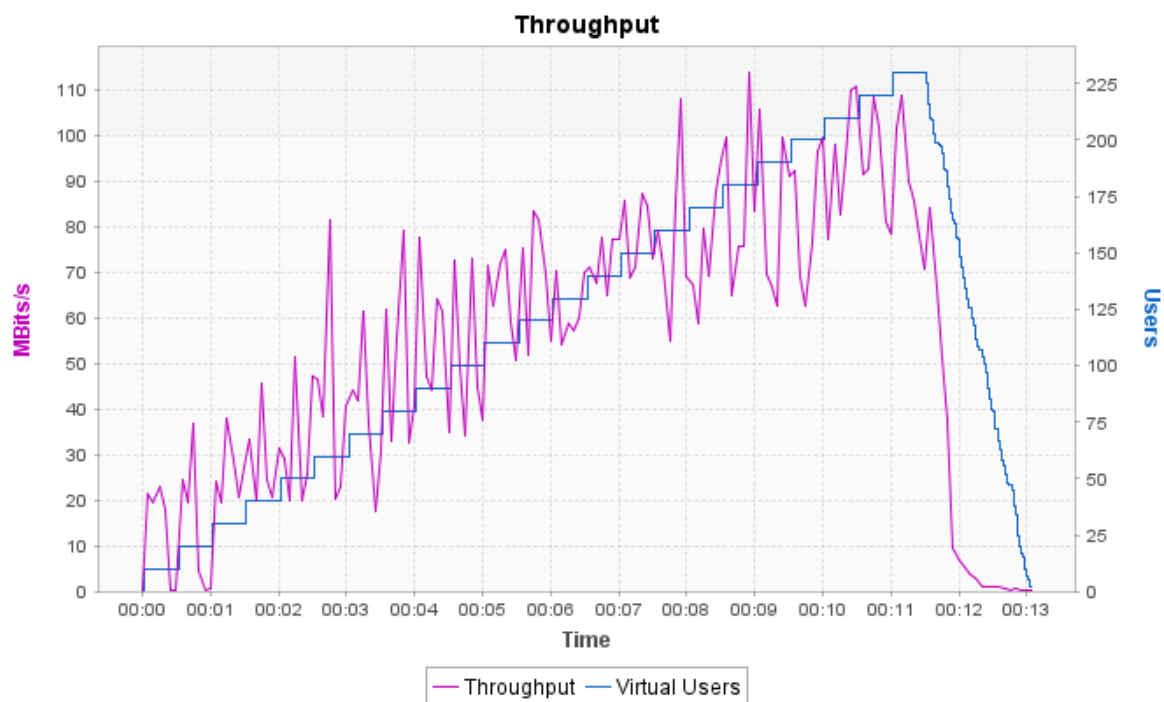
## Errors



Min	Average	Max
0	0.1	4

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

## Throughput

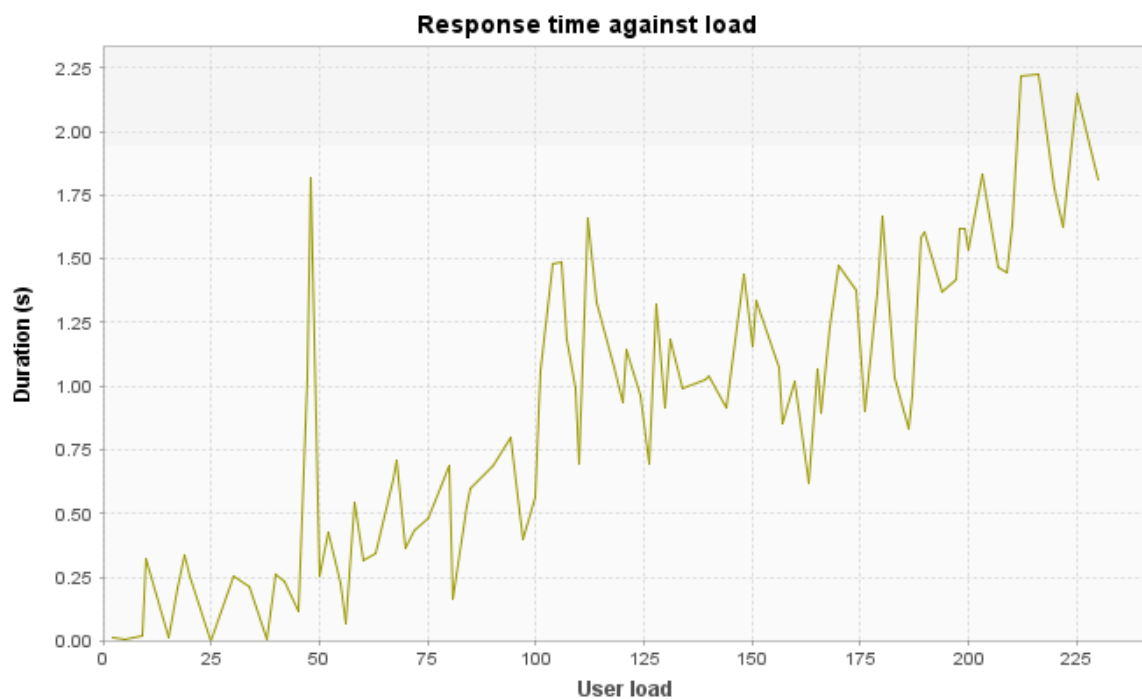


Min	Average	Max
0	54.21	113.73

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



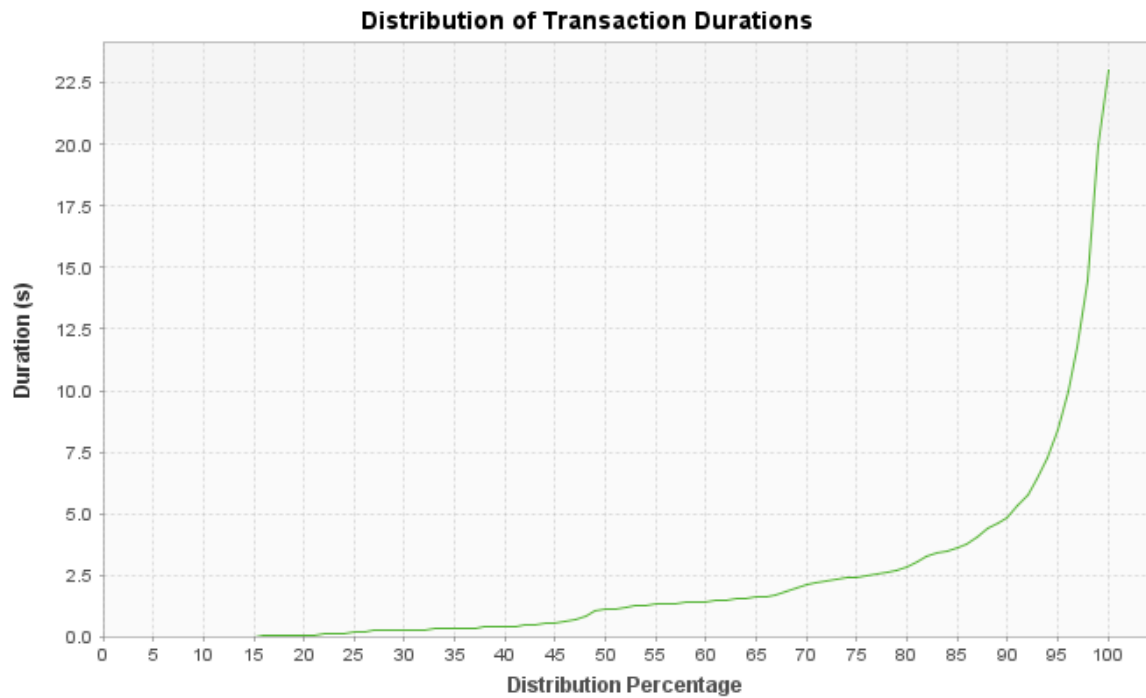
## Response time against load



Min	Average	Max
0	0.921	2.223

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

## 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.