Performance Test Report

Date	Apr 11, 2023, 6:18:55 AM
Project	PrismHR_Main
Scenario	EP_C5241575
Comment	This is the Quarterly Scenario for EP, TestRail Case https://fwdavison.testrail.com/index.php?/cases/view/5241575 EP_C5241575_QR_202303-T3
Notes	

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Summary

Results summary

Name	06:18 - 11 Apr 2023	Project	PrismHR_Main
Description	This is the Quarterly Scenario for EP, TestRail Case https://fwdavison.testrail.com/index.php?/cases/view/5241575 EP_C5241575_QR_202303-T3	Scenario	EP_C5241575
Status	✅ Passed	Load Policy	• The population EP is ramp up from 10 users adding 10 users every 30.0 seconds, to a maximum of 250 users.
Start date	Apr 11, 2023, 6:18:55 AM		
End date	Apr 11, 2023, 6:32:56 AM	Stop Policy	• Population EP: undefined.
Duration	00:14:01		
Termination reason	Execution policy	Filters	None
LG Hosts	10.149.80.138:7100	Debug	Disabled

Statistics Summary

Total pages	21330	▬	Average pages/s	25.3	▬
Total requests	123714	▬	Average requests/s	146.9	▬
Total users launched	250	▬	Average Request response time	0.353 s	▬
Total iterations completed	1422	▬	Average Page response time	1.94 s	▬
Total throughput	5,085 MB	▬	Average throughput	48.32 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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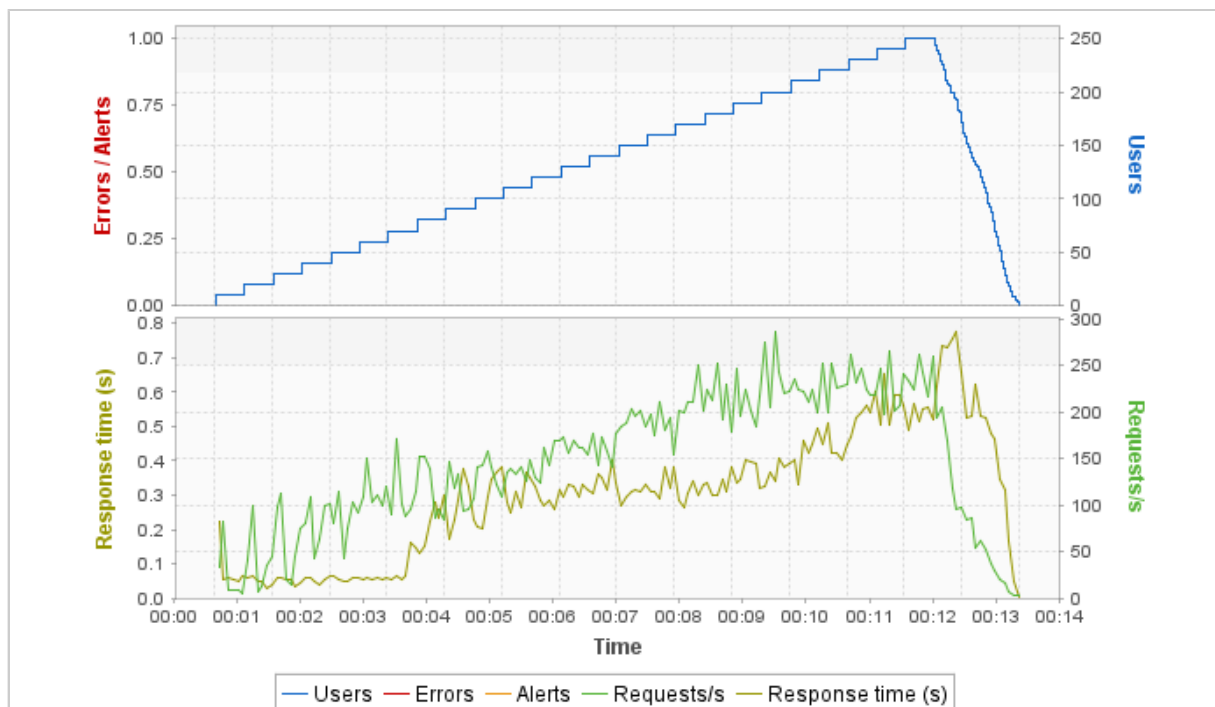
Hot spots

Top 5 errors

No errors on pages

Top 5 alerts

No alerts

First critical alerts

No alerts

Top 5 average response time (Pages)

User Path	Parent	Page	Duration
EP_Standard_C4484572	EP_Dashboard	/wave1/apis/ep/clients/544/events	6.92
EP_Standard_C4484572	EP_Login	/wave1/apis/ep/clients/544/events	5.56
EP_Standard_C4484572	EP_Login	/wave1/apis/ep/session	3.52
EP_Standard_C4484572	EP_Employment Summary	/0.bd762821f2a3e5eb.js	3.44
EP_Standard_C4484572	EP_Login	/wave1/apis/ep/login	3.38

Top 5 maximum response time (Pages)

User Path	Parent	Page	Duration
EP_Standard_C4484572	EP_Dashboard	/wave1/apis/ep/clients/544/events	18.9
EP_Standard_C4484572	EP_Login	/wave1/apis/ep/clients/544/events	14.8
EP_Standard_C4484572	EP_Login	/wave1/apis/ep/session	14.5
EP_Standard_C4484572	EP_Login	/wave1/apis/ep/login	11.4
EP_Standard_C4484572	EP_Employment Summary	/0.bd762821f2a3e5eb.js	9.69

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						
34.1	165.6	274.2	250	0	0	-
All pages						
0	1.94	18.9	21,330	0	0	-
All requests						
0	0.353	8.13	123,714	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	2.91	36.9	14,220	0	0	1.03	14.8	23.4	5.05	2.13	-

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Scenario

Summary

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Populations

EP

User Path	Percentage	WAN Emulation	Signal strength	Bandwidth ↑	Latency ↑	Packet loss % ↑	Bandwidth ↓	Latency ↓	Packet loss % ↓	Browser	Handle cookies	Connectic	Handle cache
EP_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
EP_Standard_C44845	This EP User Path is for the TestRail User Path Case https://fwdavison.testrail.com/index.php?/cases/view/4484572	Stop and start a new Virtual User	Go to the next iteration	From pages	15%

Rendezvous

Enabled	Name	Policy	Value	Timeout
Empty list				

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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

EP_Standard_C4484572
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

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Servers

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

Graphs
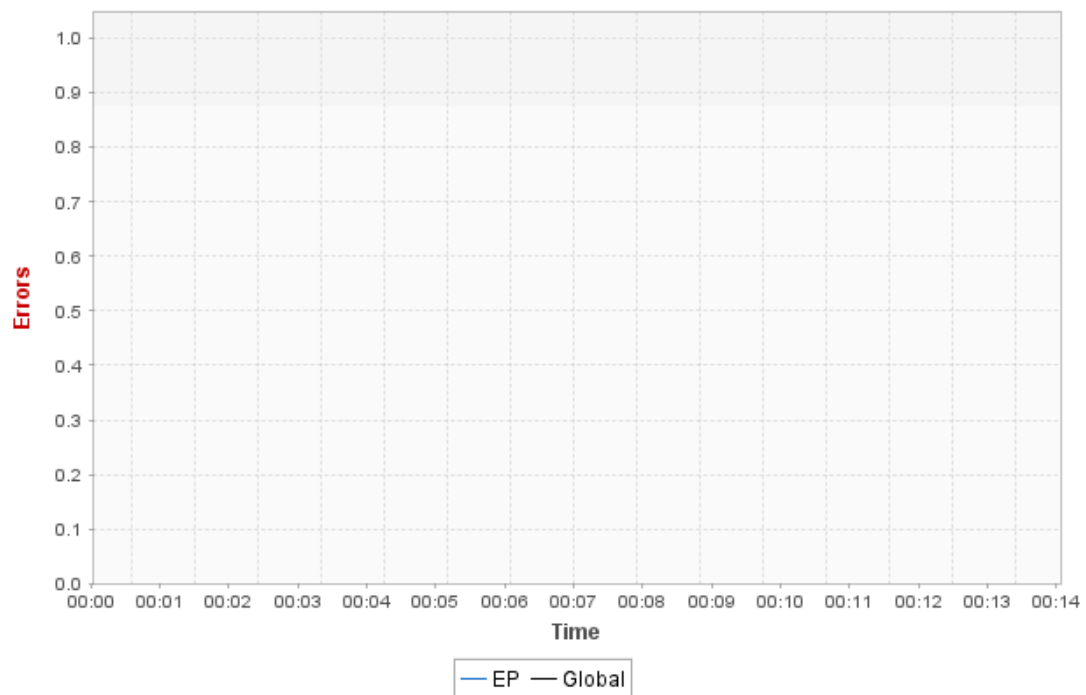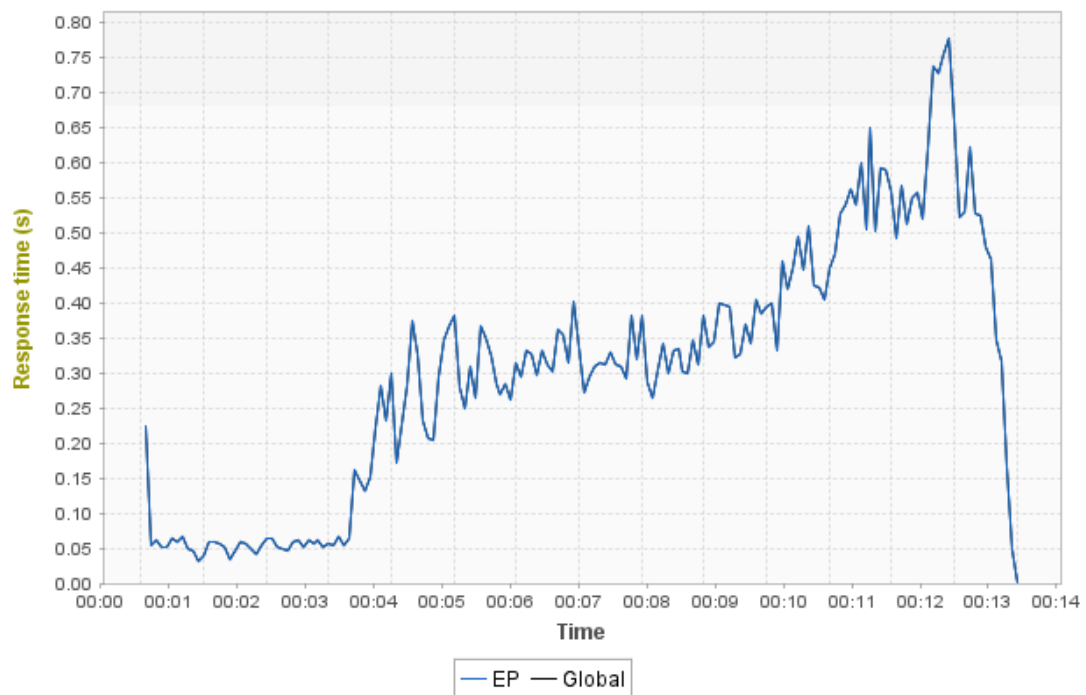
Statistics

Population	Total requests	Average requests/s	Avg. Page res. time	Error rate
EP	123714 (100%)	146.9	1.94s (0%)	0% (- %)
Global	123714 (100%)	146.9	1.94s	0%

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User Paths

Min	Avg	Max	Count	Err	% of Err	SLA Profile
EP_Standard_C4484572						
34.1	165.6	274.2	250	0	0	-

User Paths

Min	Avg	Max	Count	Err	% of Err	SLA Profile
EP_Standard_C4484572						

Shared Containers

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

EP_Standard_C4484572

Min	Avg	Max	Count	Err	% of Err	Perc 50	Perc 95	Perc 99	Std Dev	Avg-90%	SLA Profile
👤 EP_Standard_C4484572											
34.1	165.6	274.2	250	0	0	-	-	-	-	-	-
📁 Init											
0	0	0	250	0	0	-	-	-	-	-	-
📁 Actions											
3.4	29.1	59.5	1,422	0	0	-	-	-	-	-	-
📁 START											
0	0	0	1,422	0	0	0	0	0	0	0	-
📁 EP_Landing											
0.211	0.979	4.31	1,422	0	0	1.1	2.28	3.25	0.754	0.918	-
📁 EP_Login											
1.39	14.3	36.9	1,422	0	0	14.2	25.1	29.9	6.91	14.2	-
📁 EP_Employment Summary											
0.318	3.44	9.69	1,422	0	0	3.46	7.47	8.83	2.11	3.34	-
📁 EP_Personal Info											
0.172	1.82	6.36	1,422	0	0	1.4	4.27	5.3	1.28	1.74	-
📁 EP_Contact Info											
0.1	0.714	3.32	1,422	0	0	0.279	2.06	2.19	0.65	0.658	-
📁 EP_Address											
0.103	0.702	3.15	1,422	0	0	0.231	2.05	2.18	0.634	0.646	-
📁 EP_Dashboard											
0.572	6.98	19.2	1,422	0	0	6.84	13.2	16.1	3.7	6.87	-
📁 EP_Logout											
0.002	0.169	2.16	1,422	0	0	0.031	1.04	1.12	0.362	0.122	-
📁 FINISH											
0	0	0	1,422	0	0	0	0	0	0	0	-
📁 End											
0	0	0	250	0	0	-	-	-	-	-	-

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Shared Containers

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

EP_Standard_C4484572

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

Pages

Shared Containers

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

EP_Standard_C4484572

| Min	Avg	Max	Count	Err	% of Err	SLA Profile
👤 EP_Standard_C4484572						
34.1	165.6	274.2	250	0	0	-
📁 Actions						
3.4	29.1	59.5	1,422	0	0	-
📁 EP_Landing						
0.211	0.979	4.31	1,422	0	0	-
/						
0.161	0.567	2.29	1,422	0	0	-
/favicon.ico						
0.039	0.411	3.12	1,422	0	0	-
📁 EP_Login						
1.39	14.3	36.9	1,422	0	0	-
/wave1/apis/ep/login						
0.239	3.38	11.4	1,422	0	0	-
/wave1/apis/ep/login_1						
0.03	0.472	2.25	1,422	0	0	-
/wave1/apis/ep/session						
0.355	3.52	14.5	1,422	0	0	-
/wave1/apis/ep/clients/544/events						
0.445	5.56	14.8	1,422	0	0	-
/wave1/apis/ep/payroll/history-paystub						
0.122	1.38	6.37	1,422	0	0	-
📁 EP_Employment Summary						
0.318	3.44	9.69	1,422	0	0	-
/0.bd762821f2a3e5eb.js						
0.318	3.44	9.69	1,422	0	0	-
📁 EP_Personal Info						
0.172	1.82	6.36	1,422	0	0	-
/8661.fde1a8ffce2ab6f0.js						
0.172	1.82	6.36	1,422	0	0	-
📁 EP_Contact Info						
0.1	0.714	3.32	1,422	0	0	-
/4435.5bb77e98545c7675.js						
0.1	0.714	3.32	1,422	0	0	-
📁 EP_Address						
0.103	0.702	3.15	1,422	0	0	-
/domainreliability/upload						
0.103	0.702	3.15	1,422	0	0	-
📁 EP_Dashboard						
0.572	6.98	19.2	1,422	0	0	-

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Min	Avg	Max	Count	Err	% of Err	SLA Profile
	/wave1/apis/ep/session					
0	0.054	1.09	1,422	0	0	-
	/wave1/apis/ep/clients/544/events					
0.572	6.92	18.9	1,422	0	0	-
	EP_Logout					
0.002	0.169	2.16	1,422	0	0	-
	/wave1/apis/ep/logout					
0	0.056	1.13	1,422	0	0	-
	/wave1/apis/ep/logout_1					
0.002	0.113	2.12	1,422	0	0	-

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Shared Containers

SLA	Value	Severity
Empty list		

Page 14

EP_Standard_C4484572

SLA	Value	Severity
👤 EP_Standard_C4484572		
📁 Actions		
📁 EP_Landing		
🌐 /		
🌐 /favicon.ico		
📁 EP_Login		
🌐 /wave1/apis/ep/login		
🌐 /wave1/apis/ep/login_1		
🌐 /wave1/apis/ep/session		
🌐 /wave1/apis/ep/clients/544/events		
🌐 /wave1/apis/ep/payroll/history-paystub		
📁 EP_Employment Summary		
🌐 /0.bd762821f2a3e5eb.js		
📁 EP_Personal Info		
🌐 /8661.fde1a8ffce2ab6f0.js		
📁 EP_Contact Info		
🌐 /4435.5bb77e98545c7675.js		
📁 EP_Address		
🌐 /domainreliability/upload		
📁 EP_Dashboard		
🌐 /wave1/apis/ep/session		
🌐 /wave1/apis/ep/clients/544/events		
📁 EP_Logout		
🌐 /wave1/apis/ep/logout		
🌐 /wave1/apis/ep/logout_1		

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EP_Standard_C4484572

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

EP_Standard_C4484572

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	129.1	250	130	129	72.7
Controller/Throughput					
0	48.4	152.3	47.3	46.8	33.3
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					
0	3.73	31	3	3.11	3.75
Controller/JVM Memory Used					
14	18.9	25	19	18.9	2.93
Controller/OS Memory Used					
40	40	41	40	40	0.034
Controller/Thread Count					
533	556.4	564	556	556.1	2.18
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	113.4	898.6	99.6	109.5	67.8
Controller/Network/Segments retransmitted/sec.					
0	0.111	50.7	0	0	2.28
Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits received/sec.					
0	0.009	0.157	0.005	0.007	0.015
Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits sent/sec.					
0.001	0.104	3.02	0.005	0.026	0.372
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	129.1	250	130	129	72.7
Controller/Default zone/EP/User Load					
1	129.2	250	130	129.3	72.6
Controller/Default zone/EP/EP_Standard_C4484572/User Load					
1	129.2	250	130	129.3	72.6

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	21.6	90	22	21.5	8.95
LG 10.149.80.138:7100/JVM Memory Used					
-	5.96	19	5	5.7	2.98

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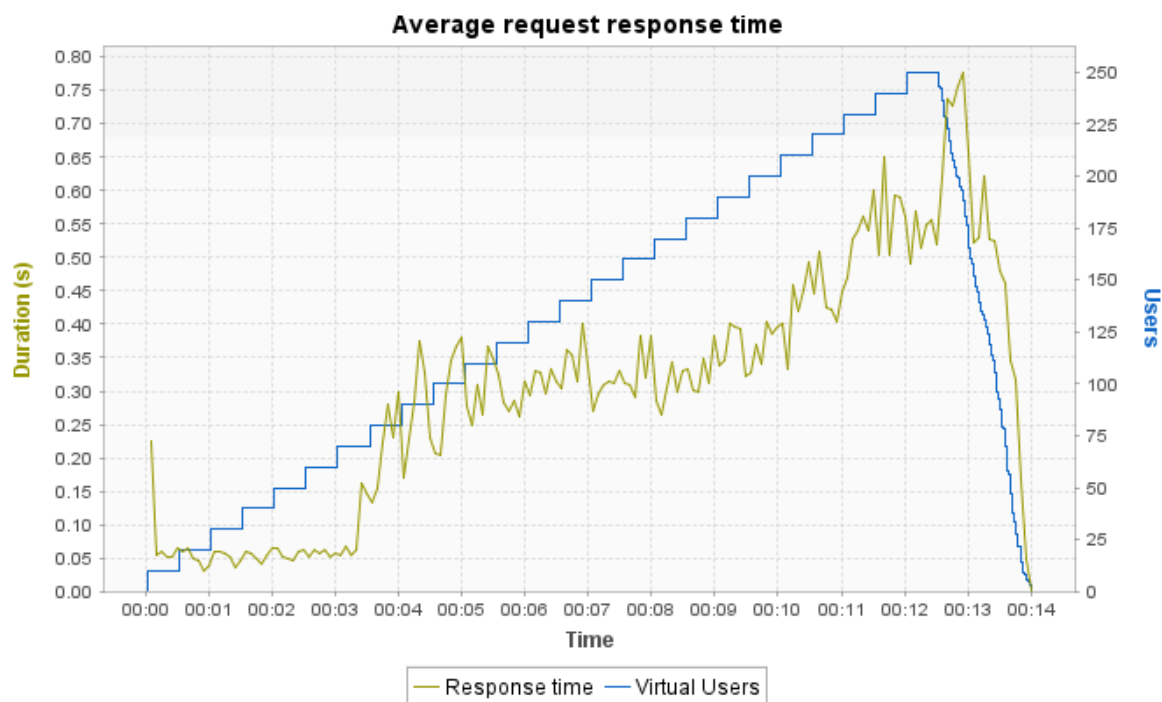| Min	Avg	Max	Med	Avg-90%	Std Dev
LG 10.149.80.138:7100/OS Memory Used					
41	44.3	48	44	44.3	1.9
LG 10.149.80.138:7100/Throughput					
0	48.4	152.3	47.3	46.8	33.3
LG 10.149.80.138:7100/User Load					
0	129.1	250	130	129	72.7
LG 10.149.80.138:7100/Thread Count					
0	250.1	414	247	248.6	92.7
LG 10.149.80.138:7100/Http client/Thread Pool used					
0	0.138	0.275	0.1	0.133	0.056
LG 10.149.80.138:7100/Http client/Task Pool used					
0	0.001	0.517	0	0	0.019
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)					
1	48.8	68	54	50.4	15.8
LG 10.149.80.138:7100/Network/Segments sent/sec.					
0	2,047	33,353	0	1,521	3,684
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	50.6	159.1	49.5	49.1	34.8
LG 10.149.80.138:7100/Network/eth4 (vmxnet3 Ethernet Adapter)/Megabits sent/sec.					
0	1.67	4.48	1.74	1.66	0.939

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Average page response time

Average page response time
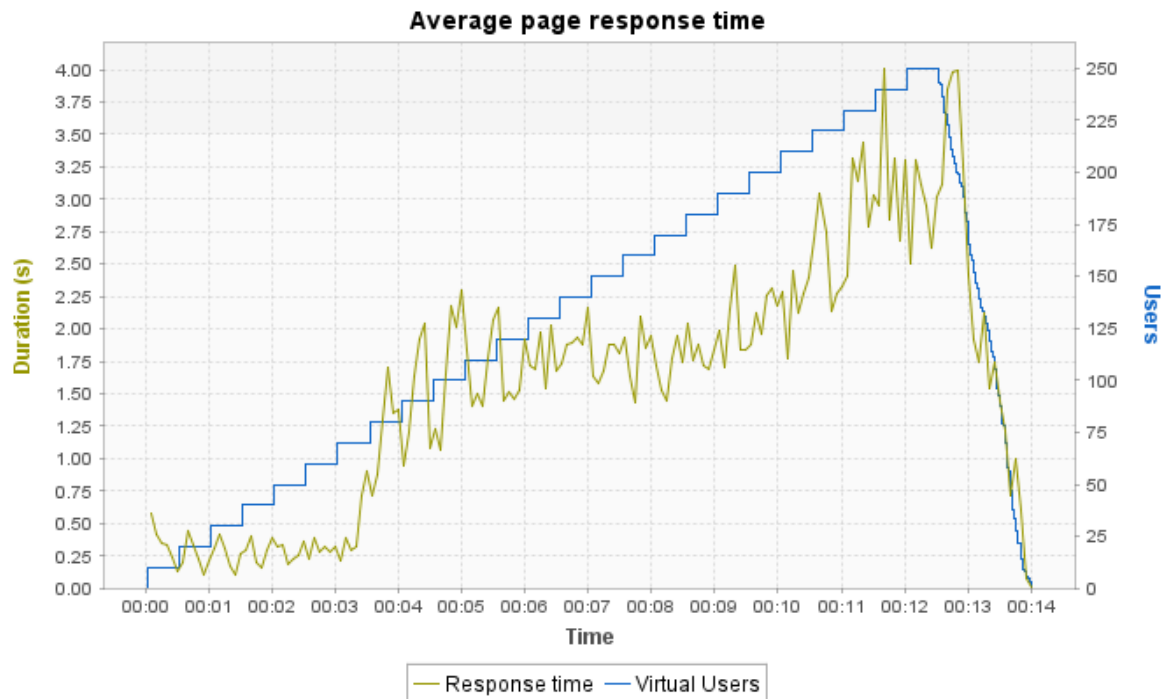
Min	Average	Max
0.003	1.941	4.008

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

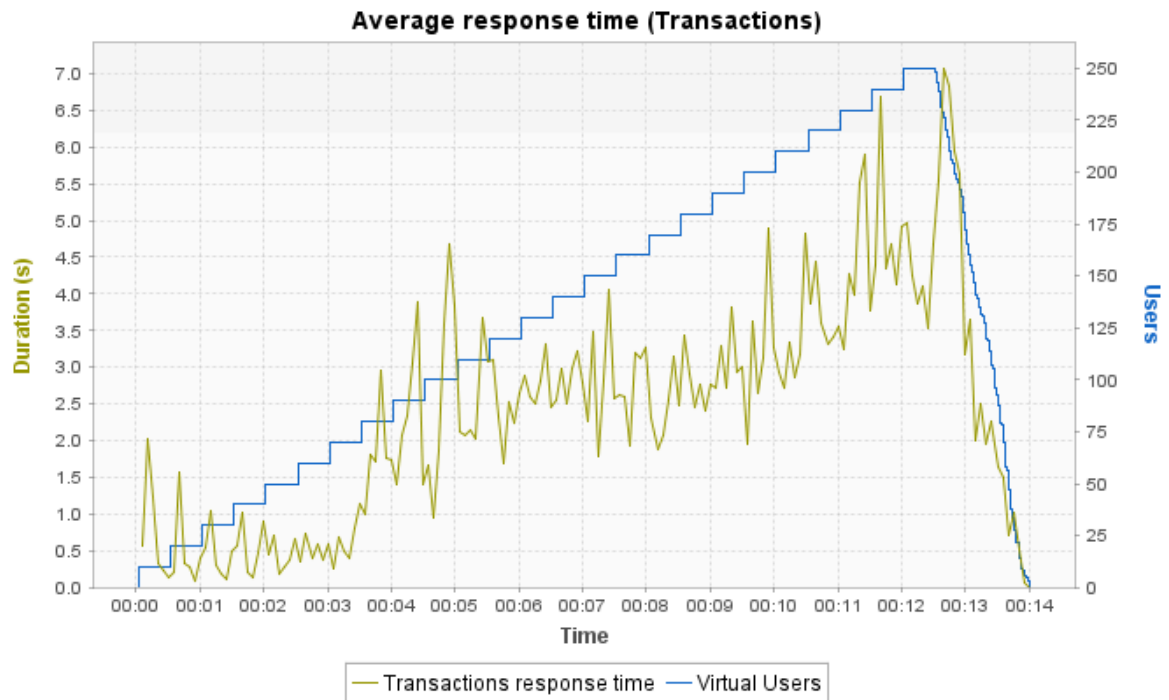## Average request response time

Min	Average	Max
0.002	0.353	0.777

Notes: Displays the average response time, in seconds, of all requests during the test.
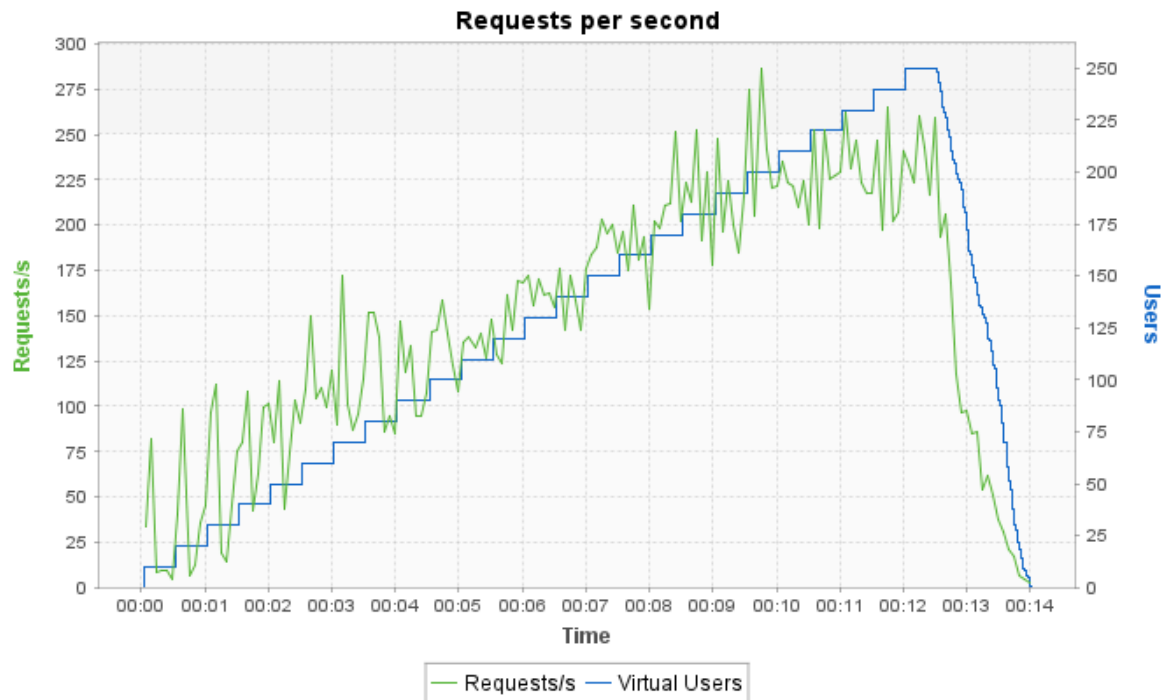
Average response time (Transactions)

Min	Average	Max	Median	Avg-90%	Std. Dev.
0	2.912	7.07	2.876	2.875	1.43

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

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Requests per second

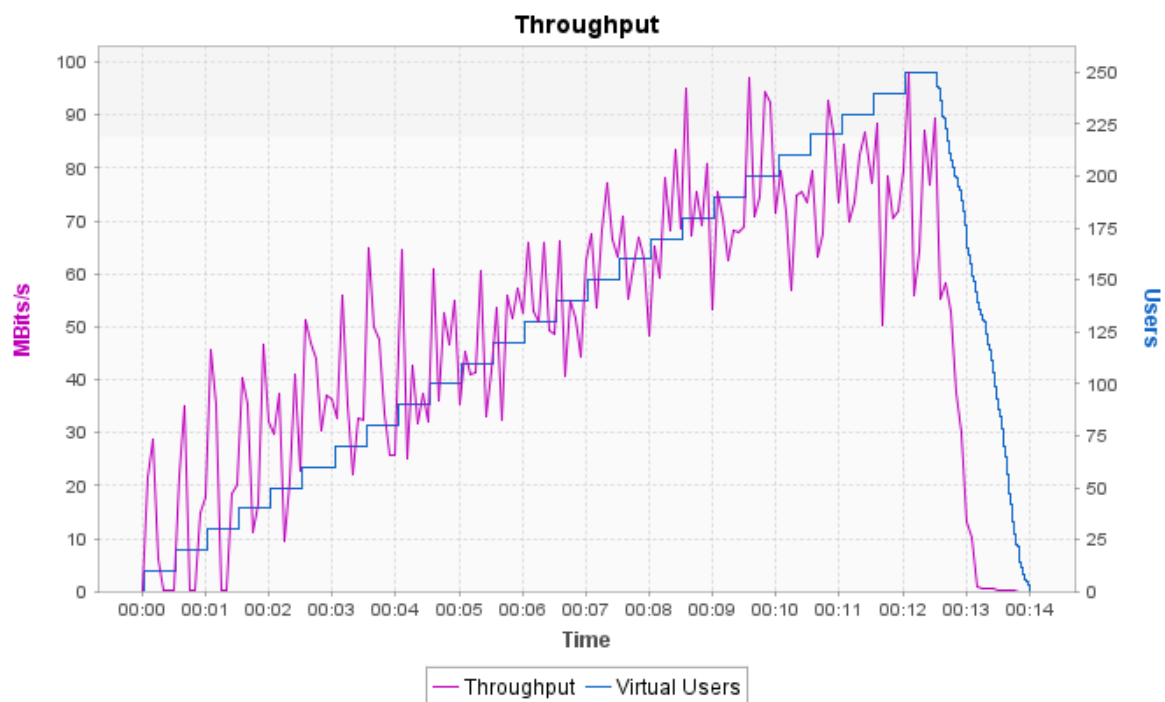| Min	Average	Max
3	147.3	286.4

Notes: Displays the number of requests per second.

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Errors

Min	Average	Max
0	0	0

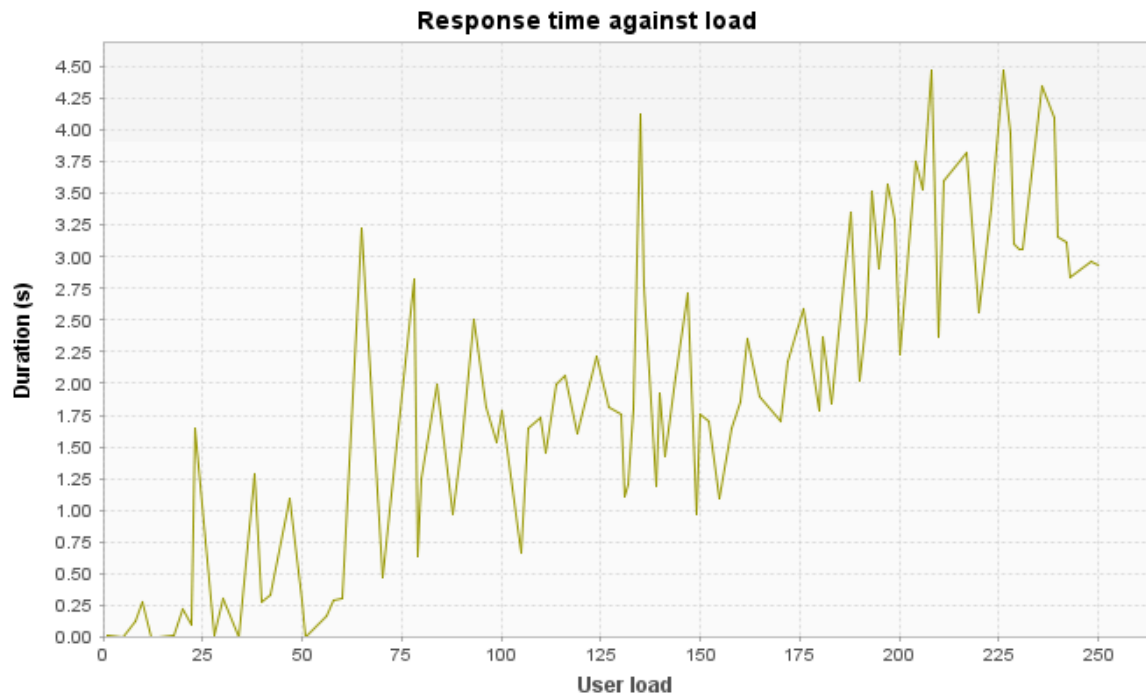**Notes:** Displays the number of errors per sampling interval.

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Throughput

Min	Average	Max
0	48.14	98.07

Notes: Displays the number of megabits of data per second returned by the server.
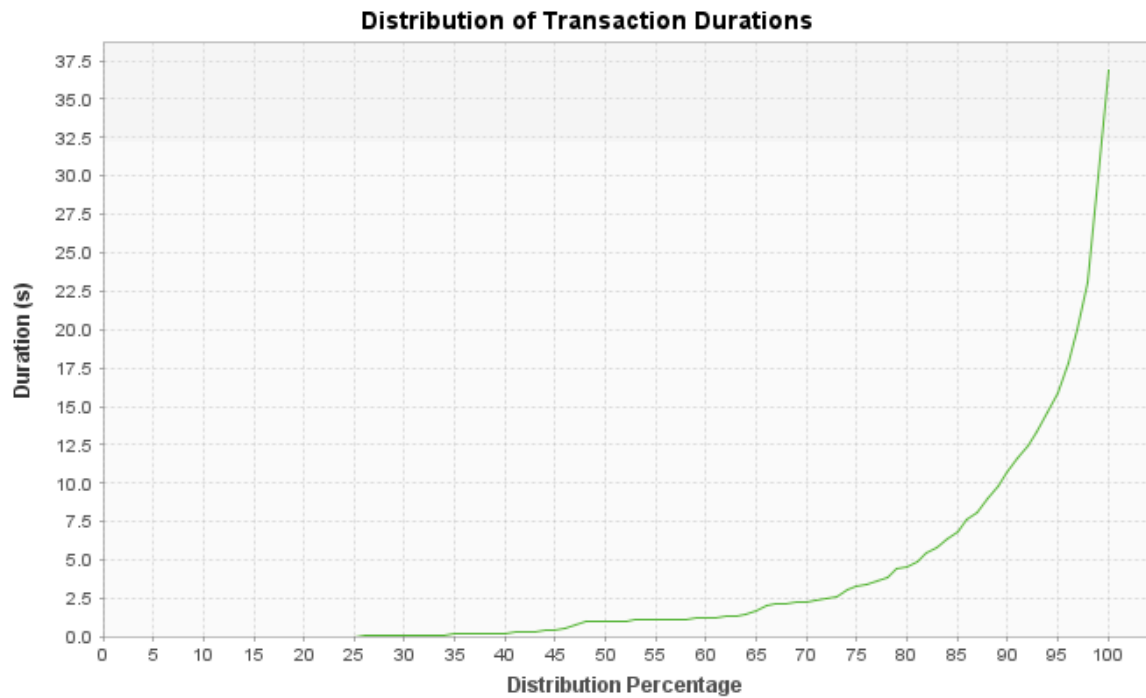
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Response time against load

Min	Average	Max
0.001	1.897	4.469

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

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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.