

Performance Test Report



Date	Mar 3, 2023, 6:38:30 AM
Project	PrismHR_Main
Scenario	BE_QR_001_C5241574
Comment	This is the Quarterly Scenario for BE, TestRail Case https://fwdavison.testrail.com/index.php?/cases/view/5241574 BE_MR_ Jan2023 Test 2 (time updates) BE MR_202301 C5241574 Test 3
Notes	

Report generated by **NeoLoad 9.0**



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Summary

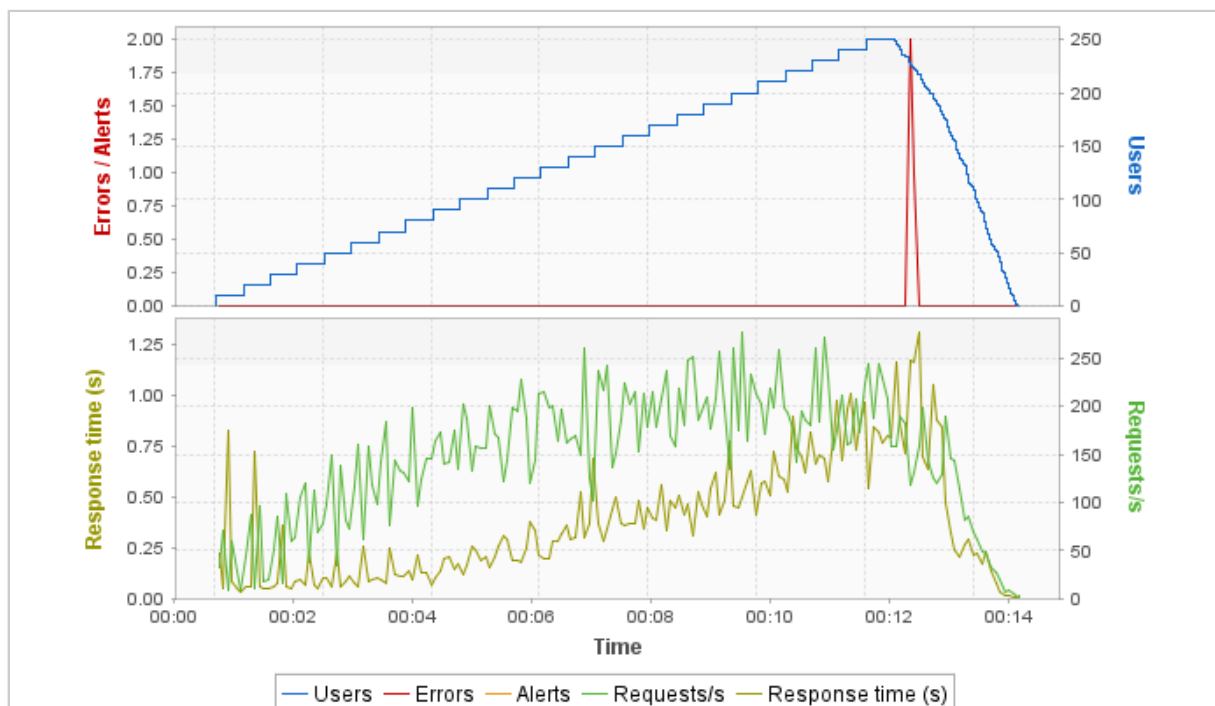
Results summary

Name	06:37 - 3 Mar 2023	Project	PrismHR_Main
Description	This is the Quarterly Scenario for BE, TestRail Case https://fwdavison.testrail.com/index.php?/cases/view/5241574 BE_MR_Jan2023 Test 2 (time updates) BE MR_202301 C5241574 Test 3	Scenario	BE_QR_001_C5241574
Status	✓ Passed	Load Policy	• The population BE is ramp up from 10 users adding 10 users every 30.0 seconds, to a maximum of 250 users.
Start date	Mar 3, 2023, 6:38:30 AM	Stop Policy	• Population BE: undefined.
End date	Mar 3, 2023, 6:53:22 AM	Filters	None
Duration	00:14:51	Debug	Disabled
Termination reason	Execution policy		
LG Hosts	10.149.80.138:7100		

Statistics Summary

Total pages	18771	—	Average pages/s	21.0	—
Total requests	132392	—	Average requests/s	148.4	—
Total users launched	250	—	Average Request response time	0.429 s	—
Total iterations completed	941	—	Average Page response time	2.87 s	—
Total throughput	5,047 MB	—	Average throughput	45.26 Mb/s	—
Total request errors	3	—	Error rate	0 %	—
Total action errors	0	—	Alerts total duration	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_1	2
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login	1

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	23
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login	6.12
BE_Standard_C4484573	BE_Benefit Enrollment	/obbe/assets/images/favicon.png	4.31
BE_Standard_C4484573	BE_Confirm Enrollment	/wave1/apis/obbe/rest2/qaphr998...FIRM.ENROLLMENT/ null	3.43
BE_Standard_C4484573	BE_Dependents	/wave1/apis/obbe/rest2/qaphr998...UMMARY/ getEnrollment	3.4

Top 5 maximum response time (Pages)

User Path	Parent	Page	Duration
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login_1	82.5
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login	45.8
BE_Standard_C4484573	BE_HSA	/wave1/apis/obbe/rest2/qaphr998...MMARY/ saveEnrollment	33.2
BE_Standard_C4484573	BE_Dependents	/wave1/apis/obbe/rest2/qaphr998...UMMARY/ getEnrollment	31.5
BE_Standard_C4484573	BE_Confirm Enrollment	/wave1/apis/obbe/rest2/qaphr998...FIRM.ENROLLMENT/ null	24.9

Errors

Request errors

Error Type	Count	Description
500	3	Internal Server Error
Total	3	Total error count.

Action errors

No errors

Alerts

No alerts

General statistics

Min	Avg	Max	Count	Err	% of Err	SLA Profile
All User Paths						
64.3	215.2	336.2	250	3	1.2	-
All pages						
0	2.87	82.5	18,771	3	0	-
All requests						
0	0.428	40.4	132,392	3	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	4.09	105.8	13,141	3	0	1.37	16.4	54.3	9.23	2.4	-

Scenario

Summary

Name	06:37 - 3 Mar 2023	Project	PrismHR_Main
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Termination reason	Execution policy		
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Populations

BE

User Path	Percentage	WAN Emulation	Signal strength	Bandwidth ↑	Latency ↑	Packet loss % ↑	Bandwidth ↓	Latency ↓	Packet loss % ↓	Browser	Handle cookies	Connectio	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 https://fwdavison.testrail.com/index.php?/cases/view/448457	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

Name	06:37 - 3 Mar 2023	Project	PrismHR_Main
Description	This is the Quarterly Scenario for BE, TestRail Case https://fwdavison.testrail.com/index.php?/cases/view/5241574 BE_MR_Jan2023 Test 2 (time updates) BE MR_202301 C5241574 Test 3	Scenario	BE_QR_001_C5241574
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LG Hosts	10.149.80.138:7100		

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	

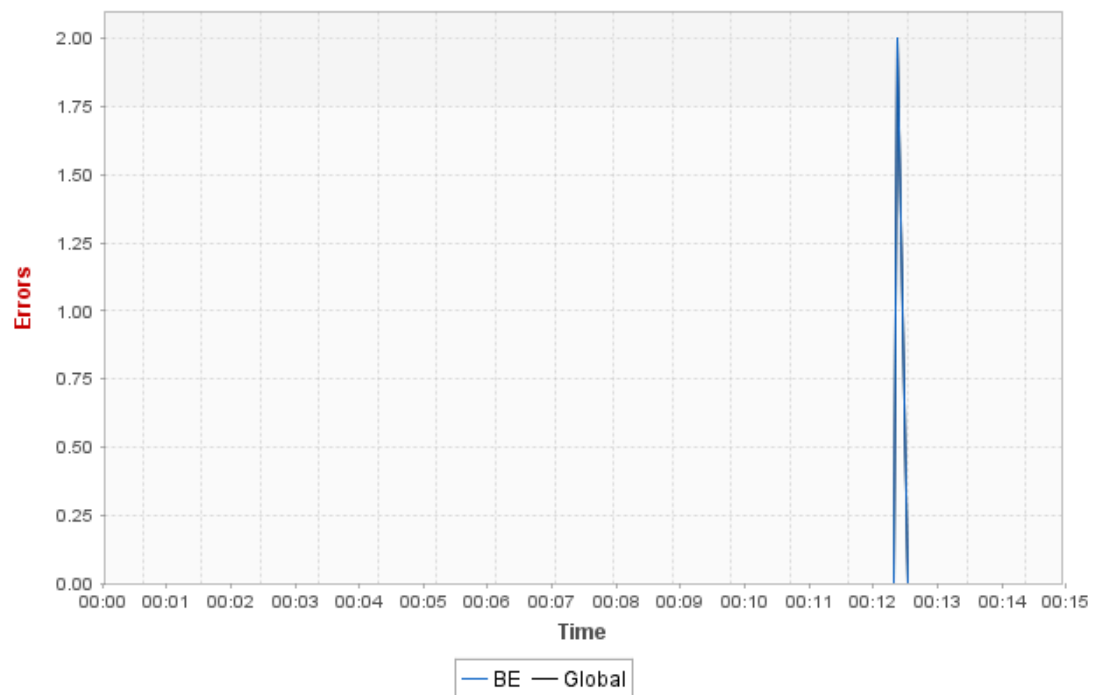
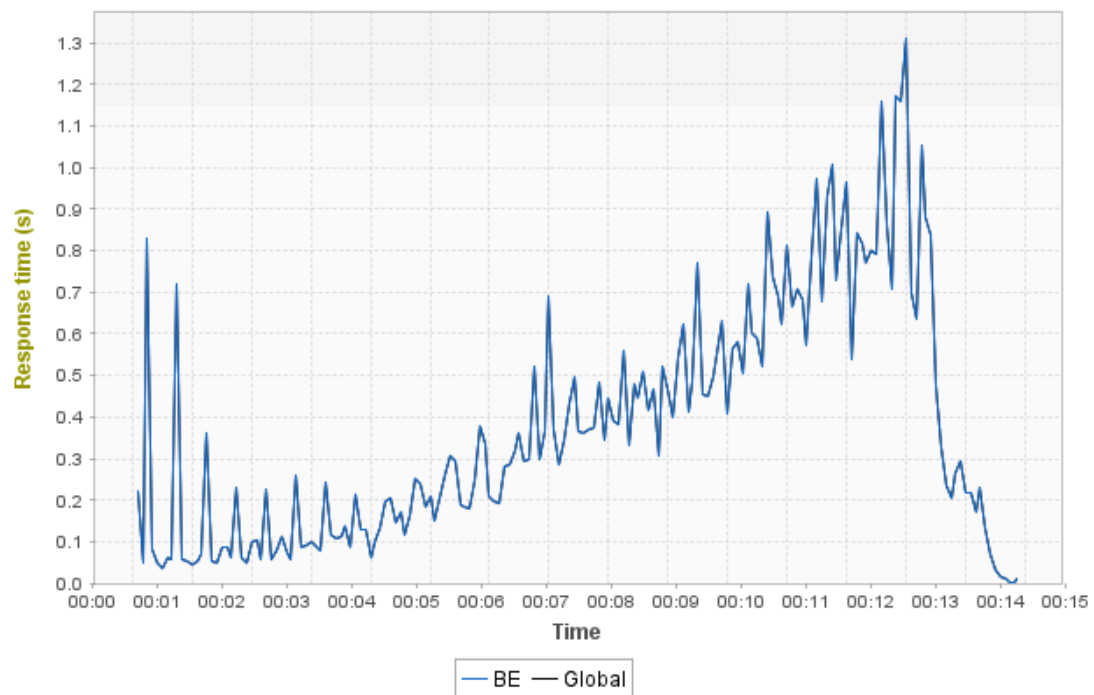
User Paths settings

BE_Standard_C4484573	
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	132392 (100%)	148.4	2.87s (0%)	0% (0%)
Global	132392 (100%)	148.4	2.87s	0%



















User Paths

Min	Avg	Max	Count	Err	% of Err	SLA Profile
 BE_Standard_C4484573						
64.3	215.2	336.2	250	3	1.2	-

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											
64.3	215.2	336.2	250	3	1.2	-	-	-	-	-	-
 Init											
0	0	0	250	0	0	-	-	-	-	-	-
 Actions											
8.58	57.2	138.9	941	3	0.3	-	-	-	-	-	-
 START											
0	0	0	941	0	0	0	0	0	0	0	-
 BE_Landing											
0.203	0.878	7.78	941	0	0	0.481	2.59	4	0.867	0.762	-
 BE_Login											
3.14	29.1	105.8	941	3	0.3	26	64.9	81.3	20.2	27.9	-
 BE_Benefit Enrollment											
1.41	6.37	30.2	938	0	0	5.74	13.4	18.1	3.81	6.08	-
 BE_Welcome_Benefit Enrollment											
0.093	2.03	18.8	938	0	0	1.38	5.91	9.16	2.08	1.8	-
 BE_Dependents											
0.265	3.4	31.5	938	0	0	2.68	8.81	15	3	3.08	-
 BE_Medical											
0.203	2.4	18.6	938	0	0	1.7	6.73	10.88	2.32	2.13	-
 BE_HSA											
0.191	2.32	33.2	938	0	0	1.79	6.22	9.45	2.31	2.06	-
 BE_FSA											
0.254	2.85	19.5	938	0	0	2.31	7.49	11.9	2.48	2.59	-
 BE_Commuter Form											
0.315	3.33	22.8	938	0	0	2.62	8.78	14.4	2.89	3.01	-
 BE_Benefit Summary											
0.04	1.01	24.2	938	0	0	0.432	3.35	6.75	1.56	0.809	-
 BE_Confirm Enrollment											
0.273	3.43	24.9	938	0	0	2.57	9.22	14.5	3.13	3.09	-
 BE_Logout											
0.003	0.104	2.03	938	0	0	0.027	1.02	1.06	0.263	0.056	-
 FINISH											
0	0	0	938	0	0	0	0	0	0	0	-
 End											
0	0	0	250	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						
64.3	215.2	336.2	250	3	1.2	-
 Actions						
8.58	57.2	138.9	941	3	0.3	-
 BE_Landing						
0.203	0.878	7.78	941	0	0	-
 /						
0.159	0.413	2.12	941	0	0	-
 /wave1/apis/ep/logout						
0.038	0.465	7.58	941	0	0	-
 BE_Login						
3.14	29.1	105.8	941	3	0.3	-
 /wave1/apis/ep/login						
0.224	6.12	45.8	941	1	0.1	-
 /wave1/apis/ep/login_1						
2.91	23	82.5	940	2	0.2	-
 BE_Benefit Enrollment						
1.41	6.37	30.2	938	0	0	-
 /wave1/apis/ep/sso/obbe						
0.012	0.456	13.3	938	0	0	-
 /phr/ess/qaphr998two/sso/benefitEnrollment						
0.305	1.13	10.68	938	0	0	-
 /obbe/assets/images/favicon.png						
0.984	4.31	23.8	938	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...JSFORMS.EDIT/getForm						
0.021	0.478	7.05	938	0	0	-
 BE_Welcome_Benefit Enrollment						
0.093	2.03	18.8	938	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...JSFORMS.EDIT/getForm						
0.093	2.03	18.8	938	0	0	-
 BE_Dependents						
0.265	3.4	31.5	938	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...UMMARY/getEnrollment						
0.265	3.4	31.5	938	0	0	-
 BE_Medical						
0.203	2.4	18.6	938	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment						
0.203	2.4	18.6	938	0	0	-
 BE_HSA						
0.191	2.32	33.2	938	0	0	-


Min	Avg	Max	Count	Err	% of Err	SLA Profile
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment						
0.191	2.32	33.2	938	0	0	-
 BE_FSA						
0.254	2.85	19.5	938	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...AN.SUMMARY/getValues						
0.028	0.621	13.3	938	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment						
0.212	2.23	19.4	938	0	0	-
 BE_Commuter Form						
0.315	3.33	22.8	938	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...AN.SUMMARY/getValues						
0.027	0.52	10.53	938	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment						
0.275	2.81	20.3	938	0	0	-
 BE_Benefit Summary						
0.04	1.01	24.2	938	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment						
0.04	1.01	24.2	938	0	0	-
 BE_Confirm Enrollment						
0.273	3.43	24.9	938	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...FIRM.ENROLLMENT/null						
0.273	3.43	24.9	938	0	0	-
 BE_Logout						
0.003	0.104	2.03	938	0	0	-
 /wave1/apis/ep/logout						
0	0.033	1.05	938	0	0	-
 /						
0.002	0.07	1.11	938	0	0	-

Shared Containers

SLA	Value	Severity
Empty list		

BE_Standard_C4484573

SLA	Value	Severity
 BE_Standard_C4484573		
 Actions		
 BE_Landing		
 /		
 /wave1/apis/ep/logout		
 BE_Login		
 /wave1/apis/ep/login		
 /wave1/apis/ep/login_1		
 BE_Benefit Enrollment		
 /wave1/apis/ep/sso/obbe		
 /phr/ess/qaphr998two/sso/benefitEnrollment		
 /obbe/assets/images/favicon.png		
 /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...UMMARY/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		
 /wave1/apis/obbe/rest2/qaphr99...FIRM.ENROLLMENT/null		
 BE_Logout		
 /wave1/apis/ep/logout		

SLA	Value	Severity
 /		

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
Controller/User Load					
0	131	250	130	131.2	73.2
Controller/Throughput					
0	45.2	176.5	44.6	43.2	33.5
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					
26	29.8	59	29	29.3	3.32
Controller/JVM Memory Used					
16	21.5	28	21	21.4	3.27
Controller/OS Memory Used					
40	40	40	40	40	0
Controller/Thread Count					
532	555.3	563	555	555	2.12
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	122.5	1,227	107.2	115.9	87.5
Controller/Network/Segments retransmitted/sec.					
0	0.225	52.2	0	0	3.35
Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits received/sec.					
0.002	0.031	0.1	0.027	0.029	0.017
Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits sent/sec.					
0.003	0.723	2.54	0.698	0.711	0.407
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	131	250	130	131.2	73.2
Controller/Default zone/BE/User Load					
1	131.2	250	130	131.3	73.1
Controller/Default zone/BE/BE_Standard_C4484573/User Load					
1	131.2	250	130	131.3	73.1

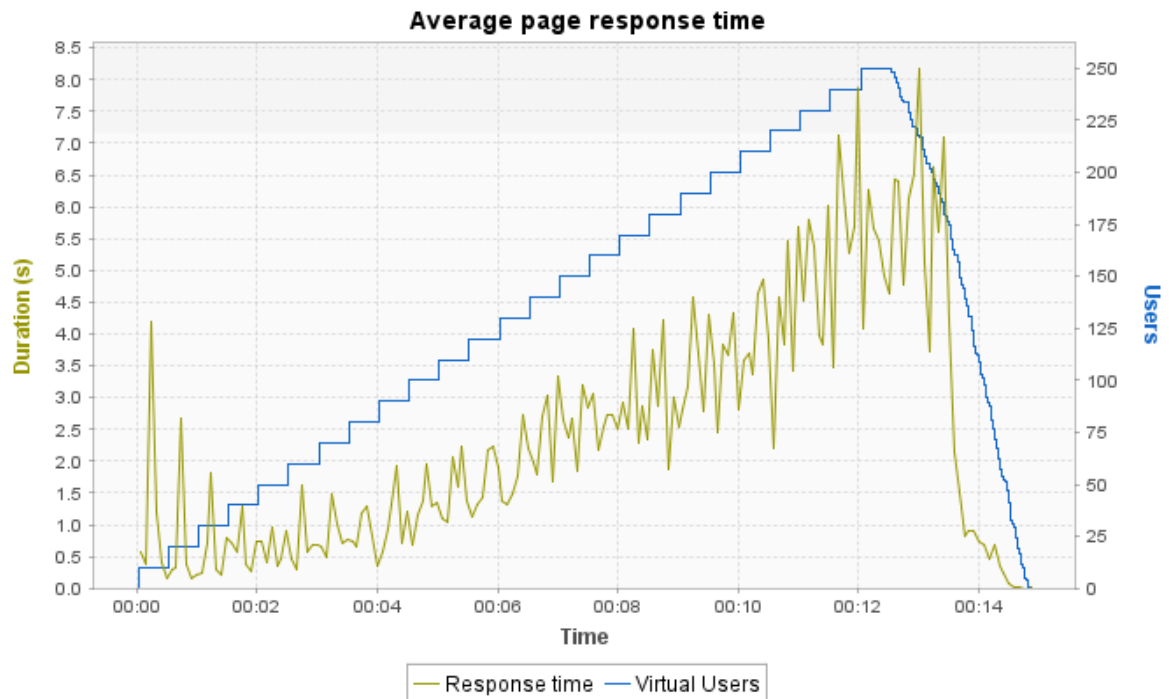
LG 10.149.80.138:7100

Performance Counters

Min	Avg	Max	Med	Avg-90%	Std Dev
LG 10.149.80.138:7100/CPU Load					
0	19.5	95	20	19.4	7.72
LG 10.149.80.138:7100/JVM Memory Used					
0	4.89	12	4	4.72	2.15

Min	Avg	Max	Med	Avg-90%	Std Dev
LG 10.149.80.138:7100/OS Memory Used					
35	37.6	40	37	37.5	1.38
LG 10.149.80.138:7100/Throughput					
0	45.2	176.5	44.6	43.2	33.5
LG 10.149.80.138:7100/User Load					
0	131	250	130	131.2	73.2
LG 10.149.80.138:7100/Thread Count					
0	268.3	442	258	267.1	100.3
LG 10.149.80.138:7100/Http client/Thread Pool used					
0	0.142	0.29	0.1	0.136	0.06
LG 10.149.80.138:7100/Http client/Task Pool used					
0	0.001	0.15	0	0	0.007
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)					
3	50.3	74	53	51.6	14.6
LG 10.149.80.138:7100/Network/Segments sent/sec.					
0	2,096	21,878	0	1,594	3,558
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.					
0.001	47.3	185.4	46.4	45.2	35
LG 10.149.80.138:7100/Network/eth4 (vmxnet3 Ethernet Adapter)/Megabits sent/sec.					
0	2.04	5.66	2.09	2.02	1.07

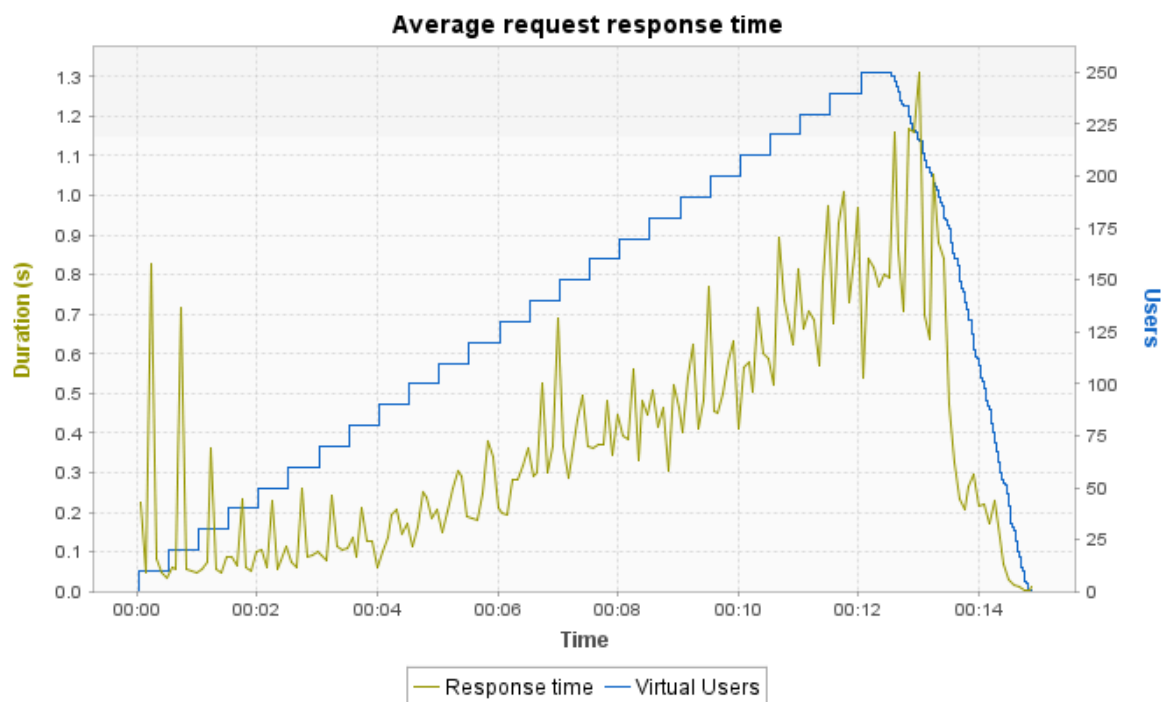
Average page response time



Min	Average	Max
0.005	2.866	8.175

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

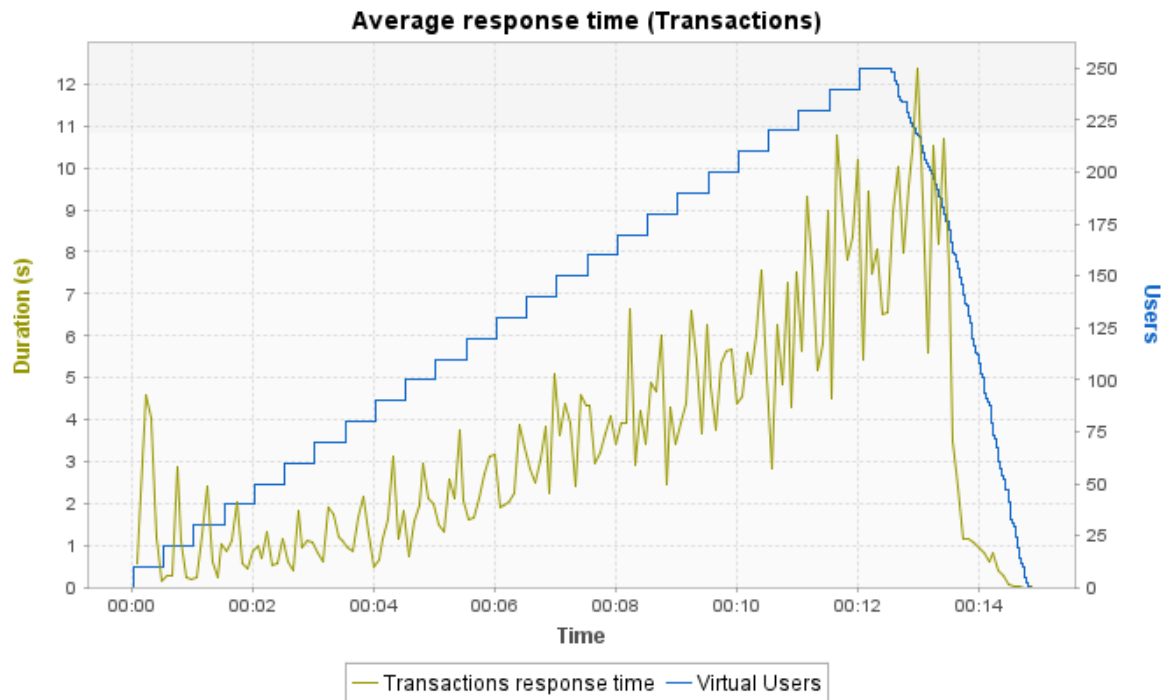
Average request response time



Min	Average	Max
0.004	0.429	1.311

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

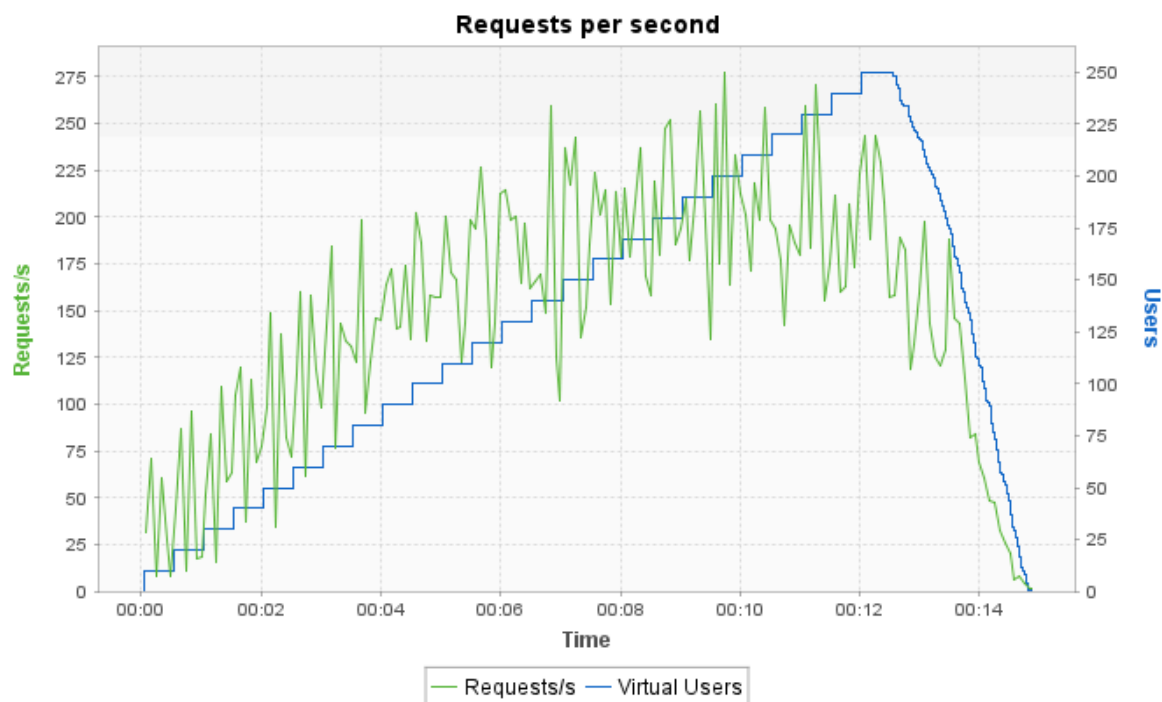
Average response time (Transactions)



Min	Average	Max	Median	Avg-90%	Std. Dev.
0.005	4.094	12.374	3.662	3.932	2.85

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

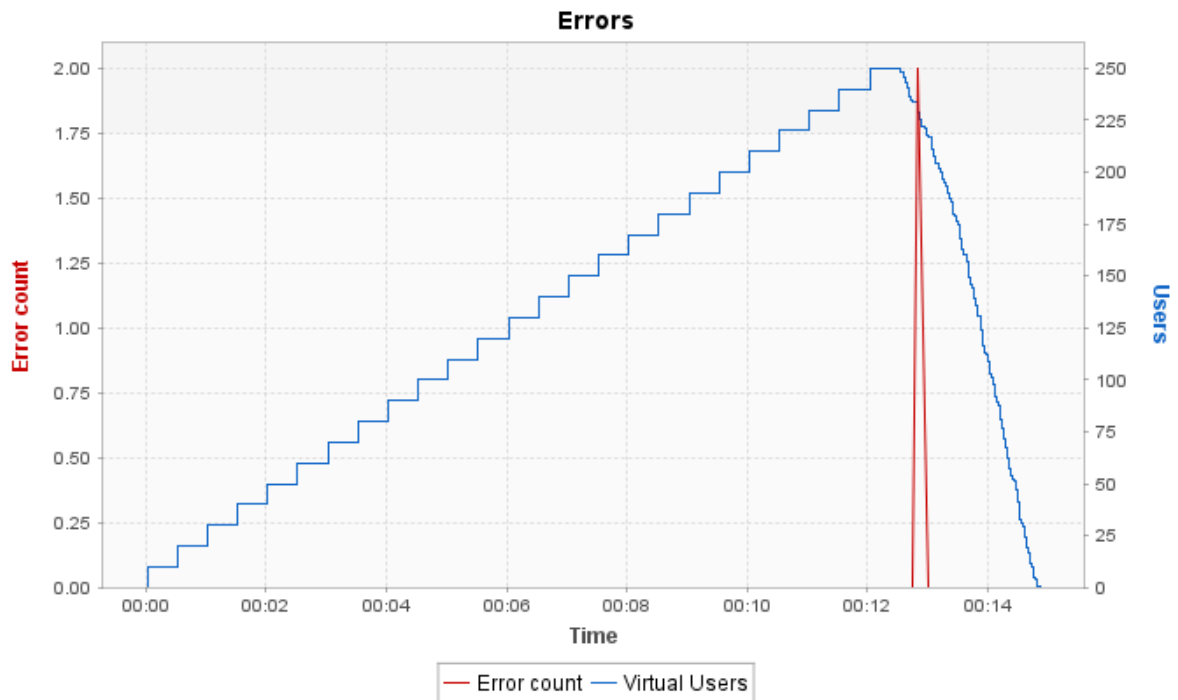
Requests per second



Min	Average	Max
1.5	148.4	277.4

Notes: Displays the number of requests per second.

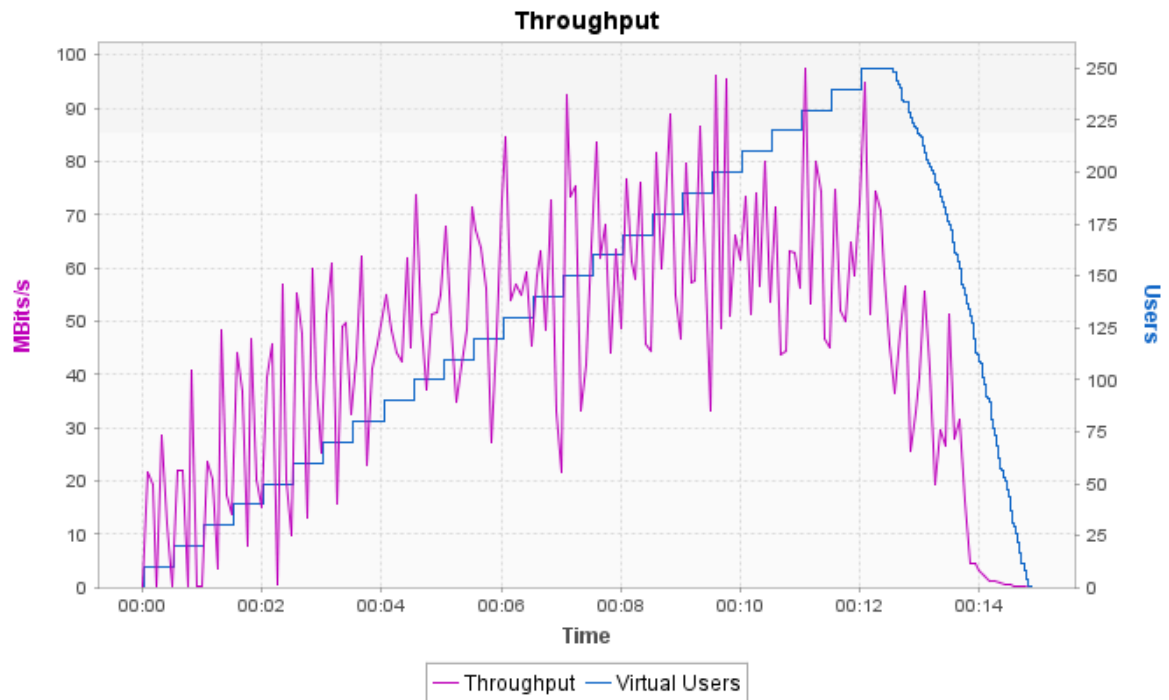
Errors



Min	Average	Max
0	0	2

Notes: Displays the number of errors per sampling interval.

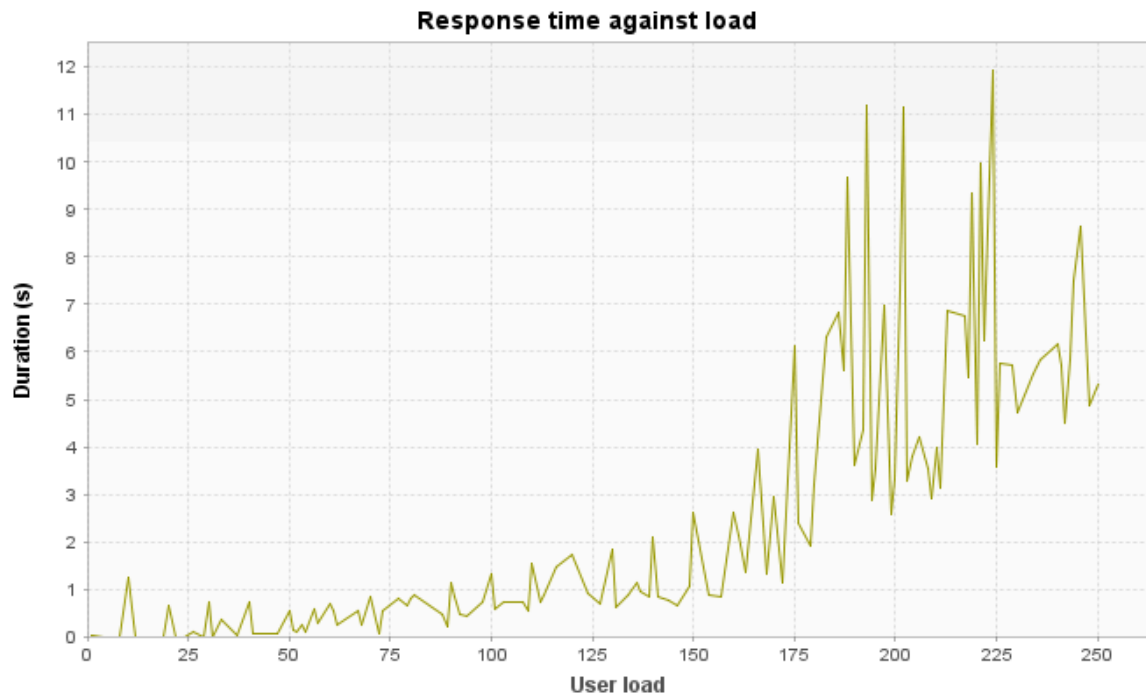
Throughput



Min	Average	Max
0	44.86	97.45

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

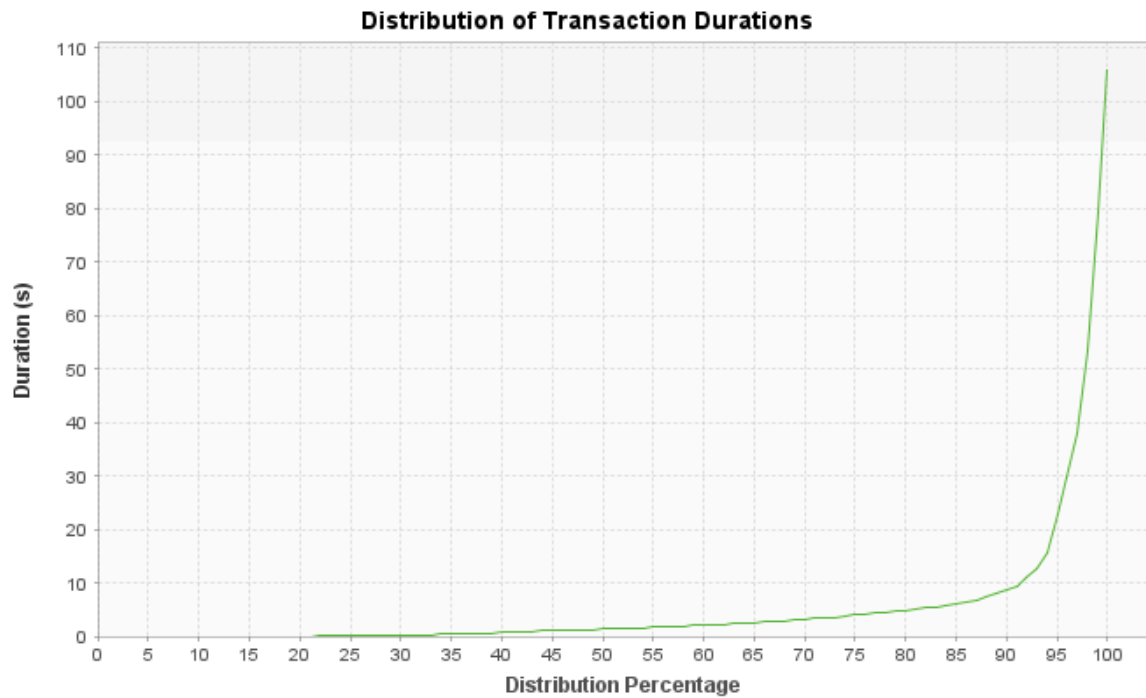
Response time against load



Min	Average	Max
0.004	2.564	11.923

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.