

Performance Test Report



Date	Apr 28, 2023, 10:15:39 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
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Summary

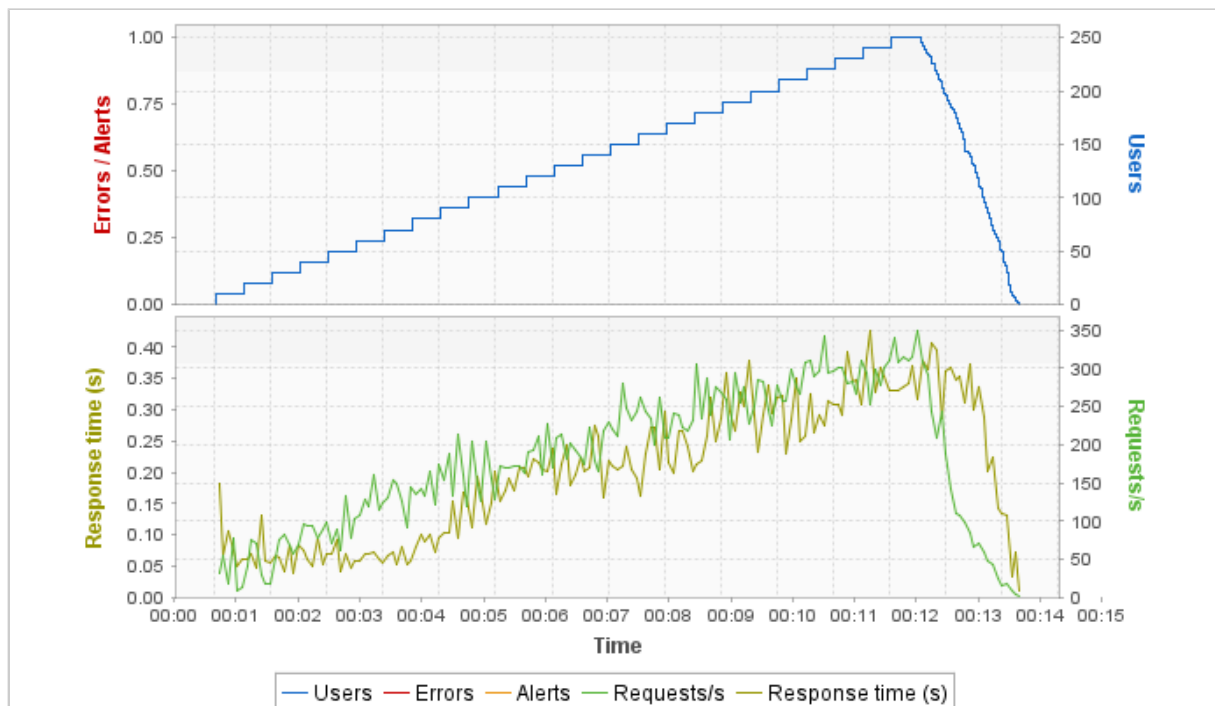
Results summary

Name	10:14 - 28 Apr 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	Apr 28, 2023, 10:15:39 AM	Stop Policy	• Population BE: undefined.
End date	Apr 28, 2023, 10:29:58 AM	Filters	None
Duration	00:14:18	Debug	Disabled
Termination reason	Execution policy		
LG Hosts	887357-1RDPT002.davison.io cal:7100		

Statistics Summary

Total pages	26427	Average pages/s	30.8
Total requests	155115	Average requests/s	180.6
Total users launched	250	Average Request response time	0.242 s
Total iterations completed	1149	Average Page response time	1.3 s
Total throughput	6,138 MB	Average throughput	57.17 Mb/s
Total request errors	0	Error rate	0 %
Total action errors	0	Alerts total duration	0 %

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



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
BE_Standard_C4484573	BE_Login	/apis/ep/login_1	6.47
BE_Standard_C4484573	BE_Login	/apis/ep/login	2.62
BE_Standard_C4484573	BE_Benefit Enrollment	/apis/ep/peos	2.34
BE_Standard_C4484573	BE_Confirm Enrollment	/apis/obbe/rest2/qaphr998two/OB...FIRM.ENROLLMENT/ null	2.21
BE_Standard_C4484573	BE_Dependents	/apis/obbe/rest2/qaphr998two/OB...UMMARY/ getEnrollment	2.18

Top 5 maximum response time (Pages)

User Path	Parent	Page	Duration
BE_Standard_C4484573	BE_Login	/apis/ep/login_1	16.7
BE_Standard_C4484573	BE_Login	/apis/ep/login	9.7
BE_Standard_C4484573	BE_Benefit Enrollment	/apis/ep/peos	9.21
BE_Standard_C4484573	BE_Dependents	/apis/obbe/rest2/qaphr998two/OB...UMMARY/ getEnrollment	8.77
BE_Standard_C4484573	BE_Confirm Enrollment	/apis/obbe/rest2/qaphr998two/OB...FIRM.ENROLLMENT/ null	8.39

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	137.3	231.2	250	0	0	-
All pages						
0	1.3	16.7	26,427	0	0	-
All requests						
0	0.241	7.4	155,115	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	2.13	24.8	16,086	0	0	1.27	8.71	16	3.12	1.64	-

Scenario

Summary

Name	10:14 - 28 Apr 2023	Project	PrismHR_Main
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Duration	00:14:18	Debug	Disabled
Termination reason	Execution policy		
LG Hosts	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 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	10:14 - 28 Apr 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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Duration	00:14:18		
Termination reason	Execution policy	Filters	None
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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	

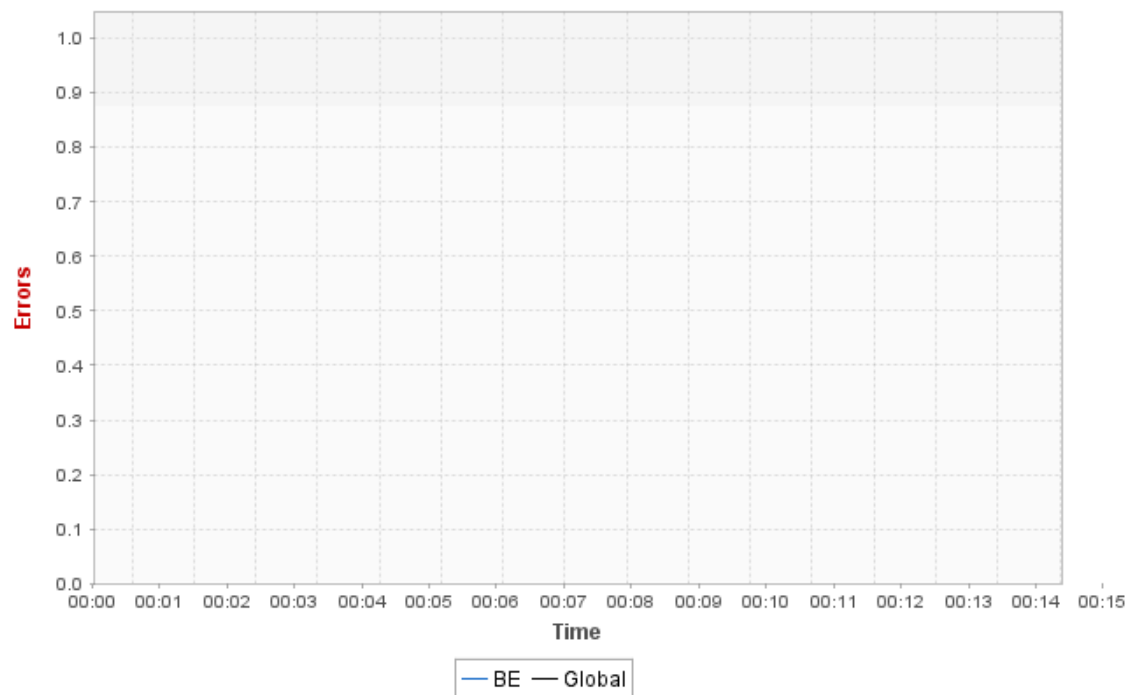
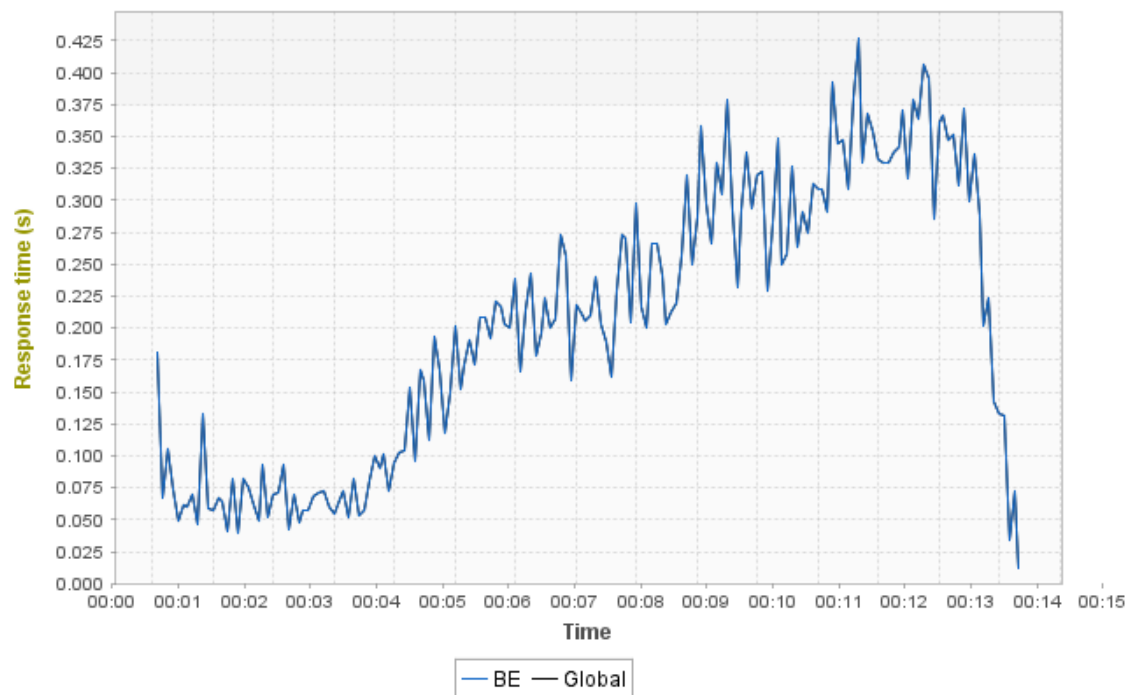
User Paths settings

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	155115 (100%)	180.6	1.3s (0%)	0% (- %)
Global	155115 (100%)	180.6	1.3s	0%



















User Paths

Min	Avg	Max	Count	Err	% of Err	SLA Profile
 BE_Standard_C4484573						
34	137.3	231.2	250	0	0	-

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											
34	137.3	231.2	250	0	0	-	-	-	-	-	-
 Init											
0	0	0	250	0	0	-	-	-	-	-	-
 Actions											
5.86	29.9	56.2	1,149	0	0	-	-	-	-	-	-
 START											
0	0	0	1,149	0	0	0	0	0	0	0	-
 BE_Landing											
0.232	0.926	4.33	1,149	0	0	0.606	2.36	2.99	0.681	0.864	-
 BE_Login											
1.23	10.39	24.8	1,149	0	0	10.79	18.4	21.3	5.16	10.33	-
 BE_Benefit Enrollment											
1.43	4.72	13.6	1,149	0	0	4.55	8.49	10.42	2.11	4.62	-
 BE_Welcome_Benefit Enrollment											
0.115	1.36	6.67	1,149	0	0	1.24	3.5	4.56	1.15	1.27	-
 BE_Dependents											
0.326	2.18	8.77	1,149	0	0	1.82	5.19	6.4	1.49	2.07	-
 BE_Medical											
0.231	1.54	5.63	1,149	0	0	1.39	3.66	4.85	1.14	1.46	-
 BE_HSA											
0.215	1.52	6.85	1,149	0	0	1.36	3.93	5.14	1.21	1.41	-
 BE_FSA											
0.284	1.78	6.71	1,149	0	0	1.52	4.08	5.67	1.24	1.69	-
 BE_Commuter Form											
0.343	2.21	8.73	1,149	0	0	2.12	4.81	5.88	1.41	2.12	-
 BE_Benefit Summary											
0.044	0.702	4.31	1,149	0	0	0.241	2.2	3.11	0.754	0.626	-
 BE_Confirm Enrollment											
0.327	2.21	8.39	1,149	0	0	1.86	5.05	6.51	1.49	2.11	-
 BE_Logout											
0.019	0.327	2.4	1,149	0	0	0.097	1.15	2.07	0.451	0.277	-
 FINISH											
0	0	0	1,149	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						
34	137.3	231.2	250	0	0	-
 Actions						
5.86	29.9	56.2	1,149	0	0	-
 BE_Landing						
0.232	0.926	4.33	1,149	0	0	-
 /						
0.153	0.368	2.46	1,149	0	0	-
 /apis/ep/peos						
0.015	0.247	2.14	1,149	0	0	-
 /apis/ep/logout						
0.037	0.31	2.74	1,149	0	0	-
 BE_Login						
1.23	10.39	24.8	1,149	0	0	-
 /apis/ep/login						
0.242	2.62	9.7	1,149	0	0	-
 /apis/ep/login_1						
0.794	6.47	16.7	1,149	0	0	-
 /apis/ep/benefits/104/summary/						
0.128	1.3	6.92	1,149	0	0	-
 BE_Benefit Enrollment						
1.43	4.72	13.6	1,149	0	0	-
 /apis/ep/sso/obbe						
0.015	0.211	2.18	1,149	0	0	-
 /phr/ess/qaphr998two/sso/benefitEnrollment						
0.31	1.1	4.48	1,149	0	0	-
 /apis/ep/peos						
0.747	2.34	9.21	1,149	0	0	-
 /						
0.266	0.702	4	1,149	0	0	-
 /apis/obbe/rest2/qaphr998two/O...JSFORMS.EDIT/getForm						
0.027	0.356	3.86	1,149	0	0	-
 BE_Welcome_Benefit Enrollment						
0.115	1.36	6.67	1,149	0	0	-
 /apis/obbe/rest2/qaphr998two/O...JSFORMS.EDIT/getForm						
0.115	1.36	6.67	1,149	0	0	-
 BE_Dependents						
0.326	2.18	8.77	1,149	0	0	-
 /apis/obbe/rest2/qaphr998two/O...UMMARY/getEnrollment						
0.326	2.18	8.77	1,149	0	0	-





Min	Avg	Max	Count	Err	% of Err	SLA Profile
 BE_Medical						
0.231	1.54	5.63	1,149	0	0	-
 /apis/obbe/rest2/qaphr998two/O...MMARY/saveEnrollment						
0.231	1.54	5.63	1,149	0	0	-
 BE_HSA						
0.215	1.52	6.85	1,149	0	0	-
 /apis/obbe/rest2/qaphr998two/O...MMARY/saveEnrollment						
0.215	1.52	6.85	1,149	0	0	-
 BE_FSA						
0.284	1.78	6.71	1,149	0	0	-
 /apis/obbe/rest2/qaphr998two/O...AN.SUMMARY/getValues						
0.031	0.352	2.79	1,149	0	0	-
 /apis/obbe/rest2/qaphr998two/O...MMARY/saveEnrollment						
0.239	1.43	6.12	1,149	0	0	-
 BE_Commuter Form						
0.343	2.21	8.73	1,149	0	0	-
 /apis/obbe/rest2/qaphr998two/O...AN.SUMMARY/getValues						
0.031	0.337	3.1	1,149	0	0	-
 /apis/obbe/rest2/qaphr998two/O...MMARY/saveEnrollment						
0.296	1.87	6.68	1,149	0	0	-
 BE_Benefit Summary						
0.044	0.702	4.31	1,149	0	0	-
 /apis/obbe/rest2/qaphr998two/O...MMARY/saveEnrollment						
0.044	0.702	4.31	1,149	0	0	-
 BE_Confirm Enrollment						
0.327	2.21	8.39	1,149	0	0	-
 /apis/obbe/rest2/qaphr998two/O...FIRM.ENROLLMENT/null						
0.327	2.21	8.39	1,149	0	0	-
 BE_Logout						
0.019	0.327	2.4	1,149	0	0	-
 /apis/ep/logout						
0	0.04	1.1	1,149	0	0	-
 /apis/ep/logout_1						
0.019	0.286	2.37	1,149	0	0	-

Shared Containers

SLA	Value	Severity
Empty list		

BE_Standard_C4484573

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

SLA	Value	Severity
	 /apis/obbe/rest2/qaphr998two/O...FIRM.ENROLLMENT/null	
	 BE_Logout	
	 /apis/ep/logout	
	 /apis/ep/logout_1	

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	130	250	130	130.1	72.8
Controller/Throughput					
0	57.1	197.6	56.7	55.5	40.1
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	4.64	47	4	4.07	3.87
Controller/JVM Memory Used					
0	14.2	19	14	14.2	2.41
Controller/OS Memory Used					
-	42.9	43	43	43	1.5
Controller/Thread Count					
0	546.8	557	547	547	18.9
Controller/Connected					
0	0.999	1	1	1	0.034
Controller/Total Disconnections					
0	0	0	0	0	0
Controller/Total Reconnections					
0	0	0	0	0	0
Controller/Network/Segments sent/sec.					
0	112.3	3,278	97.3	97	197.6
Controller/Network/Segments retransmitted/sec.					
0	0.102	46.2	0	0	2.12
Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits received/sec.					
0	0.345	1.97	0.109	0.288	0.503
Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits sent/sec.					
0	0.603	2.93	0.541	0.568	0.481
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	130	250	130	130.1	72.8
Controller/Default zone/BE/User Load					
1	130.2	250	130	130.3	72.7
Controller/Default zone/BE/BE_Standard_C4484573/User Load					
1	130.2	250	130	130.3	72.7

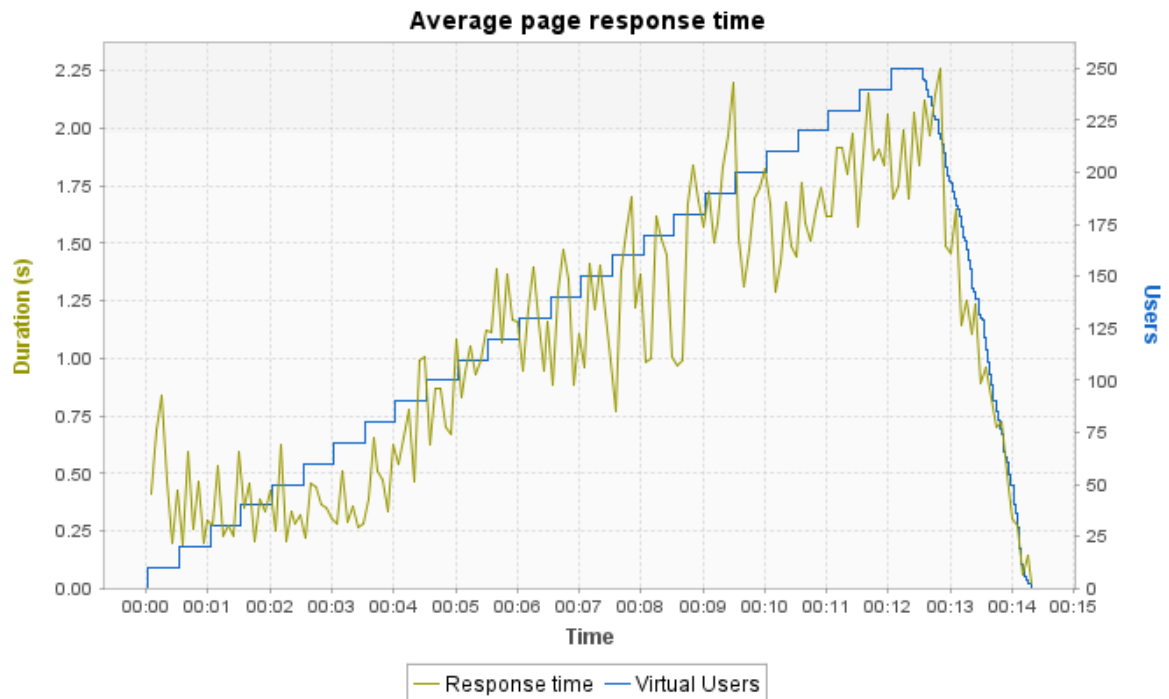
LG 887357-1RDPT002.davison.local:7100

Performance Counters

Min	Avg	Max	Med	Avg-90%	Std Dev
LG 887357-1RDPT002.davison.local:7100/CPU Load					
0	22.1	94	22	22	8.6
LG 887357-1RDPT002.davison.local:7100/JVM Memory Used					
0	5.29	12	5	5.17	2.26

Min	Avg	Max	Med	Avg-90%	Std Dev
LG 887357-1RDPT002.davison.local:7100/OS Memory Used					
40	43.1	45	44	43.1	1.44
LG 887357-1RDPT002.davison.local:7100/Throughput					
0	57.1	197.6	56.7	55.5	40.1
LG 887357-1RDPT002.davison.local:7100/User Load					
0	130	250	130	130.1	72.8
LG 887357-1RDPT002.davison.local:7100/Thread Count					
0	238.8	389	235	238	89.3
LG 887357-1RDPT002.davison.local:7100/Http client/Thread Pool used					
0	0.123	0.235	0.1	0.118	0.04
LG 887357-1RDPT002.davison.local:7100/Http client/Task Pool used					
0	0.001	0.1	0	0	0.007
LG 887357-1RDPT002.davison.local:7100/Controller Connection/Disconnections					
0	0	0	0	0	-
LG 887357-1RDPT002.davison.local:7100/Controller Connection/Reconnections					
0	0	0	0	0	-
LG 887357-1RDPT002.davison.local:7100/Controller Connection/Ping Duration (ms)					
1	49.2	65	52	51	15
LG 887357-1RDPT002.davison.local:7100/Network/Segments sent/sec.					
0	2,354	26,356	0	1,873	3,585
LG 887357-1RDPT002.davison.local:7100/Network/Segments retransmitted/sec.					
0	0	0	0	0	0
LG 887357-1RDPT002.davison.local:7100/Network/eth5 (vmxn...gabits received/sec.					
0	0	0	0	0	-
LG 887357-1RDPT002.davison.local:7100/Network/eth5 (vmxn...)/Megabits sent/sec.					
0	0	0	0	0	-
LG 887357-1RDPT002.davison.local:7100/Network/eth4 (vmxn...gabits received/sec.					
0.012	59.8	206.7	59.1	58.1	41.9
LG 887357-1RDPT002.davison.local:7100/Network/eth4 (vmxn...)/Megabits sent/sec.					
0.022	2.79	6.76	2.88	2.76	1.51

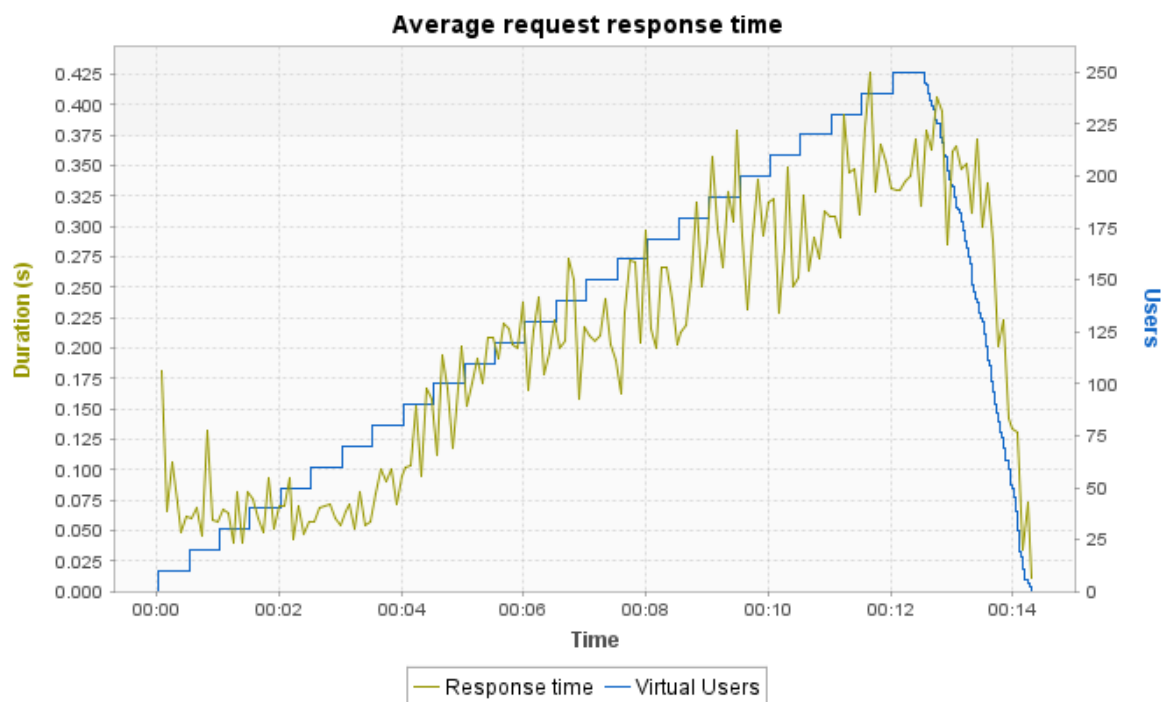
Average page response time



Min	Average	Max
0.019	1.299	2.259

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

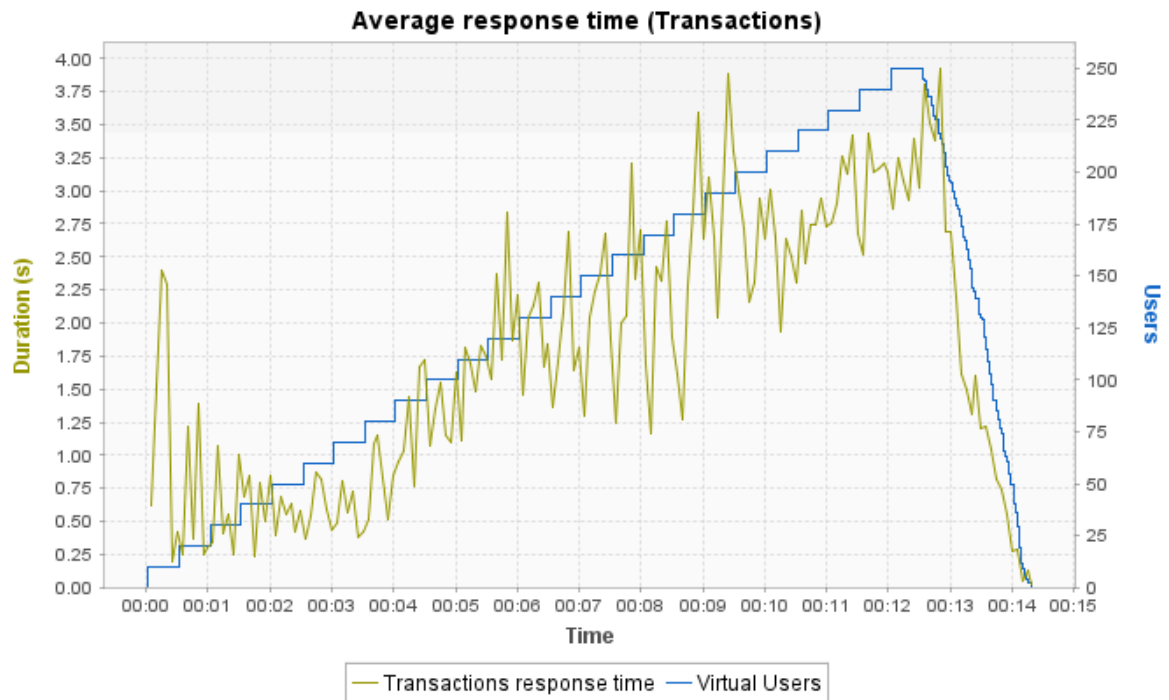
Average request response time



Min	Average	Max
0.012	0.242	0.427

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

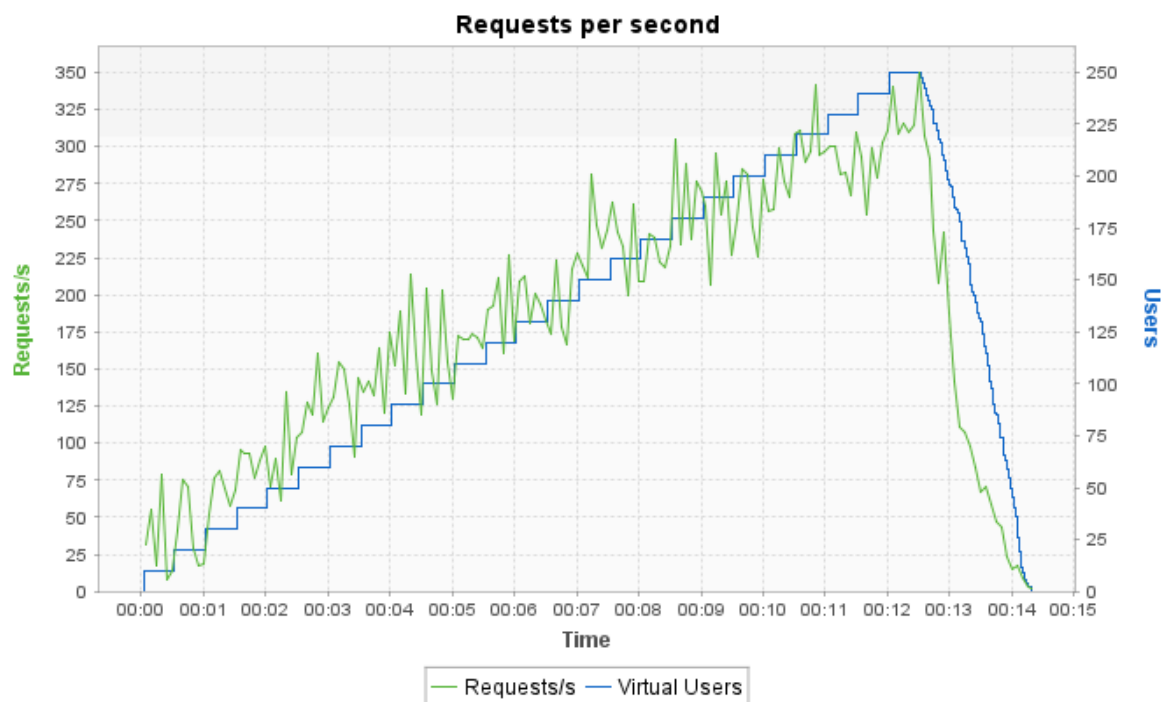
Average response time (Transactions)



Min	Average	Max	Median	Avg-90%	Std. Dev.
0.019	2.134	3.926	2.276	2.147	0.931

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

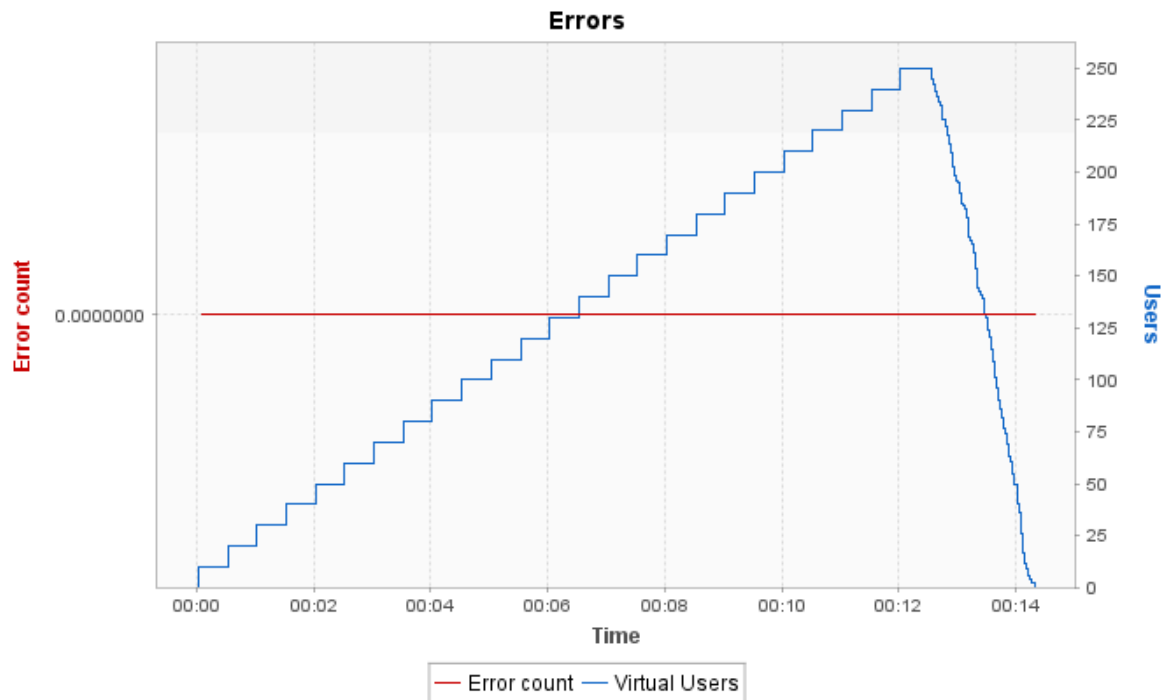
Requests per second



Min	Average	Max
2	180.6	350

Notes: Displays the number of requests per second.

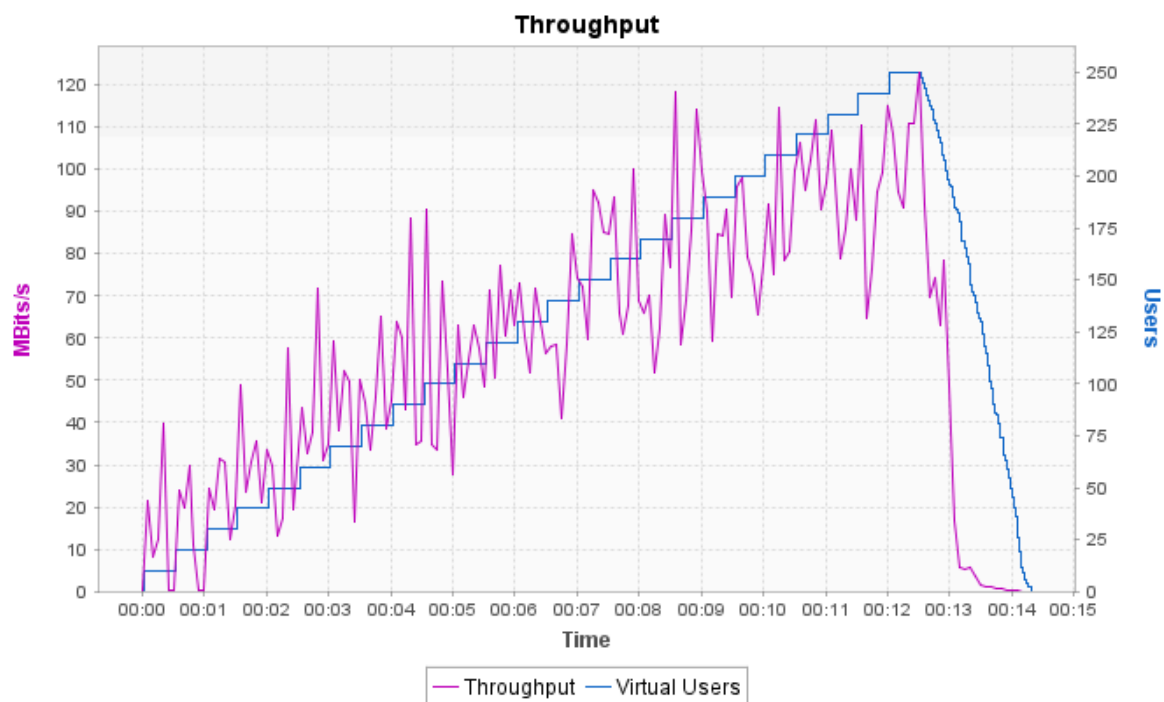
Errors



Min	Average	Max
0	0	0

Notes: Displays the number of errors per sampling interval.

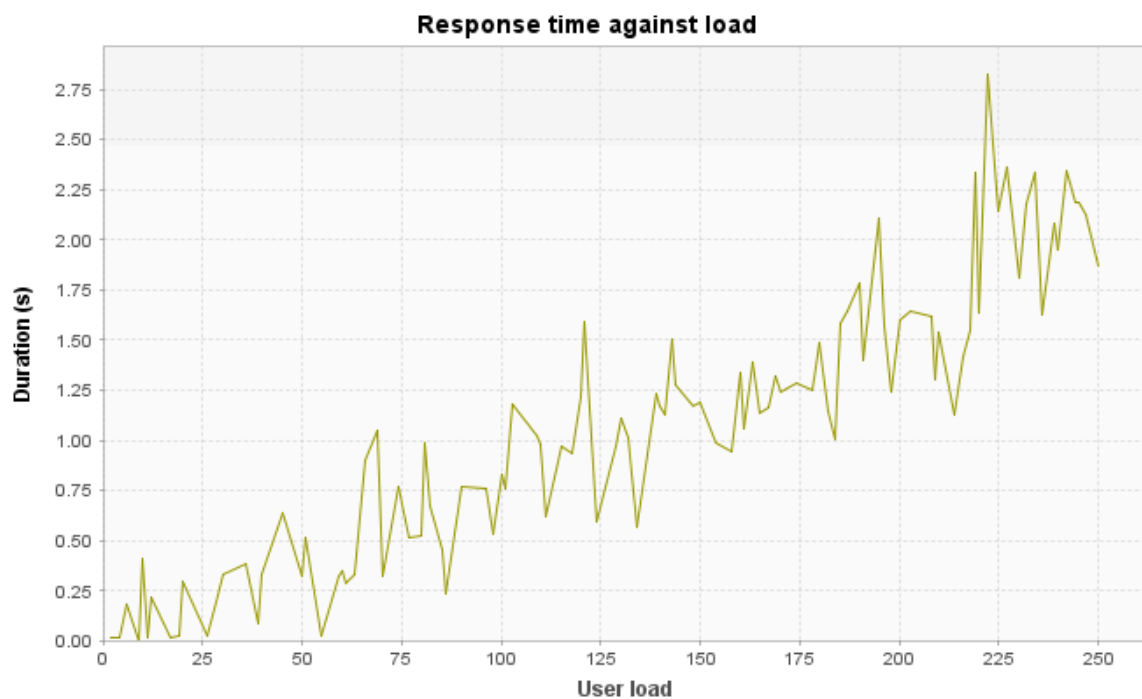
Throughput



Min	Average	Max
0	56.77	122.9

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

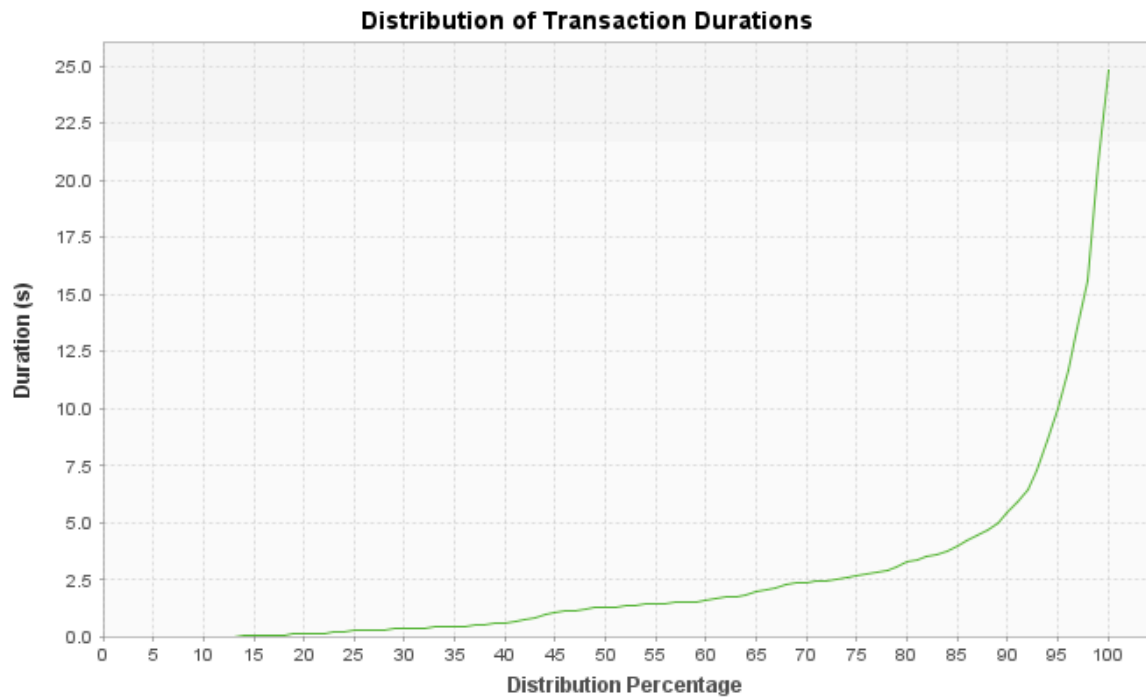
Response time against load



Min	Average	Max
0	1.068	2.823

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.