

Performance Test Report



Date	Apr 12, 2023, 7:12:10 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

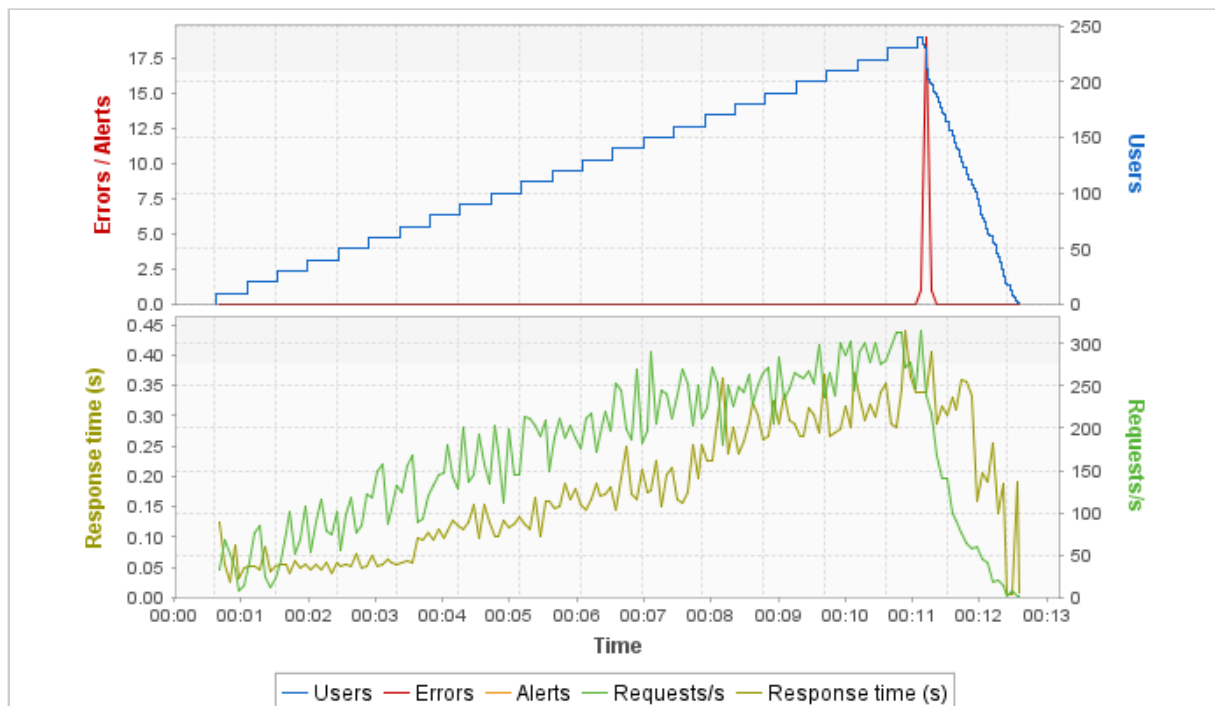
Results summary

Name	07:11 - 12 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 12, 2023, 7:12:10 AM	Stop Policy	• Population BE: undefined.
End date	Apr 12, 2023, 7:25:22 AM	Filters	None
Duration	00:13:11	Debug	Disabled
Termination reason	No more variable values		
LG Hosts	887357-1RDPT002.davison.io cal:7100		

Statistics Summary

Total pages	23084	Average pages/s	29.1
Total requests	134357	Average requests/s	169.6
Total users launched	241	Average Request response time	0.215 s
Total iterations completed	1021	Average Page response time	1.16 s
Total throughput	5,402 MB	Average throughput	54.57 Mb/s
Total request errors	21	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	21

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	5.71
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login	2.23
BE_Standard_C4484573	BE_Benefit Enrollment	/wave1/apis/ep/peos	2.1
BE_Standard_C4484573	BE_Confirm Enrollment	/wave1/apis/obbe/rest2/qaphr998...FIRM.ENROLLMENT/ null	1.95
BE_Standard_C4484573	BE_Dependents	/wave1/apis/obbe/rest2/qaphr998...UMMARY/ getEnrollment	1.92

Top 5 maximum response time (Pages)

User Path	Parent	Page	Duration
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login_1	18
BE_Standard_C4484573	BE_Dependents	/wave1/apis/obbe/rest2/qaphr998...UMMARY/ getEnrollment	9.14
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login	8.9
BE_Standard_C4484573	BE_Confirm Enrollment	/wave1/apis/obbe/rest2/qaphr998...FIRM.ENROLLMENT/ null	8.42
BE_Standard_C4484573	BE_Commuter Form	/wave1/apis/obbe/rest2/qaphr998...MMARY/ saveEnrollment	8.34

Errors

Request errors

Error Type	Count	Description
Assertions	21	Validation of the response failed.
Total	21	Total error count.

Action errors

No errors

Alerts

No alerts

General statistics

Min	Avg	Max	Count	Err	% of Err	SLA Profile
All User Paths						
0.524	110.8	186	241	21	8.7	-
All pages						
0	1.16	18	23,084	21	0.1	-
All requests						
0	0.215	7.53	134,357	21	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	1.9	26.9	14,063	21	0.1	1.05	7.39	15.3	2.91	1.44	-

Scenario

Summary

Name	07:11 - 12 Apr 2023	Project	PrismHR_Main
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Termination reason	No more variable values		
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	07:11 - 12 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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End date	Apr 12, 2023, 7:25:22 AM		
Duration	00:13:11		
Termination reason	No more variable values	Filters	None
LG Hosts	887357-1RDPT002.davison.io cal: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	

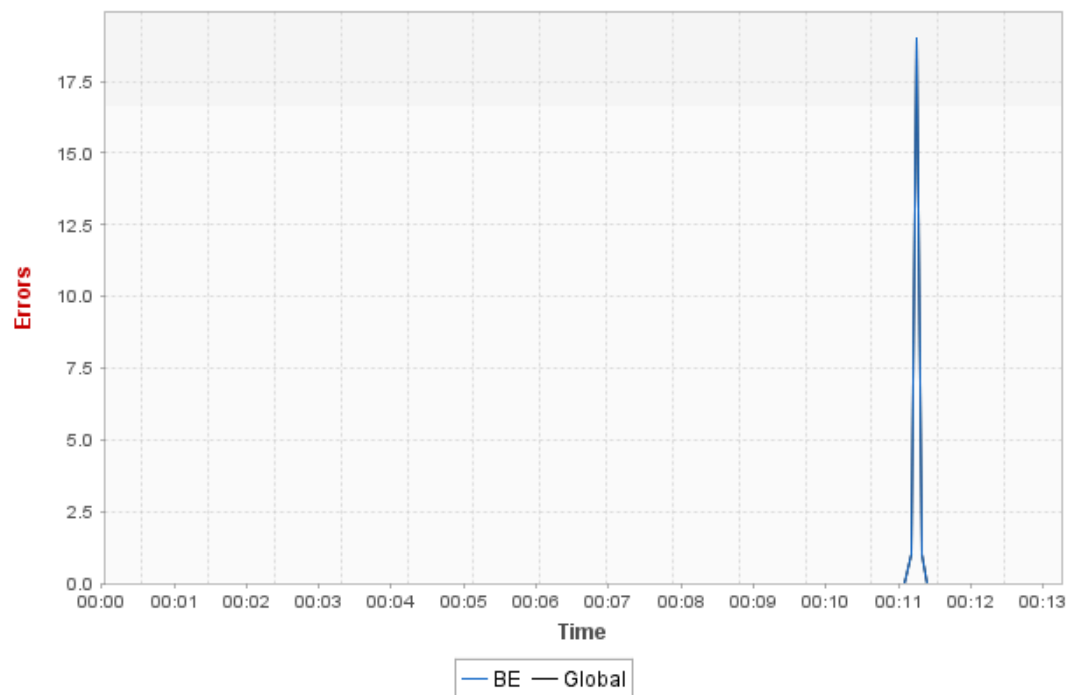
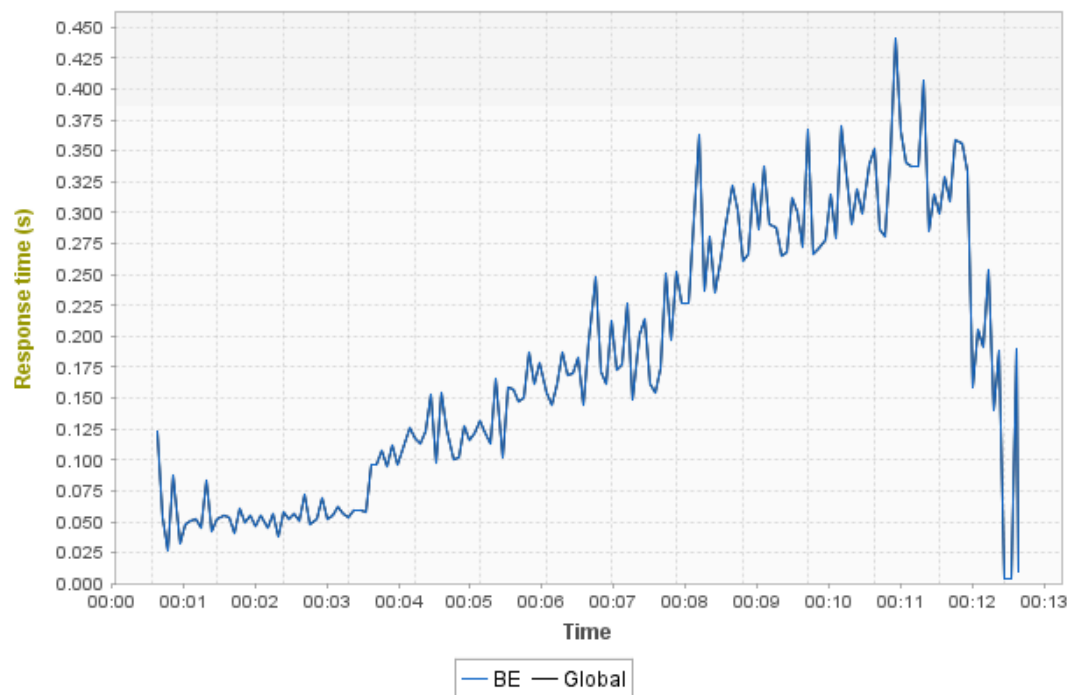
User Paths settings

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	134357 (100%)	169.6	1.16s (0%)	0% (0%)
Global	134357 (100%)	169.6	1.16s	0%



















User Paths

Min	Avg	Max	Count	Err	% of Err	SLA Profile
 BE_Standard_C4484573						
0.524	110.8	186	241	21	8.7	-

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											
0.524	110.8	186	241	21	8.7	-	-	-	-	-	-
 Init											
0	0	0	241	0	0	-	-	-	-	-	-
 Actions											
0.473	26.2	58.6	1,021	21	2.1	-	-	-	-	-	-
 START											
0	0	0	1,021	0	0	0	0	0	0	0	-
 BE_Landing											
0.233	0.917	5.29	1,021	0	0	0.577	2.36	3.3	0.723	0.847	-
 BE_Login											
0	8.92	26.9	1,021	21	2.1	8.76	18.1	21.3	5.41	8.74	-
 BE_Benefit Enrollment											
1.4	4.54	11.5	1,000	0	0	4.27	8.9	10.64	2.24	4.4	-
 BE_Welcome_Benefit Enrollment											
0.092	1.15	6	1,000	0	0	1.16	3.23	4.21	1.05	1.06	-
 BE_Dependents											
0.273	1.92	9.14	1,000	0	0	1.52	4.59	6	1.46	1.8	-
 BE_Medical											
0.207	1.35	6.25	1,000	0	0	1.27	3.54	4.51	1.11	1.25	-
 BE_HSA											
0.192	1.31	6.72	1,000	0	0	1.26	3.45	4.71	1.13	1.21	-
 BE_FSA											
0.23	1.75	7.48	1,000	0	0	1.45	4.49	5.71	1.36	1.63	-
 BE_Commuter Form											
0.3	2	8.48	1,000	0	0	1.66	4.71	6.4	1.46	1.89	-
 BE_Benefit Summary											
0.032	0.577	3.61	1,000	0	0	0.135	2.1	3.09	0.699	0.499	-
 BE_Confirm Enrollment											
0.282	1.95	8.42	1,000	0	0	1.59	4.61	6.05	1.43	1.84	-
 BE_Logout											
0.003	0.115	2.07	1,000	0	0	0.033	1.03	1.11	0.271	0.067	-
 FINISH											
0	0	0	1,000	0	0	0	0	0	0	0	-
 End											
0	0	0	241	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						
0.524	110.8	186	241	21	8.7	-
 Actions						
0.473	26.2	58.6	1,021	21	2.1	-
 BE_Landing						
0.233	0.917	5.29	1,021	0	0	-
 /						
0.16	0.396	3.05	1,021	0	0	-
 /1081.91afdd311a74c3ae.js						
0.015	0.235	3.03	1,021	0	0	-
 /wave1/apis/ep/logout						
0.04	0.284	2.83	1,021	0	0	-
 BE_Login						
0	8.92	26.9	1,021	21	2.1	-
 /wave1/apis/ep/login						
0	2.23	8.9	1,021	21	2.1	-
 /wave1/apis/ep/login_1						
0.747	5.71	18	1,000	0	0	-
 /wave1/apis/ep/benefits/104/summary/						
0.117	1.12	5.49	1,000	0	0	-
 BE_Benefit Enrollment						
1.4	4.54	11.5	1,000	0	0	-
 /wave1/apis/ep/sso/obbe						
0.015	0.183	2.77	1,000	0	0	-
 /phr/ess/qaphr998two/sso/benefitEnrollment						
0.305	1.01	4.47	1,000	0	0	-
 /wave1/apis/ep/peos						
0.682	2.1	7.87	1,000	0	0	-
 /						
0.301	0.938	4.52	1,000	0	0	-
 /wave1/apis/obbe/rest2/qaphr99....JSFORMS.EDIT/getForm						
0.022	0.301	3.16	1,000	0	0	-
 BE_Welcome_Benefit Enrollment						
0.092	1.15	6	1,000	0	0	-
 /wave1/apis/obbe/rest2/qaphr99....JSFORMS.EDIT/getForm						
0.092	1.15	6	1,000	0	0	-
 BE_Dependents						
0.273	1.92	9.14	1,000	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...UMMARY/getEnrollment						
0.273	1.92	9.14	1,000	0	0	-





Min	Avg	Max	Count	Err	% of Err	SLA Profile
 BE_Medical						
0.207	1.35	6.25	1,000	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment						
0.207	1.35	6.25	1,000	0	0	-
 BE_HSA						
0.192	1.31	6.72	1,000	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment						
0.192	1.31	6.72	1,000	0	0	-
 BE_FSA						
0.23	1.75	7.48	1,000	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...AN.SUMMARY/getValues						
0.027	0.339	3.15	1,000	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment						
0.198	1.41	7.43	1,000	0	0	-
 BE_Commuter Form						
0.3	2	8.48	1,000	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...AN.SUMMARY/getValues						
0.028	0.354	3.07	1,000	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment						
0.253	1.65	8.34	1,000	0	0	-
 BE_Benefit Summary						
0.032	0.577	3.61	1,000	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment						
0.032	0.577	3.61	1,000	0	0	-
 BE_Confirm Enrollment						
0.282	1.95	8.42	1,000	0	0	-
 /wave1/apis/obbe/rest2/qaphr99...FIRM.ENROLLMENT/null						
0.282	1.95	8.42	1,000	0	0	-
 BE_Logout						
0.003	0.115	2.07	1,000	0	0	-
 /wave1/apis/ep/logout						
0	0.034	1.16	1,000	0	0	-
 /						
0.002	0.081	2.05	1,000	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
Controller/User Load					
0	118.9	240	120	118.7	67.1
Controller/Throughput					
0	54.6	175.2	52.9	52.7	40.3
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					
27	31.7	54	31	31.3	3.61
Controller/JVM Memory Used					
15	22.6	30	22	22.5	4.35
Controller/OS Memory Used					
44	44	44	44	44	0
Controller/Thread Count					
535	556.9	566	556	556.4	2.63
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	125.6	3,376	104.5	111.2	186.5
Controller/Network/Segments retransmitted/sec.					
0	0.06	47.7	0	0	1.7
Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits received/sec.					
0.015	0.352	2.01	0.135	0.298	0.475
Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits sent/sec.					
0.074	1	2.96	1.01	0.988	0.531
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	118.9	240	120	118.7	67.1
Controller/Default zone/BE/User Load					
1	119	240	120	118.8	67
Controller/Default zone/BE/BE_Standard_C4484573/User Load					
1	119	240	120	118.8	67

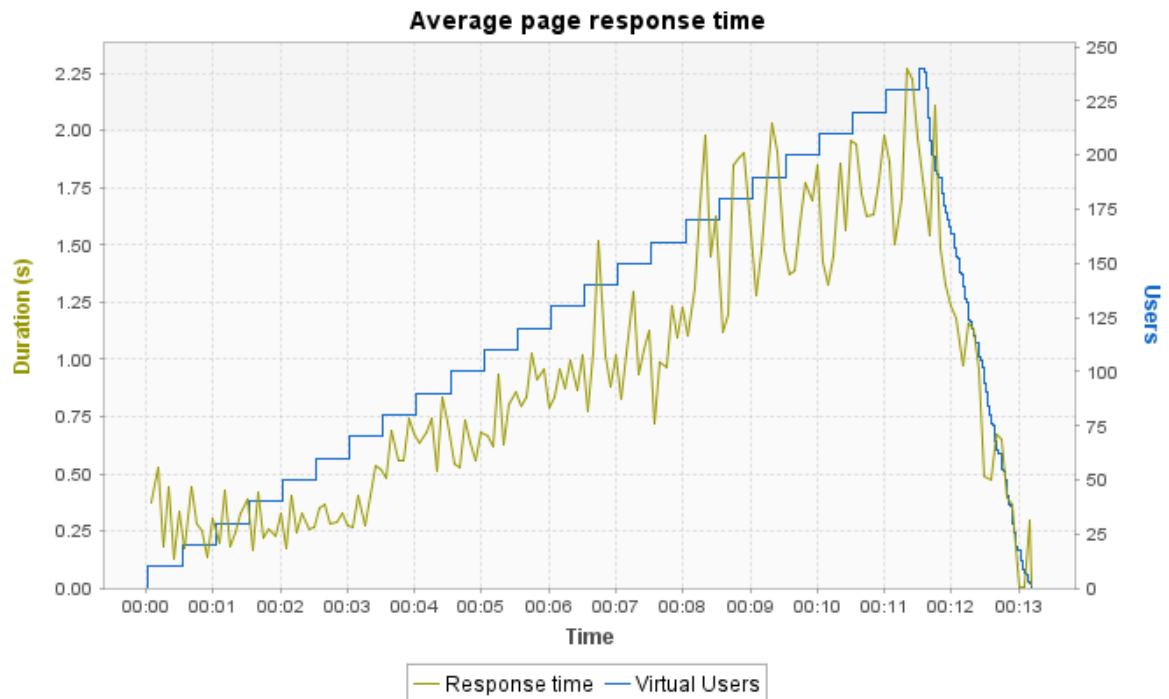
LG 887357-1RDPT002.davison.local:7100

Performance Counters

Min	Avg	Max	Med	Avg-90%	Std Dev
LG 887357-1RDPT002.davison.local:7100/CPU Load					
0	21	93	21	20.9	8.82
LG 887357-1RDPT002.davison.local:7100/JVM Memory Used					
0	6.15	19	5	5.9	3.07

Min	Avg	Max	Med	Avg-90%	Std Dev
LG 887357-1RDPT002.davison.local:7100/OS Memory Used					
42	46.4	50	46	46.4	1.88
LG 887357-1RDPT002.davison.local:7100/Throughput					
0	54.6	175.2	52.9	52.7	40.3
LG 887357-1RDPT002.davison.local:7100/User Load					
0	118.9	240	120	118.7	67.1
LG 887357-1RDPT002.davison.local:7100/Thread Count					
0	221.6	378	213	220.3	83.3
LG 887357-1RDPT002.davison.local:7100/Http client/Thread Pool used					
0	0.111	0.19	0.1	0.108	0.024
LG 887357-1RDPT002.davison.local:7100/Http client/Task Pool used					
0	0.001	0.05	0	0	0.004
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	45.4	63	50	46.9	16.8
LG 887357-1RDPT002.davison.local:7100/Network/Segments sent/sec.					
0	2,453	20,367	0	1,975	3,693
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.					
0.011	57.1	181.7	55.5	55.1	42.1
LG 887357-1RDPT002.davison.local:7100/Network/eth4 (vmxn...)/Megabits sent/sec.					
0.022	2.65	6.53	2.81	2.63	1.47

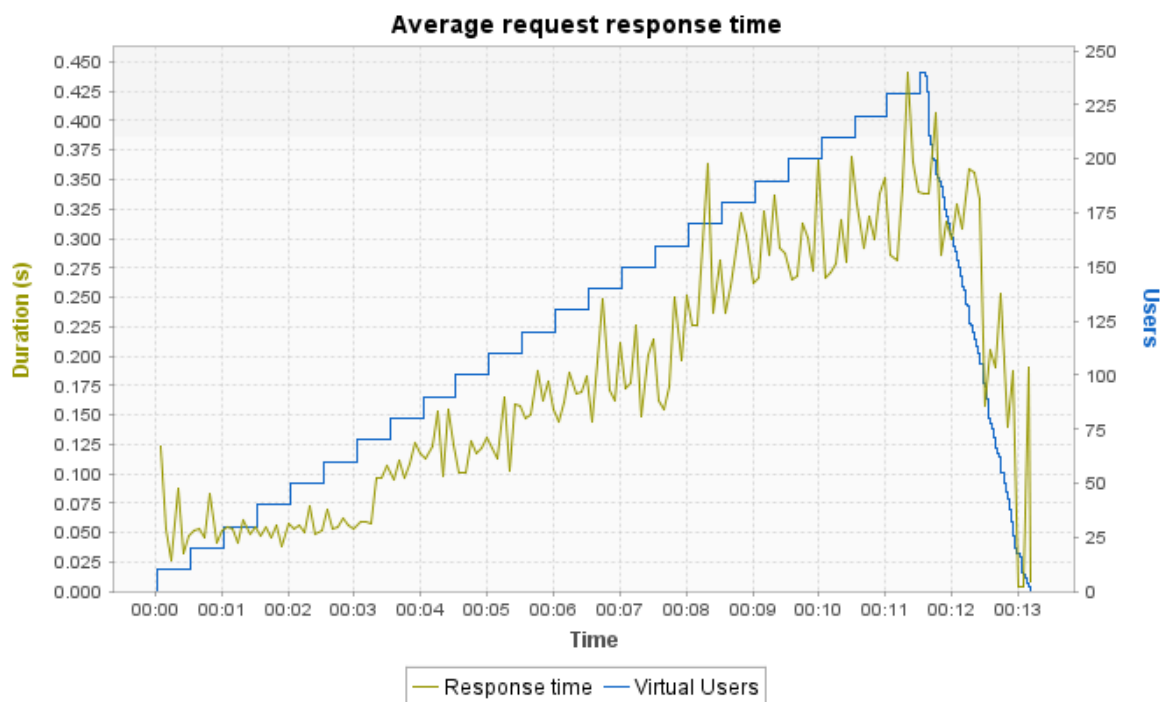
Average page response time



Min	Average	Max
0.005	1.157	2.27

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

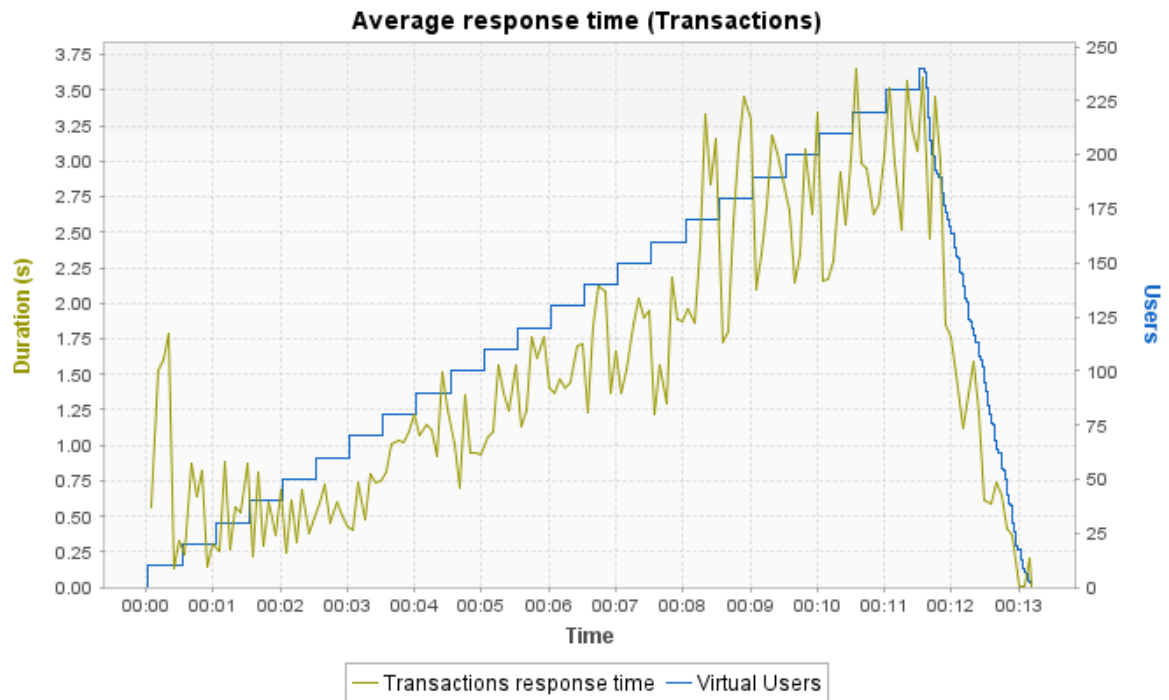
Average request response time



Min	Average	Max
0.004	0.215	0.441

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

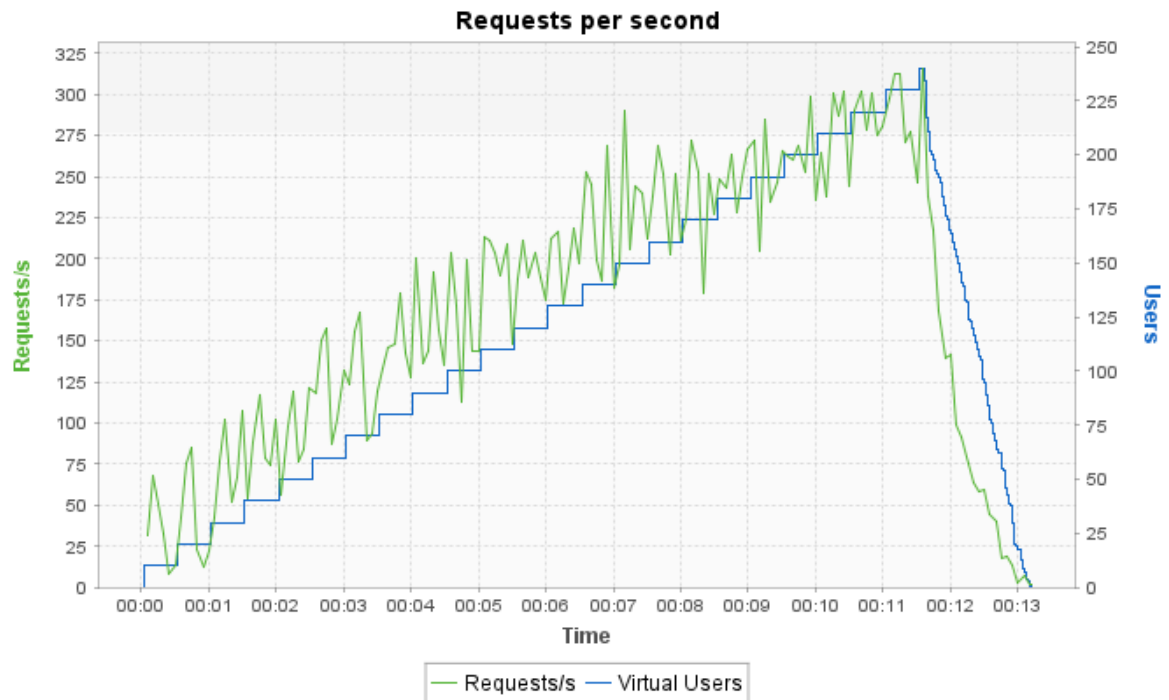
Average response time (Transactions)



Min	Average	Max	Median	Avg-90%	Std. Dev.
0.004	1.899	3.653	1.841	1.895	0.927

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

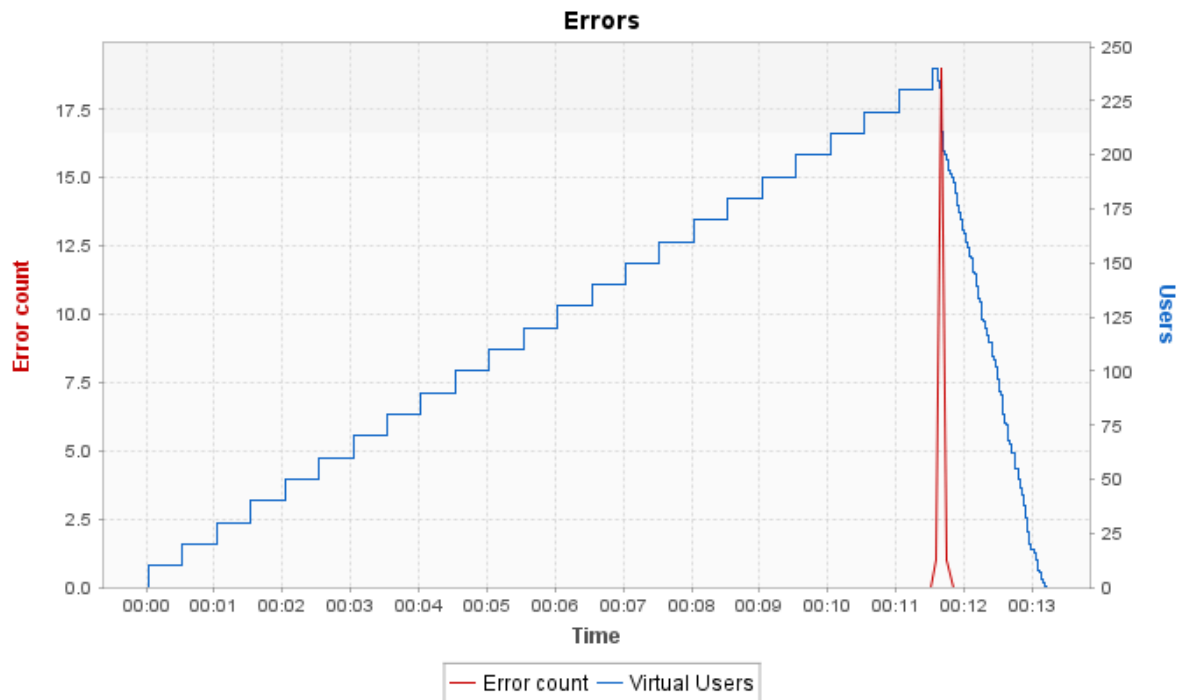
Requests per second



Min	Average	Max
1.5	169.6	315.8

Notes: Displays the number of requests per second.

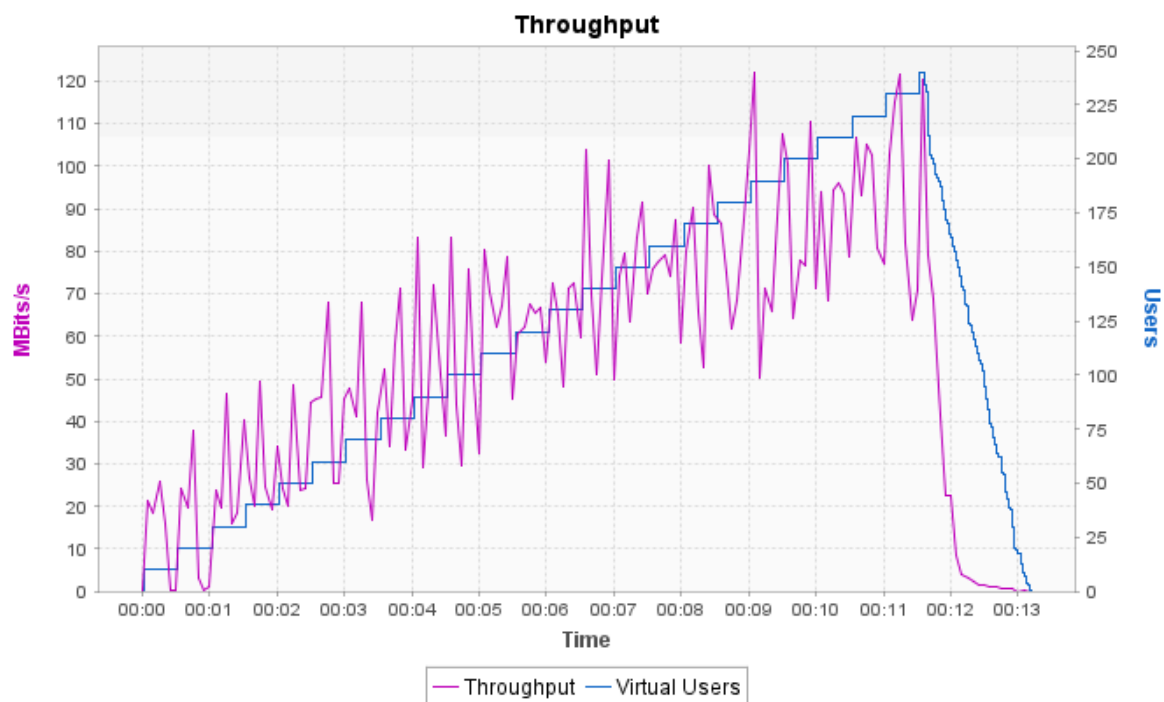
Errors



Min	Average	Max
0	0.1	19

Notes: Displays the number of errors per sampling interval.

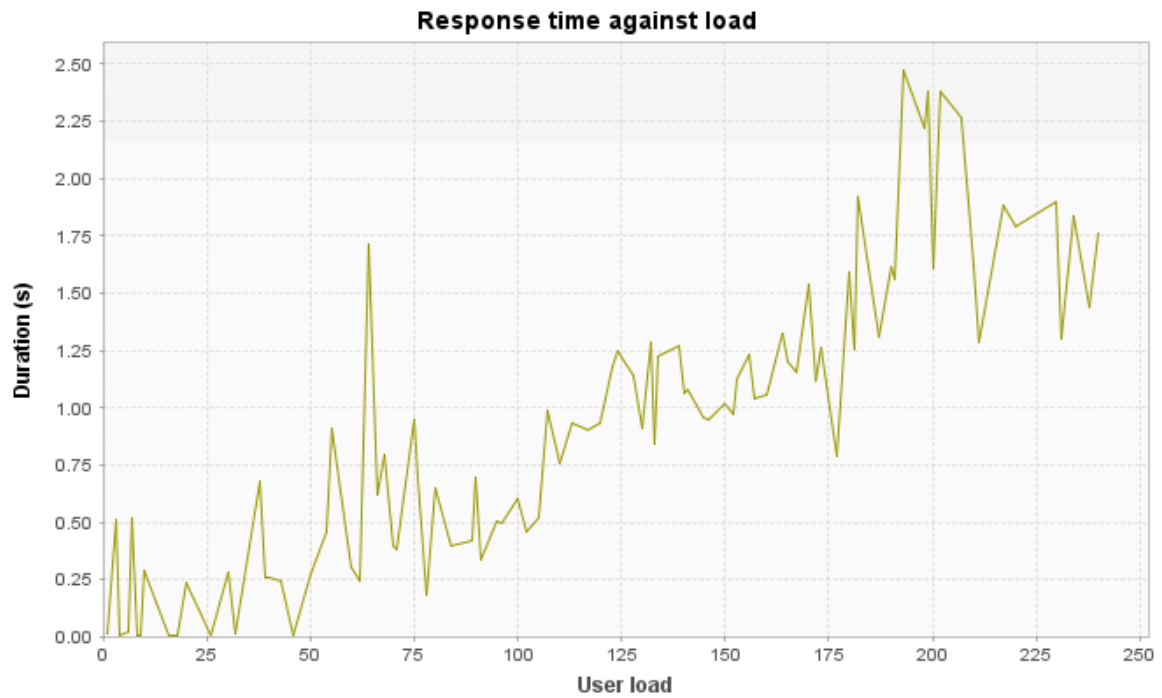
Throughput



Min	Average	Max
0	54.02	122.05

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

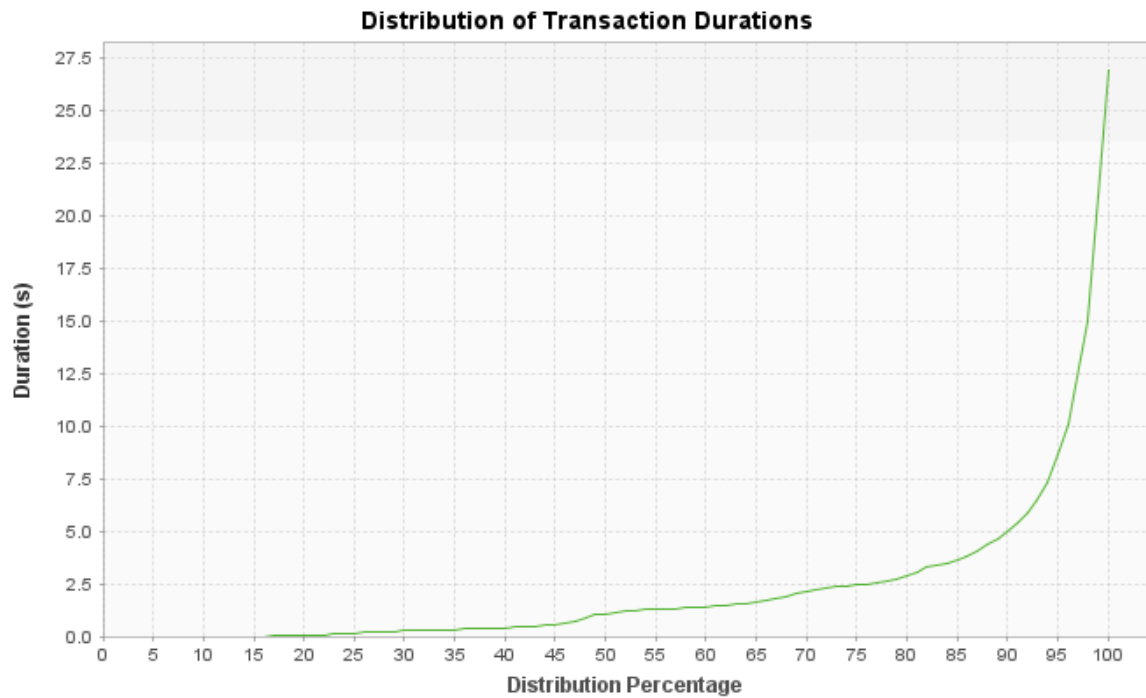
Response time against load



Min	Average	Max
0.003	0.927	2.471

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.