# Performance Test Report



Date	Apr 28, 2023, 10:34:17 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	

# Table of Contents

Table of Contents	2
Summary	3
Results summary	
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)	
Requests per second	
Errors	
Throughput	24
Response time against load	
Distribution of Transaction Durations	26

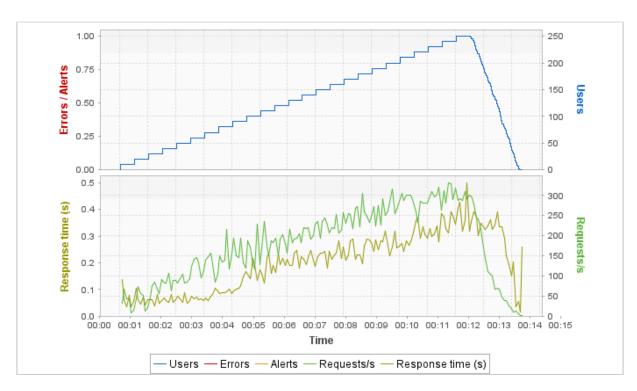
# **Results summary**

Name	10:33 - 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			
Start date	Apr 28, 2023, 10:34:17 AM		250 users.			
End date	Apr 28, 2023, 10:48:40 AM	Stop Policy	Population BE: undefined.			
Duration	00:14:23					
Termination reason	Execution policy	Filters	None			
LG Hosts	887357-1RDPT002.davison.lo cal:7100	Debug	Disabled			

# **Statistics Summary**

Total pages	26358	_	Average pages/s	30.5	-
Total requests	154710	_	Average requests/s	179.1	_
Total users launched	250	-	Average Request response time	0.241 s	-
Total iterations completed	1146	-	Average Page response time	1.3 s	-
Total throughput	6,123 MB	-	Average throughput	56.69 Mb/s	-
Total request errors	0	_	Error rate	0 %	_
Total action errors	0	-	Alerts total duration	0 %	-





#### **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	6.45
BE_Standard_C4484573	BE_Login	/apis/ep/login	2.66
BE_Standard_C4484573	BE_Benefit Enrollment	/apis/ep/peos	2.29
BE_Standard_C4484573	BE_Confirm Enrollment	/apis/obbe/rest2/qaphr998two/OBFIRM.ENROLLMENT/null	2.24
BE_Standard_C4484573	BE_Dependents	/apis/obbe/rest2/qaphr998two/OBUMMARY/ getEnrollment	2.2

#### Top 5 maximum response time (Pages)

User Path	Parent	Page	Duration
BE_Standard_C4484573	BE_Login	/apis/ep/login_1	21
BE_Standard_C4484573	BE_Confirm Enrollment	/apis/obbe/rest2/qaphr998two/OBFIRM.ENROLLMENT/null	10.01
BE_Standard_C4484573	BE_Login	/apis/ep/login	9.96
BE_Standard_C4484573	BE_Dependents	/apis/obbe/rest2/qaphr998two/OBUMMARY/ getEnrollment	8.62
BE_Standard_C4484573	BE_Commuter Form	/apis/obbe/rest2/qaphr998two/OBMMARY/ saveEnrollment	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								
29.6	136.6	224.7	250	0	0	-		
All pages								
0	1.29	21	26,358	0	0	-		
All requests								
0	0.241	7.52	154,710	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	29.6	16,044	0	0	1.26	8.48	16.4	3.16	1.62	-

# Scenario

# **Summary**

Name	10:33 - 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	<ul> <li>The population BE is ramp up from 10 users adding 10 users every 30.0 seconds, to a maximum of 250 users.</li> </ul>		
Start date	Apr 28, 2023, 10:34:17 AM				
End date	Apr 28, 2023, 10:48:40 AM	Stop Policy	Population BE: undefined.		
Duration	00:14:23				
Termination reason	Execution policy	Filters	None		
LG Hosts	887357-1RDPT002.davison.lo cal:7100	Debug	Disabled		

# **Populations**

#### ΒE

User Path	Percentage	WAN Emulation	Signal strength	Bandwidth	Latency ↑	Packet loss % ↑	Bandwidth ↓		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_C4484	This BE User Path is for the TestRail User 5 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	10:33 - 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 dding 10 users every 30.0 seconds, to a maximum of	
Start date	Apr 28, 2023, 10:34:17 AM		250 users.	
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Duration	00:14:23			
Termination reason	Execution policy	Filters	None	
LG Hosts	887357-1RDPT002.davison.lo cal:7100	Debug	Disabled	

NeoLoad version9.0.1;build=20220923-87Graphs granularityStandard

# **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**

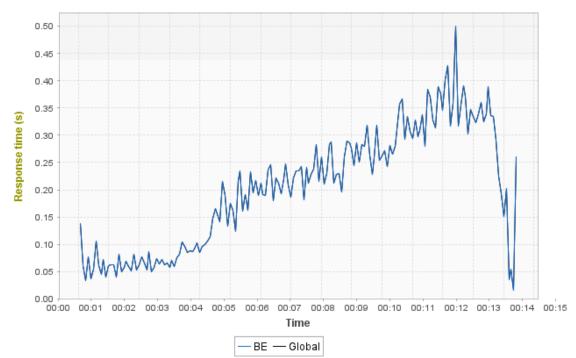
BE_Standard_C4484573	
Error policy:	Go to the next iteration
Assertion policy:	Stop and start a new Virtual User
Thinktime policy:	defined in pages (with random delay of +/- 15%)
Pacing:	No pacing

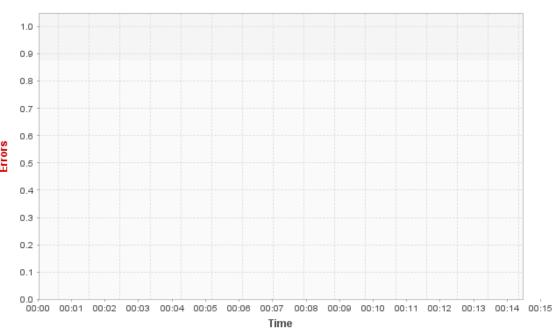
# Servers

# **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	154710 (100%)	179.1	1.3s (0%)	0% ( - %)
Global	154710 (100%)	179.1	1.3s	0%

BE — Global

# User Paths

# **User Paths**

Min	Avg	Max	Count	Err	% of Err	SLA Profile
BE_Standard	I_C4484573					
29.6	136.6	224.7	250	0	0	-

#### Transactions

# **Shared Containers**

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

Min	Avg	Max	Count	Err	% of Err	Perc 50	Perc 95	Perc 99	Std Dev	Avg-90%	SLA Profile
BE.	_Standard_	C4484573									
29.6	136.6	224.7	250	0	0	-	-	-	-	-	-
	Init										
0	0	0	250	0	0	-	-	-	-	-	-
	Actions										
5.86	29.8	62.5	1,146	0	0	-	-	-	-	-	-
	START	-									
0	0	0	1,146	0	0	0	0	0	0	0	-
	BE_La	nding									
0.225	0.966	4.69	1,146	0	0	0.648	2.38	3.43	0.743	0.891	-
	BE_Lo	gin									
1.21	10.44	29.6	1,146	0	0	10.58	19.8	23.3	5.45	10.28	-
	BE_Be	nefit Enro	Ilment								
1.54	4.6	13.3	1,146	0	0	4.43	8.32	10.02	2.02	4.5	-
	BE_We	elcome_Be	enefit Enro	llment							
0.102	1.32	7.41	1,146	0	0	1.23	3.43	4.61	1.15	1.22	-
	BE_De	pendents									
0.312	2.2	8.62	1,146	0	0	1.9	4.81	6.3	1.46	2.1	-
	BE_Me	edical									
0.229	1.46	6.36	1,146	0	0	1.37	3.53	4.63	1.07	1.37	-
	BE_HS	SA .									
0.219	1.44	6.62	1,146	0	0	1.33	3.51	4.66	1.12	1.35	-
	BE_FS	Α									
0.275	1.86	8.33	1,146	0	0	1.57	4.4	5.52	1.29	1.76	-
	BE_Co	mmuter F	orm								
0.338	2.3	9.44	1,146	0	0	1.99	5.14	7.07	1.55	2.19	-
	BE_Be	nefit Sum	mary								
0.047		5.49	1,146	0	0	0.2	2.17	3.18	0.751	0.569	-
	BE_Co	nfirm Enro	ollment								
0.326	2.24	10.01	1,146	0	0	1.85	4.97	6.57	1.53	2.13	-
	BE_Lo	gout									
0.017	0.317	3.36	1,146	0	0	0.097	1.18	2.07	0.459	0.26	-
	FINISH	I									
0	0	0	1,146	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						

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

# **Shared Containers**

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

Min	Avg	Max	Count	Err	% of Err	SLA Profile
	_	max	Journ		70 01 2.1	02/11/0/110
₩ BE	_Standard_C4484573 136.6	224.7	250	0	0	-
		224.1	230	U	U	
	Actions 29.8	62.5	1,146	0	0	-
5.86		02.5	1,140	U	U	-
0.005	☐ BE_Landing	4.00	4.440	0		
0.225	0.966	4.69	1,146	0	0	-
	<u>•</u> /				-	
0.15	0.396	2.31	1,146	0	0	-
	/apis/ep/peos					
0.015	0.256	2.22	1,146	0	0	-
	// /apis/ep/logout					
0.041	0.313	3.29	1,146	0	0	-
	BE_Login					
1.21	10.44	29.6	1,146	0	0	-
	// /apis/ep/login					
0.209	2.66	9.96	1,146	0	0	-
	//apis/ep/login_1					
0.798	6.45	21	1,146	0	0	-
	// // // // // // // // // // // // //	/104/summary/				
0.115	1.33	7.17	1,146	0	0	-
	BE_Benefit Enrollme	ent				
1.54	4.6	13.3	1,146	0	0	-
	/apis/ep/sso/obb	e				
0.013	0.224	2.44	1,146	0	0	-
	/phr/ess/qaphr99	98two/sso/benef	itEnrollment			
0.312	1.08	4.75	1,146	0	0	-
	/apis/ep/peos					
0.741	2.29	7.49	1,146	0	0	-
	<u> </u>					
0.279	0.678	3.33	1,146	0	0	-
	//apis/obbe/rest2/	/gaphr998two/O	JSFORMS.EDI	T/getForm		
0.022	0.33	3.31	1,146	0	0	-
	BE_Welcome_Benef					
0.102	1.32	7.41	1,146	0	0	-
	//apis/obbe/rest2/					
0.102	1.32	7.41	1,146	0	0	-
	BE_Dependents		,	-		
0.312	2.2	8.62	1,146	0	0	_
0.012					Ŭ	
0.312	/apis/obbe/rest2	/qaphr998two/O 8.62	UMMARY/getE 1,146	nrollment 0	0	-
0.012	۷.۲	0.02	1,1-10	0	<u> </u>	

Min	Avg	Max	Count	Err	% of Err	SLA Profile	
	BE_Medical						
0.229	1.46	6.36	1,146	0	0	-	
	//apis/obbe/rest2/	qaphr998two/O.	MMARY/saveE	inrollment			
0.229	1.46	6.36	1,146	0	0	-	
	BE_HSA						
0.219	1.44	6.62	1,146	0	0	-	
	/apis/obbe/rest2/	qaphr998two/O.	MMARY/saveE	inrollment			
0.219	1.44	6.62	1,146	0	0	-	
	BE_FSA						
0.275	1.86	8.33	1,146	0	0	-	
	/apis/obbe/rest2/	qaphr998two/O.	AN.SUMMARY	/getValues			
0.031	0.368	3.1	1,146	0	0	-	
	/apis/obbe/rest2/		MMARY/saveE	nrollment			
0.243	1.49	6.51	1,146	0	0	-	
	BE_Commuter Form						
0.338	2.3	9.44	1,146	0	0	-	
	//apis/obbe/rest2/qaphr998two/OAN.SUMMARY/getValues						
0.029	0.353	3.52	1,146	0	0	-	
	/apis/obbe/rest2/			nrollment			
0.279	1.95	8.39	1,146	0	0	-	
	BE_Benefit Summar						
0.047	0.653	5.49	1,146	0	0	-	
	/apis/obbe/rest2/						
0.047	0.653	5.49	1,146	0	0	-	
	BE_Confirm Enrollm						
0.326	2.24	10.01	1,146	0	0	-	
	/apis/obbe/rest2/						
0.326	2.24	10.01	1,146	0	0	-	
	BE_Logout						
0.017	0.317	3.36	1,146	0	0	-	
	/apis/ep/logout						
0	0.048	1.08	1,146	0	0		
	<pre>/apis/ep/logout_1</pre>				_		
0.017	0.269	2.88	1,146	0	0	-	

# SLA per User Path

# **Shared Containers**

SLA	Value	Severity
Empty list		

SLA	Value	Severity
BE_Standard	d_C4484573	
Actions		
ë BE_L	Landing	
<u></u> 1		
■ la	apis/ep/peos	
₫ /a	apis/ep/logout	
© BE_L	Login	
₫ la	apis/ep/login	
■ la	apis/ep/login_1	
₫ la	apis/ep/benefits/104/summary/	
© BE_E	Benefit Enrollment	
■ la	apis/ep/sso/obbe	
<u></u> /þ	phr/ess/qaphr998two/sso/benefitEnrollment	
■ la	apis/ep/peos	
<u></u> 1		
■ la	apis/obbe/rest2/qaphr998two/OJSFORMS.EDIT/getForm	
BE_V	Welcome_Benefit Enrollment	
₫ la	apis/obbe/rest2/qaphr998two/OJSFORMS.EDIT/getForm	
© BE_□	Dependents	
₫ /a	apis/obbe/rest2/qaphr998two/OUMMARY/getEnrollment	
BE_N	Medical	
₫ /a	apis/obbe/rest2/qaphr998two/OMMARY/saveEnrollment	
© BE_⊦		
₫ /a	apis/obbe/rest2/qaphr998two/OMMARY/saveEnrollment	
ë BE_F	FSA	
₫ /a	apis/obbe/rest2/qaphr998two/OAN.SUMMARY/getValues	
₫ /a	apis/obbe/rest2/qaphr998two/OMMARY/saveEnrollment	
BE_C	Commuter Form	
	apis/obbe/rest2/qaphr998two/OAN.SUMMARY/getValues	
	apis/obbe/rest2/qaphr998two/OMMARY/saveEnrollment	
	Benefit Summary	
	apis/obbe/rest2/qaphr998two/OMMARY/saveEnrollment	
BE_0	Confirm Enrollment	

SLA	Value	Severity	
	//apis/obbe/rest2/qaphr998two/OFIRM.ENROLLI	MENT/null	
	□ BE_Logout		
	/apis/ep/logout		
	//apis/ep/logout_1		

# Media Contents

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

# Controller

#### **Performance Counters**

		••	** .	4 000/	0.10
Min	Avg	Max	Med	Avg-90%	Std Dev
Controller/User Loa					
0	128.9	250	130	128.9	73.2
Controller/Through					
0	56.7	163.9	55.3	55.2	40
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 Loa	ad				
0	6.66	97	4	4.82	10.36
Controller/JVM Me	mory Used				
11	15.3	20	15	15.3	2.09
Controller/OS Mem	nory Used				
43	43.7	44	44	43.7	0.473
Controller/Thread (	Count				
529	553.6	565	552	553.2	3.76
Controller/Connect	ted				
1	1	1	1	1	0
Controller/Total Dis	sconnections				
0	0	0	0	0	0
Controller/Total Re	connections				
0	0	0	0	0	0
	/Segments sent/sec				
0	130.8	3,266	102.7	115.5	209.5
	/Segments retransn		.02		
0	0	0	0	0	0
-		nernet Adapter)/Meg	-		
0.009	0.357	2.17	0.12	0.298	0.515
		nernet Adapter)/Meg		0.200	0.010
0.012	0.564	3.95	0.114	0.51	0.634
		nernet Adapter #2)/M	-		0.504
0	0	0	0	0	-
		nernet Adapter #2)/M	-	·	
Ontroller/Network	0	0	0	0	-
-		U	U	U	
Controller/Default	128.9	250	120	120.0	72.2
0		250	130	128.9	73.2
	zone/BE/User Load	050	100	100.1	70.4
1	129.1	250	130	129.1	73.1
		rd_C4484573/User L			
1	129.1	250	130	129.1	73.1

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

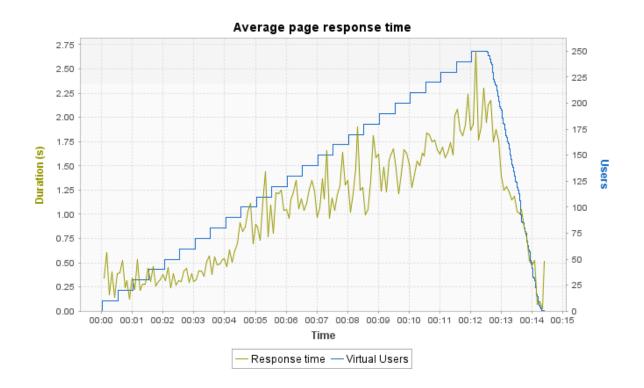
#### **Performance Counters**

Min	Avg	Max	Med	Avg-90%	Std Dev
LG 887357-1RDPT0	002.davison.local:71	00/CPU Load			
0	21.8	94	22	21.7	8.59
LG 887357-1RDPT002.davison.local:7100/JVM Memory Used					
0	5.3	12	5	5.21	2.11

Min	Avg	Max	Med	Avg-90%	Std Dev
LG 887357-1RDPT	002.davison.local:71	100/OS Memory Used	d		
40	42.9	45	43	42.9	1.14
LG 887357-1RDPT	002.davison.local:71	100/Throughput			
0	56.7	163.9	55.3	55.2	40
LG 887357-1RDPT	002.davison.local:71	100/User Load			
0	128.9	250	130	128.9	73.2
LG 887357-1RDPT	002.davison.local:71	100/Thread Count			
0	237.7	401	236	236.2	91.9
LG 887357-1RDPT	002.davison.local:71	100/Http client/Threa	d Pool used		
0	0.115	0.21	0.1	0.111	0.031
LG 887357-1RDPT	002.davison.local:71	100/Http client/Task I	Pool used		
0	0.001	0.05	0	0	0.004
LG 887357-1RDPT	002.davison.local:71	100/Controller Conne	ection/Disconnection	าร	
0	0	0	0	0	-
LG 887357-1RDPT002.davison.local:7100/Controller Connection/Reconnections					
0	0	0	0	0	-
LG 887357-1RDPT	002.davison.local:71	100/Controller Conne	ection/Ping Duration	(ms)	
1	47.8	69	52	49.1	16.8
LG 887357-1RDPT	002.davison.local:71	100/Network/Segmen	its sent/sec.		
0	2,375	19,335	0	1,925	3,578
LG 887357-1RDPT	002.davison.local:71	100/Network/Segmen	its retransmitted/sed	<b>:</b> .	
0	1.79	885	0	0	37.5
LG 887357-1RDPT	002.davison.local:71	100/Network/eth5 (vn	nxngabits received	d/sec.	
0	0	0	0	0	-
LG 887357-1RDPT	002.davison.local:71	100/Network/eth5 (vn	nxn)/Megabits sen	t/sec.	
0	0	0	0	0	-
LG 887357-1RDPT	002.davison.local:71	100/Network/eth4 (vn	nxngabits received	d/sec.	
0.01	59.4	171.1	57.9	57.8	41.7
LG 887357-1RDPT	002.davison.local:71	100/Network/eth4 (vn	nxn)/Megabits sen	t/sec.	
0.022	2.76	6.81	2.8	2.74	1.51



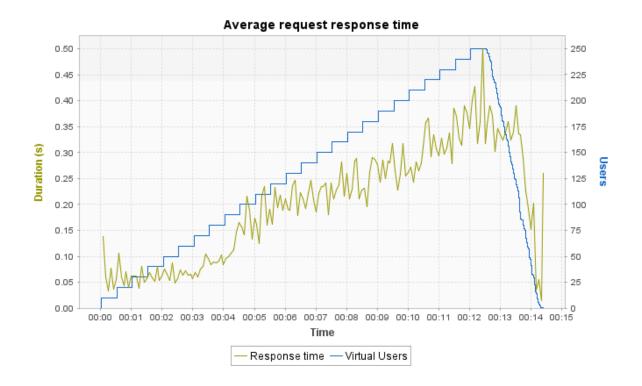
#### Average page response time



Min	Average	Max
0.022	1.296	2.682

 $\textbf{Notes:} \ \mathsf{Displays} \ \mathsf{the} \ \mathsf{average} \ \mathsf{response} \ \mathsf{time}, \ \mathsf{in} \ \mathsf{seconds}, \ \mathsf{of} \ \mathsf{all} \ \mathsf{pages} \ \mathsf{during} \ \mathsf{the} \ \mathsf{test}.$ 

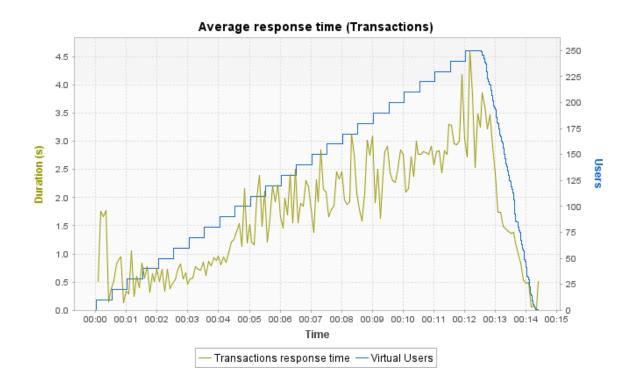
#### Average request response time



Min	Average	Max
0.015	0.241	0.5

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

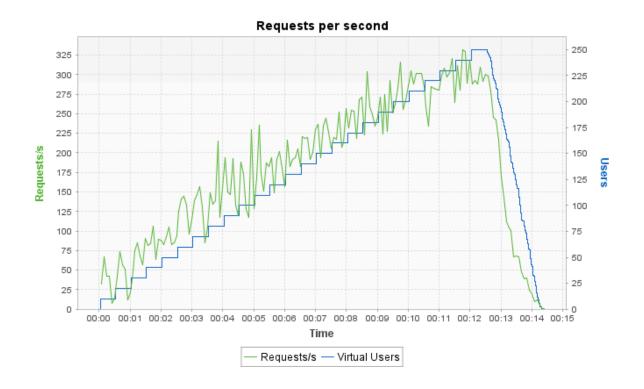
#### **Average response time (Transactions)**



Min	Average	Max	Median	Avg-90%	Std. Dev.
0.022	2.129	4.608	2.196	2.119	0.919

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

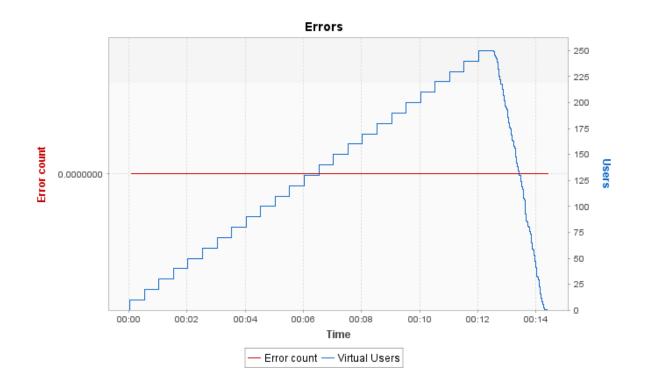
#### Requests per second



Min	Average	Max
0.8	179.1	331.8

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

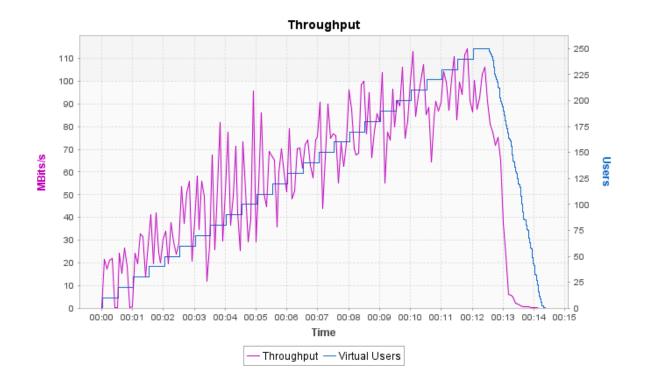
#### **Errors**



Min	Average	Max
0	0	0

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

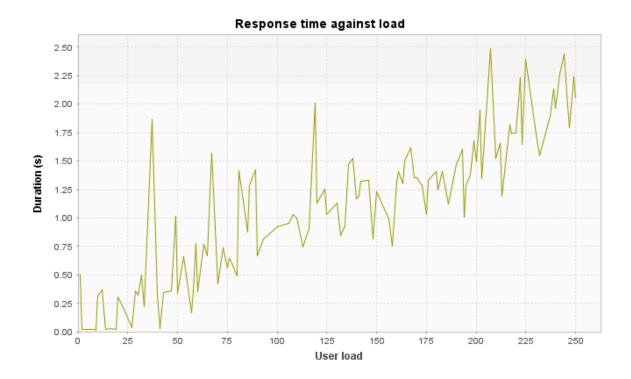
# **Throughput**



Min	Average	Max
0	56.3	114.28

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

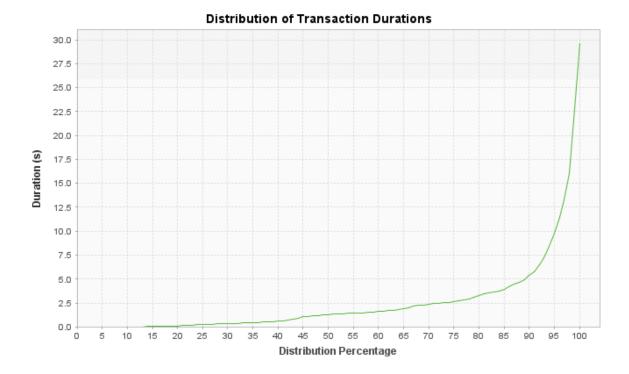
# Response time against load



Min	Average	Max
0.011	1.089	2.485

**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.