Performance Test Report

Date	Apr 12, 2023, 7:30:13 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	

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Results summary

Name	07:29 - 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, 7:30:13 AM		
End date	Apr 12, 2023, 7:43:25 AM	Stop Policy	• Population BE: undefined.
Duration	00:13:11		
Termination reason	No more variable values	Filters	None
LG Hosts	887357-1RDPT002.davison.local:7100	Debug	Disabled

Statistics Summary

Total pages	23100	—	**Average pages/s**	29.2	—
Total requests	134425	—	**Average requests/s**	169.7	—
Total users launched	241	—	**Average Request response time**	0.214 s	—
Total iterations completed	1025	—	**Average Page response time**	1.15 s	—
Total throughput	5,407 MB	—	**Average throughput**	54.62 Mb/s	—
Total request errors	25	—	**Error rate**	0 %	—
Total action errors	0	—	**Alerts total duration**	0 %	—

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

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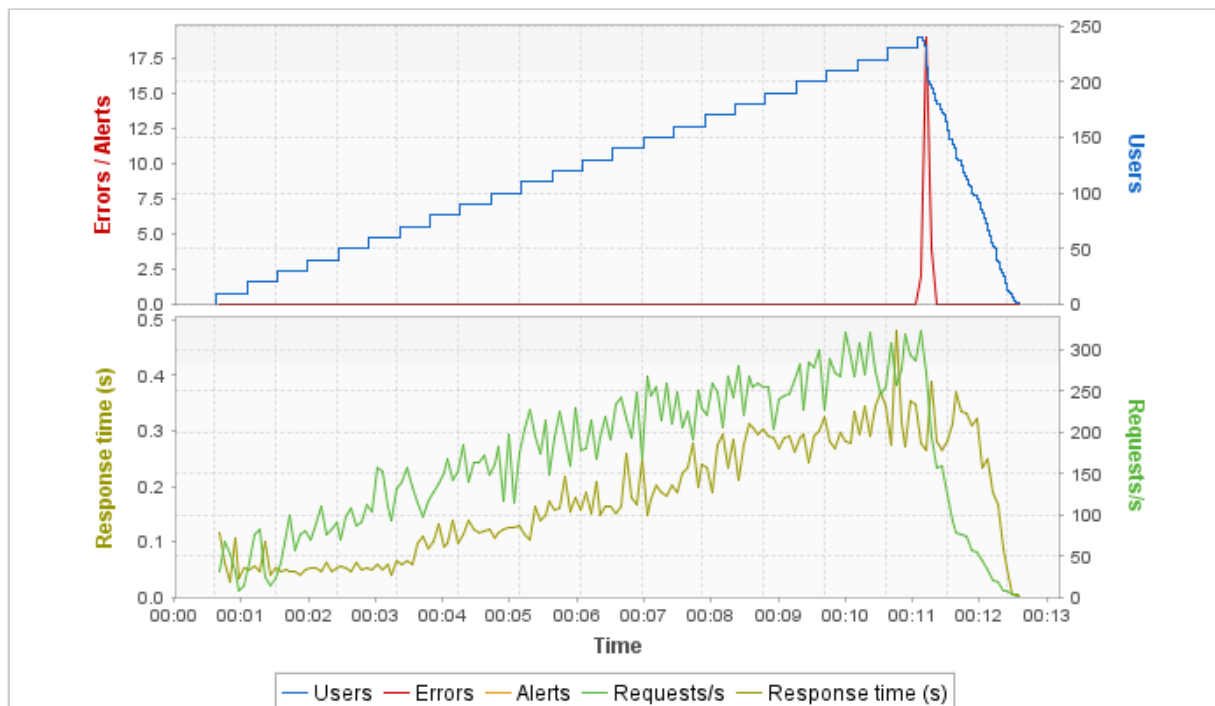
Hot spots

Top 5 errors

User Path	Parent	Page	Count
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login	25

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	5.78
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login	2.23
BE_Standard_C4484573	BE_Benefit Enrollment	/wave1/apis/ep/peos	2.08
BE_Standard_C4484573	BE_Confirm Enrollment	/wave1/apis/obbe/rest2/qaphr998...FIRM.ENROLLMENT/null	1.96
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	19.4
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login	11.5
BE_Standard_C4484573	BE_Commuter Form	/wave1/apis/obbe/rest2/qaphr998...MMARY/saveEnrollment	9.75
BE_Standard_C4484573	BE_Confirm Enrollment	/wave1/apis/obbe/rest2/qaphr998...FIRM.ENROLLMENT/null	8.47
BE_Standard_C4484573	BE_Dependents	/wave1/apis/obbe/rest2/qaphr998...UMMARY/getEnrollment	8.33

Errors

Request errors

Error Type	Count	Description
Assertions	25	Validation of the response failed.
Total	25	Total error count.

Action errors

No errors

Alerts

No alerts

General statistics

Min	Avg	Max	Count	Err	% of Err	SLA Profile
All User Paths						
0.372	110	188.1	241	25	10.4	-
All pages						
0	1.15	19.4	23,100	25	0.1	-
All requests						
0	0.213	8.43	134,425	25	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	1.88	25.1	14,075	25	0.2	1.05	7.46	15.3	2.89	1.42	-

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Summary

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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				

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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

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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
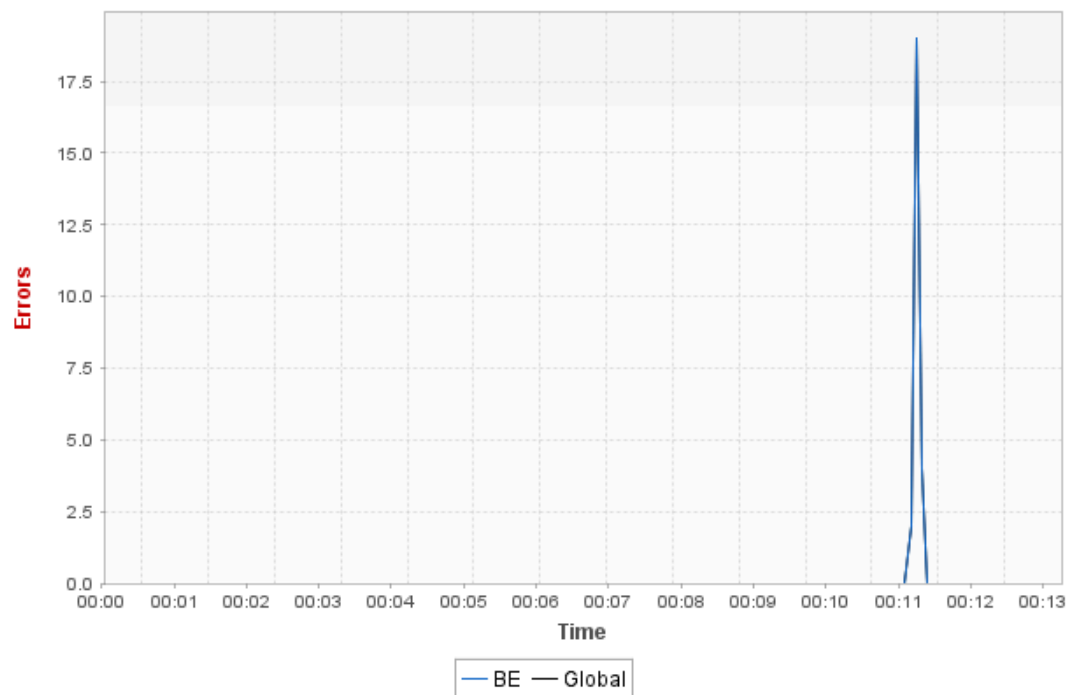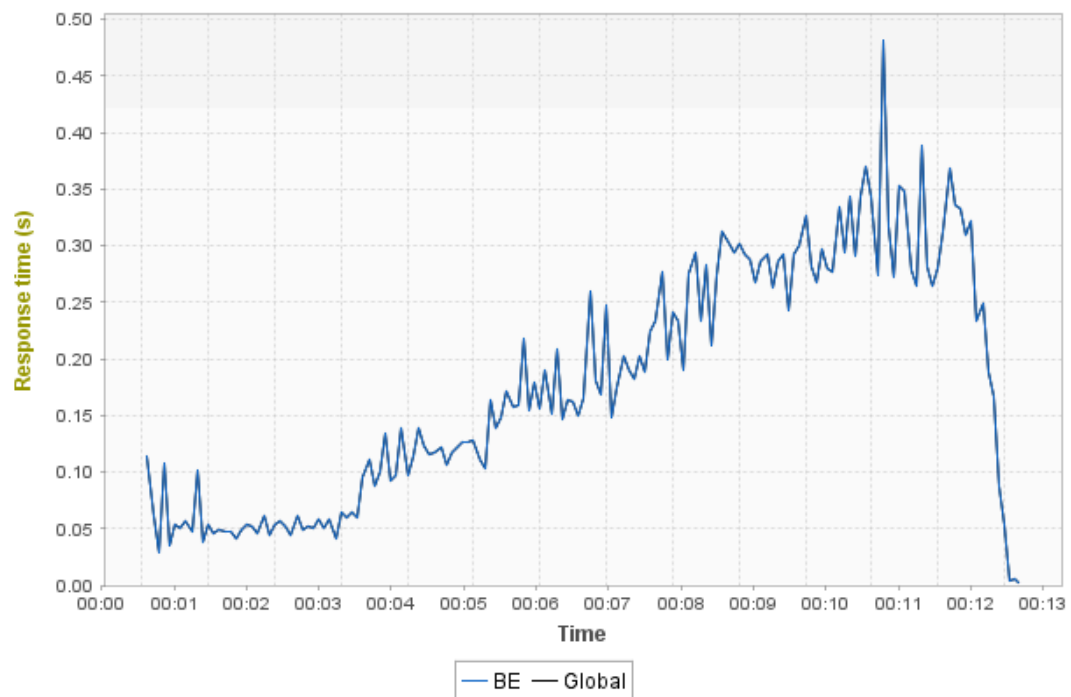
Statistics

Population	Total requests	Average requests/s	Avg. Page res. time	Error rate
BE	134425 (100%)	169.7	1.15s (0%)	0% (0%)
Global	134425 (100%)	169.7	1.15s	0%

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User Paths

Min	Avg	Max	Count	Err	% of Err	SLA Profile
🧍 **BE_Standard_C4484573**						
0.372	110	188.1	241	25	10.4	-

User Paths

Min	Avg	Max	Count	Err	% of Err	SLA Profile
🧍 **BE_Standard_C4484573**						

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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											
0.372	110	188.1	241	25	10.4	-	-	-	-	-	-
📁 Init											
0	0	0	241	0	0	-	-	-	-	-	-
📁 Actions											
0.314	25.9	51.2	1,025	25	2.4	-	-	-	-	-	-
📁 START											
0	0	0	1,025	0	0	0	0	0	0	0	-
📁 BE_Landing											
0.23	0.87	4.52	1,025	0	0	0.525	2.31	3.16	0.688	0.8	-
📁 BE_Login											
0	8.98	25.1	1,025	25	2.4	8.93	17.7	19.9	5.3	8.85	-
📁 BE_Benefit Enrollment											
1.42	4.46	11.6	1,000	0	0	4.33	8.09	9.71	2.08	4.36	-
📁 BE_Welcome_Benefit Enrollment											
0.085	1.17	5.9	1,000	0	0	1.16	3.3	4.33	1.08	1.07	-
📁 BE_Dependents											
0.268	1.92	8.33	1,000	0	0	1.56	4.57	5.98	1.42	1.81	-
📁 BE_Medical											
0.214	1.29	6.4	1,000	0	0	1.27	3.39	4.48	1.06	1.2	-
📁 BE_HSA											
0.2	1.36	6.83	1,000	0	0	1.28	3.53	4.65	1.14	1.26	-
📁 BE_FSA											
0.235	1.62	6.65	1,000	0	0	1.42	3.82	4.82	1.21	1.52	-
📁 BE_Commuter Form											
0.313	1.93	11.1	1,000	0	0	1.59	4.49	5.61	1.38	1.83	-
📁 BE_Benefit Summary											
0.035	0.574	4.32	1,000	0	0	0.135	2.11	3.22	0.743	0.483	-
📁 BE_Confirm Enrollment											
0.292	1.96	8.47	1,000	0	0	1.58	4.6	5.92	1.41	1.85	-
📁 BE_Logout											
0.003	0.124	2.03	1,000	0	0	0.034	1.03	1.08	0.286	0.076	-
📁 FINISH											
0	0	0	1,000	0	0	0	0	0	0	0	-
📁 End											
0	0	0	241	0	0	-	-	-	-	-	-

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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						
0.372	110	188.1	241	25	10.4	-
📁 Actions						
0.314	25.9	51.2	1,025	25	2.4	-
📁 BE_Landing						
0.23	0.87	4.52	1,025	0	0	-
🌐 /						
0.157	0.379	2.05	1,025	0	0	-
🌐 /1081.91afdd311a74c3ae.js						
0.015	0.219	2.13	1,025	0	0	-
🌐 /wave1/apis/ep/logout						
0.037	0.271	3.55	1,025	0	0	-
📁 BE_Login						
0	8.98	25.1	1,025	25	2.4	-
🌐 /wave1/apis/ep/login						
0	2.23	11.5	1,025	25	2.4	-
🌐 /wave1/apis/ep/login_1						
0.755	5.78	19.4	1,000	0	0	-
🌐 /wave1/apis/ep/benefits/104/summary/						
0.113	1.13	6.79	1,000	0	0	-
📁 BE_Benefit Enrollment						
1.42	4.46	11.6	1,000	0	0	-
🌐 /wave1/apis/ep/sso/obbe						
0.012	0.186	4	1,000	0	0	-
🌐 /phr/ess/qaphr998two/sso/benefitEnrollment						
0.308	1	4.12	1,000	0	0	-
🌐 /wave1/apis/ep/peos						
0.693	2.08	7	1,000	0	0	-
🌐 /						
0.309	0.912	3.62	1,000	0	0	-
🌐 /wave1/apis/obbe/rest2/qaphr99...JSFORMS.EDIT/getForm						
0.017	0.285	3.57	1,000	0	0	-
📁 BE_Welcome_Benefit Enrollment						
0.085	1.17	5.9	1,000	0	0	-
🌐 /wave1/apis/obbe/rest2/qaphr99...JSFORMS.EDIT/getForm						
0.085	1.17	5.9	1,000	0	0	-
📁 BE_Dependents						
0.268	1.92	8.33	1,000	0	0	-
🌐 /wave1/apis/obbe/rest2/qaphr99...UMMARY/getEnrollment						
0.268	1.92	8.33	1,000	0	0	-

Min	Avg	Max	Count	Err	% of Err	SLA Profile
📁 **BE_Medical**						
0.214	1.29	6.4	1,000	0	0	-
🌐 **/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment**						
0.214	1.29	6.4	1,000	0	0	-
📁 **BE_HSA**						
0.2	1.36	6.83	1,000	0	0	-
🌐 **/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment**						
0.2	1.36	6.83	1,000	0	0	-
📁 **BE_FSA**						
0.235	1.62	6.65	1,000	0	0	-
🌐 **/wave1/apis/obbe/rest2/qaphr99...AN.SUMMARY/getValues**						
0.029	0.31	3.73	1,000	0	0	-
🌐 **/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment**						
0.188	1.3	5.45	1,000	0	0	-
📁 **BE_Commuter Form**						
0.313	1.93	11.1	1,000	0	0	-
🌐 **/wave1/apis/obbe/rest2/qaphr99...AN.SUMMARY/getValues**						
0.028	0.324	3.09	1,000	0	0	-
🌐 **/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment**						
0.272	1.61	9.75	1,000	0	0	-
📁 **BE_Benefit Summary**						
0.035	0.574	4.32	1,000	0	0	-
🌐 **/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment**						
0.035	0.574	4.32	1,000	0	0	-
📁 **BE_Confirm Enrollment**						
0.292	1.96	8.47	1,000	0	0	-
🌐 **/wave1/apis/obbe/rest2/qaphr99...FIRM.ENROLLMENT/null**						
0.292	1.96	8.47	1,000	0	0	-
📁 **BE_Logout**						
0.003	0.124	2.03	1,000	0	0	-
🌐 **/wave1/apis/ep/logout**						
0	0.034	1.06	1,000	0	0	-
🌐 **/**						
0.002	0.089	2.02	1,000	0	0	-

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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...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**		

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						

BE_Standard_C4484573

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

Controller
Performance Counters

Min	Avg	Max	Med	Avg-90%	Std Dev
Controller/User Load					
0	118.7	240	120	118.4	67.1
Controller/Throughput					
0	54.7	221.4	51.8	52.7	40.5
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					
27	31.7	58	31	31.2	3.77
Controller/JVM Memory Used					
16	22.9	31	22	22.8	3.98
Controller/OS Memory Used					
44	44.2	45	44	44.1	0.36
Controller/Thread Count					
538	561.3	571	560	560.9	2.7
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	135.7	3,362	107.8	121.6	180
Controller/Network/Segments retransmitted/sec.					
0	0.111	47	0	0	2.2
Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits received/sec.					
0.023	0.352	2.01	0.134	0.296	0.48
Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits sent/sec.					
0.022	0.226	2.08	0.103	0.187	0.278
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	118.7	240	120	118.4	67.1
Controller/Default zone/BE/User Load					
1	118.9	240	120	118.6	67
Controller/Default zone/BE/BE_Standard_C4484573/User Load					
1	118.9	240	120	118.6	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	20.8	83	21	20.6	8.52
LG 887357-1RDPT002.davison.local:7100/JVM Memory Used					
-	6.19	19	5	5.95	2.98

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Min	Avg	Max	Med	Avg-90%	Std Dev
LG 887357-1RDPT002.davison.local:7100/OS Memory Used					
43	46.2	50	46	46.1	1.97
LG 887357-1RDPT002.davison.local:7100/Throughput					
0	54.7	221.4	51.8	52.7	40.5
LG 887357-1RDPT002.davison.local:7100/User Load					
0	118.7	240	120	118.4	67.1
LG 887357-1RDPT002.davison.local:7100/Thread Count					
0	221.3	378	218	220.2	85.1
LG 887357-1RDPT002.davison.local:7100/Http client/Thread Pool used					
0	0.108	0.175	0.1	0.105	0.019
LG 887357-1RDPT002.davison.local:7100/Http client/Task Pool used					
0	0.001	0.333	0	0	0.012
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	42.8	62	51	44.1	18.8
LG 887357-1RDPT002.davison.local:7100/Network/Segments sent/sec.					
0	2,326	21,323	0	1,869	3,610
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	57.2	231.8	54.3	55.2	42.3
LG 887357-1RDPT002.davison.local:7100/Network/eth4 (vmxn...)/Megabits sent/sec.					
0.023	2.66	6.52	2.72	2.63	1.47

Tricentis

Average page response time

Average page response time
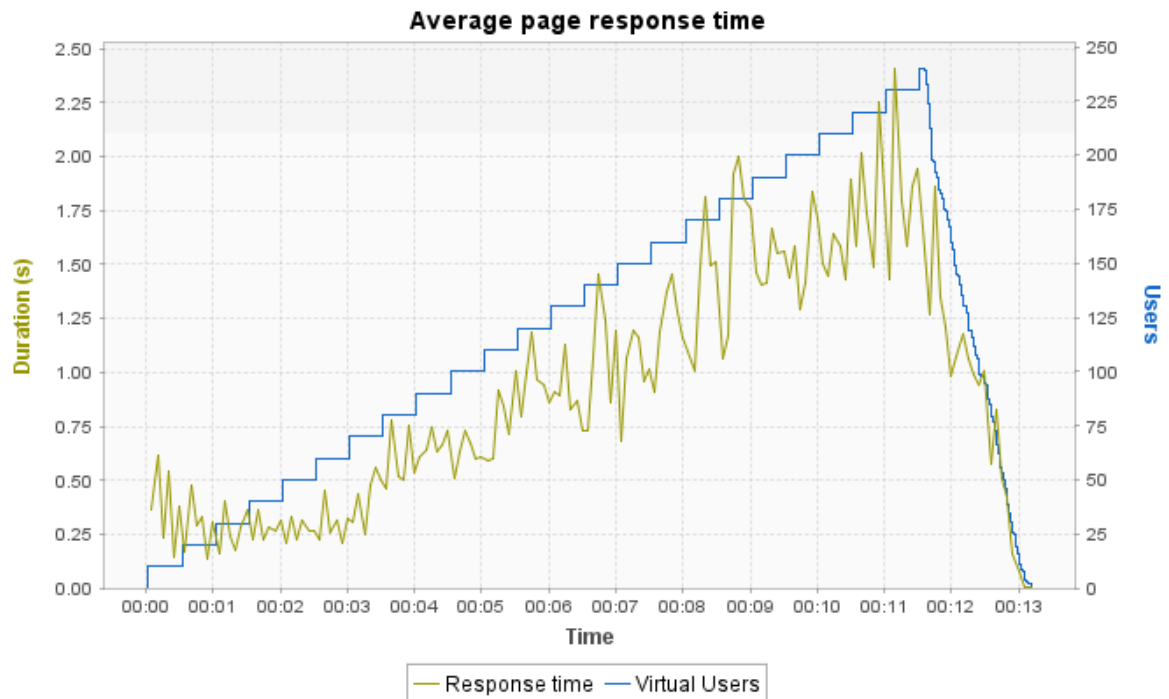
Min	Average	Max
0.004	1.147	2.408

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

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Average request response time
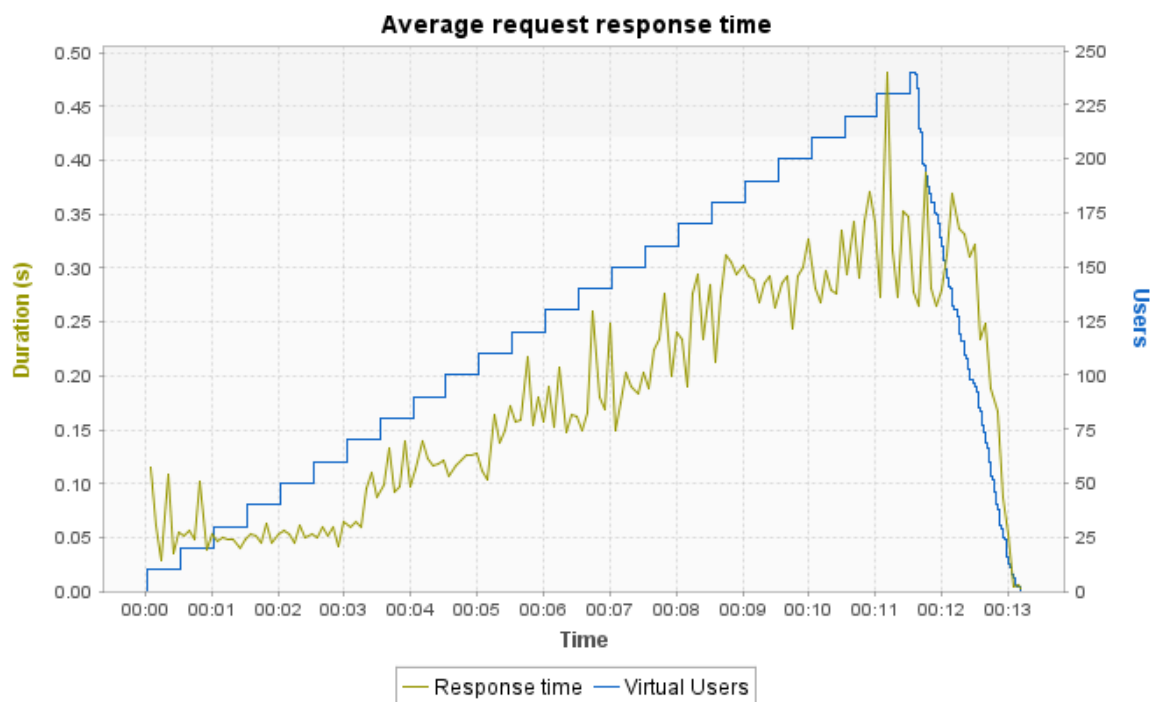
Min	Average	Max
0.003	0.214	0.481

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

Tricentis

Average response time (Transactions)
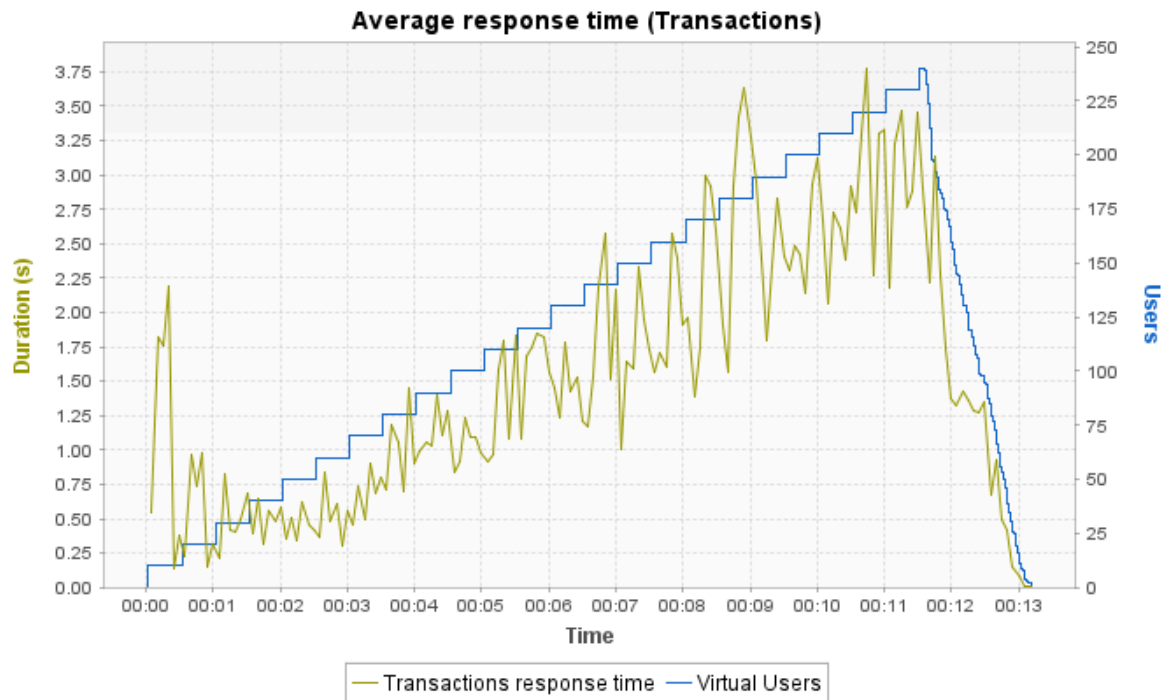
Min	Average	Max	Median	Avg-90%	Std. Dev.
0.004	1.883	3.775	1.797	1.878	0.903

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

Tricentis

Requests per second

Requests per second
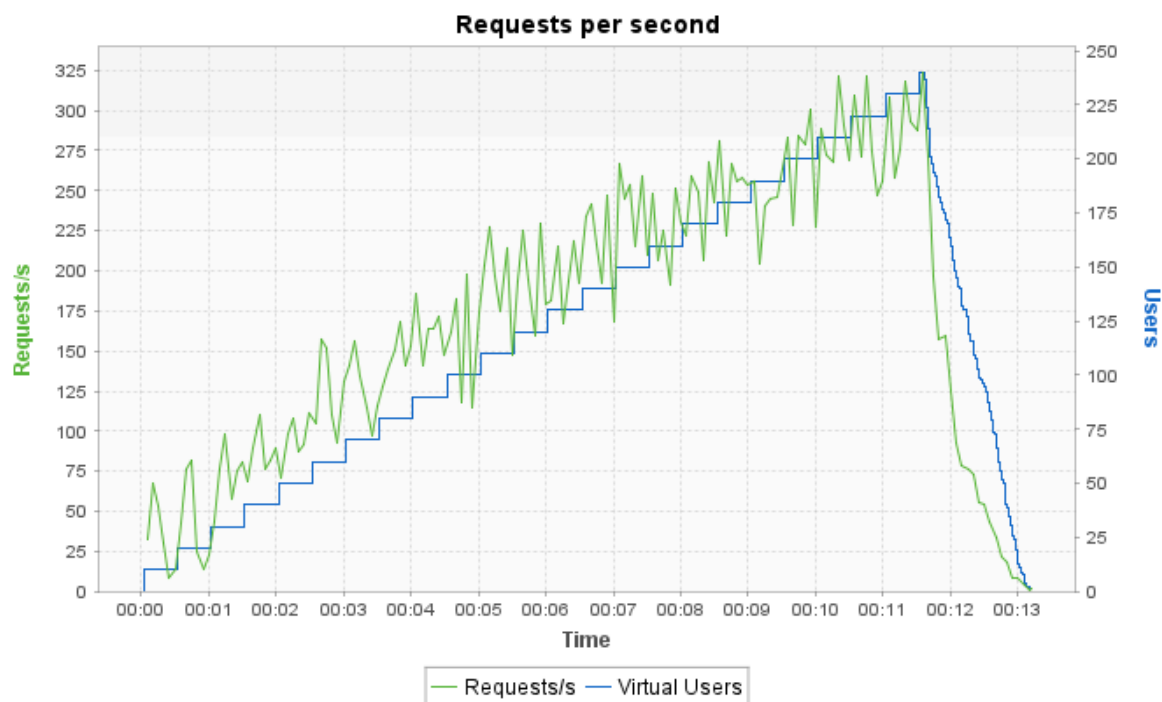
Min	Average	Max
1.2	169.7	323.8

Notes: Displays the number of requests per second.

Tricentis

Errors

Min	Average	Max
0	0.2	19

Notes: Displays the number of errors per sampling interval.

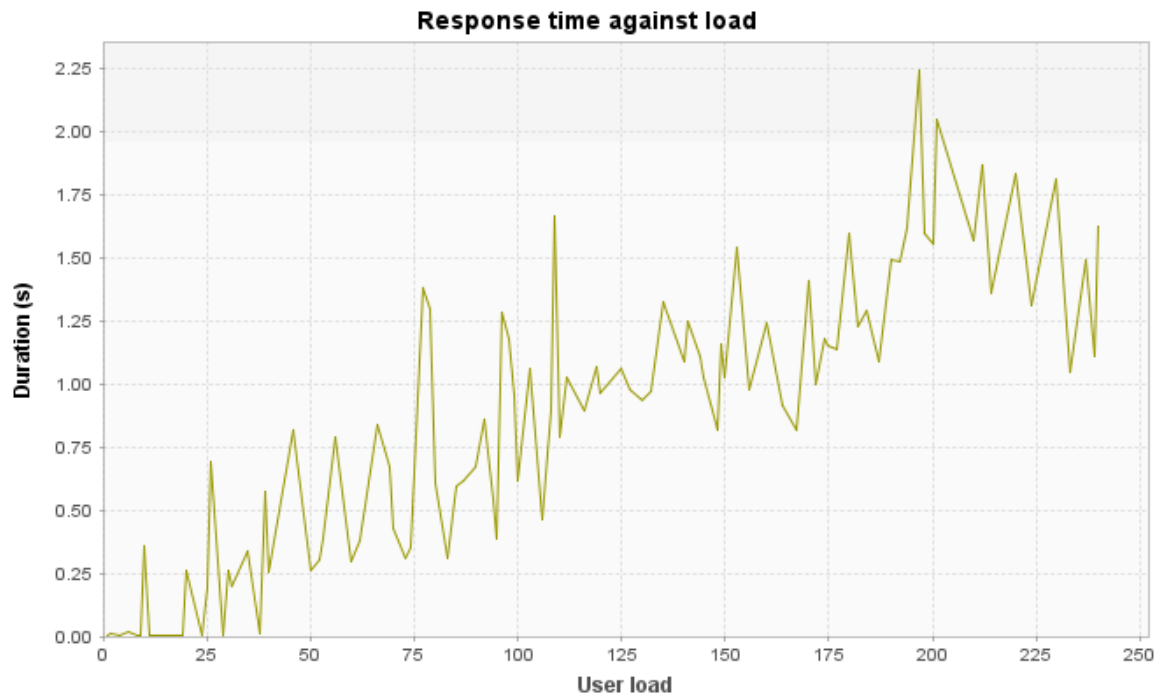## Throughput
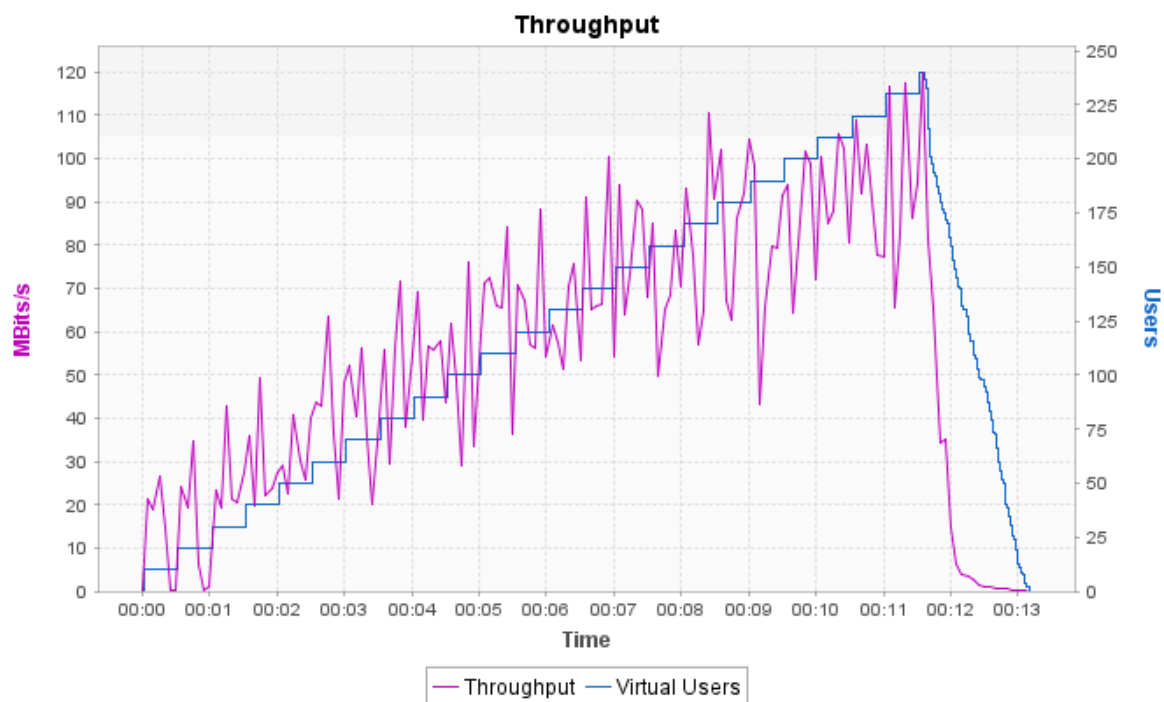
Min	Average	Max
0	54.07	119.9

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

Response time against load

Min	Average	Max
0.004	0.857	2.242

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

Distribution of Transaction Durations
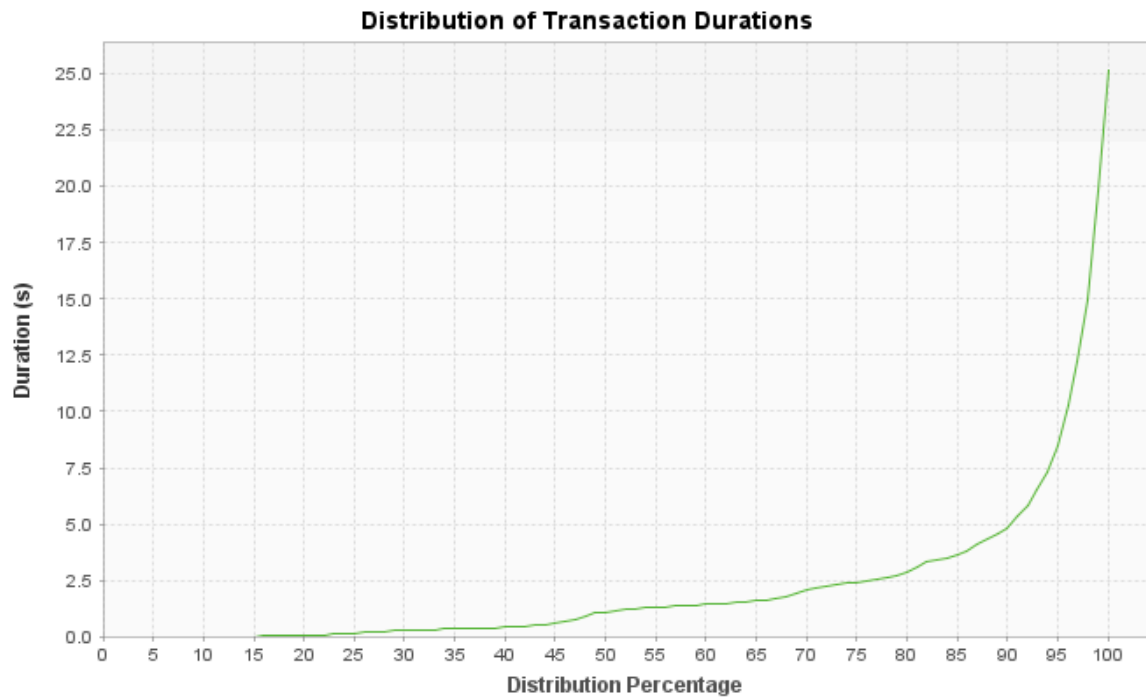
Notes: Displays the percentage of Transactions that were performed within a given time range. This graph helps determine the percentage of Transactions that meet a performance objective. For example, it may show that 90% of the Transactions have a duration under n seconds.