

Performance Test Report



Date	Feb 13, 2015 9:53:56 AM
Project	SWN_Login_RampUp1
Scenario	RampUp Login 4:10
Comment	User Login mit selbem User mit RampUp von 1 bis 50 User, alle 5 Sekunden neuer User
Notes	Test Description

Report generated by **NeoLoad 5.0**

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Summary

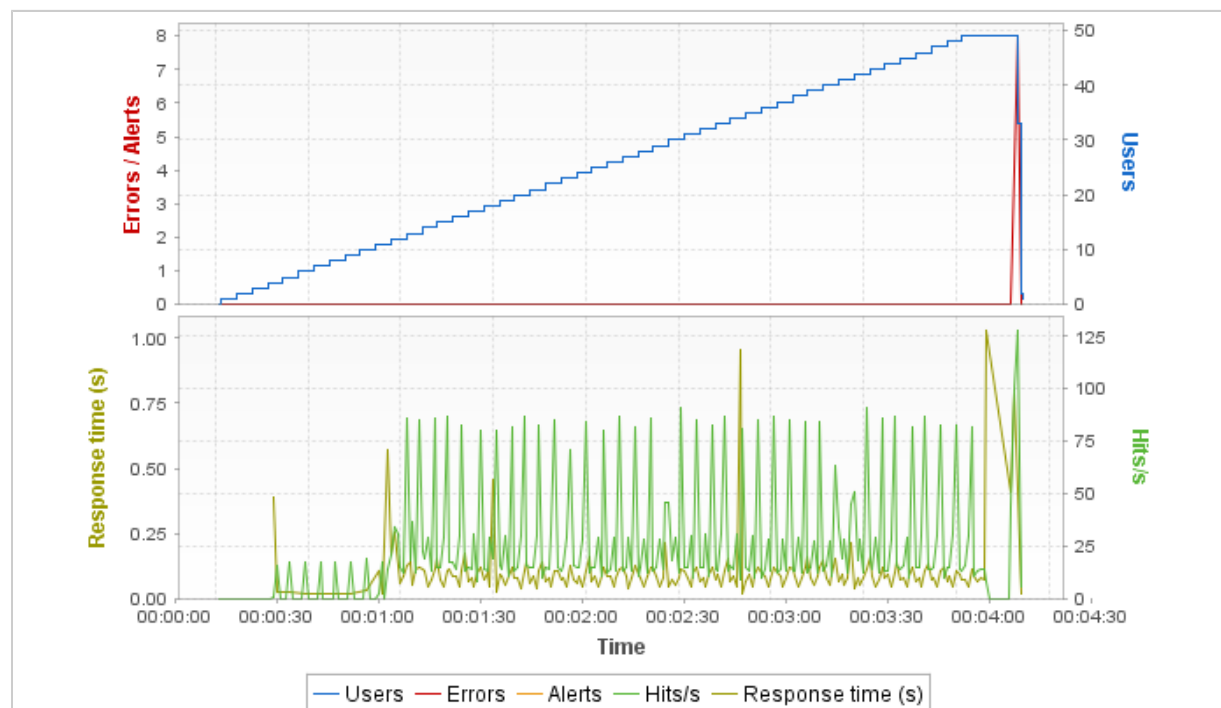
Results summary

Project	SWN_Login_RampUp1	Load Policy	The population Pop_RampUp is ramp up from 1 users adding 1 users every 5.0 seconds, to a maximum of 50 users.
Scenario	RampUp Login 4:10		
Start date	Feb 13, 2015 9:53:56 AM	Description	User Login mit selbem User mit RampUp von 1 bis 50 User, alle 5 Sekunden neuer User
End date	Feb 13, 2015 9:58:02 AM		
Duration	00:04:06	Filters	Errors taken in account in response times: No
LG Hosts	localhost	Debug	Disabled

Statistics Summary

Total pages	130	—	Average pages/s	0.5	—
Total hits	6410	—	Average hits/s	26.0	—
Total users launched	0	—	Average Request response time	0.117 s	—
Total iterations completed	0	—	Average Page response time	4.72 s	—
Total throughput	110.91 MB	—	Average throughput	3.59 Mb/s	—
Total hit errors	12	—	Error rate	0.2 %	—
Total action errors	0	—	Total duration alerts	0 %	—

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



Hot spots

Top 5 errors

Virtual User	Parent	Page	Count
VirtualUser	Logout	/staging/Account/LogOff	3

Top 5 alerts

No alerts

First critical alerts

No alerts

Top 5 average response time (Pages)

Virtual User	Parent	Page	Duration
VirtualUser	Login	/staging/Account/LogOn	13.8
VirtualUser	Logout	/staging/Account/LogOff	1.83
VirtualUser	Start Program	/staging/	0.135

Top 5 maximum response time (Pages)

Virtual User	Parent	Page	Duration
VirtualUser	Login	/staging/Account/LogOn	16
VirtualUser	Logout	/staging/Account/LogOff	2.26
VirtualUser	Start Program	/staging/	0.485

Errors

Request errors

Error Type	Count	Description
500	12	Internal Server Error
Total	12	Total error count.

Action errors

No errors

Alerts

No alerts

General statistics

Min	Avg	Max	Hits	Err	% of Err	Med	Avg-90%	Std Dev	SLA Profile
All Virtual Users									
1.41	90.2	200.1	46	3	6.5	88.5	93.2	14.8	-
All containers									
0.101	6.29	16.5	821	6	0.7	<0.01	<0.01	<0.01	-
All pages									
0.101	4.72	16	130	3	2.3	2.17	4.38	5.9	-
All requests									
<0.01	0.116	9.15	6,410	12	0.2	0.105	0.096	0.119	-

Scenario

Summary

Project	SWN_Login_RampUp1	Load Policy	• The population Pop_RampUp is ramp up from 1 users adding 1 users every 5.0 seconds, to a maximum of 50 users.
Scenario	RampUp Login 4:10		
Start date	Feb 13, 2015 9:53:56 AM	Description	User Login mit selbem User mit RampUp von 1 bis 50 User, alle 5 Sekunden neuer User
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Populations

Pop_RampUp

Virtual user	Percentage	WAN Emulation	Signal strength	Bandwidth #	Latency #	Packet loss % #	Bandwidth #	Latency #	Packet loss % #	Browser	Handle cookies	Connection	Handle cache
VirtualUser	100.0%	Unlimited		Unlimited	0ms	0%	Unlimited	0ms	0%	Recorded one	Yes	6	New user

Virtual user profiles

Name	Description	On failed assertion	On error	Think time	Thinktime range
VirtualUser		Do nothing	Do nothing	From pages	0%

Rendezvous

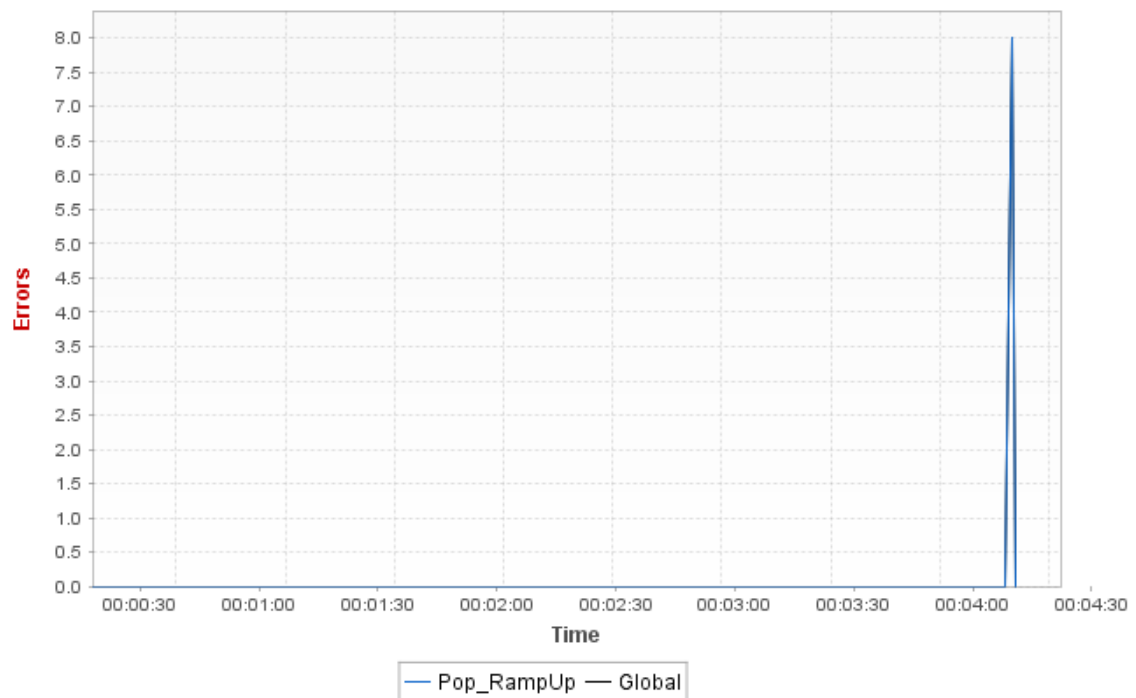
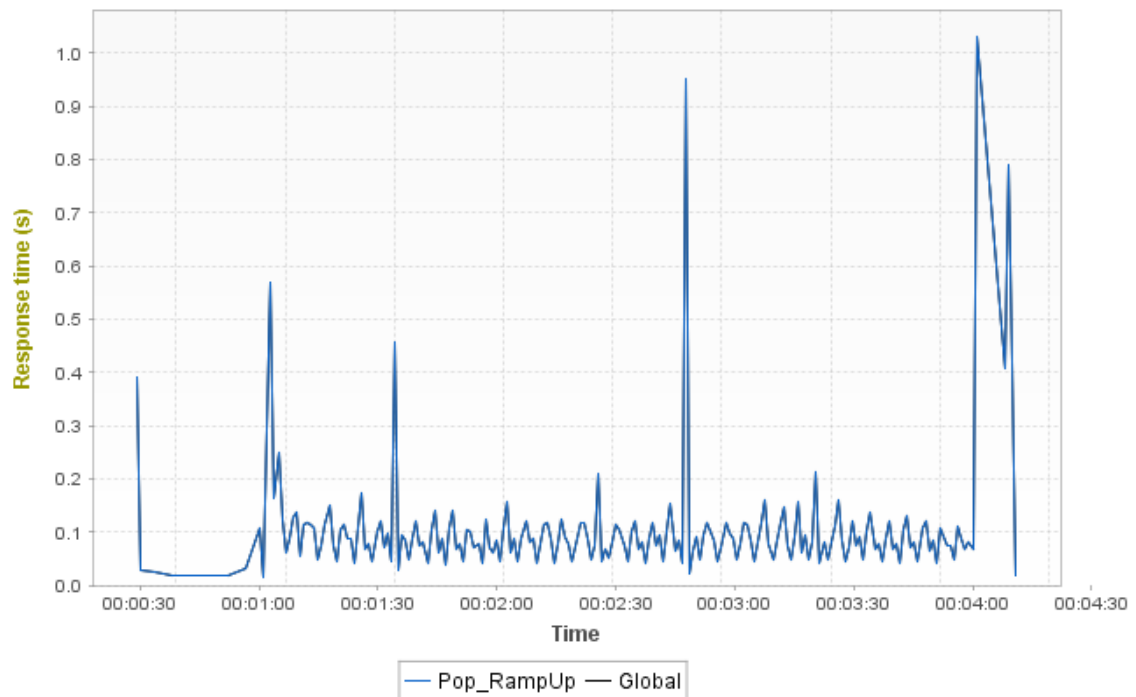
Enabled	Name	Policy	Value	Timeout
Empty list				

Servers

Servers

Host	Port	SPDY ready	SPDY used
at-esxvm-309.fronius.com	80	No	No
www.fronius.com	80	No	No

Graphs



Statistics

Population	Total hits	Average hits/s	Avg. Page res. time	Error rate
Pop_RampUp	6410 (100%)	26.0	4.72s (0%)	0.2% (0%)
Global	6410 (100%)	26.0	4.72s	0.2%

Virtual Users

Virtual Users

Min	Avg	Max	Hits	Err	% of Err	Med	Avg-90%	Std Dev	SLA Profile
 VirtualUser									
1.41	90.2	200.1	46	3	6.5	88.5	93.2	14.8	-

Shared containers

Min	Avg	Max	Hits	Err	% of Err	Med	Avg-90%	Std Dev	SLA Profile
Empty list									

VirtualUser

Min	Avg	Max	Hits	Err	% of Err	Med	Avg-90%	Std Dev	SLA Profile
 VirtualUser									
1.41	90.2	200.1	46	3	6.5	88.5	93.2	14.8	-
 Init									
12.7	13.9	16.5	38	0	0	<0.01	<0.01	<0.01	-
 Start Program									
0.103	0.135	0.485	46	0	0	0.123	0.126	0.056	-
 Login									
12.5	13.8	16	38	0	0	13.6	13.7	0.752	-
 Actions									
6	6	6	569	0	0	<0.01	<0.01	<0.01	-
 End									
0.101	1.83	2.26	46	3	6.5	<0.01	<0.01	<0.01	-
 Logout									
0.101	1.83	2.26	46	3	6.5	2.17	1.9	0.461	-

Push messages

Shared containers

Min	Avg	Max	Hits	Err	% of Err	Med	Avg-90%	Std Dev	SLA Profile
Empty list									

VirtualUser

Min	Avg	Max	Hits	Err	% of Err	Med	Avg-90%	Std Dev	SLA Profile
Empty list									

Shared containers

Min	Avg	Max	Hits	Err	% of Err	Med	Avg-90%	Std Dev	SLA Profile
Empty list									

VirtualUser

Min	Avg	Max	Hits	Err	% of Err	Med	Avg-90%	Std Dev	SLA Profile
 VirtualUser									
1.41	90.2	200.1	46	3	6.5	88.5	93.2	14.8	-
 Init									
12.7	13.9	16.5	38	0	0	<0.01	<0.01	<0.01	-
 Start Program									
0.103	0.135	0.485	46	0	0	0.123	0.126	0.056	-
 /staging/									
0.103	0.135	0.485	46	0	0	0.123	0.126	0.056	-
 Login									
12.5	13.8	16	38	0	0	13.6	13.7	0.752	-
 /staging/Account/LogOn									
12.5	13.8	16	38	0	0	13.6	13.7	0.752	-
 End									
0.101	1.83	2.26	46	3	6.5	<0.01	<0.01	<0.01	-
 Logout									
0.101	1.83	2.26	46	3	6.5	2.17	1.9	0.461	-
 /staging/Account/LogOff									
0.101	1.83	2.26	46	3	6.5	2.17	1.9	0.461	-

Shared containers

SLA	Worst Value	Severity
Empty list		

VirtualUser

SLA	Worst Value	Severity
 VirtualUser		
 Init		
 Start Program		
 /staging/		
 Login		
 /staging/Account/LogOn		
 End		
 Logout		
 /staging/Account/LogOff		

VirtualUser

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

NeoLoad

Performance Counters

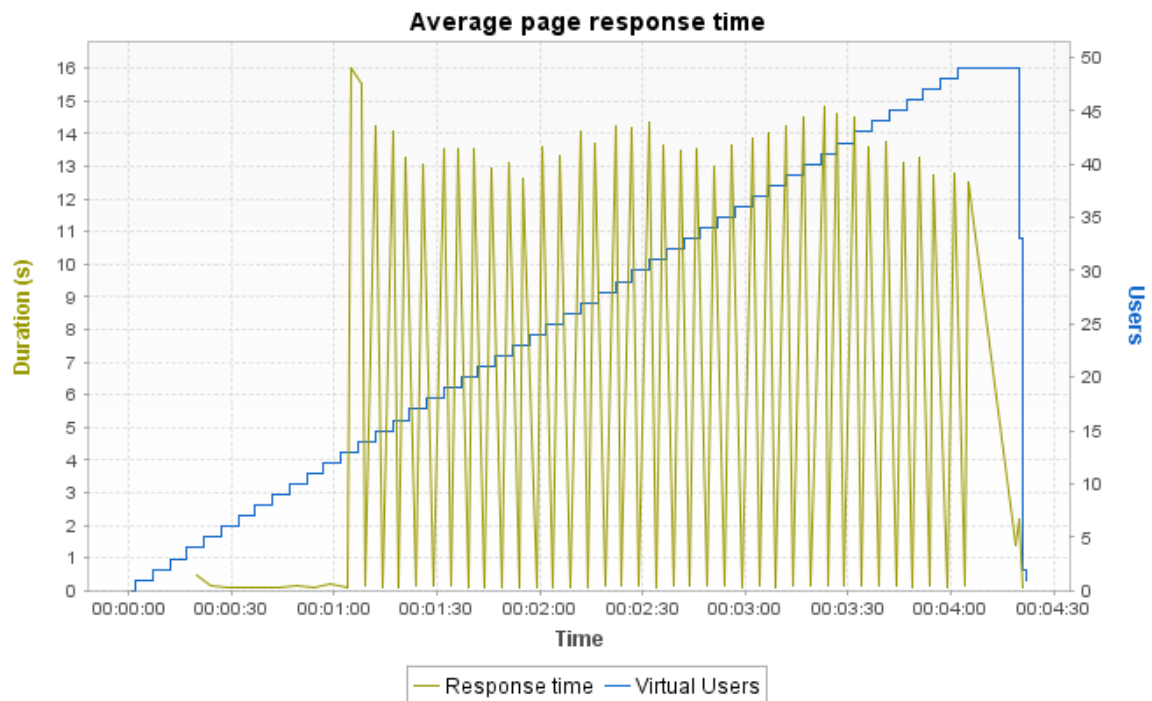
Min	Avg	Max	Med	Avg-90%	Std Dev
NeoLoad/User Load					
0	25.9	49	26	25.9	14.9
NeoLoad/Throughput					
0	3.39	22.6	0.193	2.72	5.93
NeoLoad/Alerts					
0	0	0	0	0	-
NeoLoad/Critical Alerts					
0	0	0	0	0	-
NeoLoad/Warning Alerts					
0	0	0	0	0	-
NeoLoad/Default zone/User Load					
0	25.9	49	26	25.9	14.9

LG localhost

Performance Counters

Min	Avg	Max	Med	Avg-90%	Std Dev
LG localhost/CPU					
0	13.5	39	13	13	5.99
LG localhost/Memory					
0	17.7	35	17	17.5	7.38
LG localhost/Throughput					
0	3.39	22.6	0.193	2.72	5.93
LG localhost/User Load					
0	25.9	49	26	25.9	14.9
LG localhost/Network/Segments sent/sec.					
0	623.7	33,642	165.4	146.4	3,178
LG localhost/Network/Segments retransmitted/sec.					
0	0	0	0	0	0
LG localhost/Network/eth2 (Bluetooth Device (Personal Ar...gabits received/sec.					
0	0	0	0	0	-
LG localhost/Network/eth2 (Bluetooth Device (Personal Ar...)/Megabits sent/sec.					
0	0	0	0	0	-
LG localhost/Network/net0 (Intel(R) Centrino(R) Advanced...gabits received/sec.					
0	0	0	0	0	-
LG localhost/Network/net0 (Intel(R) Centrino(R) Advanced...)/Megabits sent/sec.					
0	0	0	0	0	-
LG localhost/Network/eth1 (Intel(R) 82577LM Gigabit Netw...gabits received/sec.					
0	3.61	24.3	0.228	2.87	6.33
LG localhost/Network/eth1 (Intel(R) 82577LM Gigabit Netw...)/Megabits sent/sec.					
0	0.299	1.27	0.158	0.26	0.377
LG localhost/Pop_RampUp/User Load					
1	26	49	26	26	14.9
LG localhost/Pop_RampUp/VirtualUser/User Load					
1	26	49	26	26	14.9

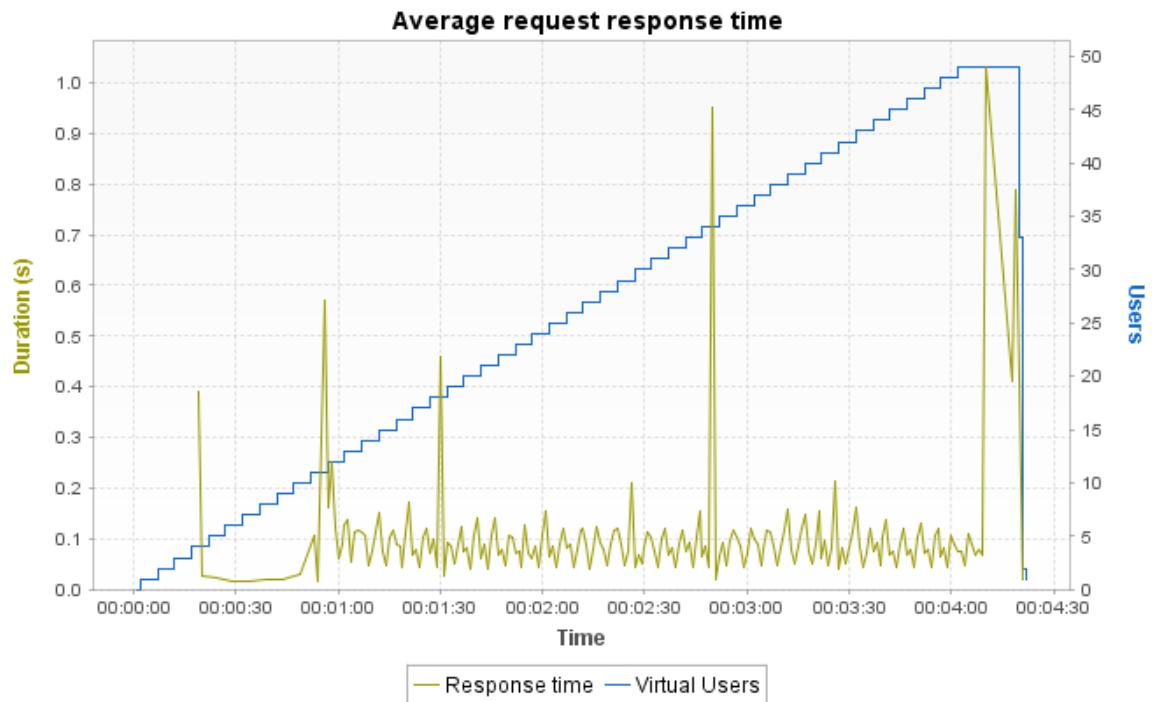
Average page response time



Graph Min	Average	Graph Max	Graph Median	Graph Avg-90%	Graph Std. Dev.
0.101	4.75	16.009	2.175	4.378	5.904

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

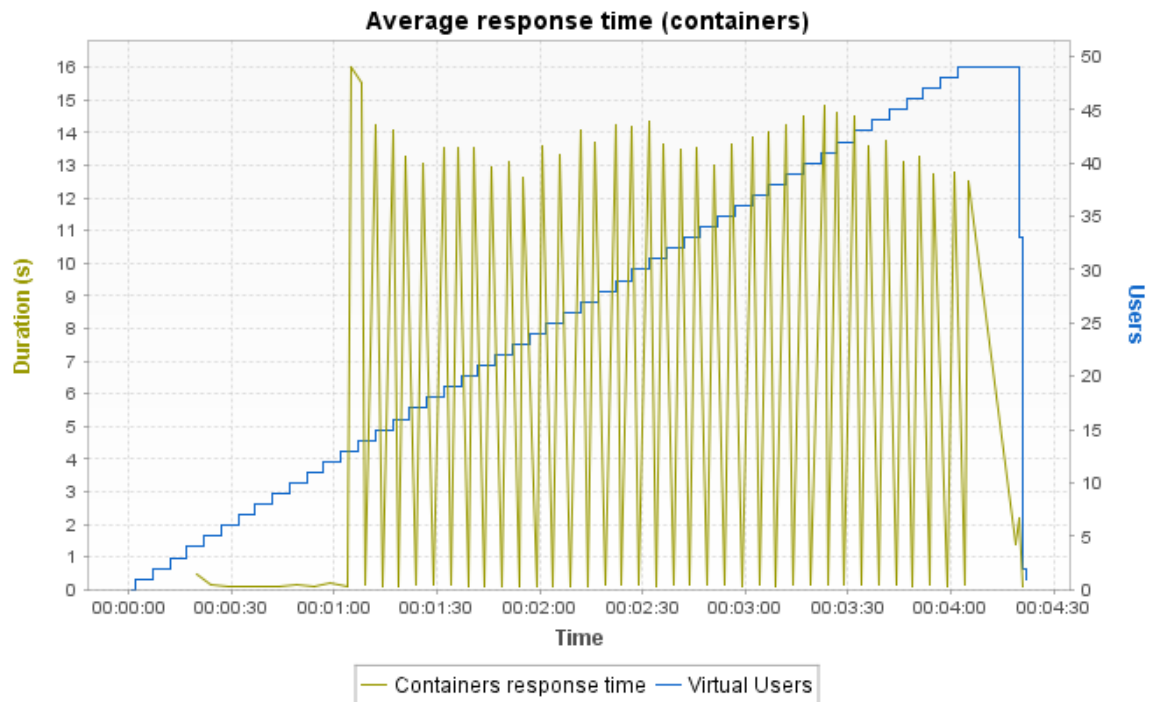
Average request response time



Graph Min	Average	Graph Max	Graph Median	Graph Avg-90%	Graph Std. Dev.
0.017	0.117	1.031	0.106	0.097	0.119

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

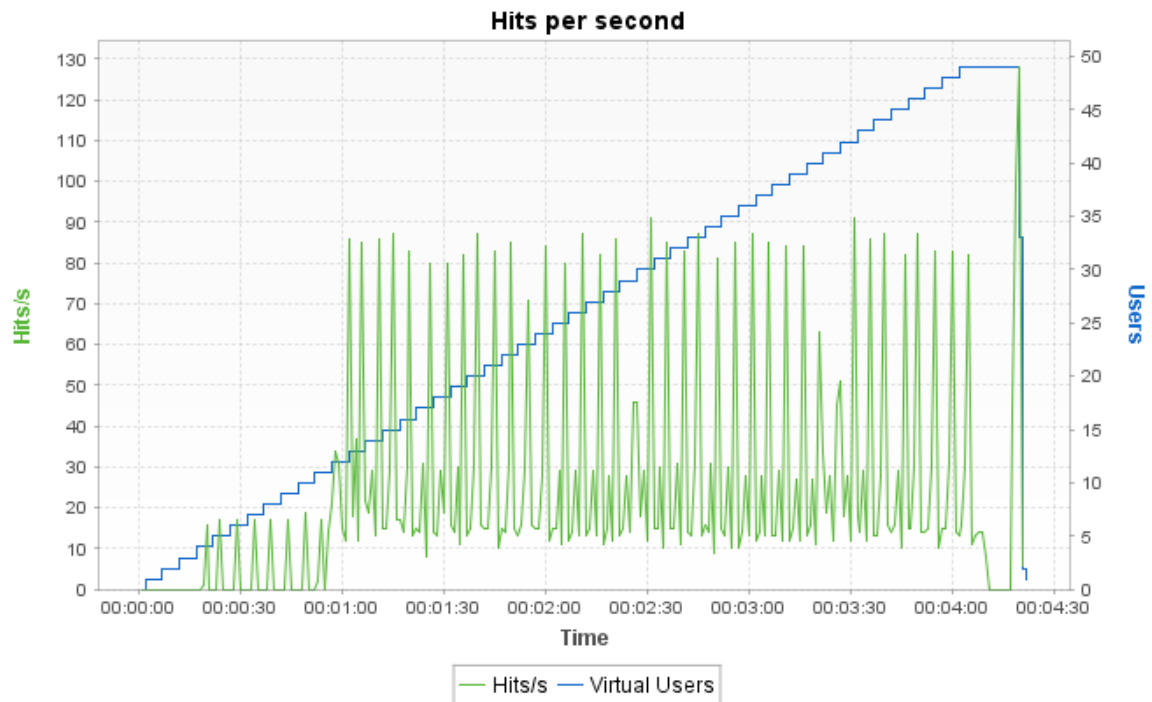
Average response time (containers)



Graph Min	Average	Graph Max	Graph Median	Graph Avg-90%	Graph Std. Dev.
0.101	4.75	16.009	2.175	4.378	5.904

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

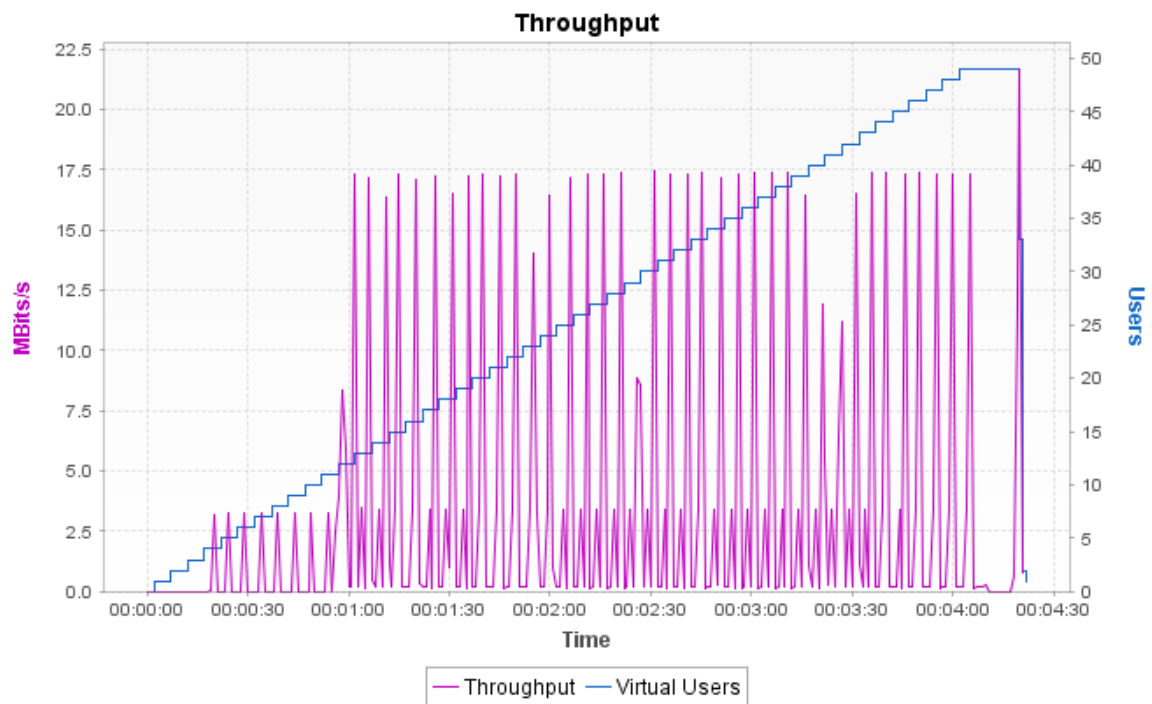
Hits per second



Graph Min	Average	Graph Max	Graph Median	Graph Avg-90%	Graph Std. Dev.
0	24.5	128	15	21.9	27.3

Notes: Displays the number of hits on the server by Virtual Users.

Throughput



Graph Min	Average	Graph Max	Graph Median	Graph Avg-90%	Graph Std. Dev.
0	3.38	21.67	0.19	2.72	5.87

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

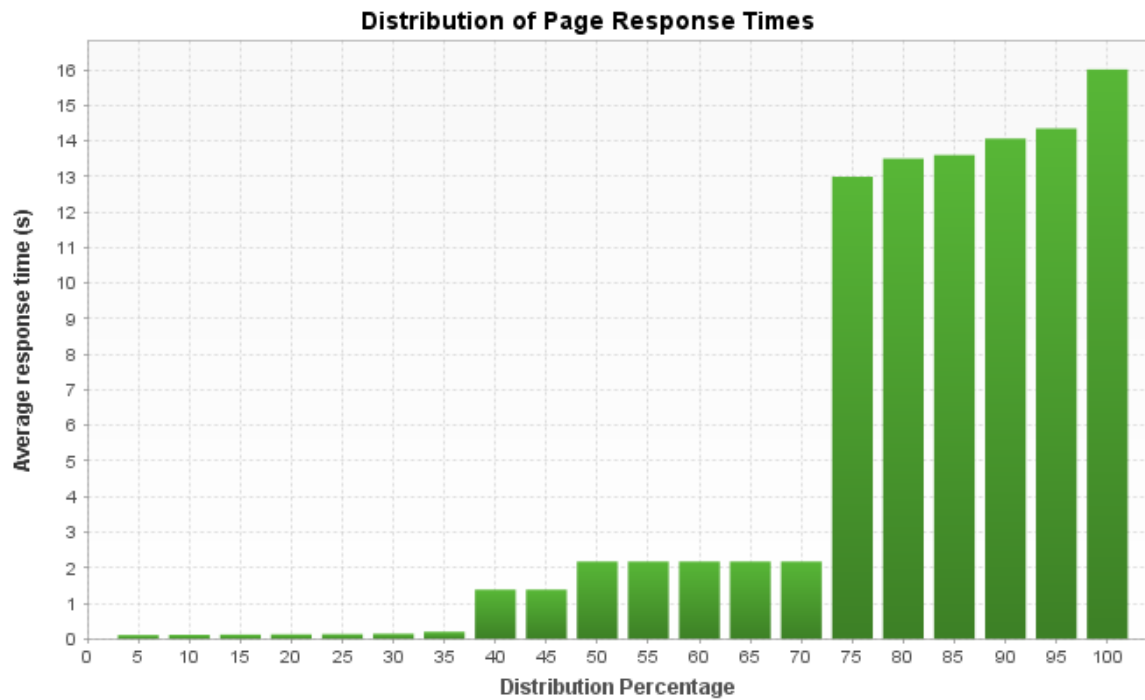
Response time against load



Graph Min	Average	Graph Max	Graph Median	Graph Avg-90%	Graph Std. Dev.
0.101	5.088	9.407	6.609	5.021	3.373

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

Distribution of Page Response Times



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