

Rapport de test de performance



Date	Nov 19, 2015 4:18:32 PM
Project	AnalysisProject
Scenario	PetstoreScenario
Comment	
Notes	

Report generated by **NeoLoad 5.1**

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Summary

Results summary

Project	AnalysisProject	Load Policy	<ul style="list-style-type: none">The population EU is constant with 50 users.The population US is ramp up from 175 users adding 100 users every 15.0 minutes, to a maximum of 450 users.
Scenario	PetstoreScenario		
Start date	Nov 19, 2015 4:18:32 PM	Name	16:18 - 19 Nov 2015
End date	Nov 19, 2015 4:25:24 PM	Description	
Duration	00:06:51		
Termination reason	Manual action	Filters	None
LG Hosts	localhost	Debug	Disabled

Statistics Summary

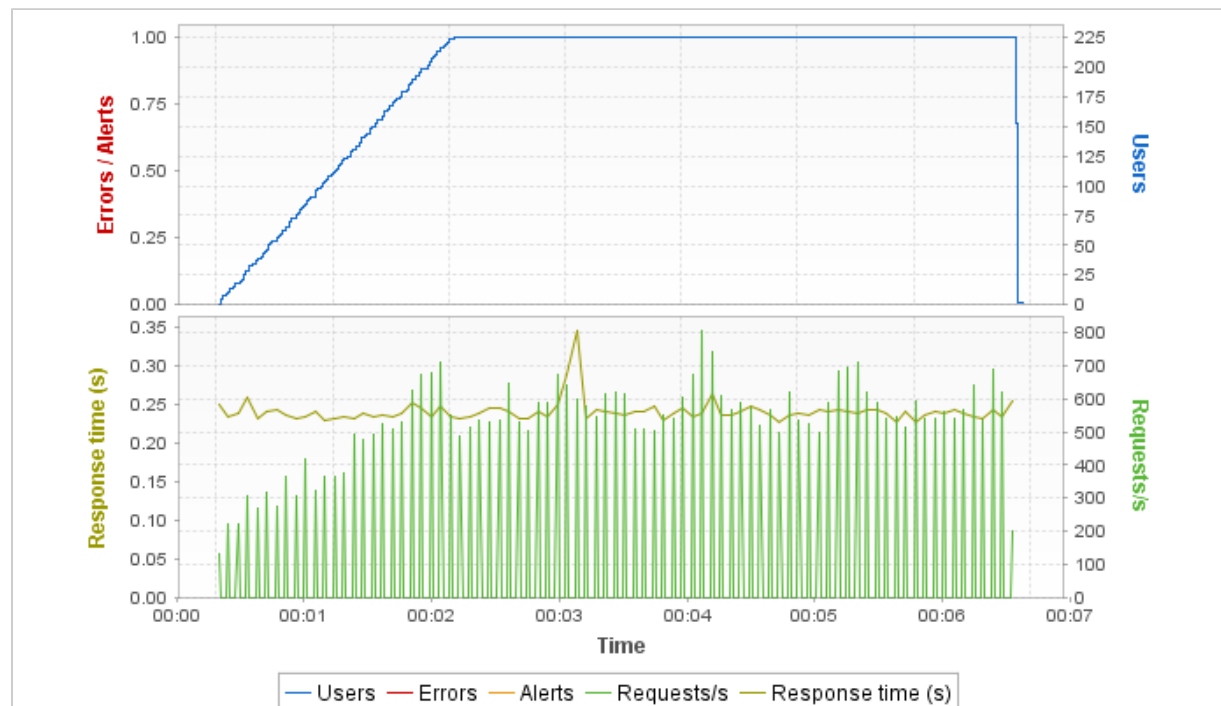
Total pages	13303	—	Average pages/s	32.3	—
Total requests	43908	—	Average requests/s	106.6	—
Total users launched	225	—	Average Request response time	0.241 s	—
Total iterations completed	1021	—	Average Page response time	0.494 s	—
Total throughput	112.2 MB	—	Average throughput	2.18 Mb/s	—
Total request errors	0	—	Error rate	0 %	—
Total action errors	0	—	Alerts total duration	0 %	—

— = No SLA

☀ = Passed

☁ = Acceptable

⚡ = 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)

Virtual User	Parent	Page	Duration
Searcher	01 - Home Page	/jpetstore	1.09
Searcher	02 - Enter the store	/jpetstore/shop/index.shtml	0.988
Buyer	03 - Login	/jpetstore/shop/signon.shtml;js...FB043E3B0E35A5232650	0.848
Buyer	02 - Sign In	/jpetstore/shop/signonForm.shtml	0.7
Buyer	07 - AddToCart	/jpetstore/shop/addItemToCart.shtml	0.5

Top 5 maximum response time (Pages)

Virtual User	Parent	Page	Duration
Buyer	03 - Login	/jpetstore/shop/signon.shtml;js...FB043E3B0E35A5232650	6.64
Searcher	05 - Item	/jpetstore/shop/viewItem.shtml	5.93
Buyer	06 - Item	/jpetstore/shop/viewItem.shtml	5.6
Searcher	03 - Search	/jpetstore/shop/searchProducts....FD173B2F83B11FE57DA8	3.59
Searcher	02 - Enter the store	/jpetstore/shop/index.shtml	3.45

Errors

Request errors

No errors

Action errors

No errors

Alerts

Element	Critical	Warning	Monitored
✓ host/Web Server	0	0	2

General statistics

Min	Avg	Max	Count	Err	% of Err	SLA Profile
All Virtual Users						
16.5	29.2	47	224	0	0	-
All pages						
0.221	0.493	6.64	13,303	0	0	-
All requests						
0.219	0.241	5.97	43,908	0	0	-

Container statistics

Min	Avg	Max	Count	Err	% of Err	Perc 50	Perc 90	Perc 95	Std Dev	Avg-90%	SLA Profile
All containers											
0.221	0.49	6.64	13,332	0	0	0.445	0.906	1.01	0.322	0.457	-

Scenario

Summary

Project	AnalysisProject	Load Policy	<ul style="list-style-type: none">The population EU is constant with 50 users.The population US is ramp up from 175 users adding 100 users every 15.0 minutes, to a maximum of 450 users.
Scenario	PetstoreScenario		
Start date	Nov 19, 2015 4:18:32 PM	Name	16:18 - 19 Nov 2015
End date	Nov 19, 2015 4:25:24 PM	Description	
Duration	00:06:51		
Termination reason	Manual action	Filters	None
LG Hosts	localhost	Debug	Disabled

Populations

EU

Virtual user	Percentage	WAN Emulation	Signal strength	Bandwidth #	Latency #	Packet loss % #	Bandwidth #	Latency #	Packet loss % #	Browser	Handle cookies	Connection	Handle cache
Searcher	54.0%	Unlimited		Unlimited	0ms	0%	Unlimited	0ms	0%	Recorded one	Yes	6	New user
Buyer	20.0%	Wifi 802.11n	Average	20Mbps	0ms	0%	25Mbps	0ms	0%	Chrome 37.0	Yes	6	Returning user
Buyer	20.0%	3G	Poor	150Kbps	160ms	0%	300Kbps	150ms	1%	iPad Air	Yes	4	Returning user
Searcher	6.0%	Unlimited		Unlimited	0ms	0%	Unlimited	0ms	0%	Customized	Yes	6	New user

US

Virtual user	Percentage	WAN Emulation	Signal strength	Bandwidth #	Latency #	Packet loss % #	Bandwidth #	Latency #	Packet loss % #	Browser	Handle cookies	Connection	Handle cache
Searcher	54.0%	Unlimited		Unlimited	0ms	0%	Unlimited	0ms	0%	Recorded one	Yes	6	New user
Buyer	20.0%	Wifi 802.11n	Average	20Mbps	0ms	0%	25Mbps	0ms	0%	Chrome 37.0	Yes	6	Returning user
Buyer	20.0%	3G	Poor	150Kbps	160ms	0%	300Kbps	150ms	1%	iPad Air	Yes	4	Returning user
Searcher	6.0%	Unlimited		Unlimited	0ms	0%	Unlimited	0ms	0%	Customized	Yes	6	New user

Virtual user profiles

Name	Description	On failed assertion	On error	Think time	Thinktime range
Searcher		Go to the next iteration	Go to the next iteration	0ms	0%
Buyer		Go to the next iteration	Go to the next iteration	0ms	0%

Rendezvous

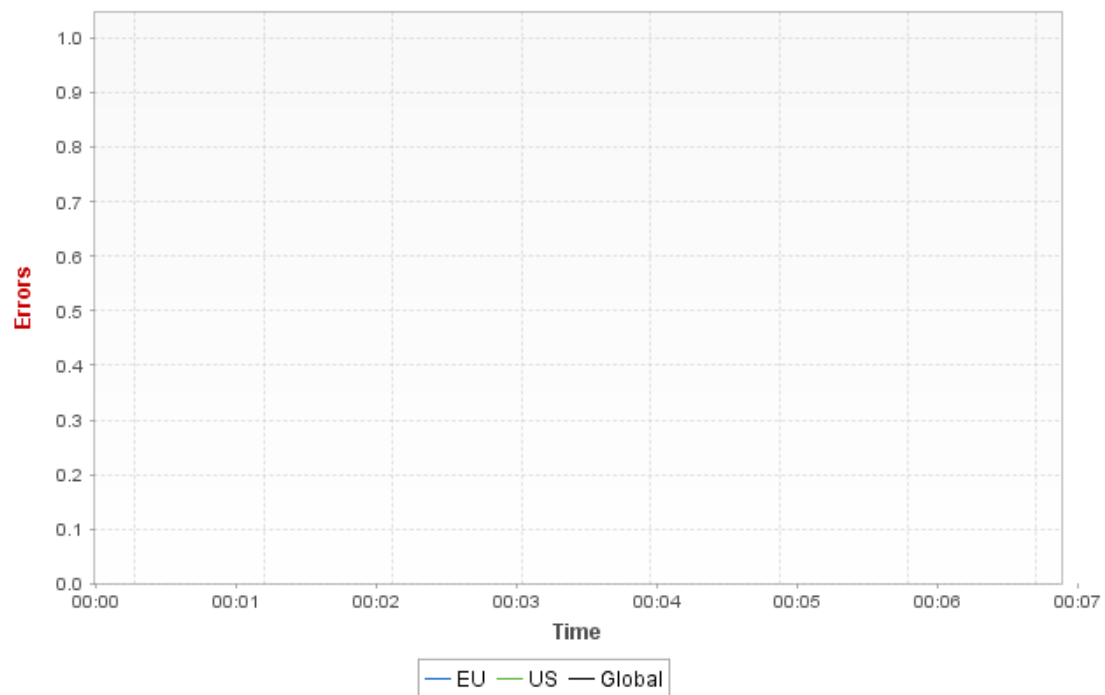
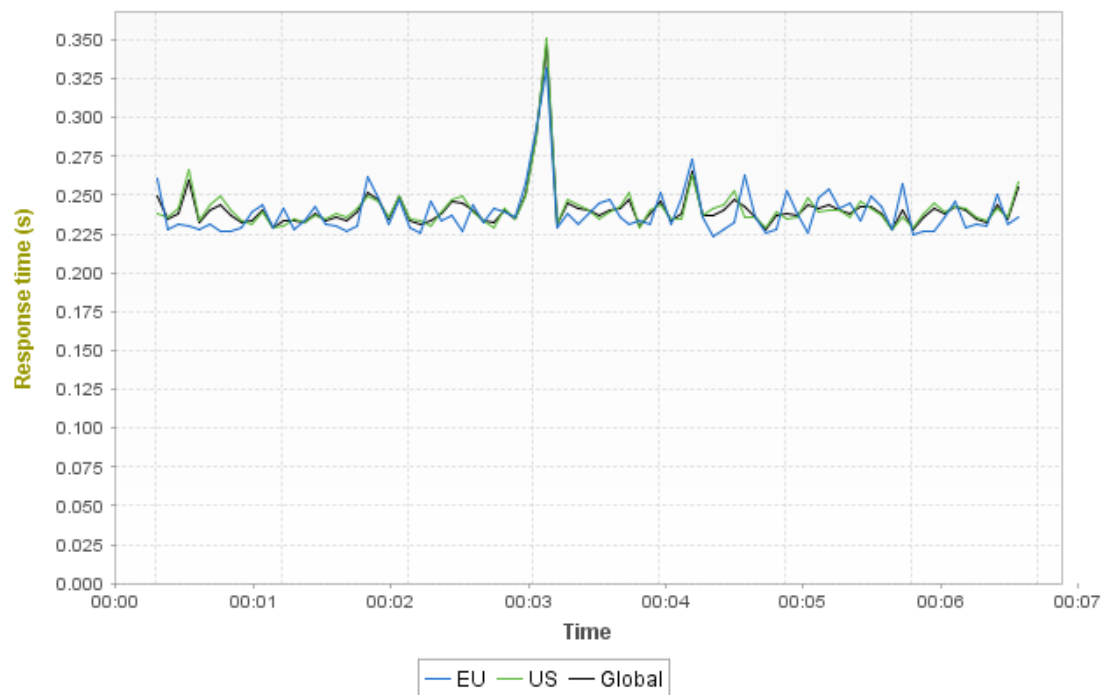
Enabled	Name	Policy	Value	Timeout
Empty list				

Servers

Servers

Host	Port	SPDY ready	SPDY used
54.234.0.40	80	No	No



Graphs




Statistics

Population	Total requests	Average requests/s	Avg. Page res. time	Error rate
EU	9911 (22.6%)	24.1	0.488s (-1.21%)	0% (- %)
US	33997 (77.4%)	82.5	0.495s (+0.202%)	0% (- %)
Global	43908 (100%)	106.6	0.494s	0%










Virtual Users

Min	Avg	Max	Count	Err	% of Err	SLA Profile
 Searcher						
16.5	25.2	35.7	135	0	0	-
 Buyer						
27.3	35.3	47	89	0	0	-








Shared containers









Min	Avg	Max	Count	Err	% of Err	Perc 50	Perc 90	Perc 95	Std Dev	Avg-90%	SLA Profile
 01 - Home Page											
0.881	1.08	3.4	1,012	0	0	1	1.14	1.65	0.276	1.03	-

Searcher

Min	Avg	Max	Count	Err	% of Err	Perc 50	Perc 90	Perc 95	Std Dev	Avg-90%	SLA Profile
 Searcher											
16.5	25.2	35.7	135	0	0	-	-	-	-	-	-
 Init											
0	0	0	135	0	0	-	-	-	-	-	-
 Actions											
2.9	5.07	12.3	572	0	0	-	-	-	-	-	-
 01 - Home Page											
0.995	1.09	3.4	701	0	0	1	1.13	1.67	0.296	1.03	-
 02 - Enter the store											
0.782	0.989	3.45	689	0	0	0.894	1.44	1.67	0.305	0.94	-
 03 - Search											
0.441	0.477	3.59	1,615	0	0	0.447	0.47	0.543	0.178	0.45	-
 04 - Product											
0.442	0.477	2.93	1,595	0	0	0.446	0.466	0.514	0.179	0.449	-
 05 - Item											
0.221	0.244	5.93	1,575	0	0	0.224	0.229	0.242	0.209	0.224	-
 End											
0	0	0	135	0	0	-	-	-	-	-	-

Buyer

Min	Avg	Max	Count	Err	% of Err	Perc 50	Perc 90	Perc 95	Std Dev	Avg-90%	SLA Profile
 Buyer											
27.3	35.3	47	89	0	0	-	-	-	-	-	-
 Init											
0	0	0	90	0	0	-	-	-	-	-	-
 Actions											
10.45	11.5	16.8	225	0	0	-	-	-	-	-	-
 01 - Home Page											
0.881	1.05	2.55	311	0	0	1.1	1.14	1.2	0.222	1.01	-
 02 - Sign In											
0.662	0.7	1.8	306	0	0	0.668	0.701	0.74	0.149	0.672	-
 03 - Login											
0.665	0.846	6.64	303	0	0	0.886	0.915	0.988	0.407	0.791	-
 04 - Category											
0.222	0.24	3.17	1,649	0	0	0.224	0.232	0.245	0.129	0.225	-

Min	Avg	Max	Count	Err	% of Err	Perc 50	Perc 90	Perc 95	Std Dev	Avg-90%	SLA Profile
 05 - Product											
0.441	0.47	2.12	1,632	0	0	0.446	0.464	0.501	0.146	0.448	-
 06 - Item											
0.441	0.475	5.6	1,616	0	0	0.446	0.463	0.499	0.212	0.448	-
 07 - AddToCart											
0.444	0.501	2.8	238	0	0	0.449	0.495	0.582	0.256	0.455	-
 08 - Checkout											
0.441	0.472	2.09	237	0	0	0.445	0.48	0.553	0.16	0.45	-
 09 - Continue Checkout											
0.221	0.247	2.2	232	0	0	0.224	0.238	0.267	0.167	0.225	-
 10 - Submit Order											
0.222	0.24	1.32	229	0	0	0.223	0.233	0.273	0.107	0.224	-
 11 - Confirm Order											
0.227	0.273	3.26	225	0	0	0.23	0.241	0.257	0.266	0.231	-
 End											
0	0	0	89	0	0	-	-	-	-	-	-

Shared containers

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



Searcher

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

Buyer

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




Shared containers


















Min	Avg	Max	Count	Err	% of Err	SLA Profile
 01 - Home Page						
0.881	1.08	3.4	1,012	0	0	-
 /jpetstore						
0.881	1.08	3.4	1,020	0	0	-

Searcher



Min	Avg	Max	Count	Err	% of Err	SLA Profile
 Searcher						
16.5	25.2	35.7	135	0	0	-
 Actions						
2.9	5.07	12.3	572	0	0	-
 01 - Home Page						
0.995	1.09	3.4	701	0	0	-
 /jpetstore						
0.995	1.09	3.4	706	0	0	-
 02 - Enter the store						
0.782	0.989	3.45	689	0	0	-
 /jpetstore/shop/index.shtml						
0.782	0.988	3.45	699	0	0	-
 03 - Search						
0.441	0.477	3.59	1,615	0	0	-
 /jpetstore/shop/searchProducts...FD173B2F83B11FE57DA8						
0.441	0.477	3.59	1,632	0	0	-
 04 - Product						
0.442	0.477	2.93	1,595	0	0	-
 /jpetstore/shop/viewProduct.shtml						
0.442	0.477	2.93	1,611	0	0	-
 05 - Item						
0.221	0.244	5.93	1,575	0	0	-
 /jpetstore/shop/viewItem.shtml						
0.221	0.244	5.93	1,594	0	0	-

Buyer

Min	Avg	Max	Count	Err	% of Err	SLA Profile
 Buyer						
27.3	35.3	47	89	0	0	-
 Actions						
10.45	11.5	16.8	225	0	0	-
 01 - Home Page						
0.881	1.05	2.55	311	0	0	-

Min	Avg	Max	Count	Err	% of Err	SLA Profile
 /jpetstore						
0.881	1.05	2.55	314	0	0	-
 02 - Sign In						
0.662	0.7	1.8	306	0	0	-
 /jpetstore/shop/signonForm.shtml						
0.662	0.7	1.8	309	0	0	-
 03 - Login						
0.665	0.846	6.64	303	0	0	-
 /jpetstore/shop/signon.shtml;j...FB043E3B0E35A5232650						
0.665	0.848	6.64	306	0	0	-
 04 - Category						
0.222	0.24	3.17	1,649	0	0	-
 /jpetstore/shop/viewCategory.shtml						
0.222	0.24	3.17	1,673	0	0	-
 05 - Product						
0.441	0.47	2.12	1,632	0	0	-
 /jpetstore/shop/viewProduct.shtml						
0.441	0.469	2.12	1,649	0	0	-
 06 - Item						
0.441	0.475	5.6	1,616	0	0	-
 /jpetstore/shop/viewItem.shtml						
0.441	0.475	5.6	1,630	0	0	-
 07 - AddToCart						
0.444	0.501	2.8	238	0	0	-
 /jpetstore/shop/addItemToCart.shtml						
0.444	0.5	2.8	244	0	0	-
 08 - Checkout						
0.441	0.472	2.09	237	0	0	-
 /jpetstore/shop/checkout.shtml						
0.441	0.472	2.09	238	0	0	-
 09 - Continue Checkout						
0.221	0.247	2.2	232	0	0	-
 /jpetstore/shop/newOrderForm.shtml						
0.221	0.246	2.2	237	0	0	-
 10 - Submit Order						
0.222	0.24	1.32	229	0	0	-
 /jpetstore/shop/newOrder.shtml						
0.222	0.24	1.32	232	0	0	-
 11 - Confirm Order						
0.227	0.273	3.26	225	0	0	-
 /jpetstore/shop/newOrder.shtml						
0.227	0.272	3.26	229	0	0	-


















Shared containers








SLA	Worst Value	Severity
 01 - Home Page		
 /jpetstore		

Searcher

SLA	Worst Value	Severity
 Searcher		
 Actions		
 01 - Home Page		
 /jpetstore		
 02 - Enter the store		
 /jpetstore/shop/index.shtml		
 03 - Search		
 /jpetstore/shop/searchProducts...FD173B2F83B11FE57DA8		
 04 - Product		
 /jpetstore/shop/viewProduct.shtml		
 05 - Item		
 /jpetstore/shop/viewItem.shtml		

Buyer

SLA	Worst Value	Severity
 Buyer		
 Actions		
 01 - Home Page		
 /jpetstore		
 02 - Sign In		
 /jpetstore/shop/signonForm.shtml		
 03 - Login		
 /jpetstore/shop/signon.shtml;j...FB043E3B0E35A5232650		
 04 - Category		
 /jpetstore/shop/viewCategory.shtml		
 05 - Product		
 /jpetstore/shop/viewProduct.shtml		
 06 - Item		
 /jpetstore/shop/viewItem.shtml		
 07 - AddToCart		
 /jpetstore/shop/addItemToCart.shtml		
 08 - Checkout		

SLA	Worst Value	Severity
 /jpetstore/shop/checkout.shtml		
 09 - Continue Checkout		
 /jpetstore/shop/newOrderForm.shtml		
 10 - Submit Order		
 /jpetstore/shop/newOrder.shtml		
 11 - Confirm Order		
 /jpetstore/shop/newOrder.shtml		

Searcher

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

Buyer

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	190.1	225	225	197.7	64.6
Controller/Throughput					
0	2.15	5.33	2.19	2.14	0.811
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					
26	35	97	33	34	7.53
Controller/Memory					
5	15.4	30	17	15.1	7.52
Controller/Thread Count					
240	255.2	265	254	254.8	3.86
Controller/Network/Segments sent/sec.					
0	760.1	11,196	0	525.8	1,474
Controller/Network/Segments retransmitted/sec.					
0	0.949	395.5	0	0	19.4
Controller/Network/net7 (Dell Wireless 5570 HSPA+ (42Mbp...gabits received/sec.					
0	0	0	0	0	-
Controller/Network/net7 (Dell Wireless 5570 HSPA+ (42Mbp...)/Megabits sent/sec.					
0	0	0	0	0	-
Controller/Network/eth4 (Intel(R) Ethernet Connection I2...gabits received/sec.					
0.06	2.55	5.99	2.6	2.54	0.914
Controller/Network/eth4 (Intel(R) Ethernet Connection I2...)/Megabits sent/sec.					
0.068	1.14	3.88	1.04	1.09	0.479
Controller/Network/net8 (Intel(R) Dual Band Wireless-AC ...gabits received/sec.					
0	0	0	0	0	-
Controller/Network/net8 (Intel(R) Dual Band Wireless-AC 7260)/Megabits sent/sec.					
0	0	0	0	0	-
Controller/Network/net9 (Microsoft Virtual WiFi Miniport...gabits received/sec.					
0	0	0	0	0	-
Controller/Network/net9 (Microsoft Virtual WiFi Miniport...)/Megabits sent/sec.					
0	0	0	0	0	-
Controller/Default zone/User Load					
0	190.1	225	225	197.7	64.6
Controller/Europe United Kingdom (London 1)/User Load					
0	0	0	0	0	-
Controller/USA Central - Texas (Dallas 1)/User Load					
0	0	0	0	0	-

host/Web Server monitored from localhost

Performance Counters

Min	Avg	Max	Med	Avg-90%	Std Dev
host/Web Server/All/CPUload					
0.001	0.002	0.005	0.002	0.002	0.001
host/Web Server/All/BusyWorkers					
1	14.6	30	14	14.6	6.8

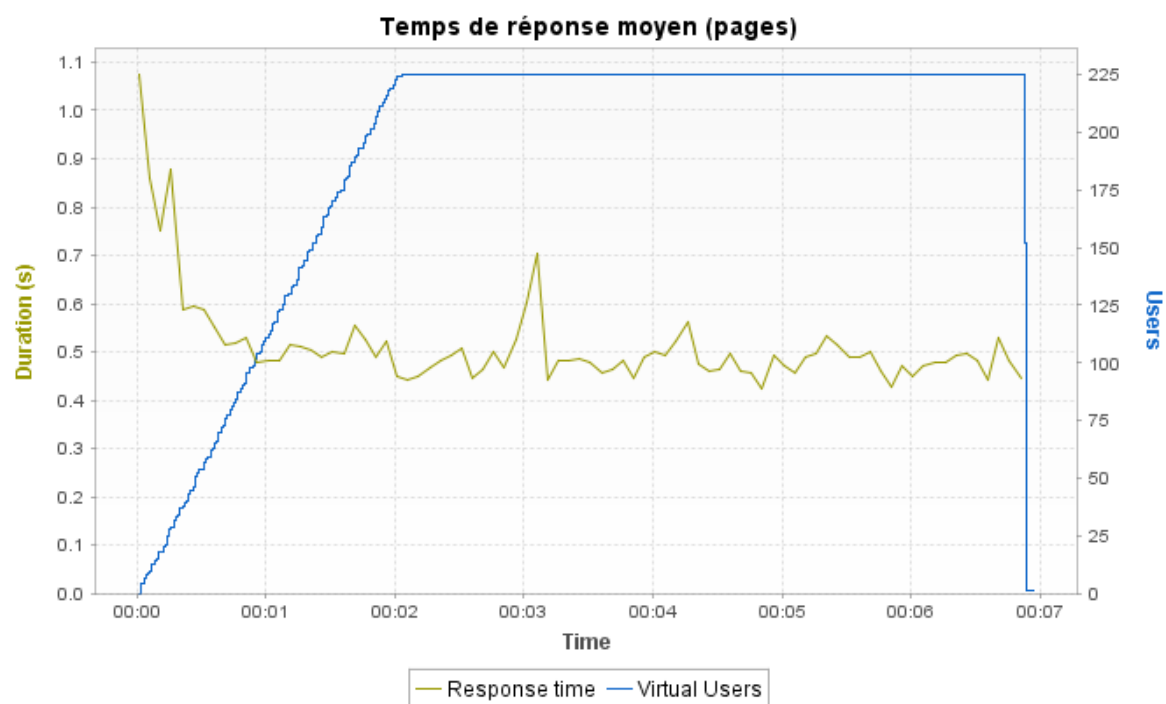
Min	Avg	Max	Med	Avg-90%	Std Dev
host/Web Server/All/%BusyWorkers					
5	55.2	100	55.2	55.4	23.4
host/Web Server/All/IdleWorkers					
0	11.4	25	12	11.5	5.89

LG localhost

Performance Counters

Min	Avg	Max	Med	Avg-90%	Std Dev
LG localhost/CPU					
0	34.9	100	33	34	7.74
LG localhost/Memory					
0	13	31	11	12.7	8.01
LG localhost/Throughput					
0	2.15	5.33	2.19	2.14	0.811
LG localhost/User Load					
0	190.1	225	225	197.7	64.6
LG localhost/Thread Count					
0	295.8	309	306	299.6	30.7
LG localhost/Controller Connection/Ping Duration					
0	1	9	0	0.6	2.39
LG localhost/Network/Segments sent/sec.					
0	677.8	18,314	0	460.7	1,455
LG localhost/Network/Segments retransmitted/sec.					
0	2.08	451.1	0	0	30.1
LG localhost/Network/net7 (Dell Wireless 5570 HSPA+ (42M...gabits received/sec.					
0	0	0	0	0	-
LG localhost/Network/net7 (Dell Wireless 5570 HSPA+ (42M...)/Megabits sent/sec.					
0	0	0	0	0	-
LG localhost/Network/eth4 (Intel(R) Ethernet Connection ...gabits received/sec.					
0.055	2.56	5.96	2.6	2.55	0.905
LG localhost/Network/eth4 (Intel(R) Ethernet Connection ...)/Megabits sent/sec.					
0.068	1.14	3.89	1.04	1.09	0.48
LG localhost/Network/net8 (Intel(R) Dual Band Wireless-A...gabits received/sec.					
0	0	0	0	0	-
LG localhost/Network/net8 (Intel(R) Dual Band Wireless-A...)/Megabits sent/sec.					
0	0	0	0	0	-
LG localhost/Network/net9 (Microsoft Virtual WiFi Minipo...gabits received/sec.					
0	0	0	0	0	-
LG localhost/Network/net9 (Microsoft Virtual WiFi Minipo...)/Megabits sent/sec.					
0	0	0	0	0	-
LG localhost/EU/User Load					
1	42.8	50	50	44.4	13.7
LG localhost/EU/Searcher/User Load					
0	25.6	30	30	26.6	8.29
LG localhost/EU/Buyer/User Load					
1	17.2	20	20	17.8	5.42
LG localhost/US/User Load					
0	147.8	175	175	153.7	50.3
LG localhost/US/Searcher/User Load					
0	88.6	105	105	92.2	30.3
LG localhost/US/Buyer/User Load					
0	59.2	70	70	61.5	20.1

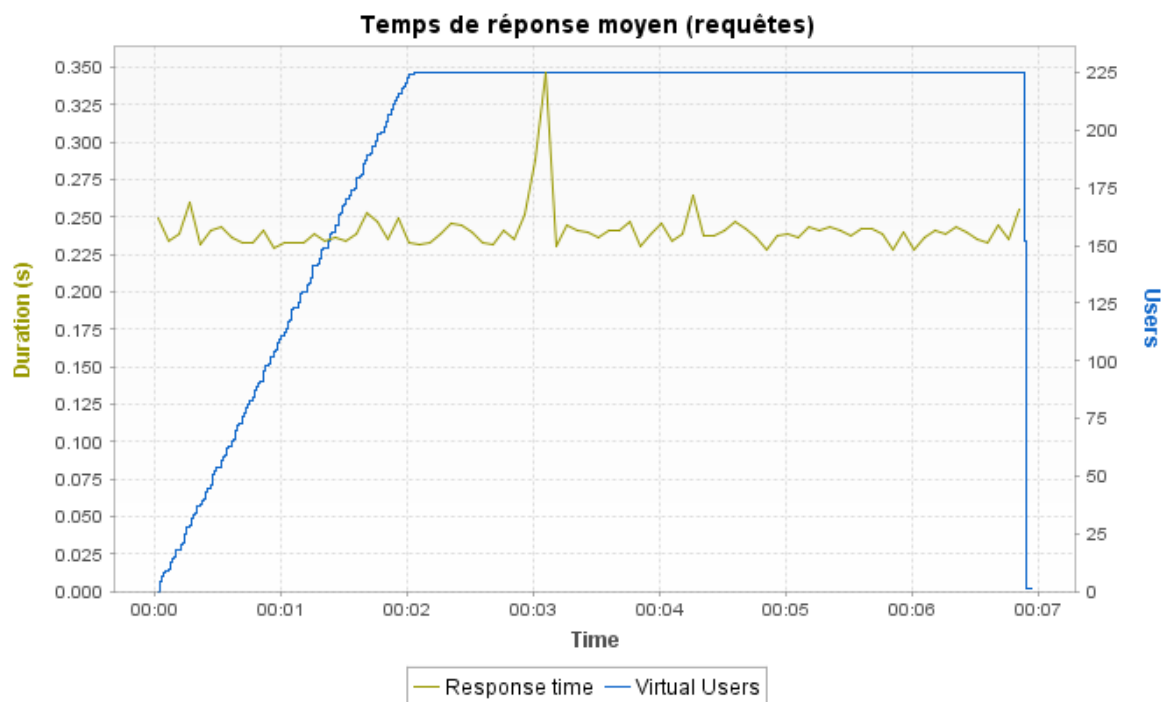
Temps de réponse moyen (pages)



Min	Average	Max
0.424	0.494	1.075

Notes: Affiche le temps de réponse moyen, en secondes, de toutes les pages pendant le test.

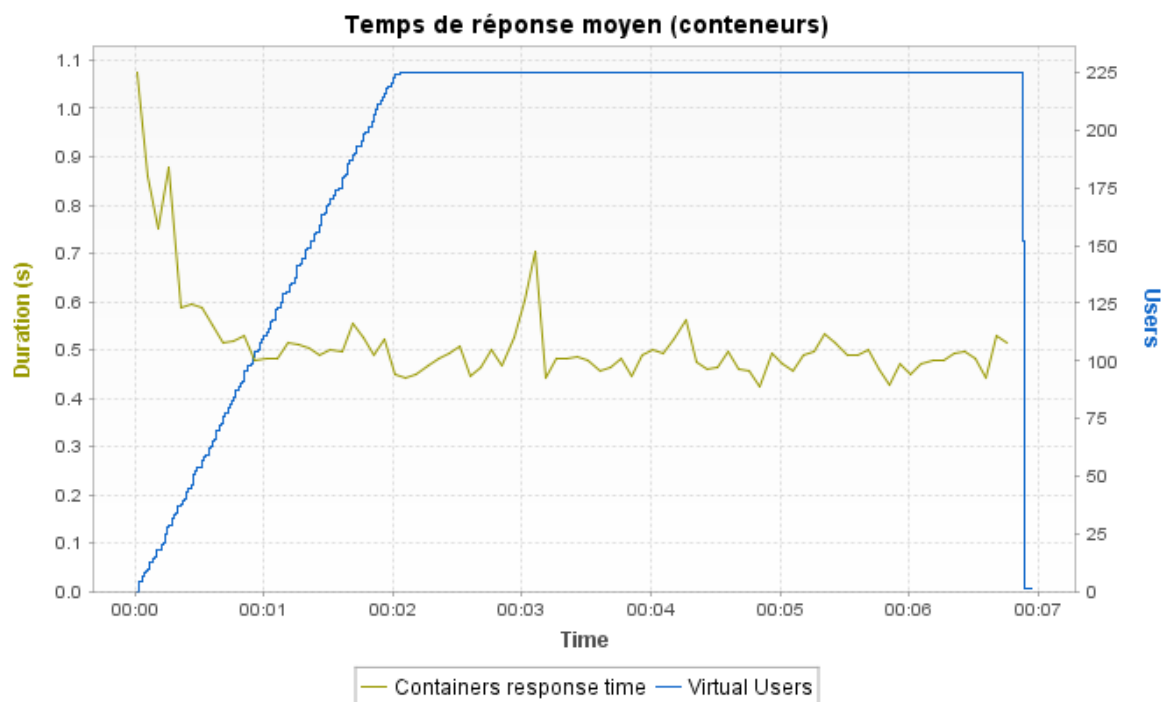
Temps de réponse moyen (requêtes)



Min	Average	Max
0.228	0.241	0.347

Notes: Affiche le temps de réponse moyen, en secondes, de toutes les requêtes pendant le test.

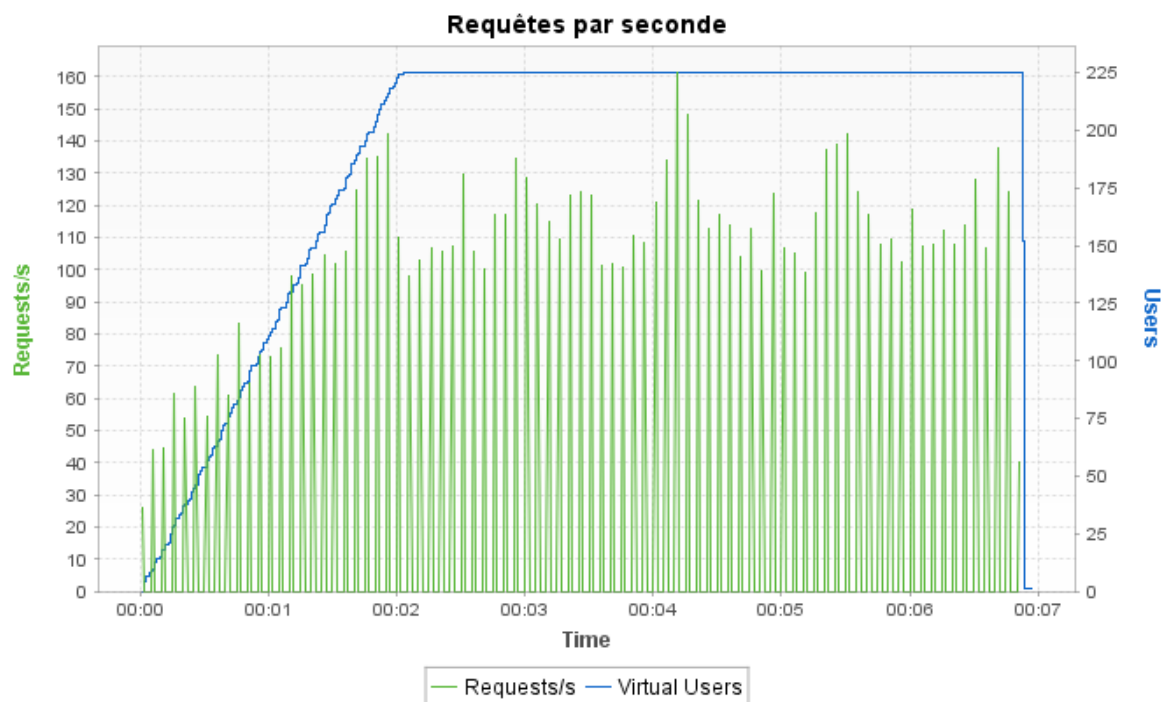
Temps de réponse moyen (conteneurs)



Min	Average	Max	Median	Avg-90%	Std. Dev.
0.424	0.494	1.075	0.485	0.488	0.054

Notes: Affiche le temps de réponse moyen, en secondes, de tous les conteneurs pendant le test.

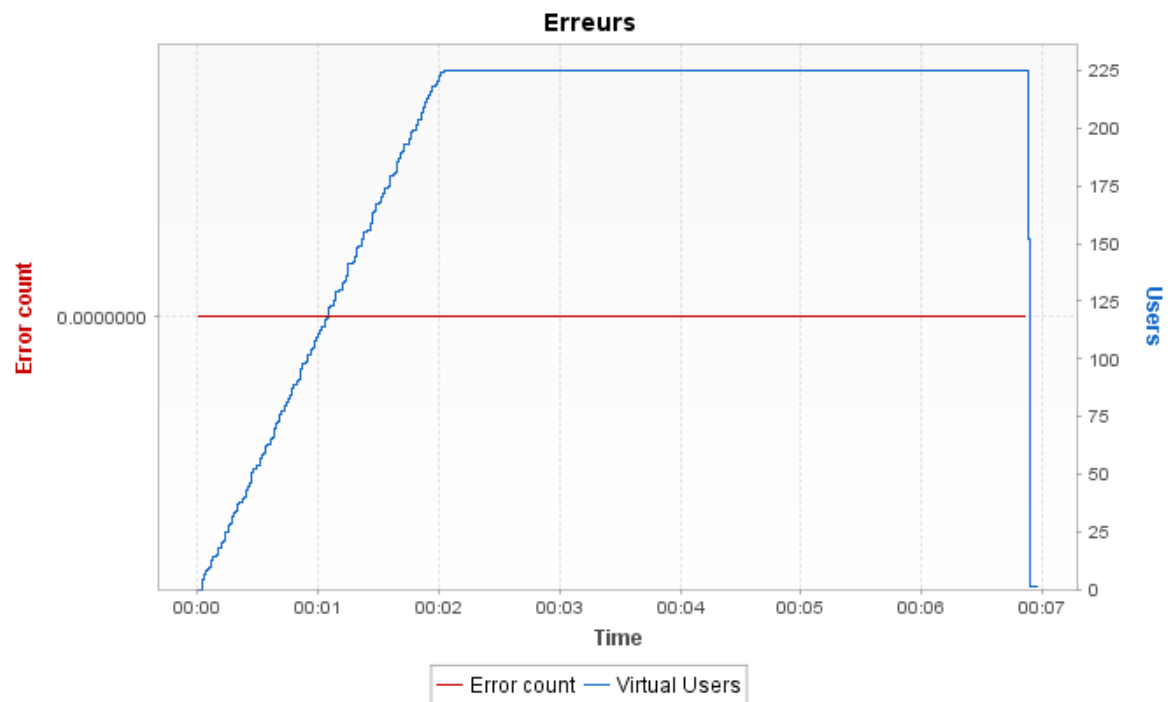
Requêtes par seconde



Min	Average	Max
0	21.4	161.4

Notes: Affiche le nombre de requêtes jouées sur le serveur par les Utilisateurs Virtuels.

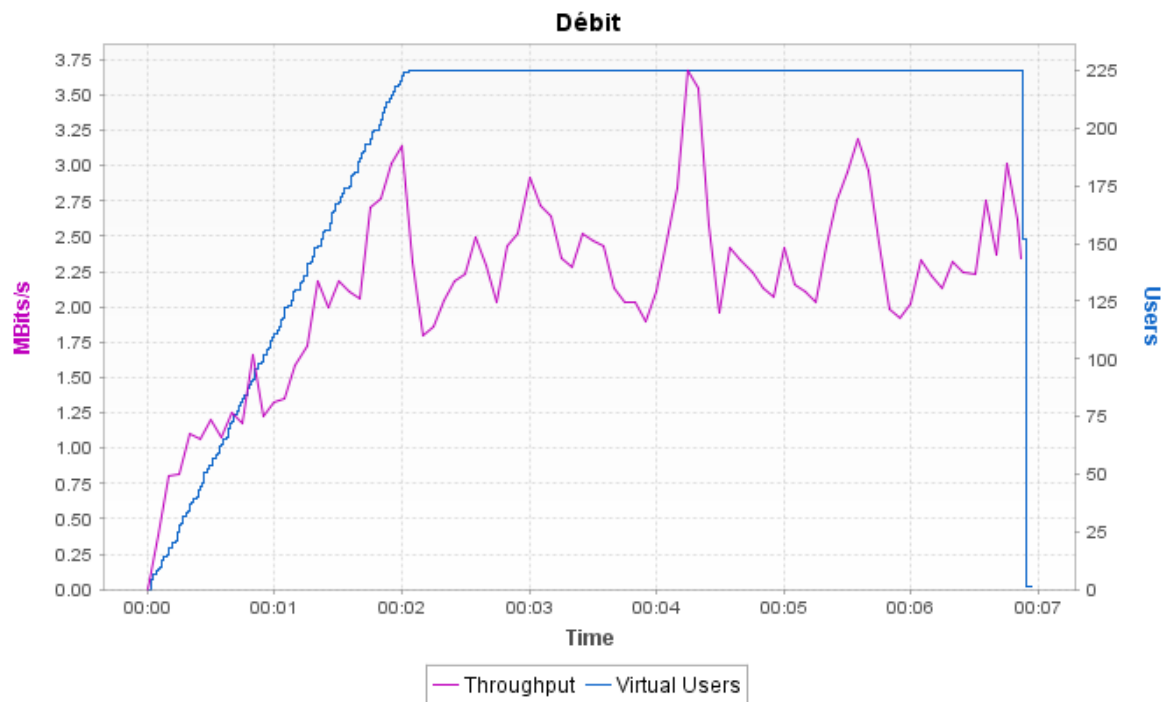
Erreurs



Min	Average	Max
0	0	0

Notes: Affiche le nombre d'erreurs par intervalle d'échantillonnage.

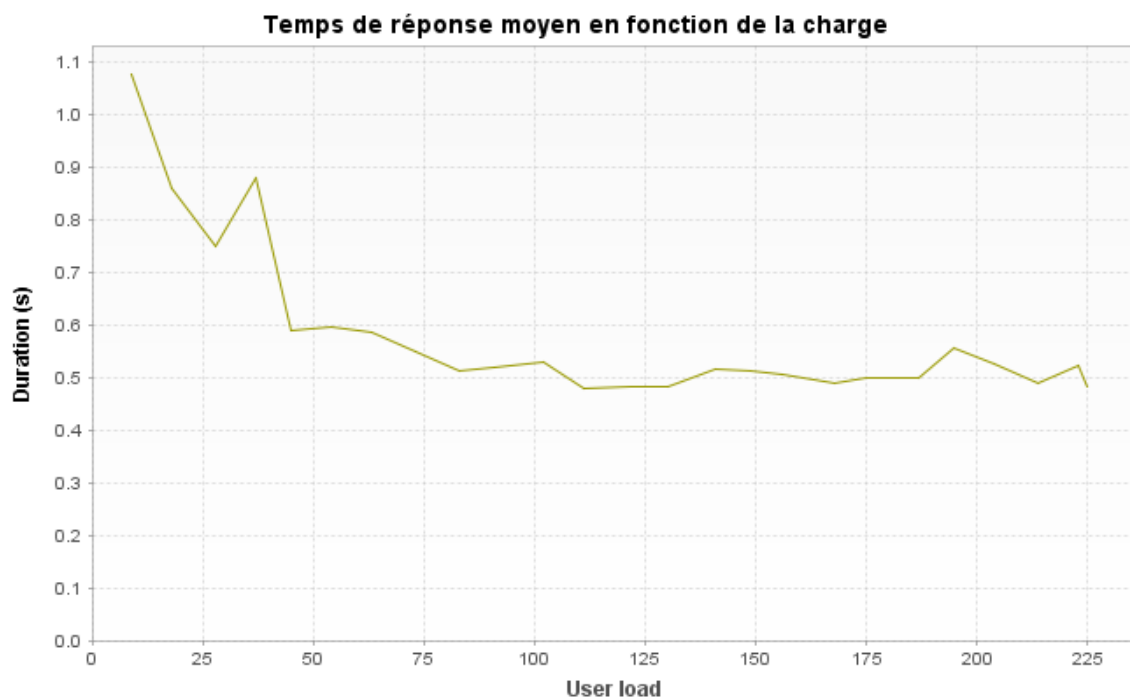
Débit



Min	Average	Max
0	2.15	3.67

Notes: Affiche le nombre de mégabits par seconde de données retournés par le serveur.

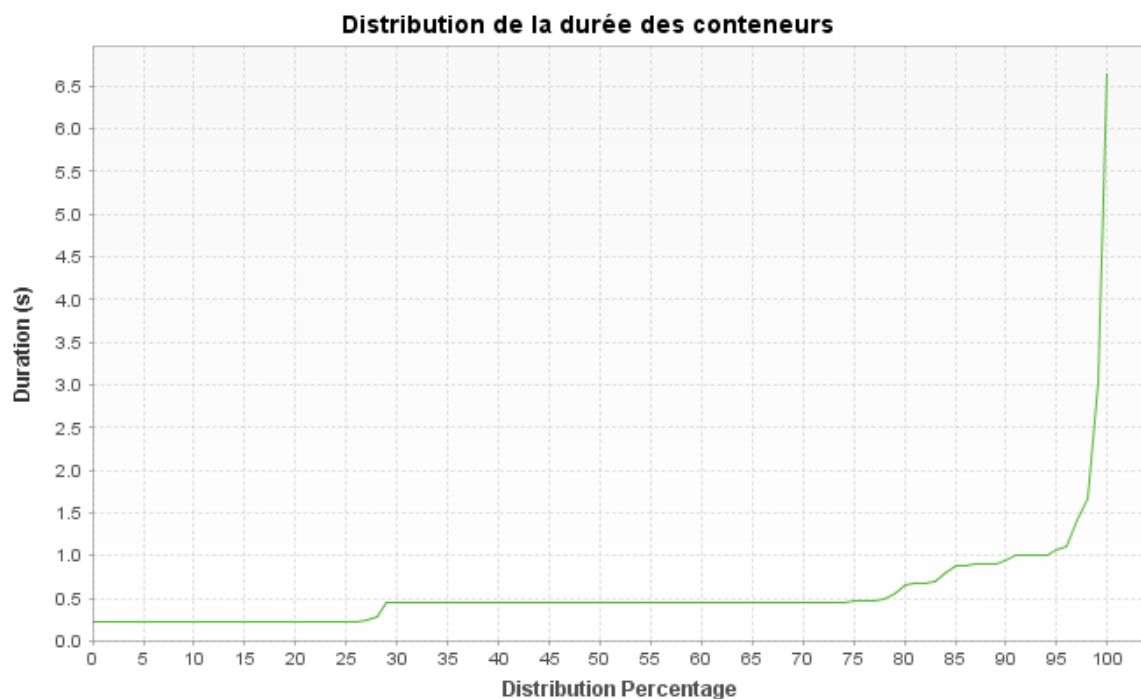
Temps de réponse moyen en fonction de la charge



Min	Average	Max
0.479	0.58	1.075

Notes: Affiche le temps de réponse moyen, en secondes, de toutes les pages en fonction du nombre d'Utilisateurs Virtuels simultanés.

Distribution de la durée des conteneurs



Notes: Affiche le pourcentage de conteneurs qui ont été jouées avec une durée donné. Ce graphe permet de déterminer le pourcentage de conteneurs qui vérifient un objectif de performance donné. Par exemple, le graphe peut montrer que 90% des conteneurs ont un durée sous n secondes.