Performance Test Report

Date	Mar 3, 2023, 5:54:56 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	05:51 - 3 Mar 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	Mar 3, 2023, 5:54:56 AM		
End date	Mar 3, 2023, 6:09:49 AM	Stop Policy	• Population BE: undefined.
Duration	00:14:52		
Termination reason	Execution policy	Filters	None
LG Hosts	10.149.80.138:7100	Debug	Disabled

Statistics Summary

Total pages	18492	—	Average pages/s	20.7	—
Total requests	130522	—	Average requests/s	146.2	—
Total users launched	250	—	Average Request response time	0.439 s	—
Total iterations completed	927	—	Average Page response time	2.94 s	—
Total throughput	4,978 MB	—	Average throughput	44.60 Mb/s	—
Total request errors	4	—	Error rate	0 %	—
Total action errors	0	—	Alerts total duration	0 %	—

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

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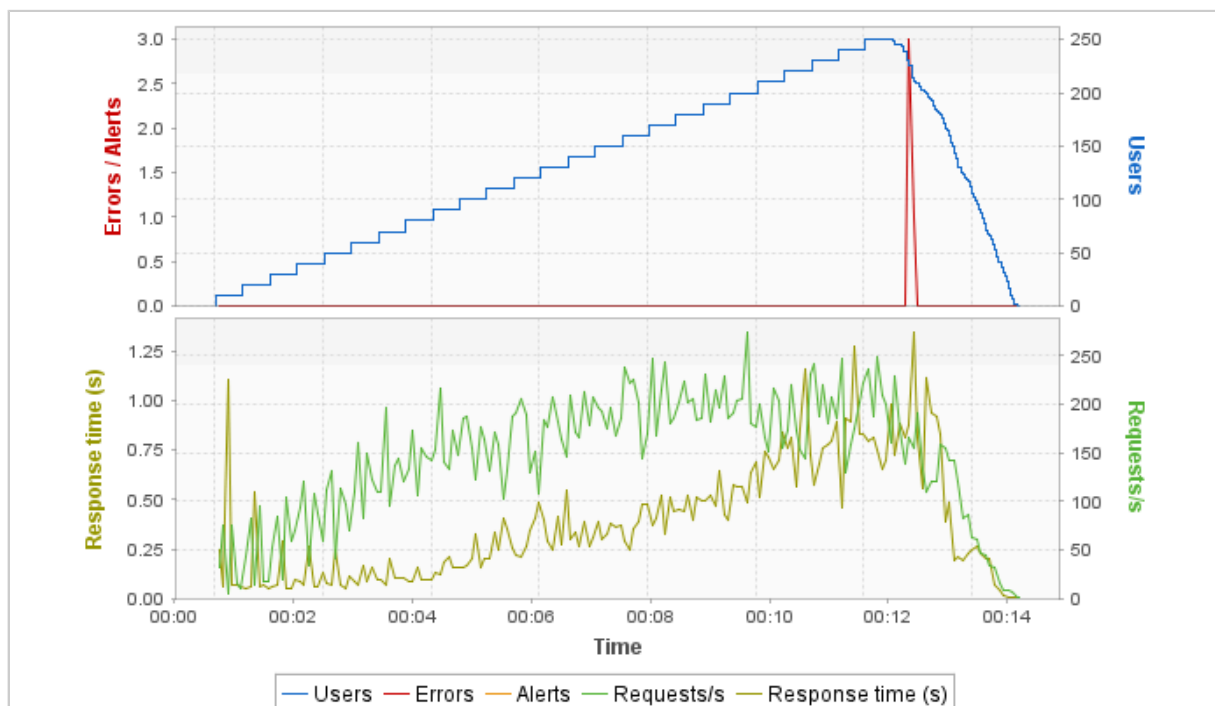
Hot spots

Top 5 errors

User Path	Parent	Page	Count
BE_Standard_C4484573	BE_Medical	/wave1/apis/obbe/rest2/qaphr998...MMARY/ saveEnrollment	1
BE_Standard_C4484573	BE_Dependents	/wave1/apis/obbe/rest2/qaphr998...UMMARY/ getEnrollment	1
BE_Standard_C4484573	BE_Benefit Enrollment	/obbe/assets/images/favicon.png	1
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login_1	1

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	23.5
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login	6.21
BE_Standard_C4484573	BE_Benefit Enrollment	/obbe/assets/images/favicon.png	4.47
BE_Standard_C4484573	BE_Dependents	/wave1/apis/obbe/rest2/qaphr998...UMMARY/ getEnrollment	3.55
BE_Standard_C4484573	BE_Confirm Enrollment	/wave1/apis/obbe/rest2/qaphr998...FIRM.ENROLLMENT/ null	3.46

Top 5 maximum response time (Pages)

User Path	Parent	Page	Duration
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login_1	73.1
BE_Standard_C4484573	BE_Confirm Enrollment	/wave1/apis/obbe/rest2/qaphr998...FIRM.ENROLLMENT/ null	34.7
BE_Standard_C4484573	BE_Login	/wave1/apis/ep/login	32.9
BE_Standard_C4484573	BE_Dependents	/wave1/apis/obbe/rest2/qaphr998...UMMARY/ getEnrollment	28.9
BE_Standard_C4484573	BE_Welcome_Benefit Enrollment	/wave1/apis/obbe/rest2/qaphr998...JSFORMS.EDIT/ getForm	28.8

Errors

Request errors

Error Type	Count	Description
500	4	Internal Server Error
Total	4	Total error count.

Action errors

No errors

Alerts

No alerts

General statistics

Min	Avg	Max	Count	Err	% of Err	SLA Profile
All User Paths						
66.1	217.5	344.7	250	4	1.6	-
All pages						
0	2.94	73.1	18,492	4	0	-
All requests						
0	0.439	43.5	130,522	4	0	-

Transaction statistics

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Min	Avg	Max	Count	Err	% of Err	Perc 50	Perc 95	Perc 99	Std Dev	Avg-90%	SLA Profile
All Transactions											
0	4.2	99.4	12,942	4	0	1.4	17.9	55.5	9.38	2.47	-

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Scenario

Summary

Name	05:51 - 3 Mar 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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Termination reason	Execution policy	**Filters**	None
LG Hosts	10.149.80.138:7100	**Debug**	Disabled

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_C448<	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	05:51 - 3 Mar 2023	**Project**	PrismHR_Main
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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
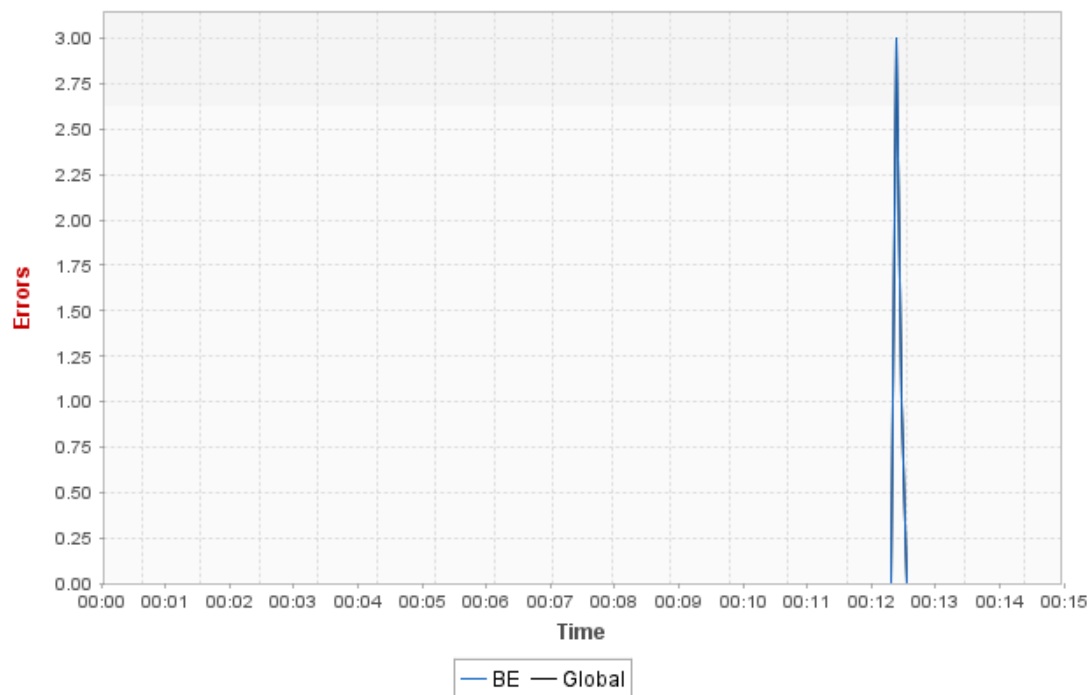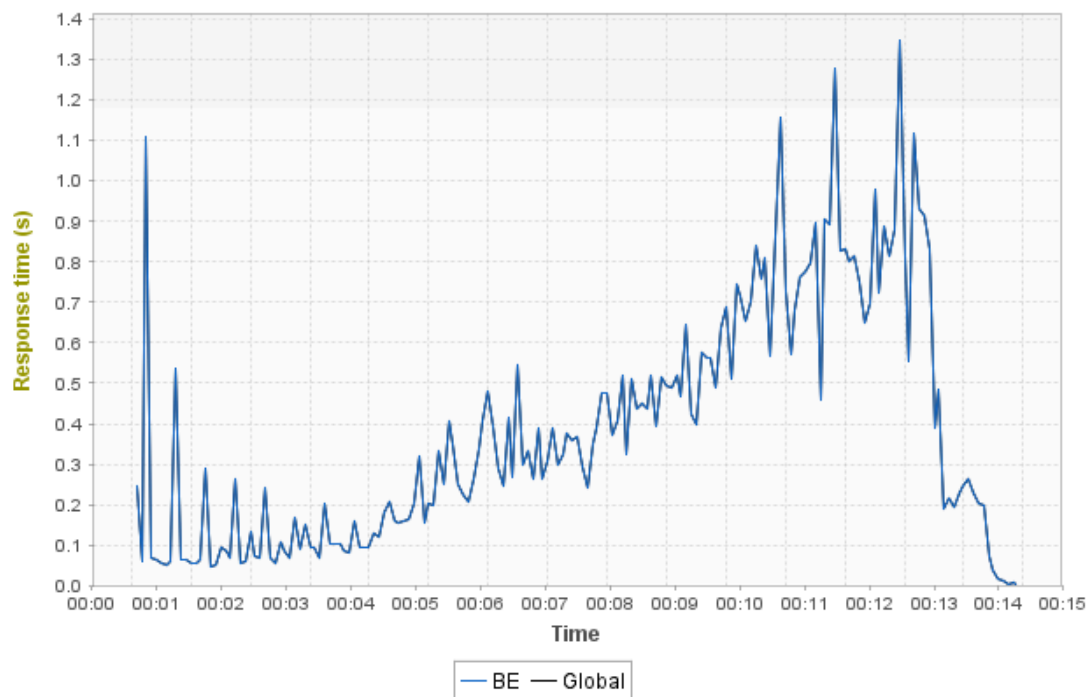
Statistics

Population	Total requests	Average requests/s	Avg. Page res. time	Error rate
BE	130522 (100%)	146.2	2.94s (0%)	0% (0%)
Global	130522 (100%)	146.2	2.94s	0%

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User Paths

Min	Avg	Max	Count	Err	% of Err	SLA Profile
👤 **BE_Standard_C4484573**						
66.1	217.5	344.7	250	4	1.6	-

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											
66.1	217.5	344.7	250	4	1.6	-	-	-	-	-	-
📁 Init											
0	0	0	250	0	0	-	-	-	-	-	-
📁 Actions											
8.24	58.6	144.4	927	4	0.4	-	-	-	-	-	-
📁 START											
0	0	0	927	0	0	0	0	0	0	0	-
📁 BE_Landing											
0.206	0.917	10.99	927	0	0	0.534	2.46	3.92	0.924	0.798	-
📁 BE_Login											
3.36	29.8	99.4	927	1	0.1	25.2	66.2	79.9	20.3	28.7	-
📁 BE_Benefit Enrollment											
1.44	6.57	31.4	926	1	0.1	6.05	13.8	20.5	4.06	6.21	-
📁 BE_Welcome_Benefit Enrollment											
0.111	2.29	28.8	925	0	0	1.57	7.28	12.3	2.66	1.94	-
📁 BE_Dependents											
0.291	3.55	28.9	925	1	0.1	2.84	9.29	15.6	3.2	3.18	-
📁 BE_Medical											
0.194	2.35	23.9	924	1	0.1	1.81	6.1	10.38	2.34	2.07	-
📁 BE_HSA											
0.191	2.37	23.2	923	0	0	1.71	6.62	11.3	2.3	2.1	-
📁 BE_FSA											
0.234	2.97	24.8	923	0	0	2.39	8.06	12	2.65	2.67	-
📁 BE_Commuter Form											
0.283	3.29	20.6	923	0	0	2.77	8.27	13.1	2.75	3.01	-
📁 BE_Benefit Summary											
0.04	1.1	14.1	923	0	0	0.551	3.92	6.92	1.53	0.876	-
📁 BE_Confirm Enrollment											
0.279	3.46	34.7	923	0	0	2.71	9.54	13.3	3.17	3.1	-
📁 BE_Logout											
0.007	0.097	2.02	923	0	0	0.03	1.02	1.05	0.247	0.047	-
📁 FINISH											
0	0	0	923	0	0	0	0	0	0	0	-
📁 End											
0	0	0	250	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						
66.1	217.5	344.7	250	4	1.6	-
📁 Actions						
8.24	58.6	144.4	927	4	0.4	-
📁 BE_Landing						
0.206	0.917	10.99	927	0	0	-
/						
0.163	0.414	3.12	927	0	0	-
/wave1/apis/ep/logout						
0.039	0.502	9.82	927	0	0	-
📁 BE_Login						
3.36	29.8	99.4	927	1	0.1	-
/wave1/apis/ep/login						
0.268	6.21	32.9	927	0	0	-
/wave1/apis/ep/login_1						
2.95	23.5	73.1	927	1	0.1	-
📁 BE_Benefit Enrollment						
1.44	6.57	31.4	926	1	0.1	-
/wave1/apis/ep/sso/obbe						
0.015	0.459	8.48	926	0	0	-
/phr/ess/qaphr998two/sso/benefitEnrollment						
0.31	1.15	7.77	926	0	0	-
/obbe/assets/images/favicon.png						
0.866	4.47	27.7	926	1	0.1	-
/wave1/apis/obbe/rest2/qaphr99...JSFORMS.EDIT/getForm						
0.028	0.493	10.19	925	0	0	-
📁 BE_Welcome_Benefit Enrollment						
0.111	2.29	28.8	925	0	0	-
/wave1/apis/obbe/rest2/qaphr99...JSFORMS.EDIT/getForm						
0.111	2.29	28.8	925	0	0	-
📁 BE_Dependents						
0.291	3.55	28.9	925	1	0.1	-
/wave1/apis/obbe/rest2/qaphr99...UMMARY/getEnrollment						
0.291	3.55	28.9	925	1	0.1	-
📁 BE_Medical						
0.194	2.35	23.9	924	1	0.1	-
/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment						
0.194	2.35	23.9	924	1	0.1	-
📁 BE_HSA						
0.191	2.37	23.2	923	0	0	-

Min	Avg	Max	Count	Err	% of Err	SLA Profile
	/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment					
0.191	2.37	23.2	923	0	0	-
BE_FSA						
0.234	2.97	24.8	923	0	0	-
	/wave1/apis/obbe/rest2/qaphr99...AN.SUMMARY/getValues					
0.027	0.589	9.18	923	0	0	-
	/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment					
0.203	2.38	23.4	923	0	0	-
BE_Commuter Form						
0.283	3.29	20.6	923	0	0	-
	/wave1/apis/obbe/rest2/qaphr99...AN.SUMMARY/getValues					
0.028	0.516	7.95	923	0	0	-
	/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment					
0.247	2.77	20.1	923	0	0	-
BE_Benefit Summary						
0.04	1.1	14.1	923	0	0	-
	/wave1/apis/obbe/rest2/qaphr99...MMARY/saveEnrollment					
0.04	1.1	14.1	923	0	0	-
BE_Confirm Enrollment						
0.279	3.46	34.7	923	0	0	-
	/wave1/apis/obbe/rest2/qaphr99...FIRM.ENROLLMENT/null					
0.279	3.46	34.7	923	0	0	-
BE_Logout						
0.007	0.097	2.02	923	0	0	-
	/wave1/apis/ep/logout					
0	0.032	1.03	923	0	0	-
	/					
0.007	0.064	1.12	923	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**		
🌐 **/**		
🌐 **/wave1/apis/ep/logout**		
📁 **BE_Login**		
🌐 **/wave1/apis/ep/login**		
🌐 **/wave1/apis/ep/login_1**		
📁 **BE_Benefit Enrollment**		
🌐 **/wave1/apis/ep/sso/obbe**		
🌐 **/phr/ess/qaphr998two/sso/benefitEnrollment**		
🌐 **/obbe/assets/images/favicon.png**		
🌐 **/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**		
🌐 **/wave1/apis/obbe/rest2/qaphr99...FIRM.ENROLLMENT/null**		
📁 **BE_Logout**		
🌐 **/wave1/apis/ep/logout**		

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SLA	Value	Severity
/		

SLA	Value	Severity
/		

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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

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Controller
Performance Counters

Min	Avg	Max	Med	Avg-90%	Std Dev
Controller/User Load					
0	130.7	250	130	130.7	72.9
Controller/Throughput					
0	44.6	190.6	42.1	42.7	32.7
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					
0	30.8	78	30	30.2	4.46
Controller/JVM Memory Used					
0	19.9	28	20	19.9	3.37
Controller/OS Memory Used					
-	38.9	39	39	39	1.34
Controller/Thread Count					
0	545.9	556	546	546	18.5
Controller/Connected					
0	0.999	1	1	1	0.033
Controller/Total Disconnections					
0	0	0	0	0	0
Controller/Total Reconnections					
0	0	0	0	0	0
Controller/Network/Segments sent/sec.					
0	112.2	1,211	106.8	106.2	83.5
Controller/Network/Segments retransmitted/sec.					
0	0.176	54.3	0	0	3.04
Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits received/sec.					
0	0.039	0.363	0.037	0.037	0.026
Controller/Network/eth11 (vmxnet3 Ethernet Adapter)/Megabits sent/sec.					
0	0.815	3.13	0.858	0.797	0.503
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	130.7	250	130	130.7	72.9
Controller/Default zone/BE/User Load					
1	130.8	250	130	130.9	72.8
Controller/Default zone/BE/BE_Standard_C4484573/User Load					
1	130.8	250	130	130.9	72.8

LG 10.149.80.138:7100
Performance Counters

Min	Avg	Max	Med	Avg-90%	Std Dev
LG 10.149.80.138:7100/CPU Load					
0	20.8	96	20	20.3	9.24
LG 10.149.80.138:7100/JVM Memory Used					
0	5.79	19	5	5.49	2.94

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Min	Avg	Max	Med	Avg-90%	Std Dev
LG 10.149.80.138:7100/OS Memory Used					
36	39.2	43	39	39.1	2.04
LG 10.149.80.138:7100/Throughput					
0	44.6	190.6	42.1	42.7	32.7
LG 10.149.80.138:7100/User Load					
0	130.7	250	130	130.7	72.9
LG 10.149.80.138:7100/Thread Count					
0	268.9	442	264	267.9	102
LG 10.149.80.138:7100/Http client/Thread Pool used					
0	0.138	0.28	0.1	0.132	0.057
LG 10.149.80.138:7100/Http client/Task Pool used					
0	0.001	0.1	0	0	0.008
LG 10.149.80.138:7100/Controller Connection/Disconnections					
0	0	0	0	0	-
LG 10.149.80.138:7100/Controller Connection/Reconnections					
0	0	0	0	0	-
LG 10.149.80.138:7100/Controller Connection/Ping Duration (ms)					
2	48.9	63	53	50.7	16.6
LG 10.149.80.138:7100/Network/Segments sent/sec.					
0	2,364	42,723	0	1,855	3,933
LG 10.149.80.138:7100/Network/Segments retransmitted/sec.					
0	0	0	0	0	0
LG 10.149.80.138:7100/Network/eth5 (vmxnet3 Ethernet Ada...gabits received/sec.					
0	0	0	0	0	-
LG 10.149.80.138:7100/Network/eth5 (vmxnet3 Ethernet Ada...)/Megabits sent/sec.					
0	0	0	0	0	-
LG 10.149.80.138:7100/Network/eth4 (vmxnet3 Ethernet Ada...gabits received/sec.					
0	46.7	199.3	44.4	44.7	34.1
LG 10.149.80.138:7100/Network/eth4 (vmxnet3 Ethernet Adapter)/Megabits sent/sec.					
0	2.01	5.63	2.09	2.01	1.03

Tricentis

Average page response time

Average page response time
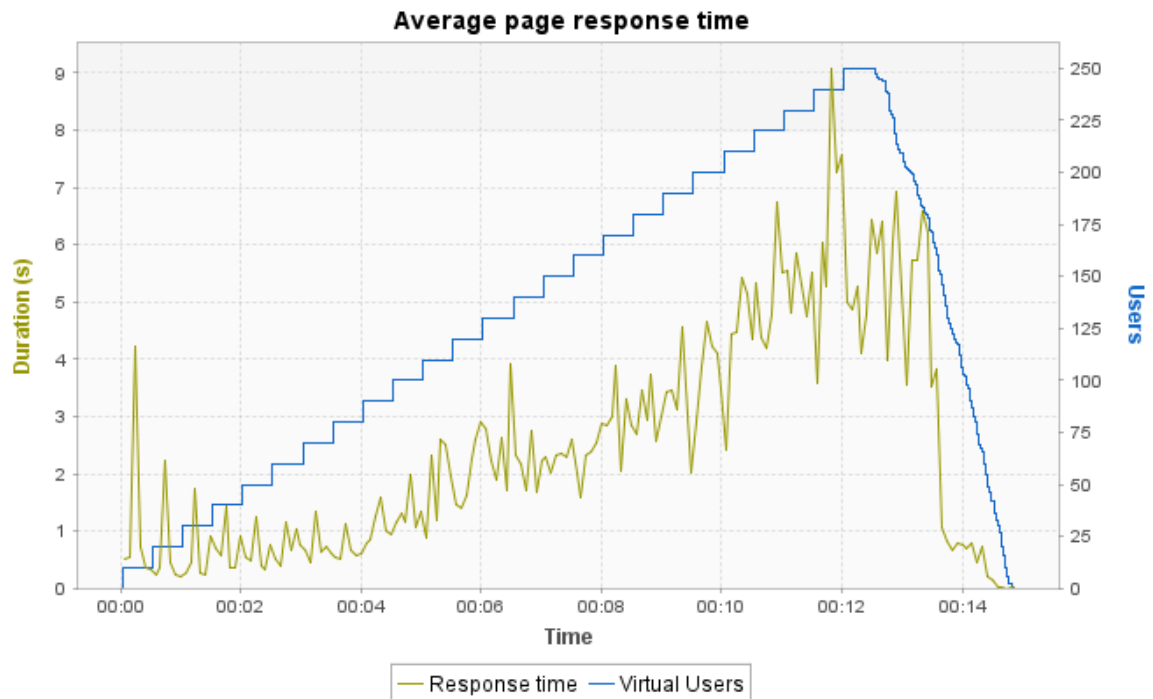
Min	Average	Max
0.004	2.94	9.074

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

Tricentis

Average request response time
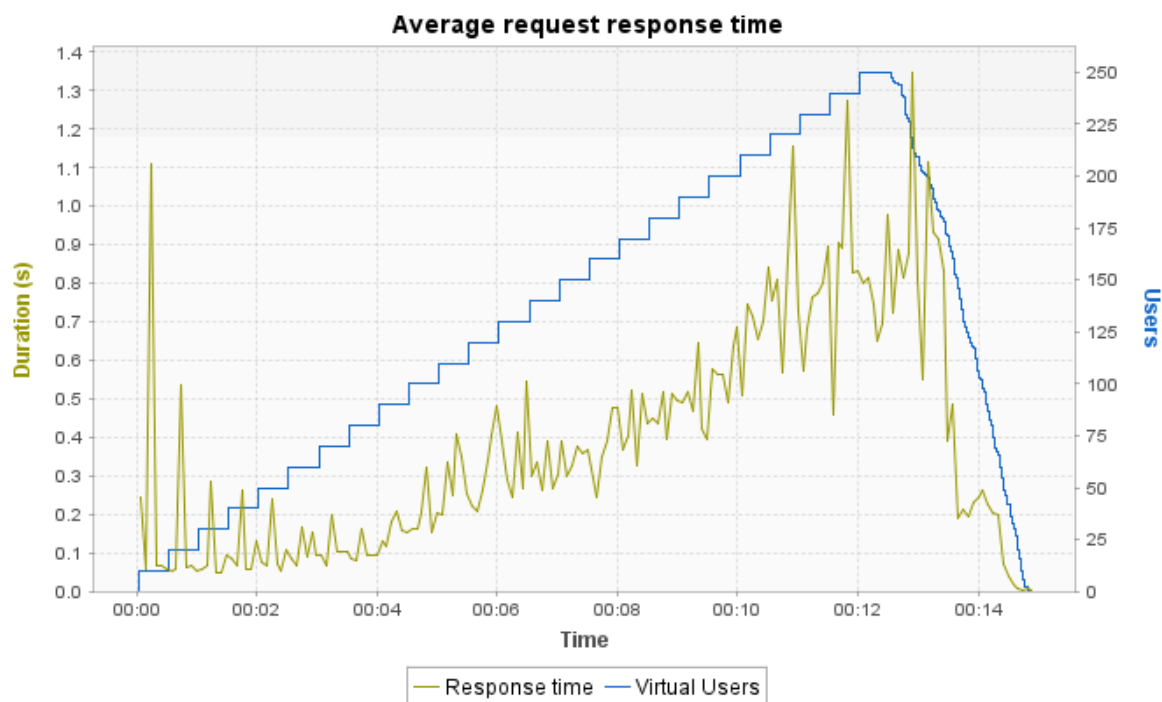
Min	Average	Max
0.003	0.439	1.348

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

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Average response time (Transactions)
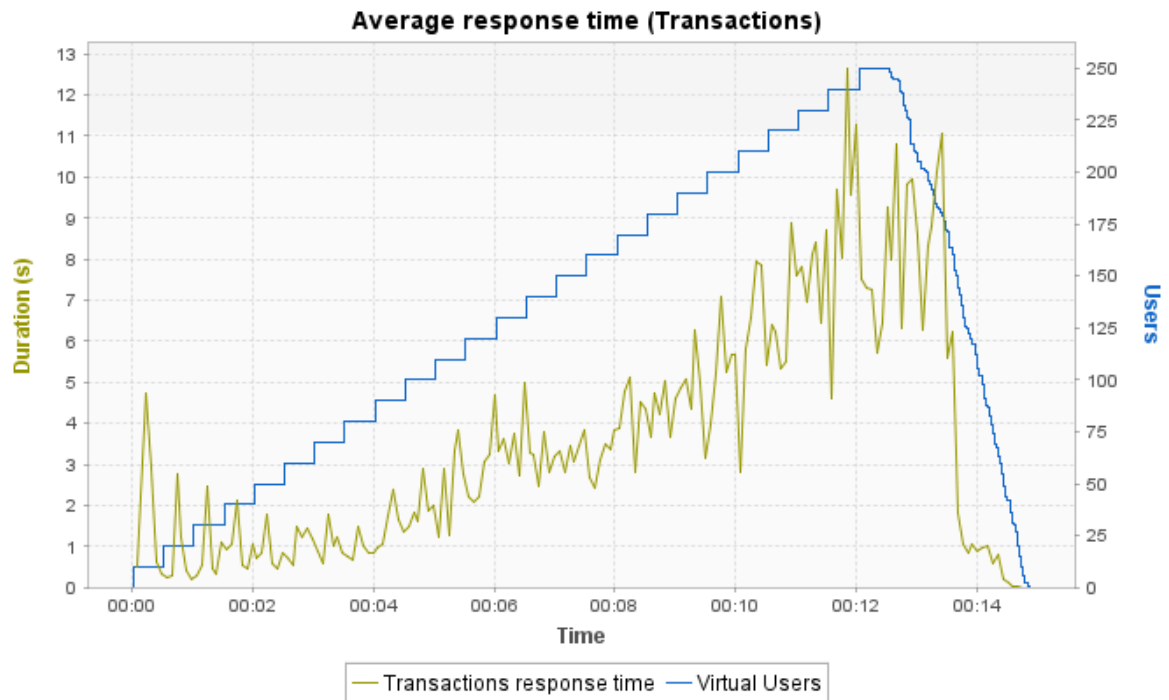
Min	Average	Max	Median	Avg-90%	Std. Dev.
0.004	4.201	12.649	3.649	4.053	2.859

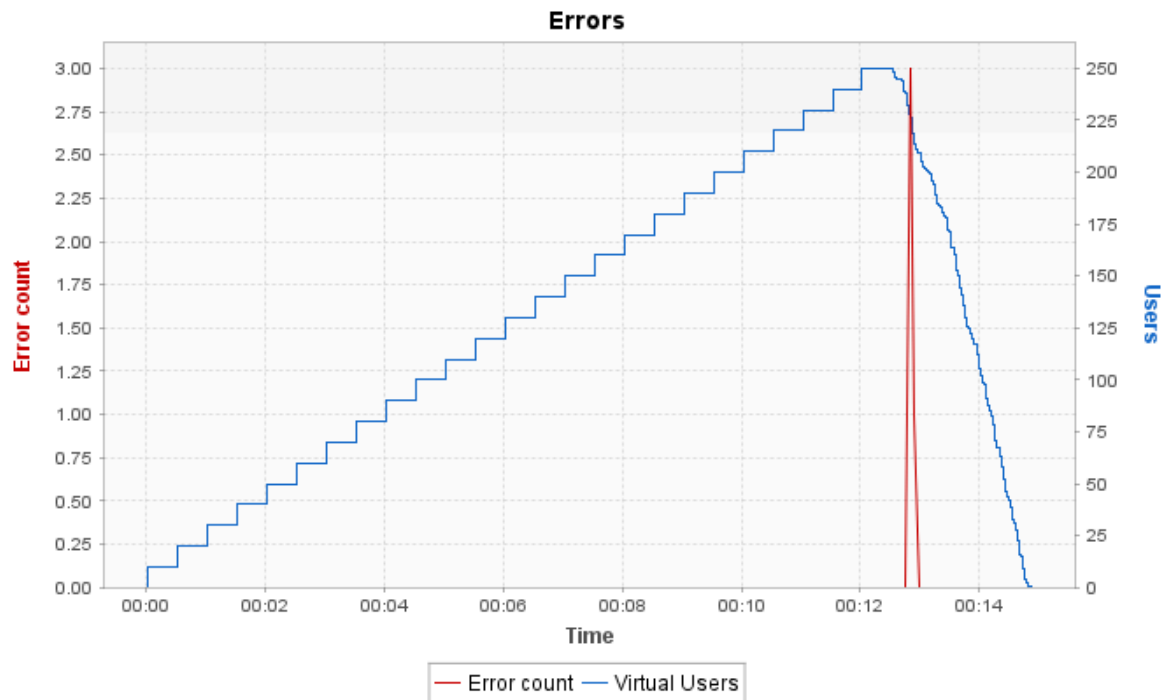**Notes:** Displays the average response time, in seconds, of all Transactions during the test.

Tricentis

Requests per second

Requests per second
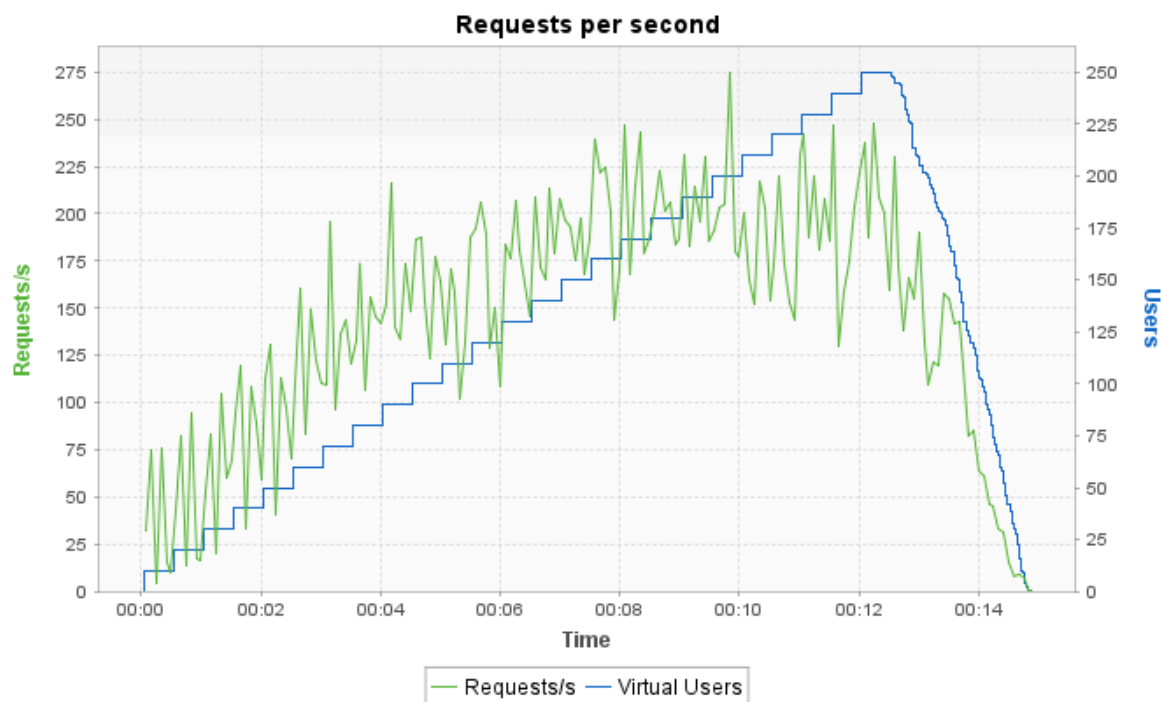
Min	Average	Max
0.6	146.2	274.8

Notes: Displays the number of requests per second.

Errors

Min	Average	Max
0	0	3

Notes: Displays the number of errors per sampling interval.

Throughput
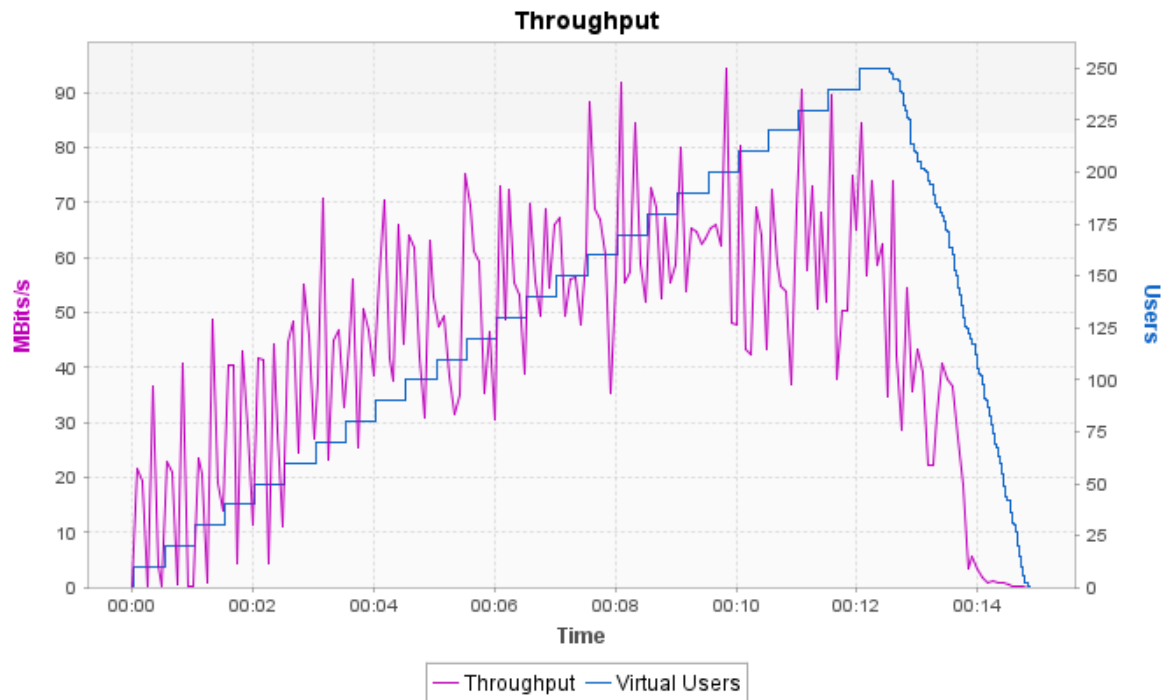
Min	Average	Max
0	44.25	94.34

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

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Response time against load
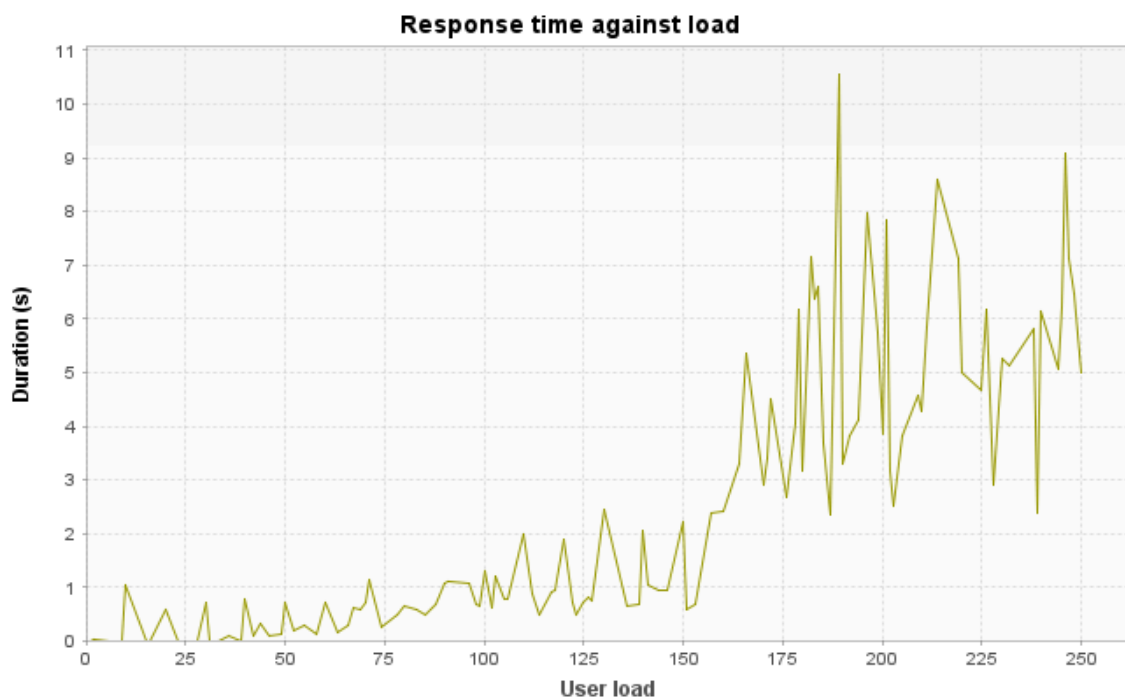
Min	Average	Max
0.004	2.422	10.55

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

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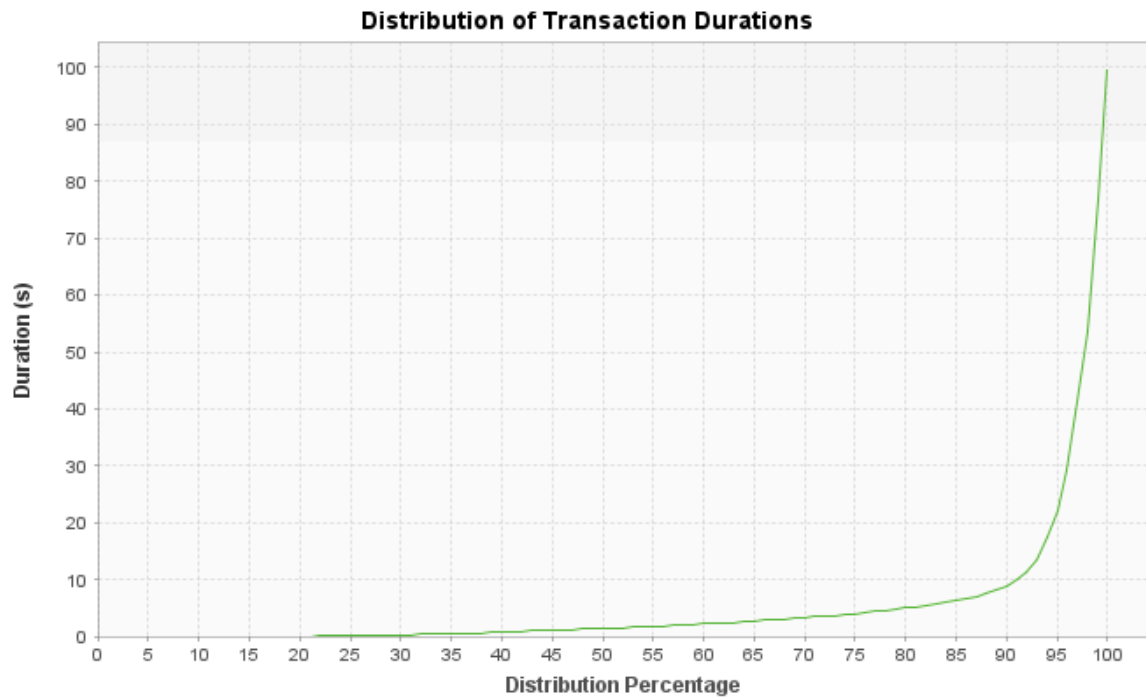
Notes: Displays the percentage of Transactions that were performed within a given time range. This graph helps determine the percentage of Transactions that meet a performance objective. For example, it may show that 90% of the Transactions have a duration under n seconds.

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