

# MVAOAuthTDCLT2



Date	Mar 24, 2020 11:07:38 PM
Project	MF_NSA_CPC_03162020_bkup
Scenario	OAuthLoginLT_250RampUp_1.5kUmax
Comment	250 users ramp up
Notes	MVA NSA CPC LT 03172020 AWS LT2

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## Summary

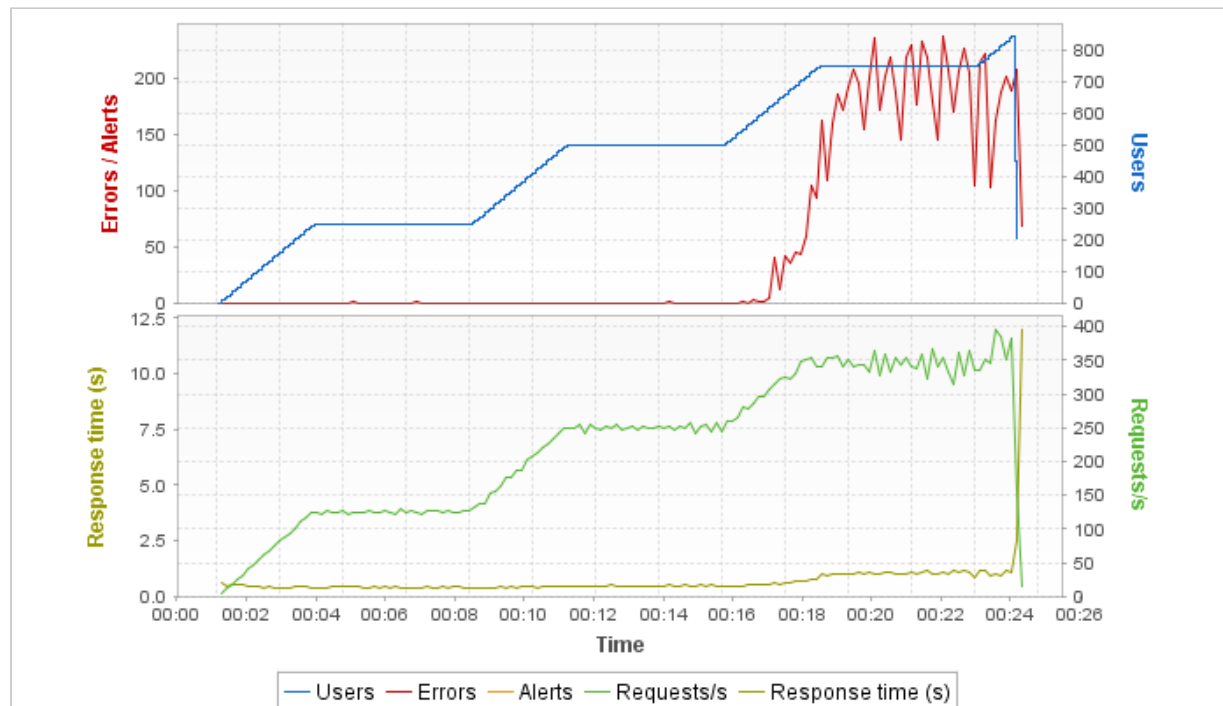
### Results summary

<b>Name</b>	23:07 - 24 Mar 2020 - OAuth LT 3	<b>Project</b>	MF_NSA_CPC_03162020_bkup
<b>Description</b>	250 users ramp up	<b>Scenario</b>	OAuthLoginLT_250RampUp_1.5kUmax
<b>Status</b>	✓ Passed	<b>Load Policy</b>	• The population OAuth_Login is customized
<b>Start date</b>	Mar 24, 2020 11:07:38 PM	<b>Stop Policy</b>	• Population OAuth_Login: immediate.
<b>End date</b>	Mar 24, 2020 11:33:02 PM		
<b>Duration</b>	00:25:24		
<b>Termination reason</b>	Manual action	<b>Filters</b>	None
<b>LG Hosts</b>	35.227.29.62:443	<b>Debug</b>	Disabled
	,		
	35.227.72.135:443		
	,		
	35.231.166.213:443		
	,		
	35.190.140.120:443		
	,		
	35.237.151.215:443		
	,		
	35.237.209.103:443		
	,		
	35.243.220.219:443		
	,		
	35.243.195.103:443		
	,		
	104.196.22.65:443		
	,		
	34.74.195.101:443		
	,		
	35.231.24.161:443		
	,		
	34.73.219.245:443		
	,		
	104.196.187.95:443		
	,		
	34.74.222.184:443		
	,		
	35.237.78.132:443		
	,		
	35.231.120.99:443		
	,		
	35.237.31.58:443		
	,		
	34.74.93.40:443		
	,		
	35.196.194.154:443		
	,		
	35.231.121.26:443		
	,		
	35.229.30.212:443		
	,		
	104.196.198.99:443		
	,		
	34.73.181.115:443		
	,		
	35.227.116.230:443		
	,		
	35.237.104.47:443		
	,		
	34.73.166.227:443		
	,		
	35.196.253.247:443		
	,		
	35.185.30.95:443		
	,		
	34.73.132.155:443		
	,		
	34.74.150.188:443		

### Statistics Summary

Total pages	253657	—	Average pages/s	166.3	—
Total requests	344154	—	Average requests/s	225.7	—
Total users launched	850	—	Average Request response time	0.702 s	—
Total iterations completed	29378	—	Average Page response time	0.933 s	—
Total throughput	18,122 MB	—	Average throughput	95.06 Mb/s	—
Total request errors	7702	—	Error rate	2.2 %	—
Total action errors	0	—	Alerts total duration	0 %	—

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



## Hot spots

### Top 5 errors

User Path	Parent	Page	Count
MF_OAuthLogin	Then	/mobileFirstSS/getAuthorizationCode	7473
MF_OAuthLogin	MF_04_Logout	/mobileFirstSS/signOut	4
MF_OAuthLogin	MF_03_SignIn_EnterPassw/vzauth/UI/Login		4
MF_OAuthLogin	MF_01_OpenApp	/mobileFirstSS/launchApp	4

### Top 5 alerts

No alerts
-----------

### First critical alerts

No alerts
-----------

### Top 5 average response time (Pages)

User Path	Parent	Page	Duration
MF_OAuthLogin	Then	/mobileFirstSS/getAuthorizationCode	4.67
MF_OAuthLogin	MF_01_OpenApp	/mobileFirstSS/launchApp	1.13
MF_OAuthLogin	MF_04_Logout	/mobileFirstSS/signOut	0.728
MF_OAuthLogin	MF_01_OpenApp	/mobileFirstSS/asyncPullMyFeed	0.522
MF_OAuthLogin	MF_02_DataHub_SignIn	/vzauth/oauth2/authorize	0.339

### Top 5 maximum response time (Pages)

User Path	Parent	Page	Duration
MF_OAuthLogin	Then	/mobileFirstSS/getAuthorizationCode	20.2
MF_OAuthLogin	MF_03_SignIn_EnterPassw/vzauth/UI/Login		19
MF_OAuthLogin	MF_01_OpenApp	/mobileFirstSS/asyncPullMyFeed	10.62
MF_OAuthLogin	MF_02_DataHub_SignIn	/vzauth/oauth2/authorize	10.45
MF_OAuthLogin	MF_01_OpenApp	/mobileFirstSS/launchApp	10.43

## Errors

### Request errors

Error Type	Count	Description
Assertions	7,698	Validation of the response failed.
NL-REDIRECT-03	4	NeoLoad could not follow the sendRedirect directive for the previous request. The previous request did not issue a redirection.
Total	7,702	Total error count.

### Action errors

No errors
-----------

## Alerts

No alerts
-----------

## General statistics

Min	Avg	Max	Count	Err	% of Err	SLA Profile
All User Paths						
0.933	284	491.7	850	807	94.9	-
All pages						
0.037	0.932	20.2	253,657	7,485	3	-
All requests						
0	0.701	25.8	344,154	7,702	2.2	-

## Transaction statistics

Min	Avg	Max	Count	Err	% of Err	Perc 50	Perc 95	Perc 99	Std Dev	Avg-90%	SLA Profile
All Transactions											
0.268	2.12	29.2	111,233	7,485	6.7	1.54	10.4	10.81	2.71	1.73	-

## Scenario

### Summary

<b>Name</b>	23:07 - 24 Mar 2020 - OAuth LT 3	<b>Project</b>	MF_NSA_CPC_03162020_bkup
<b>Description</b>	250 users ramp up	<b>Scenario</b>	OAuthLoginLT_250RampUp_1.5kUmax
<b>Status</b>	✓ Passed	<b>Load Policy</b>	<ul style="list-style-type: none"> <li>The population OAuth_Login is customized</li> </ul>
<b>Start date</b>	Mar 24, 2020 11:07:38 PM		
<b>End date</b>	Mar 24, 2020 11:33:02 PM	<b>Stop Policy</b>	<ul style="list-style-type: none"> <li>Population OAuth_Login: immediate.</li> </ul>
<b>Duration</b>	00:25:24		
<b>Termination reason</b>	Manual action	<b>Filters</b>	None
<b>LG Hosts</b>	35.227.29.62:443 , 35.227.72.135:443 , 35.231.166.213:443 , 35.190.140.120:443 , 35.237.151.215:443 , 35.237.209.103:443 , 35.243.220.219:443 , 35.243.195.103:443 , 104.196.22.65:443 , 34.74.195.101:443 , 35.231.24.161:443 , 34.73.219.245:443 , 104.196.187.95:443 , 34.74.222.184:443 , 35.237.78.132:443 , 35.231.120.99:443 , 35.237.31.58:443 , 34.74.93.40:443 , 35.196.194.154:443 , 35.231.121.26:443 , 35.229.30.212:443 , 104.196.198.99:443 , 34.73.181.115:443 , 35.227.116.230:443 , 35.237.104.47:443 , 34.73.166.227:443 , 35.196.253.247:443 , 35.185.30.95:443 , 34.73.132.155:443 ,	<b>Debug</b>	Disabled

	34.74.150.188:443		
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## Populations

### OAuth\_Login

User Path	Percentage	WAN Emulation	Signal strength	Bandwidth #	Latency #	Packet loss % #	Bandwidth #	Latency #	Packet loss % #	Browser	Handle cookies	Connection	Handle cache
MF_OAuthLogin	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
MF_OAuthLogin		Go to the next iteration	Do nothing	0ms	0%

## Rendezvous

Enabled	Name	Policy	Value	Timeout
Empty list				

## Execution context

<b>Name</b>	23:07 - 24 Mar 2020 - OAuth LT 3	<b>Project</b>	MF_NSA_CPC_03162020_bkup
<b>Description</b>	250 users ramp up	<b>Scenario</b>	OAuthLoginLT_250RampUp_1.5kUmax
<b>Status</b>	✓ Passed	<b>Load Policy</b>	<ul style="list-style-type: none"> <li>The population OAuth_Login is customized</li> </ul>
<b>Start date</b>	Mar 24, 2020 11:07:38 PM	<b>Stop Policy</b>	<ul style="list-style-type: none"> <li>Population OAuth_Login: immediate.</li> </ul>
<b>End date</b>	Mar 24, 2020 11:33:02 PM		
<b>Duration</b>	00:25:24	<b>Filters</b>	None
<b>Termination reason</b>	Manual action		
<b>LG Hosts</b>	35.227.29.62:443	<b>Debug</b>	Disabled
	,		
	35.227.72.135:443		
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	34.73.219.245:443		
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	34.74.222.184:443		
	,		
	35.237.78.132:443		
	,		
	35.231.120.99:443		
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	35.237.31.58:443		
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	35.227.116.230:443		
	,		
	35.237.104.47:443		
	,		
	34.73.166.227:443		
	,		
	35.196.253.247:443		
	,		
	35.185.30.95:443		
	,		
	34.73.132.155:443		
	,		
	34.74.150.188:443		



## Application proxy

Name	Description
Empty list	

## Zone application proxies

Zone	Name	Description
Empty list		

## Constant variables

Name	Value	Description
Empty list		

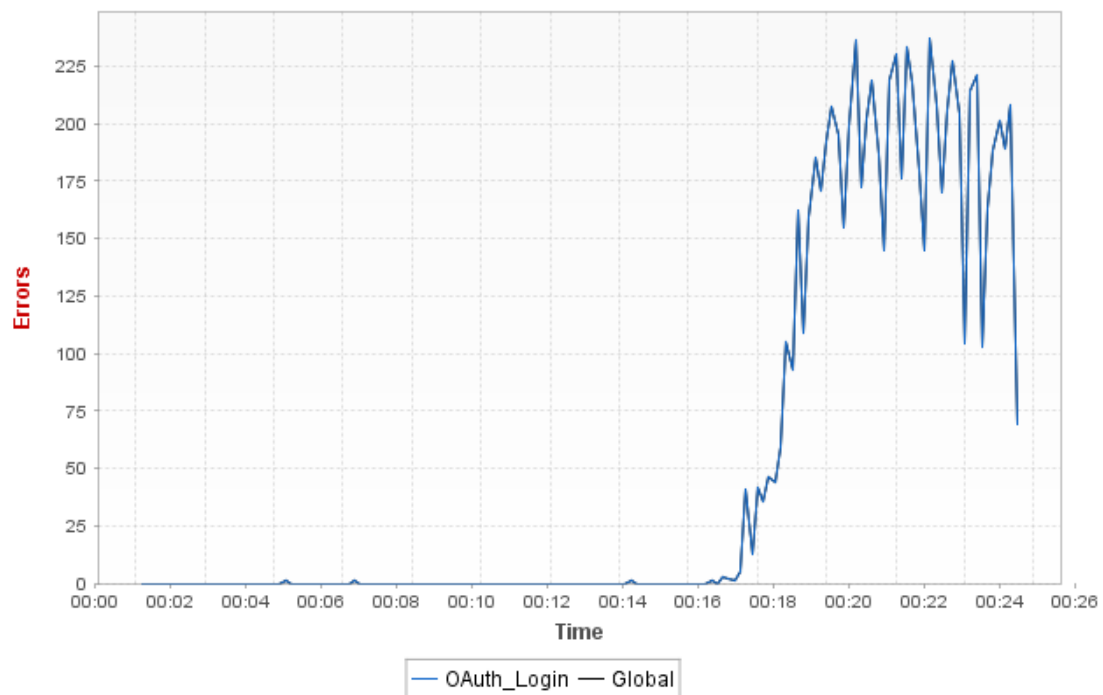
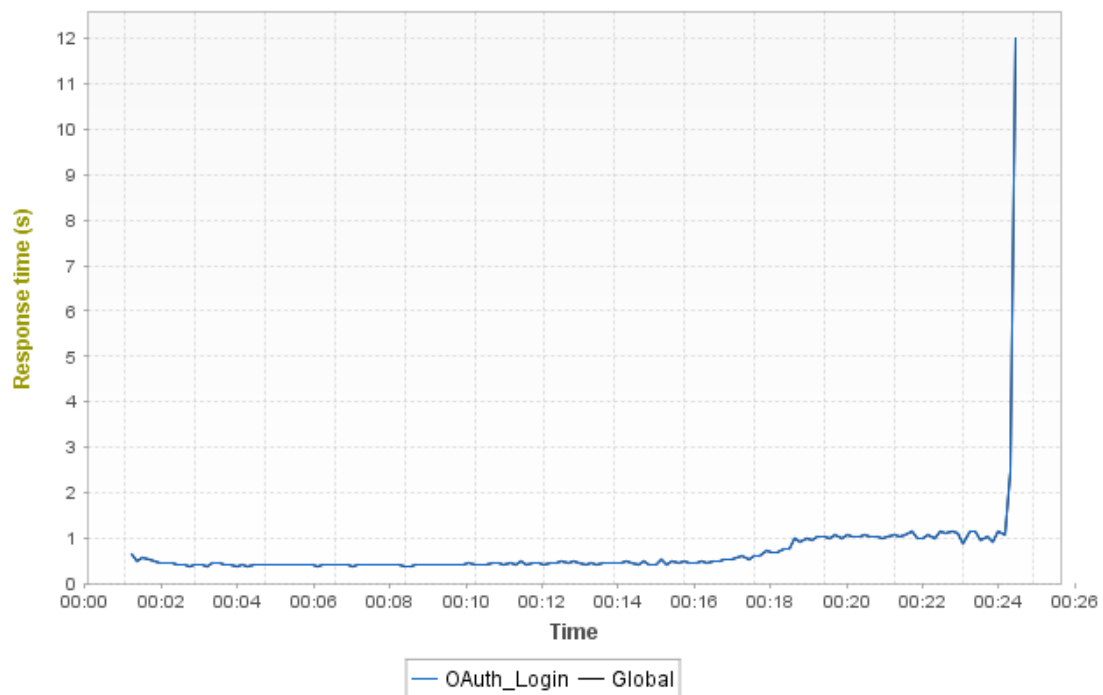
## User Paths settings

<b>MF_OAuthLogin</b>		
Error policy:	Do nothing	
Assertion policy:	Go to the next iteration	
Thinktime policy:	replaced by 0ms.	
Pacing:	No pacing	

### Servers

Host	Port	HTTP/2 ready	HTTP/2 used
twbaccessmgr.verizonwireless.c	443	No	No
login.verizonwireless.com	443	No	No
mobile.vzw.com	443	No	No


## Graphs



## Statistics

Population	Total requests	Average requests/s	Avg. Page res. time	Error rate
OAuth_Login	344154 (100%)	225.7	0.933s (0%)	2.2% (0%)
Global	344154 (100%)	225.7	0.933s	2.2%













### User Paths

Min	Avg	Max	Count	Err	% of Err	SLA Profile
 MF_OAuthLogin						
0.933	284	491.7	850	807	94.9	-

## Shared Containers

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

## MF\_OAuthLogin

Min	Avg	Max	Count	Err	% of Err	Perc 50	Perc 95	Perc 99	Std Dev	Avg-90%	SLA Profile
 MF_OAuthLogin											
0.933	284	491.7	850	807	94.9	-	-	-	-	-	-
 Init											
0	0	0.001	850	0	0	-	-	-	-	-	-
 Actions											
0.463	7.95	38.2	29,378	7,485	25.5	-	-	-	-	-	-
 MF_01_OpenApp											
0.463	1.93	12.4	30,070	4	0	1.84	2.57	3.38	0.484	1.89	-
 Then											
-	-	-	-	0	-	-	-	-	-	-	-
 Else											
0	0	0.001	30,163	0	0	-	-	-	-	-	-
 MF_02_DataHub_SignIn											
0.322	0.461	10.55	29,824	0	0	0.418	0.602	1.06	0.384	0.425	-
 MF_03_SignIn_EnterPassword											
0.268	4.92	29.2	29,438	7,477	25.4	2.5	10.67	12.4	3.94	4.73	-
 Then											
0.085	4.67	20.2	29,458	7,473	25.4	-	-	-	-	-	-
 Else											
0	0	0	4	0	0	-	-	-	-	-	-
 MF_04_Logout											
0.538	0.878	4.94	21,901	4	0	0.803	1.36	2.16	0.293	0.84	-
 End											
0	0	0.001	850	0	0	-	-	-	-	-	-

### Shared Containers

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

















### MF\_OAuthLogin

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

## Shared Containers

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

## MF\_OAuthLogin

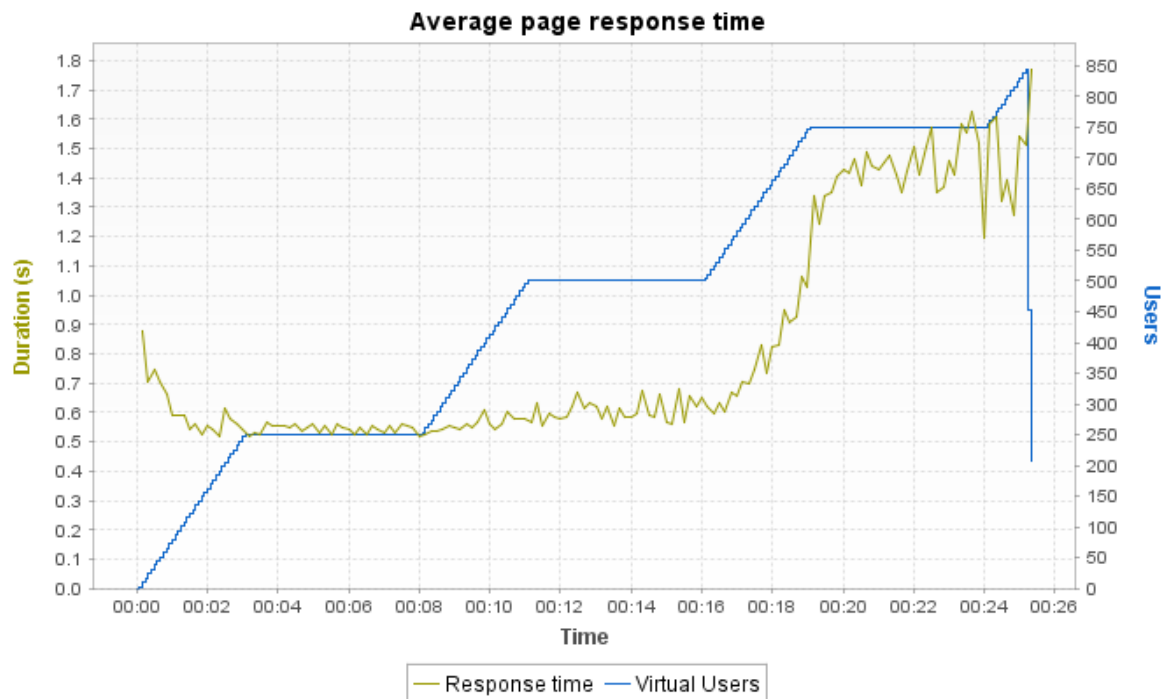
Min	Avg	Max	Count	Err	% of Err	SLA Profile
 MF_OAuthLogin						
0.933	284	491.7	850	807	94.9	-
 Actions						
0.463	7.95	38.2	29,378	7,485	25.5	-
 MF_01_OpenApp						
0.463	1.93	12.4	30,070	4	0	-
 /mobileFirstSS/launchApp						
0.463	1.13	10.43	30,169	4	0	-
 /mobileFirstSS/asyncPullMyFeed						
0.35	0.522	10.62	30,100	0	0	-
 /mobileFirstSS/loadCart						
0.219	0.28	3.88	30,097	0	0	-
 MF_02_DataHub_SignIn						
0.322	0.461	10.55	29,824	0	0	-
 /mobileFirstSS/myData						
0.073	0.122	3.75	30,060	0	0	-
 /vzauth/oauth2/authorize						
0.238	0.339	10.45	30,054	0	0	-
 MF_03_SignIn_EnterPassword						
0.268	4.92	29.2	29,438	7,477	25.4	-
 /vzauth/UI/Login						
0.169	0.247	19	29,814	4	0	-
 Then						
0.085	4.67	20.2	29,458	7,473	25.4	-
 /mobileFirstSS/getAuthorizationCode						
0.085	4.67	20.2	29,458	7,473	25.4	-
 MF_04_Logout						
0.538	0.878	4.94	21,901	4	0	-
 /mobileFirstSS/invalidateSession						
0.037	0.151	3.87	21,959	0	0	-
 /mobileFirstSS/signOut						
0.456	0.728	4.76	21,946	4	0	-

## MF\_OAuthLogin

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



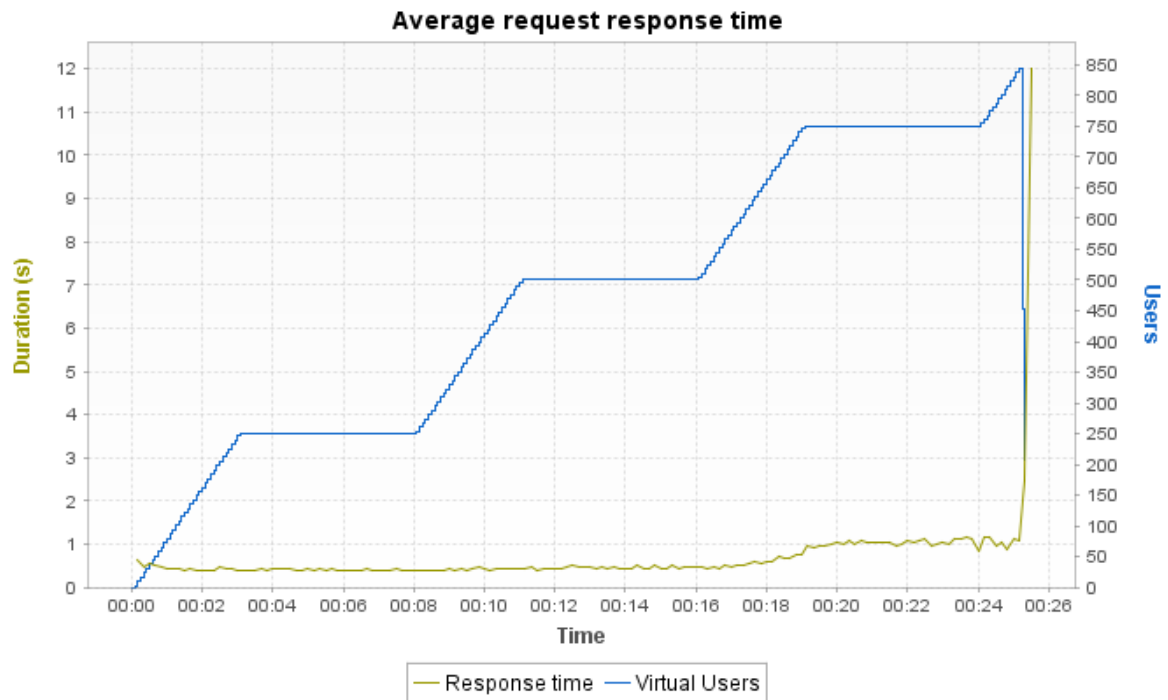
## Average page response time



Min	Average	Max
0.516	0.933	1.77

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

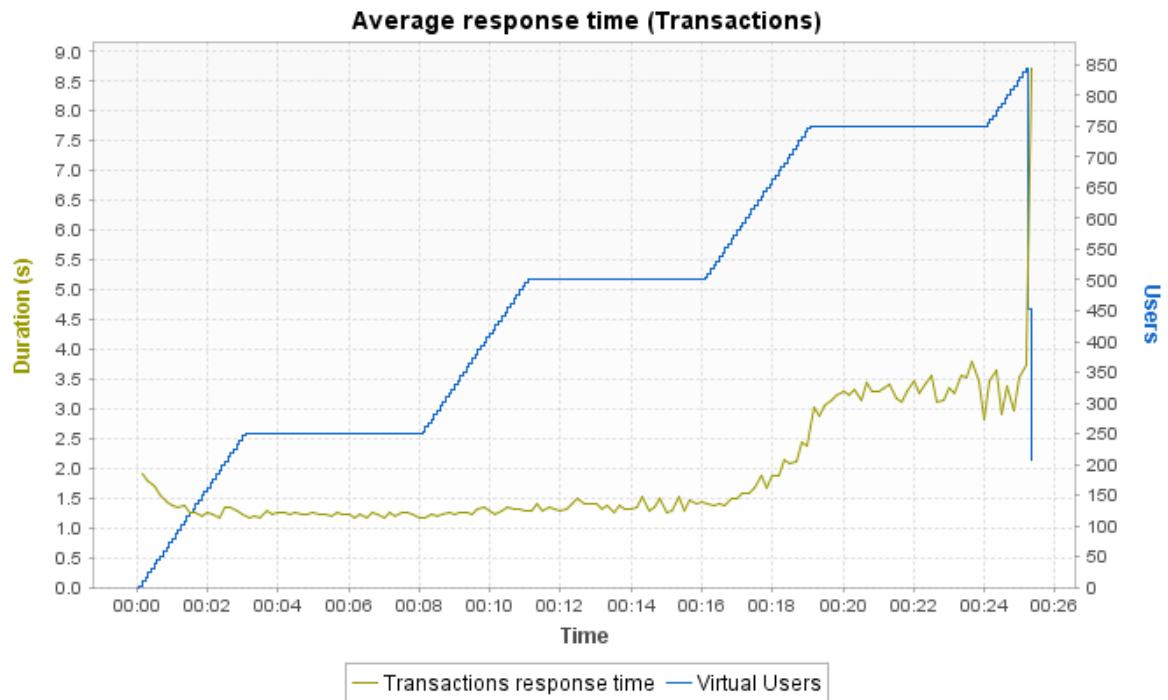
## Average request response time



Min	Average	Max
0.385	0.7	12.006

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

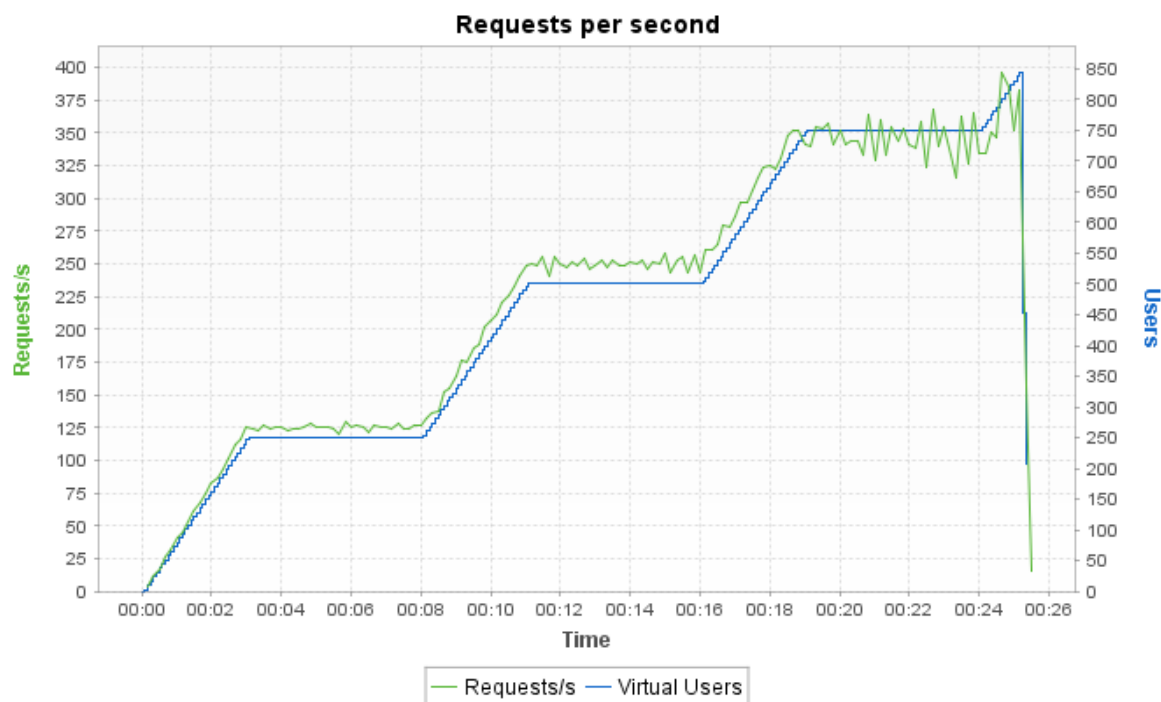
## Average response time (Transactions)



Min	Average	Max	Median	Avg-90%	Std. Dev.
1.163	2.122	8.716	1.504	2.081	0.967

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

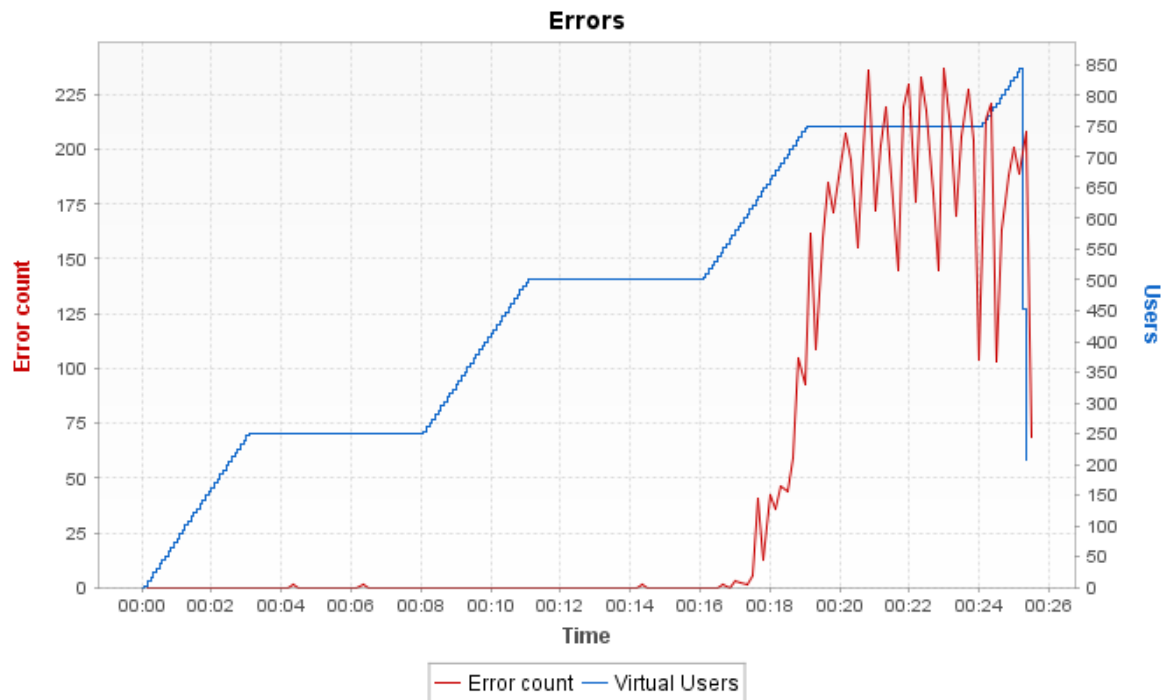
## Requests per second



Min	Average	Max
4.1	224.9	396.1

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

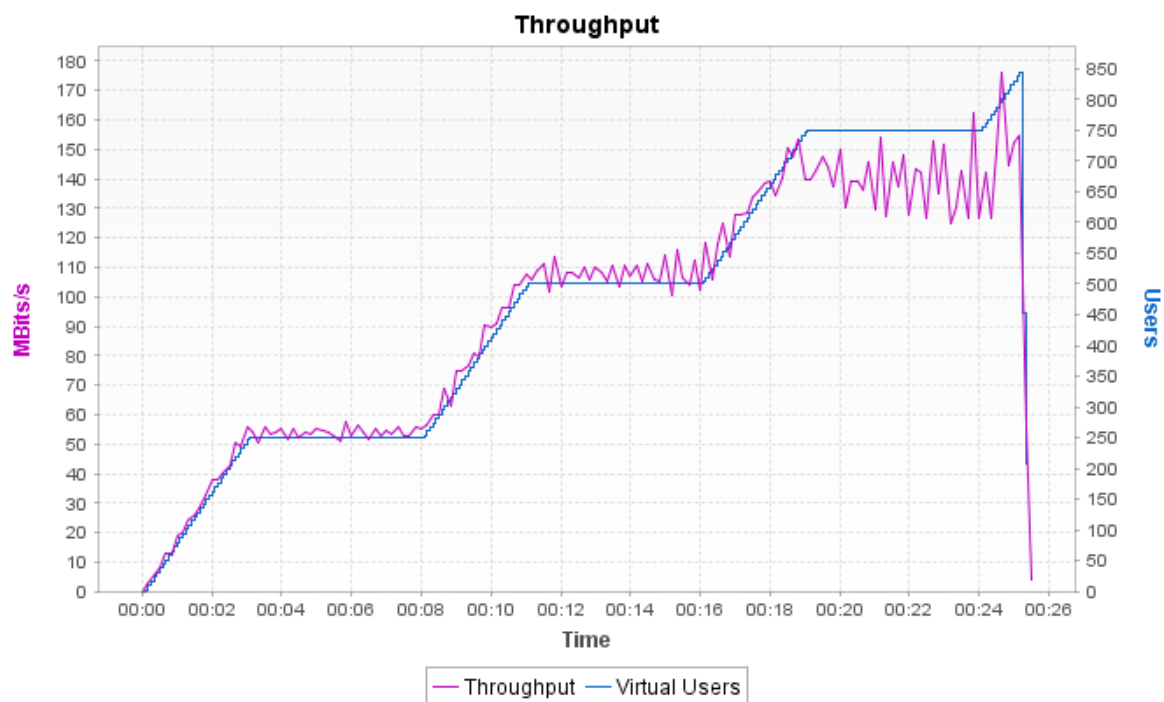
## Errors



Min	Average	Max
0	50.3	237

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

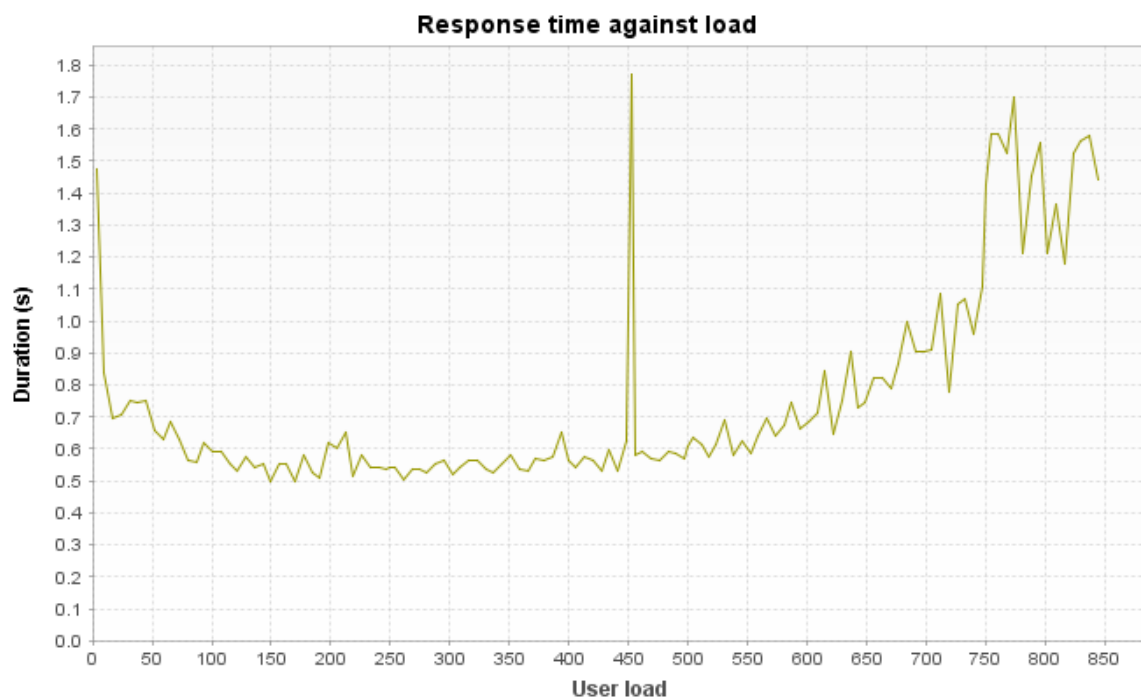
## Throughput



Min	Average	Max
0	94.14	176.1

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

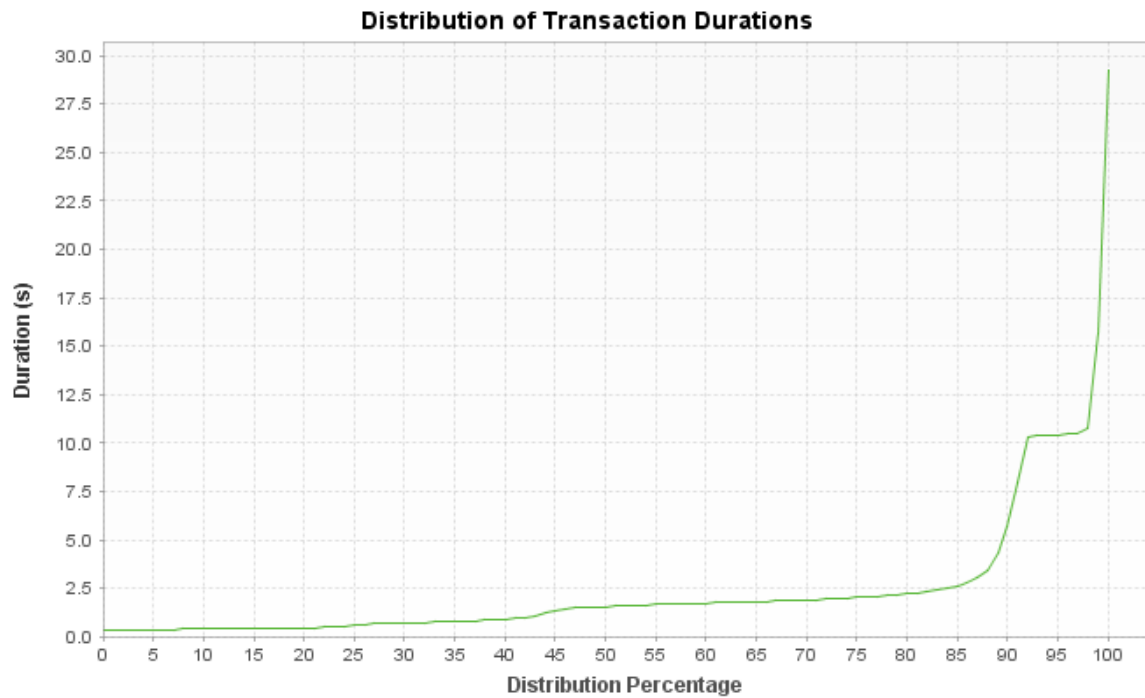
## Response time against load



Min	Average	Max
0.497	0.759	1.77

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

## Distribution of Transaction Durations

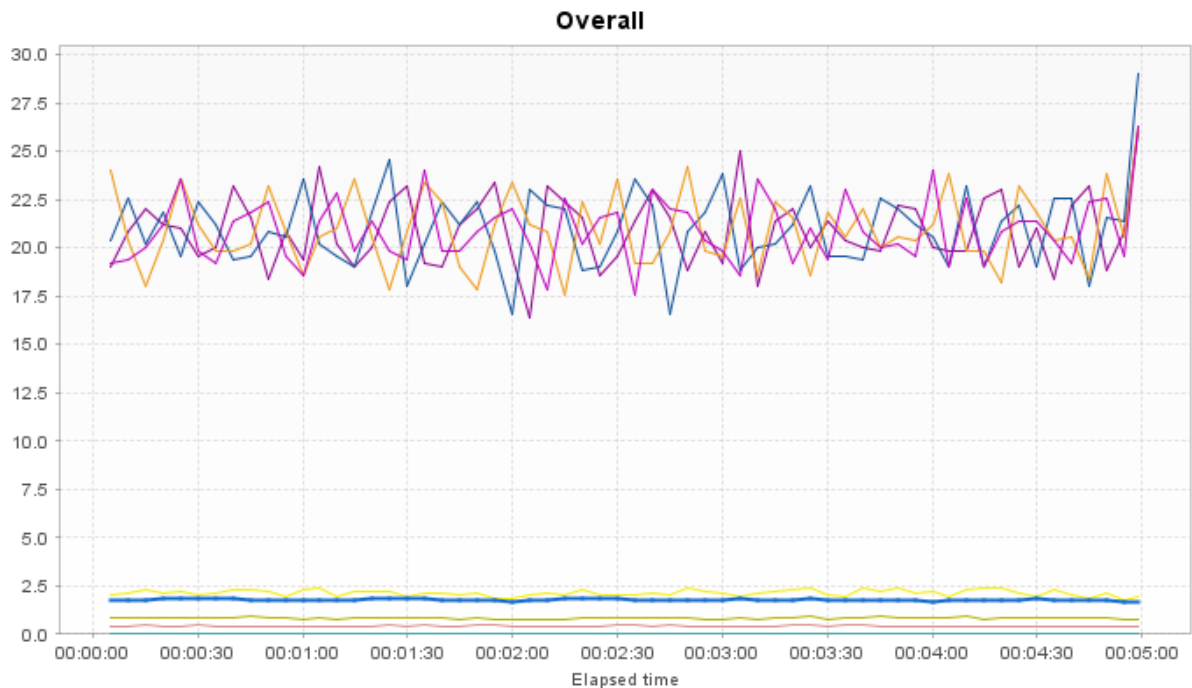


**Notes:** Displays the percentage of Transactions that were performed within a given time range. This graph helps determine the percentage of Transactions that meet a performance objective. For example, it may show that 90% of the Transactions have a duration under n seconds.



## Notes:

## Overall



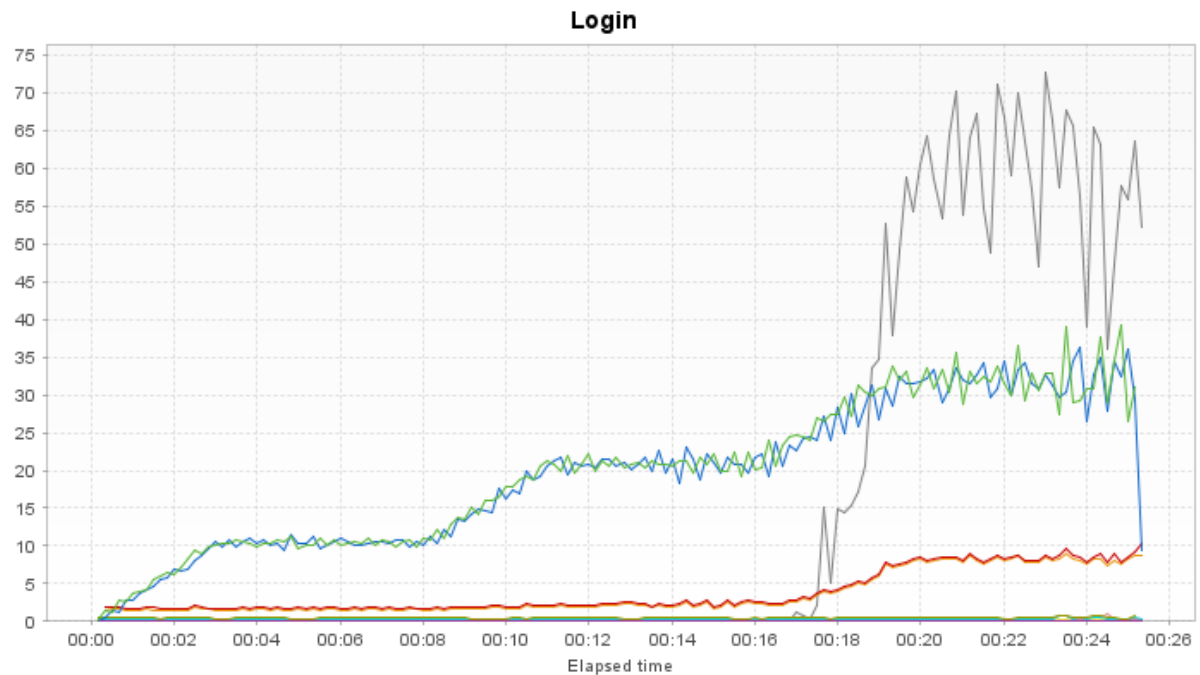
**Scale 1 Test** 22:20 - 24 Mar 2020 - OAu...tSteady\_500users

Color	Name	Unit	Statistic	Avg
<span style="color: blue;">■</span>	MF_01_OpenApp - Average duration	s	Average duration	1.774
<span style="color: magenta;">■</span>	MF_01_OpenApp - Elements/s	/s	Elements/s	20.894
<span style="color: cyan;">■</span>	MF_01_OpenApp - Error rate	%	Error rate	0
<span style="color: red;">■</span>	MF_02_DataHub_SignIn - Average duration	s	Average duration	0.427
<span style="color: orange;">■</span>	MF_02_DataHub_SignIn - Elements/s	/s	Elements/s	20.954
<span style="color: grey;">■</span>	MF_02_DataHub_SignIn - Error rate	%	Error rate	0
<span style="color: yellow;">■</span>	MF_03_SignIn_EnterPassword - Average d...	s	Average duration	2.128
<span style="color: darkblue;">■</span>	MF_03_SignIn_EnterPassword - Elements/s	/s	Elements/s	21
<span style="color: green;">■</span>	MF_03_SignIn_EnterPassword - Error rate	%	Error rate	0
<span style="color: olive;">■</span>	MF_04_Logout - Average duration	s	Average duration	0.831
<span style="color: purple;">■</span>	MF_04_Logout - Elements/s	/s	Elements/s	20.897
<span style="color: teal;">■</span>	MF_04_Logout - Error rate	%	Error rate	0

Name	Min	Average	Max
MF_01_OpenApp - Average duration	1.64	1.77	1.89
MF_01_OpenApp - Elements/s	17.6	20.89	26.25
MF_01_OpenApp - Error rate	0	0	0
MF_02_DataHub_SignIn - Average duration	0.38	0.43	0.48
MF_02_DataHub_SignIn - Elements/s	17.6	20.95	26.25
MF_02_DataHub_SignIn - Error rate	0	0	0
MF_03_SignIn_EnterPassword - Average duration	1.79	2.13	2.42
MF_03_SignIn_EnterPassword - Elements/s	16.6	21	29
MF_03_SignIn_EnterPassword - Error rate	0	0	0

Name	Min	Average	Max
MF_04_Logout - Average duration	0.76	0.83	0.95
MF_04_Logout - Elements/s	16.4	20.9	26
MF_04_Logout - Error rate	0	0	0

## Login

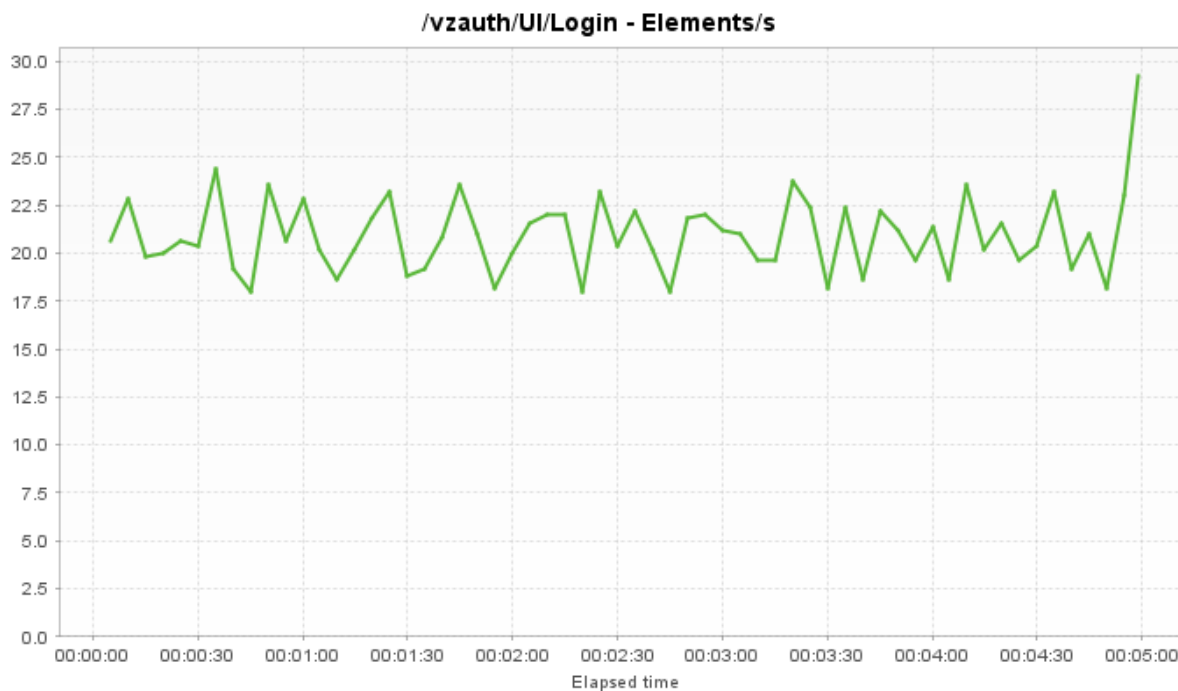


**Scale 1 Test** 23:07 - 24 Mar 2020 - OAuth LT 3

Color	Name	Unit	Statistic	Avg
	MF_02_DataHub_SignIn - Elements/s	/s	Elements/s	19.751
	MF_03_SignIn_EnterPassword - Elements/s	/s	Elements/s	19.367
	MF_02_DataHub_SignIn - Average duration	s	Average duration	0.452
	MF_03_SignIn_EnterPassword - Average duration	s	Average duration	3.83
	/mobileFirstSS/myData - Average duration	s	Average duration	0.12
	/vzauth/oauth2/authorize - Average duration	s	Average duration	0.331
	/vzauth/UI/Login - Average duration	s	Average duration	0.24
	/mobileFirstSS/getAuthorizationCode - Average duration	s	Average duration	3.582
	/mobileFirstSS/getAuthorizationCode - Error rate	%	Error rate	15.719
	MF_02_DataHub_SignIn - Error rate	%	Error rate	0

Name	Min	Average	Max
MF_02_DataHub_SignIn - Elements/s	0.4	19.75	39.2
MF_03_SignIn_EnterPassword - Elements/s	0	19.37	36.2
MF_02_DataHub_SignIn - Average duration	0.39	0.45	0.84
MF_03_SignIn_EnterPassword - Average duration	1.63	3.83	10.43
/mobileFirstSS/myData - Average duration	0.09	0.12	0.16
/vzauth/oauth2/authorize - Average duration	0.28	0.33	0.71
/vzauth/UI/Login - Average duration	0.2	0.24	1.07
/mobileFirstSS/getAuthorizationCode - Average duration	1.4	3.58	8.99
/mobileFirstSS/getAuthorizationCode - Error rate	0	15.72	72.7
MF_02_DataHub_SignIn - Error rate	0	0	0

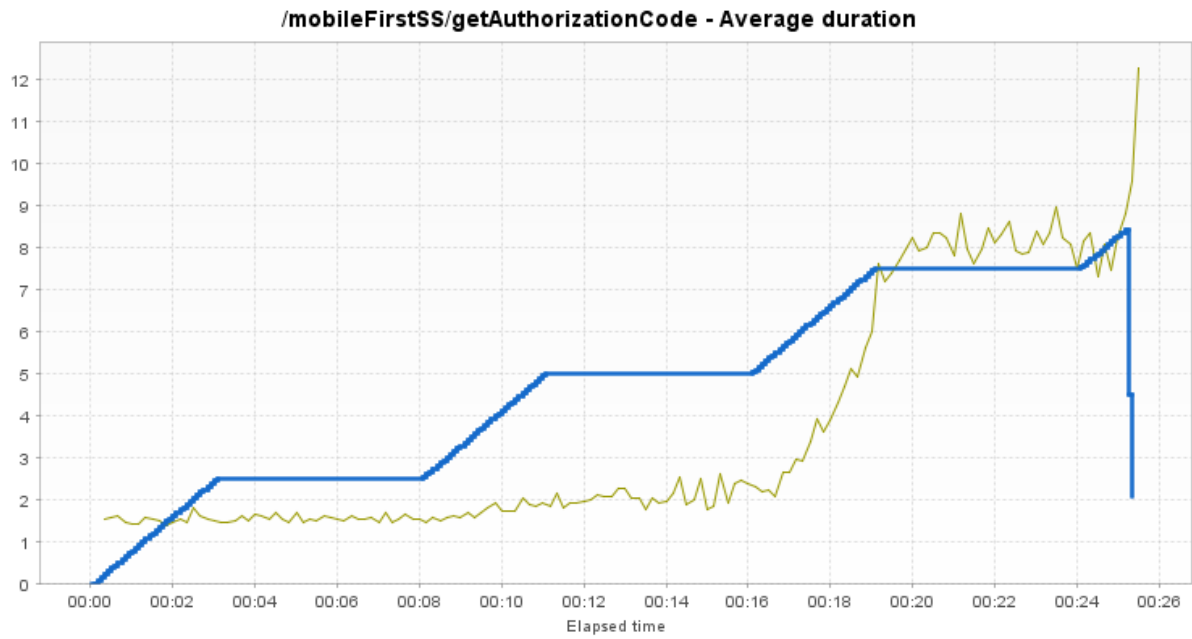
## /vzauth/UI/Login - Elements/s



**Scale** 1      **Test** 22:20 - 24 Mar 2020 - OAu...tSteady\_500users  
**Name** /vzauth/UI/Login - Elements/s      **Unit** /s  
**Statistic** Elements/s      **Avg** 20.980833498636883

Name	Min	Average	Max
/vzauth/UI/Login - Elements/s	18	20.98	29.25

## /mobileFirstSS/getAuthorizationCode - Average duration



**Test** 23:07 - 24 Mar 2020 - OAuth LT 3

Color	Scale	Name	Unit	Statistic	Avg
	1	/mobileFirstSS/getAuthorizationCode - Av...	s	Average duration	3.644
	0.01	Controller/User Load		-	420.773

Name	Min	Average	Max
/mobileFirstSS/ getAuthorizationCode - Average duration	1.4	3.64	12.28
Controller/User Load	0	420.77	844