

JMETER REPORT

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1. Auditor

1.1 Self-assign a position to audit it

Descripción del ordenador que ha realizado el caso de uso:

MacBook Pro:

- Procesador: 2,3GHz Intel Core i5
- Memoria RAM: 8 GB 2133 MHz LPDDR3

Caso Positivo: El sistema, en este caso, es capaz de soportar 190 clientes.

Thread Group

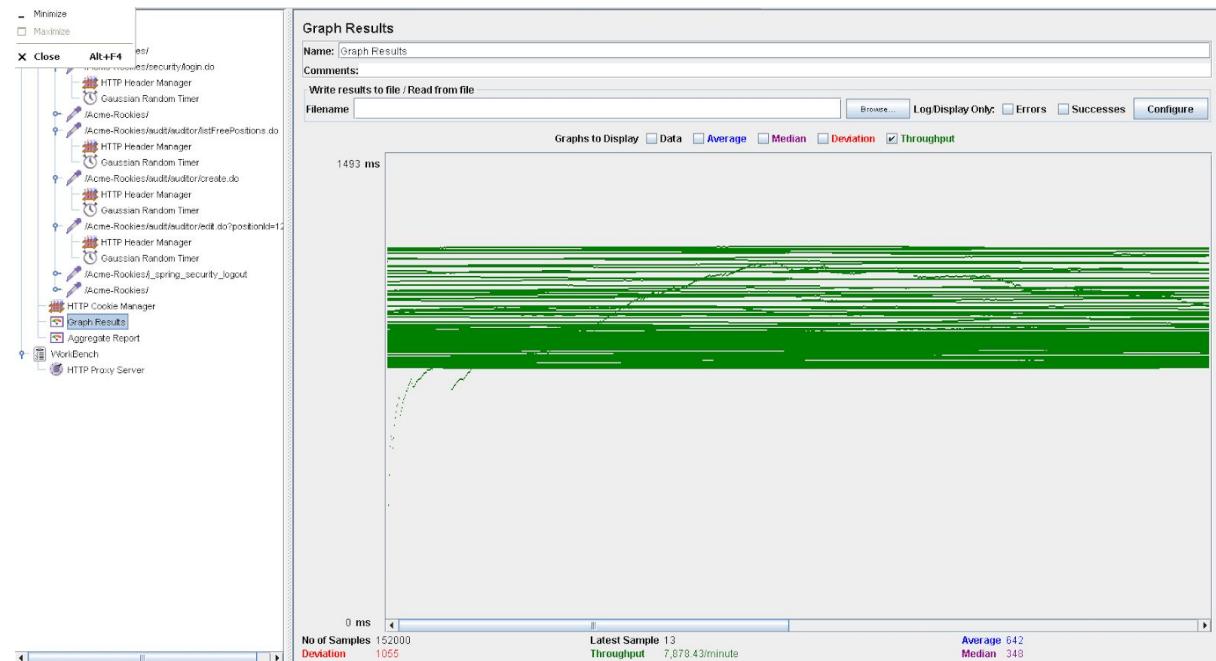
The screenshot shows the JMeter Test Plan interface. On the left, there is a tree view of the test plan with nodes like 'Test1', 'Thread Group', and various sampler and timer components under 'Acme-Rockies/'. On the right, a detailed configuration window for a 'Thread Group' is open. It includes fields for 'Name: Thread Group', 'Comments: Action to be taken after a Sampler error', and 'Thread Properties' such as 'Number of Threads (users): 190', 'Ramp-Up Period (in seconds): 1', and 'Loop Count: Forever'. There are also checkboxes for 'Delay Thread creation until needed' and 'Scheduler'.

Report

The screenshot shows the JMeter Aggregate Report interface. On the left, the same tree view of the test plan is visible. On the right, an 'Aggregate Report' table is displayed. The table has columns for 'Label', '# Samples', 'Average', 'Median', '90% Line', 'Min', 'Max', 'Error %', 'Throughput', and 'KB/sec'. The data shows results for various requests like 'Acme-Rockies/_security_login.do' and 'Acme-Rockies/_audit/auditor/edit.do?positionId=12'. A summary row 'TOTAL' shows 152000 samples with an average of 642 ms and a throughput of 131.3/sec.

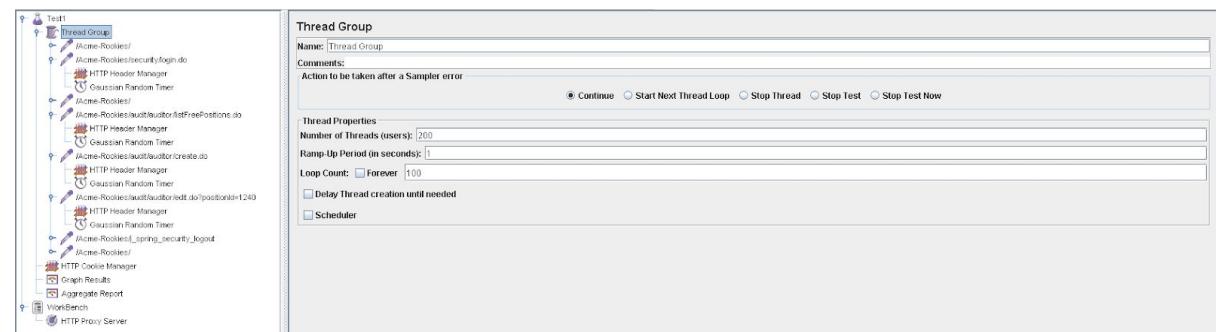
Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
Acme-Rockies/_security_login.do	67000	689	345	1609	3	26663	0.00%	49.3/sec	238.5
Acme-Rockies/_audit/auditor/create.do	19000	612	252	1250	2	16797	0.00%	18.5/sec	82.5
Acme-Rockies/_audit/auditor/listFreePositions.do	19000	628	343	1368	4	22258	0.00%	18.5/sec	86.4
Acme-Rockies/_audit/auditor/create.do	19000	641	342	1363	3	17792	0.00%	18.5/sec	86.4
Acme-Rockies/_audit/auditor/edit.do?positionId=12	19000	648	350	1421	3	18827	0.00%	18.5/sec	86.4
Acme-Rockies/_spring_security_logout	19000	544	356	987	2	17488	0.00%	18.5/sec	83.5
TOTAL	152000	642	348	1365	2	22258	0.00%	131.3/sec	662.5

Graph

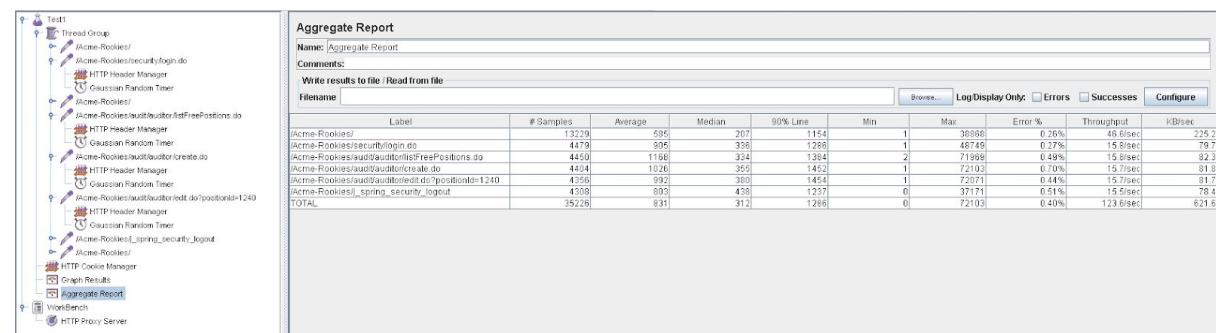


Caso Negativo: El sistema, en este caso, no es capaz de soportar 200 clientes, ya que hay % de error en una request cuando hace su acción indicada.

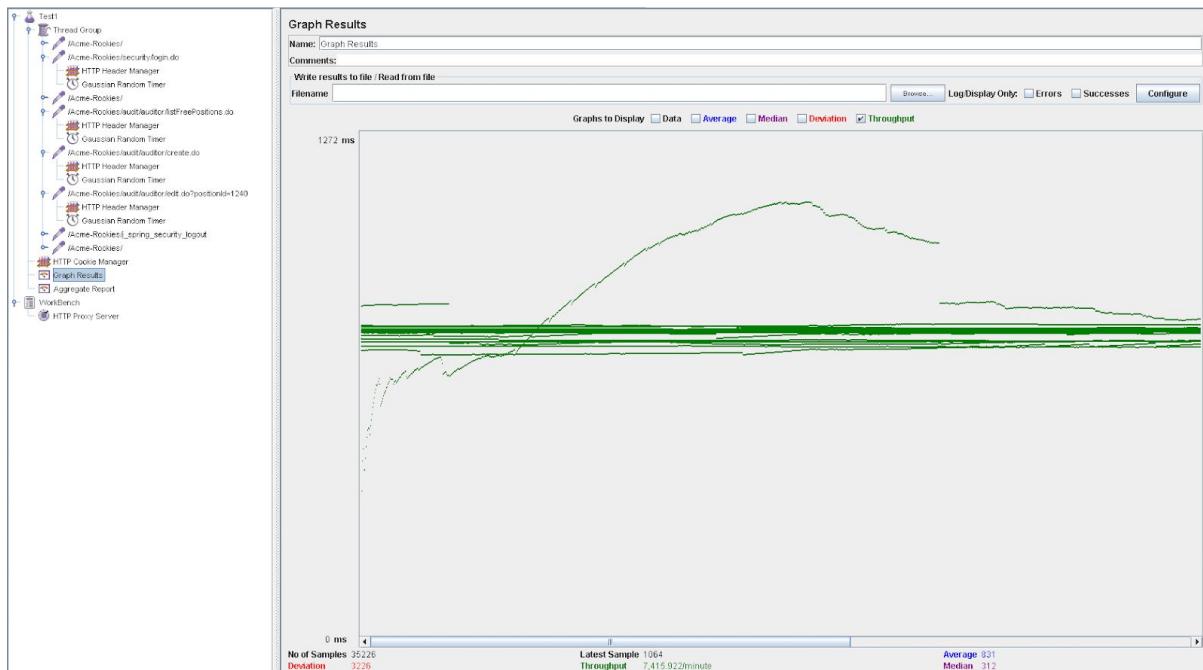
Thread Group



Report



Graph



1.2 Manage his or her audits, which includes

1.2.1 Listing

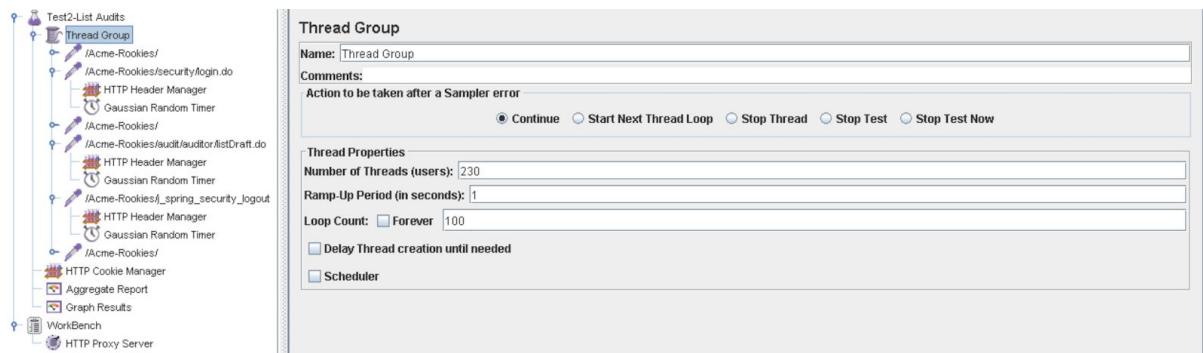
Descripción del ordenador que ha realizado el caso de uso:

MacBook Pro:

- Procesador: 2,3GHz Intel Core i5
- Memoria RAM: 8 GB 2133 MHz LPDDR3

Caso Positivo: El sistema, en este caso, es capaz de soportar 230 clientes.

Thread Group



Report

Test2-List Audits

- Thread Group
 - /Acme-Rookies/
 - /Acme-Rookies/security/login.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/
 - /Acme-Rookies/audit/auditor/listDraft.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/_spring_security_logout
 - HTTP Header Manager
 - Gaussian Random Timer
- HTTP Cookie Manager
- Aggregate Report
- Graph Results

WorkBench

HTTP Proxy Server

Aggregate Report

Name: Aggregate Report

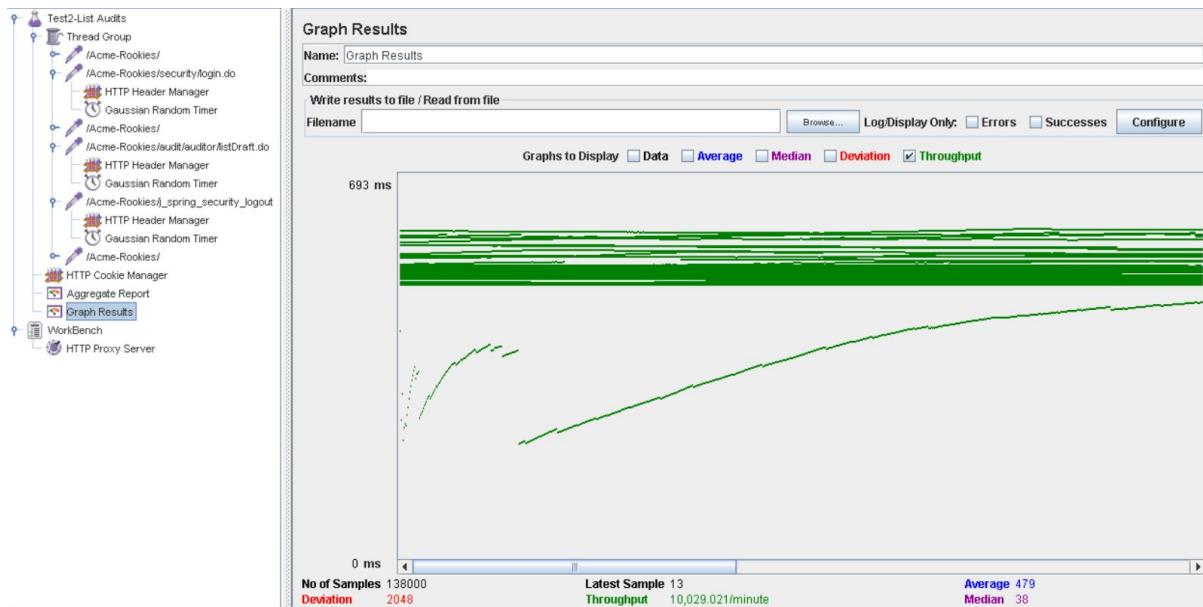
Comments:

Write results to file / Read from file

Filename [] Browse... Log/Display Only: Errors Successes Configure

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/Acme-Rookies/	69000	398	31	674	3	31135	0.00%	83.6/sec	404.5
/Acme-Rookies/security/login.do	23000	364	37	550	3	31083	0.00%	28.0/sec	141.6
/Acme-Rookies/audit/auditor/listDraft.do	23000	598	46	678	1	37997	0.00%	28.0/sec	146.6
/Acme-Rookies/_spring_security_logout	23000	721	52	764	3	37849	0.00%	28.0/sec	141.7
TOTAL	138000	479	38	666	1	37997	0.00%	167.2/sec	831.8

Graph



Caso Negativo: El sistema, en este caso, no es capaz de soportar 240 clientes, ya que hay % de error en una request cuando hace su acción indicada.

Thread Group

Test2-List Audits

- Thread Group
 - /Acme-Rookies/
 - /Acme-Rookies/security/login.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/
 - /Acme-Rookies/audit/auditor/listDraft.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/_spring_security_logout
 - HTTP Header Manager
 - Gaussian Random Timer
- HTTP Cookie Manager
- Aggregate Report
- Graph Results

WorkBench

HTTP Proxy Server

Thread Group

Name: Thread Group

Comments:

Action to be taken after a Sampler error:
 Continue Start Next Thread Loop Stop Thread Stop Test Stop Test Now

Thread Properties

Number of Threads (users): 240

Ramp-Up Period (in seconds): 1

Loop Count: Forever 100

Delay Thread creation until needed

Scheduler

Report

Test2-List Audits

- Thread Group
 - /Acme-Rookies/
 - /Acme-Rookies/security/login.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/audit/auditor/listDraft.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/_spring_security_logout
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/
 - HTTP Cookie Manager
 - Aggregate Report
 - Graph Results

WorkBench

HTTP Proxy Server

Aggregate Report

Name: Aggregate Report

Comments:

Write results to file / Read from file

Filename Browse... Log/Display Only Errors Successes Configure

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/Acme-Rookies/	72000	341	27	198	1	10489	0.01%	87.1/sec	421.5
/Acme-Rookies/security/login.do	24000	269	23	159	1	10324	0.00%	29.2/sec	147.7
/Acme-Rookies/audit/auditor/listDraft.do	24000	490	28	181	1	16712	0.01%	29.2/sec	152.6
/Acme-Rookies/_spring_security_logout	24000	690	35	600	1	16493	0.01%	29.2/sec	147.5
TOTAL	144000	412	28	203	1	16712	0.01%	174.3/sec	866.6

Graph

Test2-List Audits

- Thread Group
 - /Acme-Rookies/
 - /Acme-Rookies/security/login.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/audit/auditor/listDraft.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/_spring_security_logout
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/
 - HTTP Cookie Manager
 - Aggregate Report
 - Graph Results

WorkBench

HTTP Proxy Server

Graph Results

Name: Graph Results

Comments:

Write results to file / Read from file

Filename Browse... Log/Display Only Errors Successes Configure

Graphs to Display Data Average Median Deviation Throughput

0 ms 222 ms

No of Samples 144000 Deviation 1490 Latest Sample 13 Throughput 10,455.53/minute Average 412 Median 28

1.2.2 Showing

Descripción del ordenador que ha realizado el caso de uso:

MacBook Pro:

- Procesador: 2,3GHz Intel Core i5
- Memoria RAM: 8 GB 2133 MHz LPDDR3

Caso Positivo: El sistema, en este caso, es capaz de soportar 210 clientes.

Thread Group

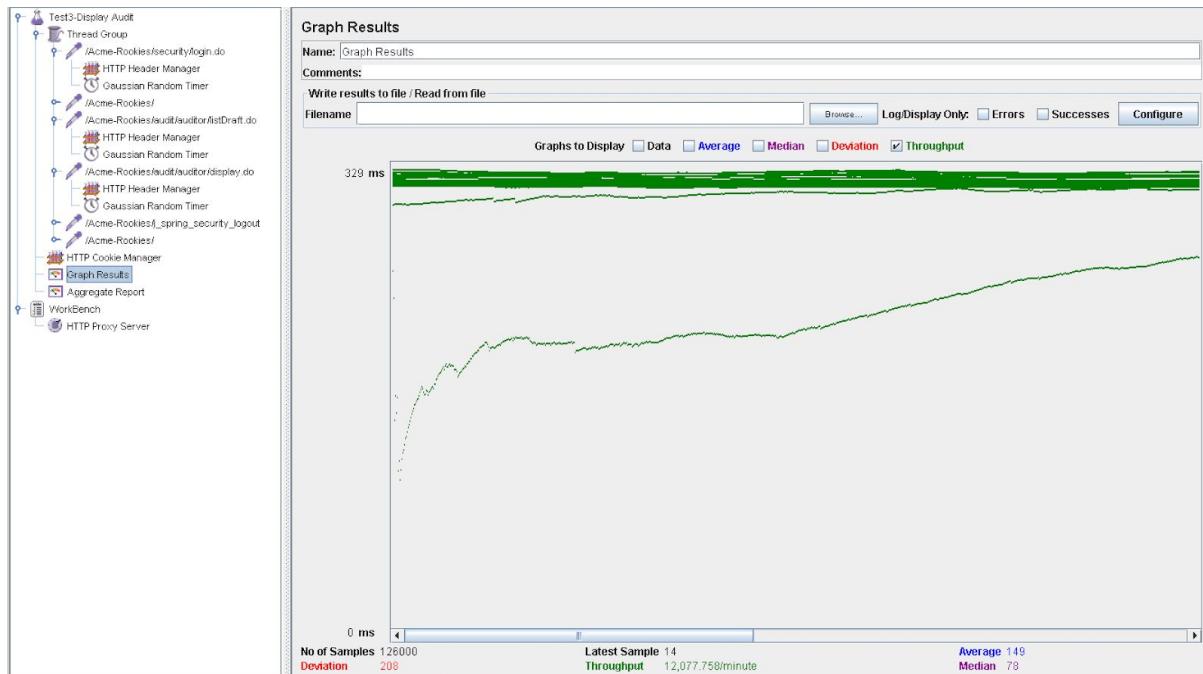
The screenshot shows the JMeter test plan interface. On the left, there is a tree view of the test plan structure under 'Test3-Display Audit'. A selected 'Thread Group' node is expanded, showing its sub-components: 'Acme-Rookies/security/login.do', 'Acme-Rookies/audit/autor/actDraft.do', 'Acme-Rookies/audit/autor/display.do', 'Acme-Rookies/_spring_security_logout', and 'HTTP Cookie Manager'. Below the tree, the main configuration pane displays the 'Thread Group' settings. The 'Name' field is set to 'Thread Group'. Under 'Action to be taken after a Sampler error', the 'Continue' radio button is selected. In the 'Thread Properties' section, 'Number of Threads (users)' is set to 210, 'Ramp-Up Period (in seconds)' is 1, and 'Loop Count' is set to 'Forever'. There are also two unchecked options: 'Delay Thread creation until needed' and 'Scheduler'.

Report

The screenshot shows the 'Aggregate Report' results from the JMeter test execution. The left sidebar shows the same test plan structure as the previous screenshot. The main pane displays the 'Aggregate Report' table with the following data:

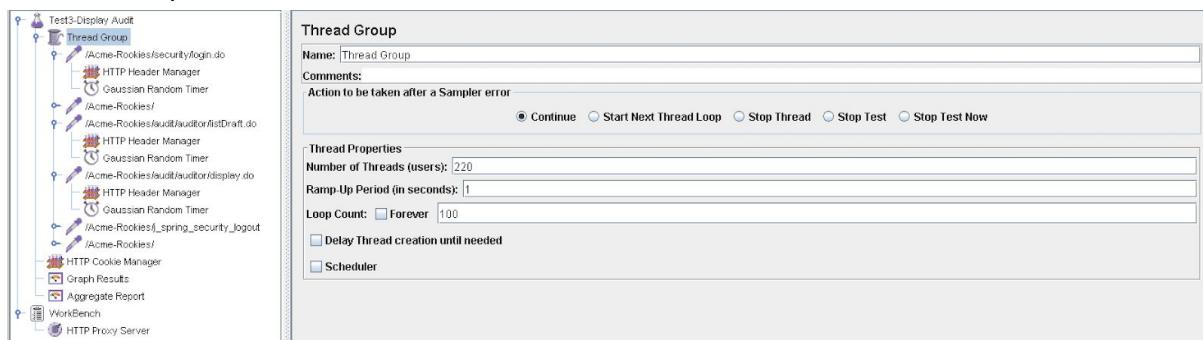
Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
Acme-Rookies/s...	21000	139	73	369	2	3968	0.00%	33.7/sec	173.3
Acme-Rookies/...	42000	141	86	335	2	2245	0.00%	67.1/sec	322.9
Acme-Rookies/a...	21000	170	102	428	3	4084	0.00%	33.7/sec	178.6
Acme-Rookies/a...	21000	115	28	334	3	2422	0.00%	33.7/sec	182.5
Acme-Rookies/_...	21000	191	103	500	2	4199	0.00%	33.7/sec	170.7
TOTAL	126000	149	78	382	2	4199	0.00%	201.3/sec	1022.4

Graph

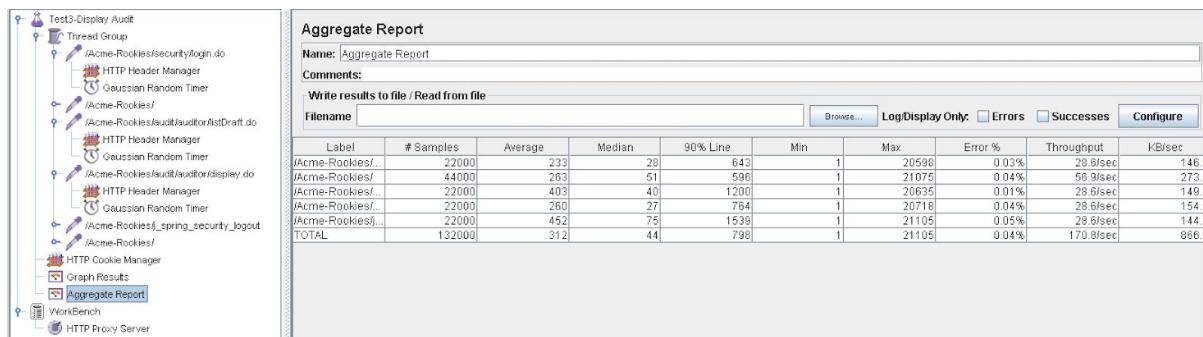


Caso Negativo: El sistema, en este caso, no es capaz de soportar 220 clientes, ya que hay % de error en una request cuando hace su acción indicada.

Thread Group



Report



Graph



1.2.3 Creating

Es el mismo caso de uso que *Self-assign a position to audit it.*

1.2.4 Updating

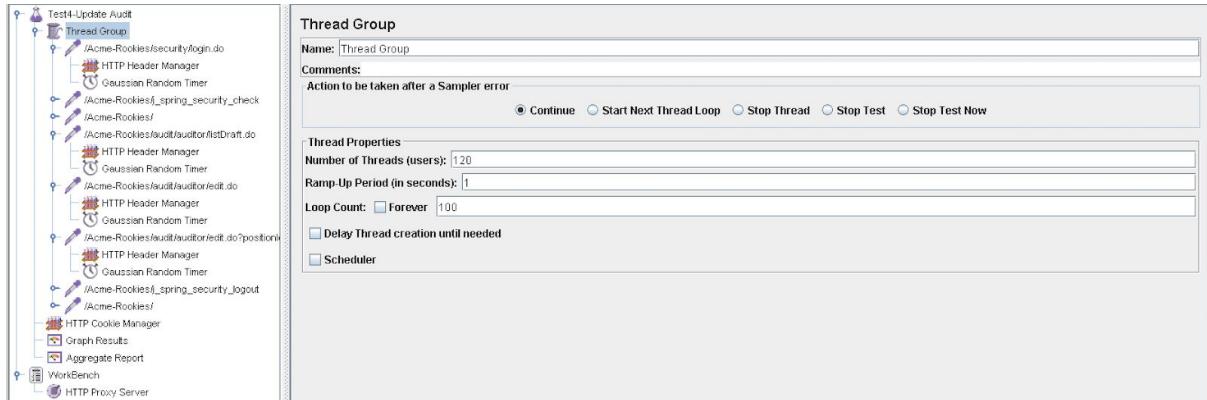
Descripción del ordenador que ha realizado el caso de uso:

MacBook Pro:

- Procesador: 2,3GHz Intel Core i5
- Memoria RAM: 8 GB 2133 MHz LPDDR3

Caso Positivo: El sistema, en este caso, es capaz de soportar 120 clientes.

Thread Group



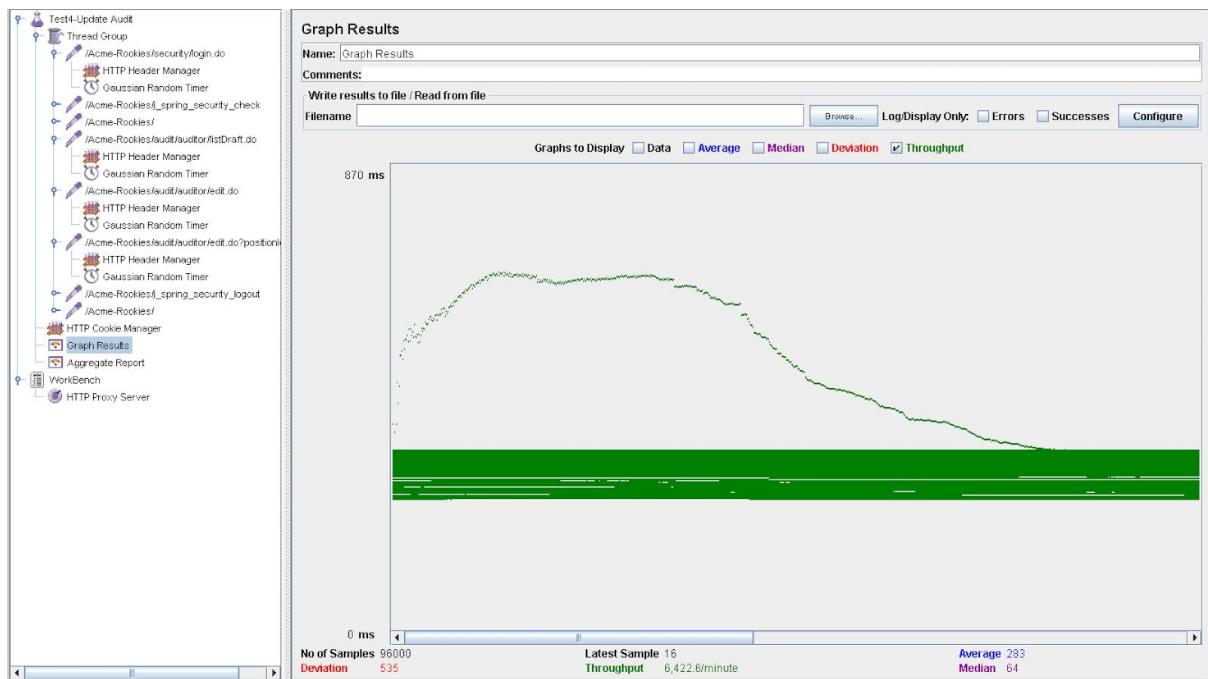
Report

Aggregate Report

Name: Aggregate Report
Comments:
Write results to file / Read from file
Filename: Browse... Log/Display Only: Errors Successes

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/Acme-Rookie...	12000	247	35	798	2	11689	0.00%	13.5/sec	69.1
/Acme-Rookie...	12000	484	178	1505	6	11315	0.00%	13.5/sec	70.1
/Acme-Rookie...	24000	224	59	696	3	8108	0.00%	26.8/sec	130.8
/Acme-Rookie...	12000	236	42	716	7	14809	0.00%	13.5/sec	104.9
/Acme-Rookie...	12000	242	30	770	5	10500	0.00%	13.4/sec	77.3
/Acme-Rookie...	12000	319	61	943	12	18510	0.00%	13.4/sec	101.1
/Acme-Rookie...	12000	284	100	782	4	4681	0.00%	13.4/sec	67.9
TOTAL	96000	283	64	863	2	18510	0.00%	107.0/sec	618.7

Graph



Caso Negativo: El sistema, en este caso, no es capaz de soportar 130 clientes, ya que supera los 3 segundos (2550 ms en el 90% line), tiempo que hemos estimado para que una request haga su acción indicada.

Thread Group

The screenshot shows the JMeter test plan for 'Test4-Update Audit'. On the left, the tree view shows a 'Thread Group' node expanded, containing several requests like '/Acme-Rookies/security/login.do', '/Acme-Rookies/_spring_security_check', and '/Acme-Rookies/audit/auditor/listDraft.do'. On the right, the 'Thread Group' configuration panel is open, showing the following settings:

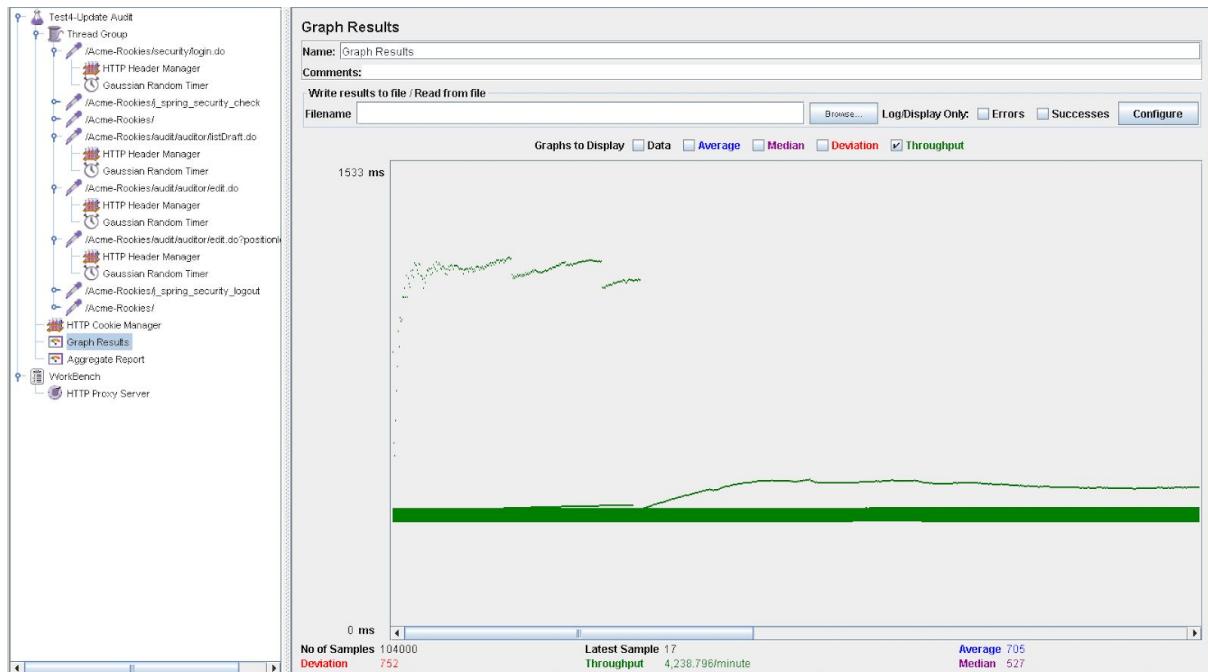
- Name:** Thread Group
- Comments:** Action to be taken after a Sampler error
- Action to be taken after a Sampler error:** Continue (radio button selected)
- Number of Threads (users):** 130
- Ramp Up Period (in seconds):** 1
- Loop Count:** Forever (checkbox checked)
- Delay Thread creation until needed:** (checkbox unchecked)
- Scheduler:** (checkbox unchecked)

Report

The screenshot shows the JMeter test plan for 'Test4-Update Audit'. On the left, the tree view is identical to the Thread Group view. On the right, the 'Aggregate Report' configuration panel is open, showing the following table:

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/Acme-Rookies/security/login.do	13000	595	477	1300	3	4670	0.00%	8.9/sec	45.5
/Acme-Rookies/_spring_security_check	13000	1378	1107	2610	4	15427	0.00%	8.9/sec	46.1
/Acme-Rookies/	26000	588	368	1436	3	15415	0.00%	17.7/sec	86.3
/Acme-Rookies/audit/auditor/listDraft.do	13000	605	477	1336	9	10039	0.00%	8.9/sec	69.2
/Acme-Rookies/audit/auditor/edit.do	13000	593	463	1304	6	21567	0.00%	8.9/sec	51.0
/Acme-Rookies/audit/auditor/edit.do?positionId=1235	13000	696	544	1419	17	16239	0.00%	8.9/sec	67.1
/Acme-Rookies/_spring_security_logout	13000	596	494	1240	3	7911	0.00%	8.9/sec	44.8
TOTAL	104000	705	527	1534	3	21567	0.00%	70.6/sec	408.7

Graph



1.2.5 Deleting

Descripción del ordenador que ha realizado el caso de uso:

MacBook Pro:

- Procesador: 2,3GHz Intel Core i5
- Memoria RAM: 8 GB 2133 MHz LPDDR3

Caso Positivo: El sistema, en este caso, es capaz de soportar 190 clientes.

Thread Group



Report

Test5-Delete Audit

- Thread Group
 - /Acme-Rookies/security/login.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/_spring_security_check
 - /Acme-Rookies/
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/audit/auditor/listDraft.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/audit/auditor/delete.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/_spring_security_logout
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/
 - HTTP Cookie Manager
 - Aggregate Report
 - Graph Results
- WorkBench
- HTTP Proxy Server

Aggregate Report

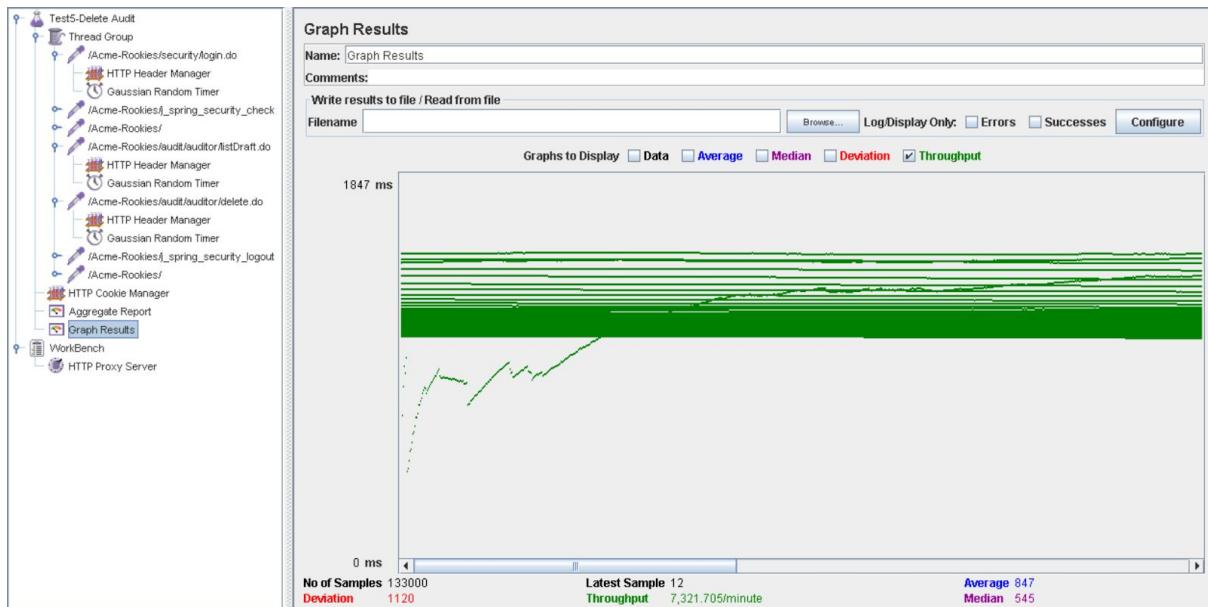
Name: Aggregate Report

Comments:

Write results to file / Read from file

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/Acme-Rookies/security/login.do	19000	831	502	1950	1	37430	0.00%	17.5/sec	89.9
/Acme-Rookies/_spring_security_check	19000	946	674	1874	1	35445	0.00%	17.5/sec	91.3
/Acme-Rookies/ <ul style="list-style-type: none"> HTTP Header Manager Gaussian Random Timer 	38000	831	528	1940	1	36781	0.00%	34.9/sec	170.7
/Acme-Rookies/audit/auditor/listDraft.do	19000	815	501	1924	8	36998	0.00%	17.5/sec	105.2
/Acme-Rookies/audit/auditor/delete.do	19000	819	495	1927	4	37504	0.00%	17.5/sec	225.5
/Acme-Rookies/_spring_security_logout	19000	858	471	2002	4	37472	0.00%	17.5/sec	88.5
TOTAL	133000	847	545	1938	1	37504	0.00%	122.0/sec	769.5

Graph



Caso Negativo: El sistema, en este caso, no es capaz de soportar 200 clientes, ya que hay % de error en una request cuando hace su acción indicada.

Thread Group

Test5-Delete Audit

- Thread Group
 - /Acme-Rookies/security/login.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/_spring_security_check
 - /Acme-Rookies/
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/audit/auditor/listDraft.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/audit/auditor/delete.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/_spring_security_logout
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/
 - HTTP Cookie Manager
 - Aggregate Report
 - Graph Results
- WorkBench
- HTTP Proxy Server

Thread Group

Name: Thread Group

Comments:

Action to be taken after a Sampler error

Continue Start Next Thread Loop Stop Thread Stop Test Stop Test Now

Thread Properties

Number of Threads (users): 200

Ramp-Up Period (in seconds): 1

Loop Count: Forever 100

Delay Thread creation until needed

Scheduler

Report

Test5-Delete Audit

- Thread Group
 - /Acme-Rookies/security/login.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/_spring_security_check
 - /Acme-Rookies/
 - /Acme-Rookies/audit/auditor/listDraft.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/audit/auditor/delete.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/_spring_security_logout
 - /Acme-Rookies/
 - HTTP Cookie Manager
 - Aggregate Report**
 - Graph Results
- WorkBench
- HTTP Proxy Server

Aggregate Report

Name: Aggregate Report

Comments:

Write results to file / Read from file

Filename: Browser... Log Display Only Errors Successes Configure

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/Acme-Rookies...	20000	713	295	1377	1	57291	0.02%	18.8/sec	96.8
/Acme-Rookies...	20000	1260	819	2501	0	66384	0.04%	18.8/sec	98.2
/Acme-Rookies...	40000	584	306	1355	1	58329	0.08%	37.5/sec	183.6
/Acme-Rookies...	20000	662	310	1386	1	65644	0.02%	18.8/sec	113.2
/Acme-Rookies...	20000	681	295	1338	1	58494	0.02%	18.8/sec	242.7
/Acme-Rookies...	20000	764	318	1419	1	65526	0.08%	18.8/sec	95.2
TOTAL	140000	750	353	1581	0	66384	0.05%	131.4/sec	828.1

Graph

Test5-Delete Audit

- Thread Group
 - /Acme-Rookies/security/login.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/_spring_security_check
 - /Acme-Rookies/
 - /Acme-Rookies/audit/auditor/listDraft.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/audit/auditor/delete.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/_spring_security_logout
 - /Acme-Rookies/
 - HTTP Cookie Manager
 - Aggregate Report**
 - Graph Results**
- WorkBench
- HTTP Proxy Server

Graph Results

Name: Graph Results

Comments:

Write results to file / Read from file

Filename: Browser... Log Display Only Errors Successes Configure

Graphs to Display: Data Average Median Deviation Throughput

1616 ms

0 ms

No of Samples 140000
Deviation 2380

Latest Sample 13
Throughput 7,884.696/minute

Average 750
Median 353

2. Administrator

2.1 Run a procedure to notify the existing users of the rebranding

Descripción del ordenador que ha realizado el caso de uso:

Toshiba Satelite P50B10V:

-Procesador: 2,5GHz Intel Core i7

-Memoria RAM: 8 G

Caso Positivo: El sistema, en este caso, es capaz de soportar 130 clientes.

Thread Group

The screenshot shows the JMeter interface with a 'Test Plan' tree on the left and a 'Thread Group' configuration panel on the right. The 'Thread Group' panel has the following settings:

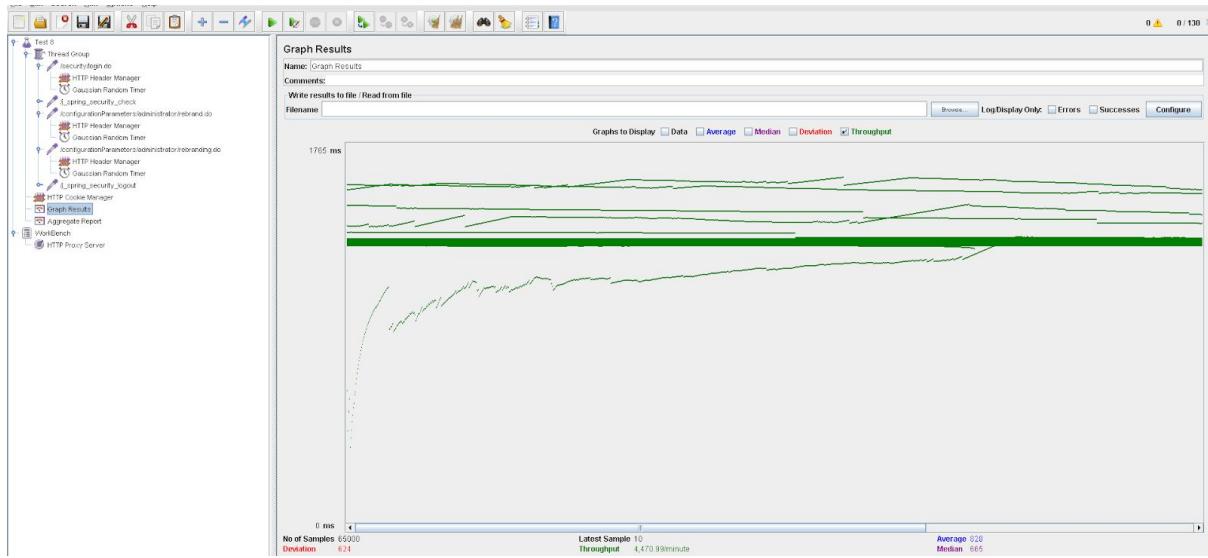
- Name: Thread Group
- Comments: Action to be taken after a Sampler error
- Number of Threads (users): 130
- Ramp Up Period (in seconds): 1
- Loop Count: Forever (100)
- Delay Thread creation until needed
- Scheduler

Report

The screenshot shows the JMeter interface with an 'Aggregate Report' table on the right. The table displays performance metrics for 130 clients. The columns include Label, # Samples, Average, Median, 90% Line, Min, Max, Error %, Throughput, and tPS/sec. The data is as follows:

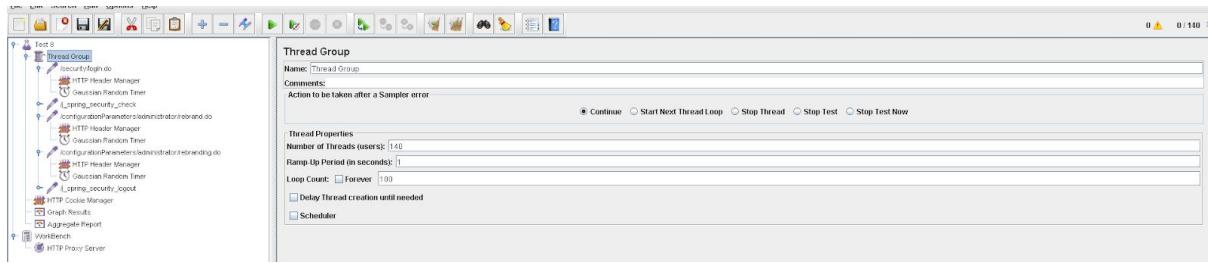
Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	tPS/sec
isecurity/login.do	13000	708	590	1381	8	4106	0.00%	15.0/sec	76.2
ispring_security_check	13000	1415	1264	2295	10	9157	0.00%	15.0/sec	85.7
(configurationParameter)	13000	711	595	1395	12	6514	0.00%	15.0/sec	62.4
ispring_rebranding	13000	729	694	1323	10	4491	0.00%	15.0/sec	92.7
ispring_security_logout	13000	593	493	1000	3	5126	0.00%	15.0/sec	74.8
TOTAL	65000	628	665	1627	9	9157	0.00%	74.5/sec	400.3

Graph

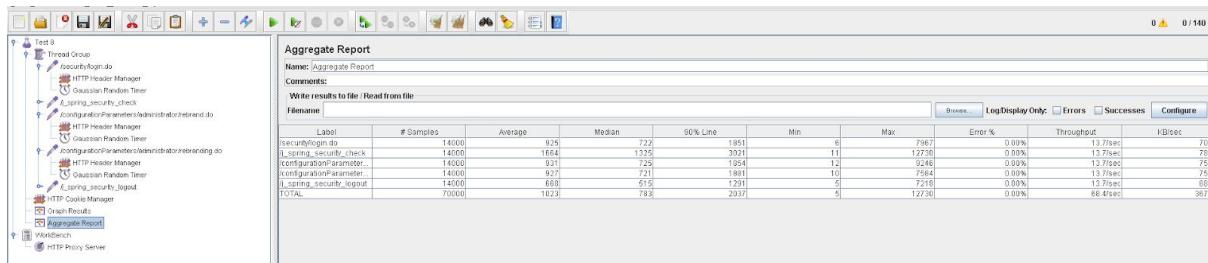


Caso Negativo: El sistema, en este caso, no es capaz de soportar 140 clientes, ya que supera los 3 segundos (2550 ms en el 90% line), tiempo que hemos estimado para que una request haga su acción indicada.

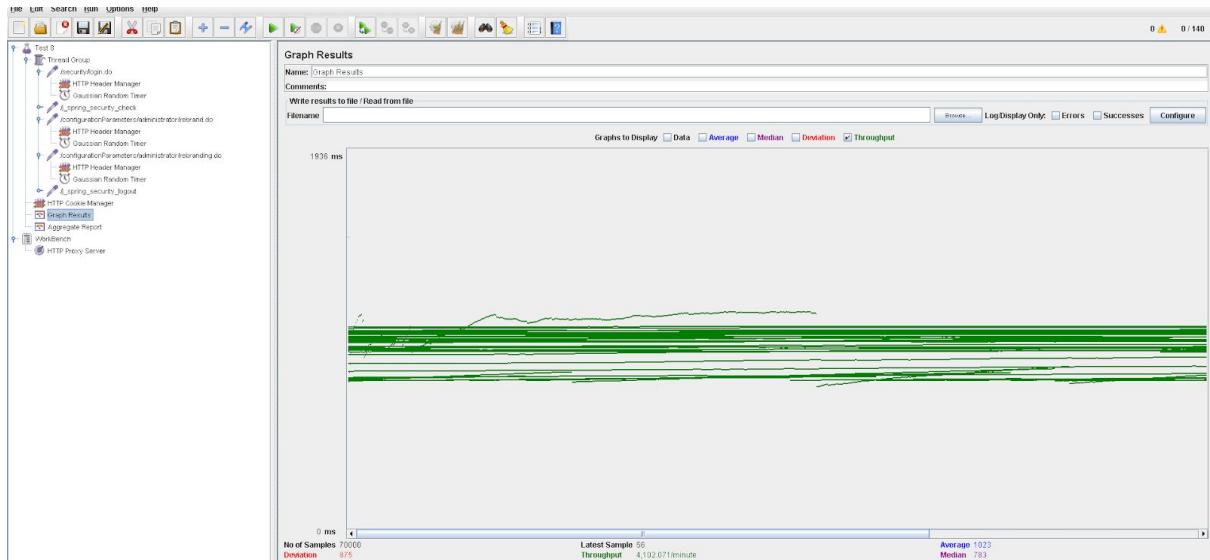
Thread Group



Report



Graph



2.2 Create user accounts for new auditors

Descripción del ordenador que ha realizado el caso de uso:

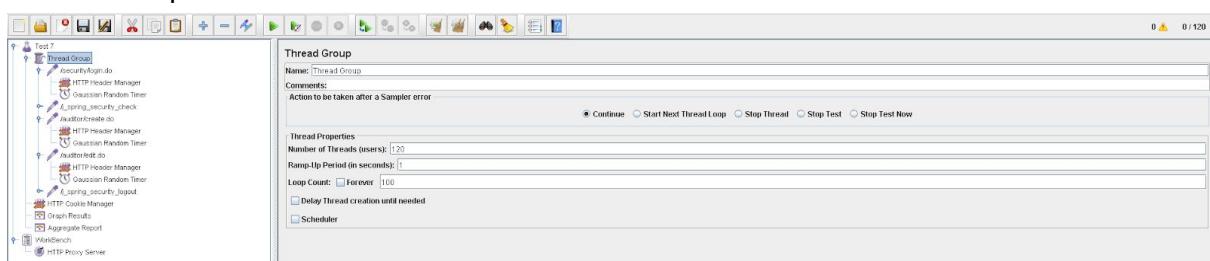
Toshiba Satelite P50B10V:

-Procesador: 2,5GHz Intel Core i7

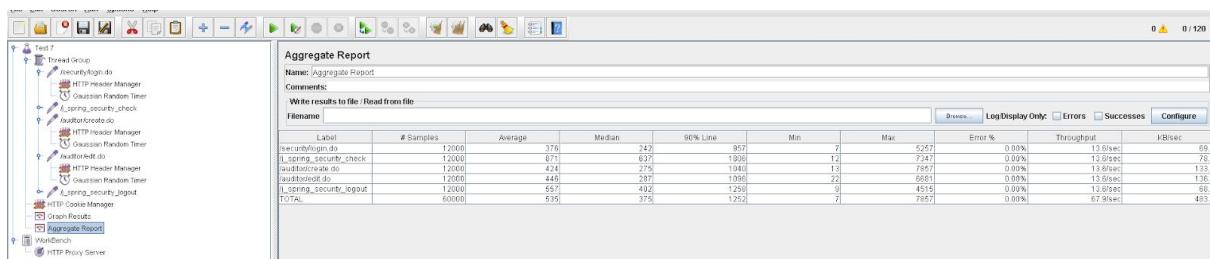
-Memoria RAM: 8 G

Caso Positivo: El sistema, en este caso, es capaz de soportar 120 clientes.

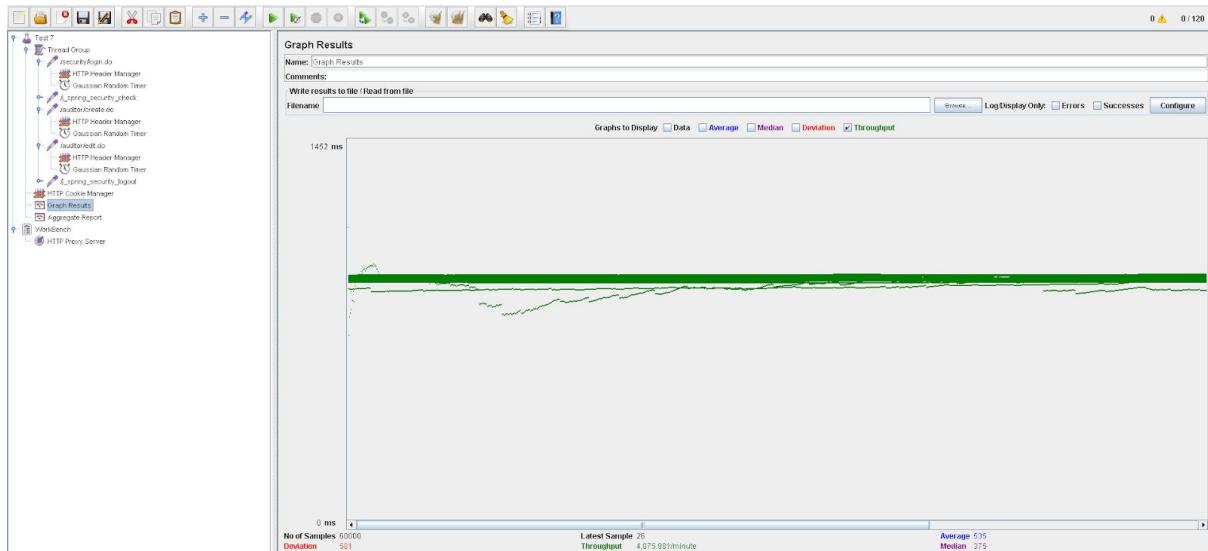
Thread Group



Report

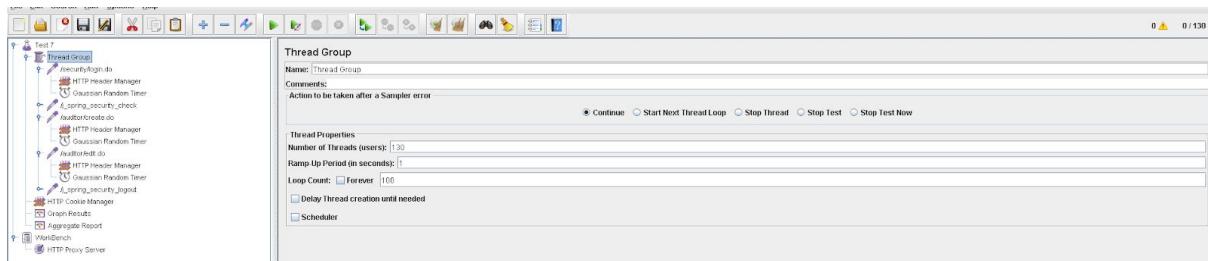


Graph

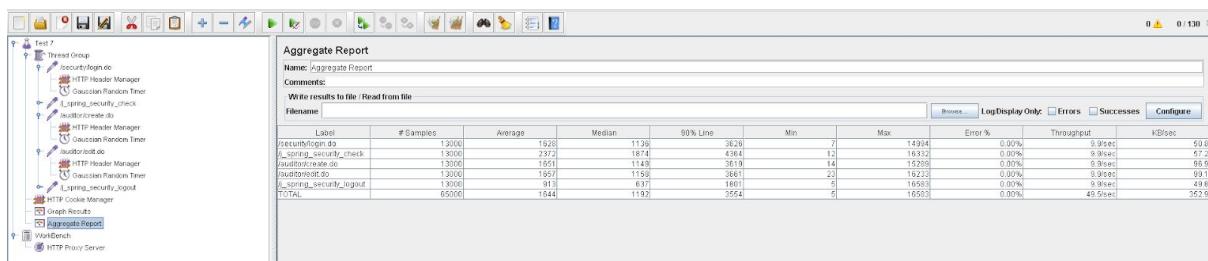


Caso Negativo: El sistema, en este caso, no es capaz de soportar 130 clientes, ya que supera los 3 segundos (2550 ms en el 90% line), tiempo que hemos estimado para que una request haga su acción indicada.

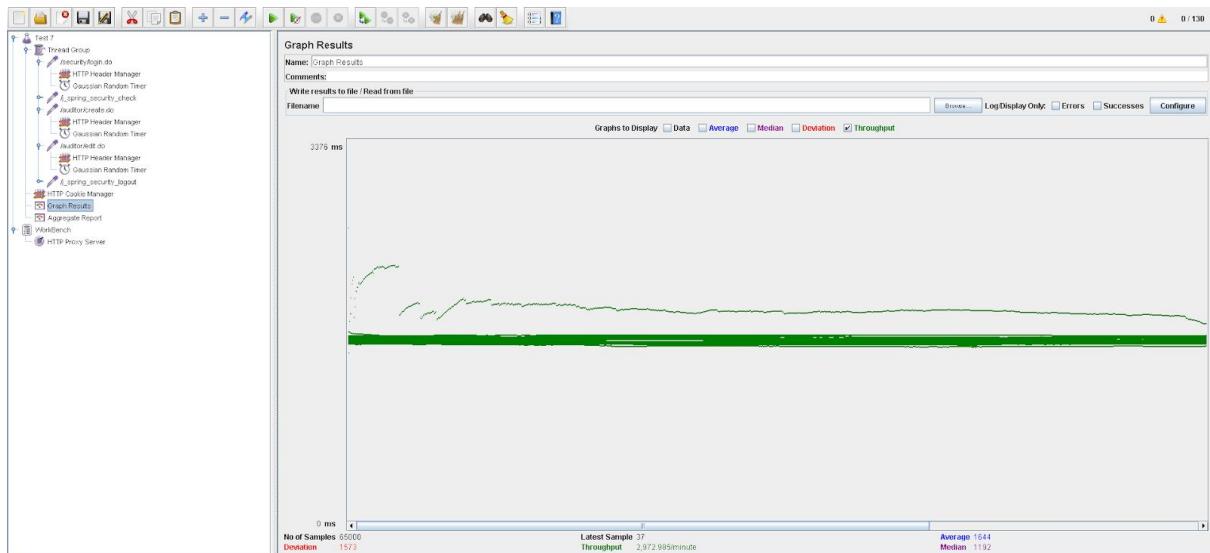
Thread Group



Report



Graph



2.3 Launch a process to compute an audit score for every company

Descripción del ordenador que ha realizado el caso de uso:

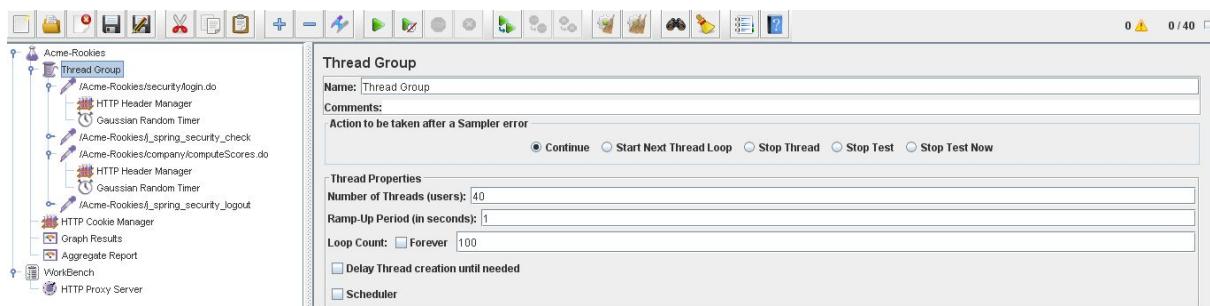
HP Envy 15:

-Procesador: 2,2GHz Intel Core i7-4702MQ

-Memoria RAM: 16GB

Caso Positivo: El sistema, en este caso, es capaz de soportar 40 clientes.

Thread Group



Report

Screenshot of JMeter Aggregate Report window.

Aggregate Report

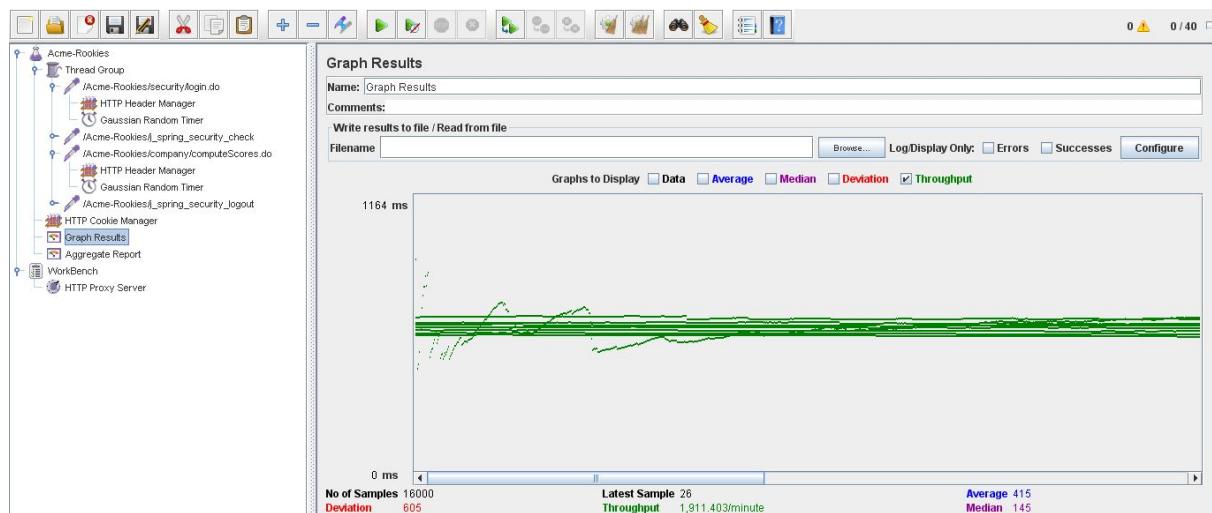
Name: Aggregate Report

Comments:

Write results to file / Read from file

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
[Acme-Rookies]	4000	720	431	1917	8	4428	0.00%	8.0/sec	41.0
[Acme-Rookies]	4000	307	85	856	11	4173	0.00%	8.0/sec	46.2
[Acme-Rookies]	4000	403	94	1382	24	3362	0.00%	8.0/sec	54.4
[Acme-Rookies]	4000	230	100	517	9	3091	0.00%	8.0/sec	40.3
TOTAL	16000	415	145	1293	8	4428	0.00%	31.9/sec	181.3

Graph



Caso Negativo: El sistema, en este caso, no es capaz de soportar 45 clientes, ya que hay % de error en una request cuando hace su acción indicada.

Thread Group

Screenshot of JMeter Thread Group configuration window.

Thread Group

Name: Thread Group

Comments:

Action to be taken after a Sampler error: Continue

Thread Properties

- Number of Threads (users): 45
- Ramp-Up Period (in seconds): 1
- Loop Count: Forever 100
- Delay Thread creation until needed
- Scheduler

Report

Screenshot of JMeter Aggregate Report window.

Aggregate Report

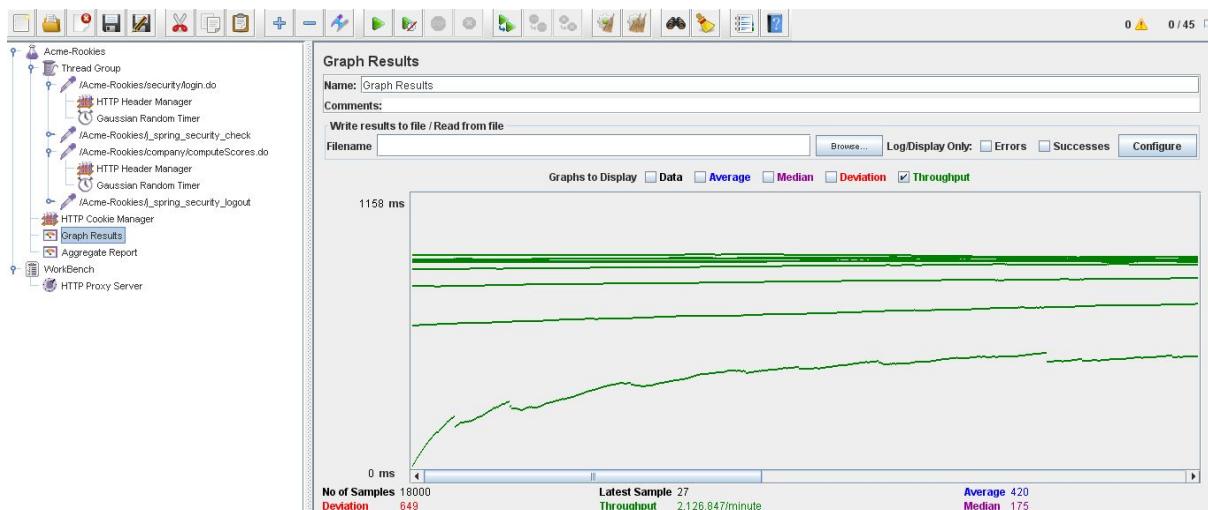
Name: Aggregate Report

Comments:

Write results to file / Read from file

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
[Acme-Rookies]	4500	650	382	1548	8	9108	0.02%	8.9/sec	45.6
[Acme-Rookies]	4500	380	129	1014	11	6011	0.00%	8.9/sec	51.7
[Acme-Rookies]	4500	351	107	1011	24	5752	0.02%	9.0/sec	60.9
[Acme-Rookies]	4500	300	142	770	9	5784	0.00%	9.0/sec	45.3
TOTAL	18000	420	175	1088	9	9108	0.01%	35.4/sec	201.7

Graph



2.4 Display dashboard

Descripción del ordenador que ha realizado el caso de uso:

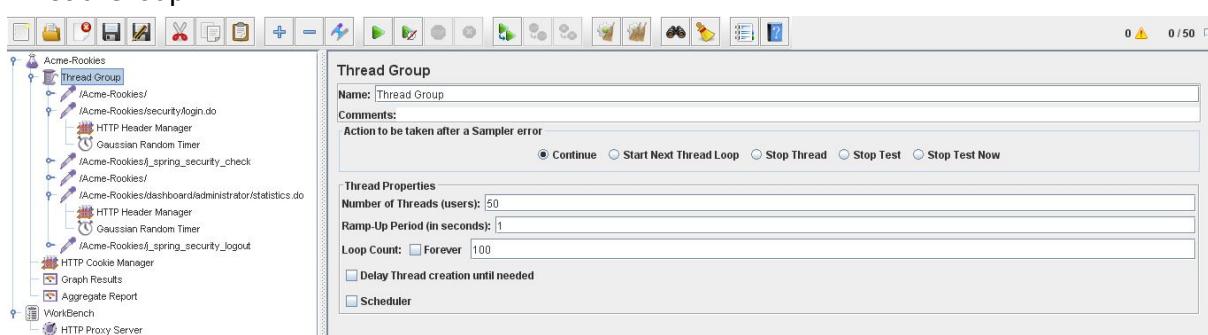
HP Envy 15:

-Procesador: 2,2GHz Intel Core i7-4702MQ

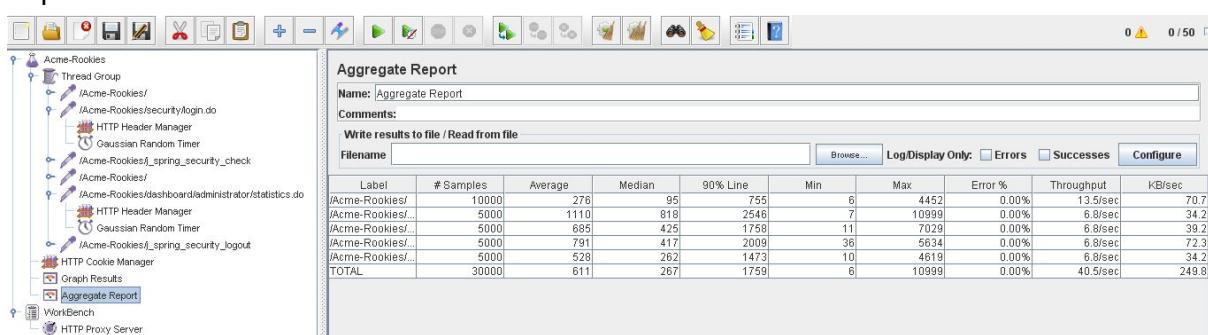
-Memoria RAM: 16GB

Caso Positivo: El sistema, en este caso, es capaz de soportar 50 clientes.

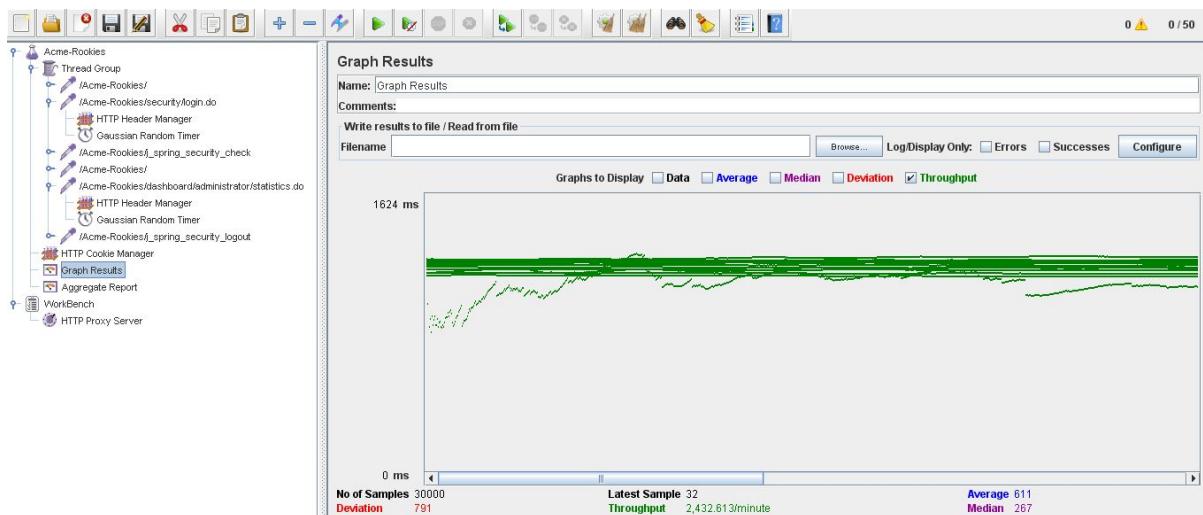
Thread Group



Report

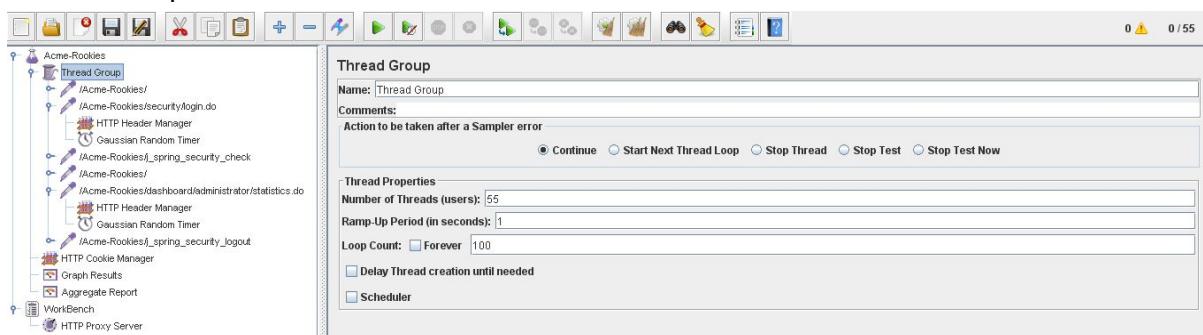


Graph

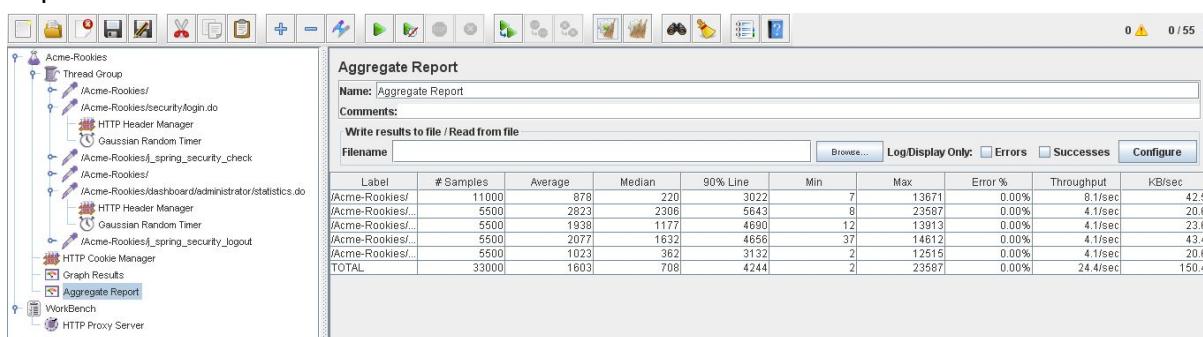


Caso Negativo: El sistema, en este caso, no es capaz de soportar 55 clientes, ya que supera los 3 segundos (2550 ms en el 90% line), tiempo que hemos estimado para que una request haga su acción indicada.

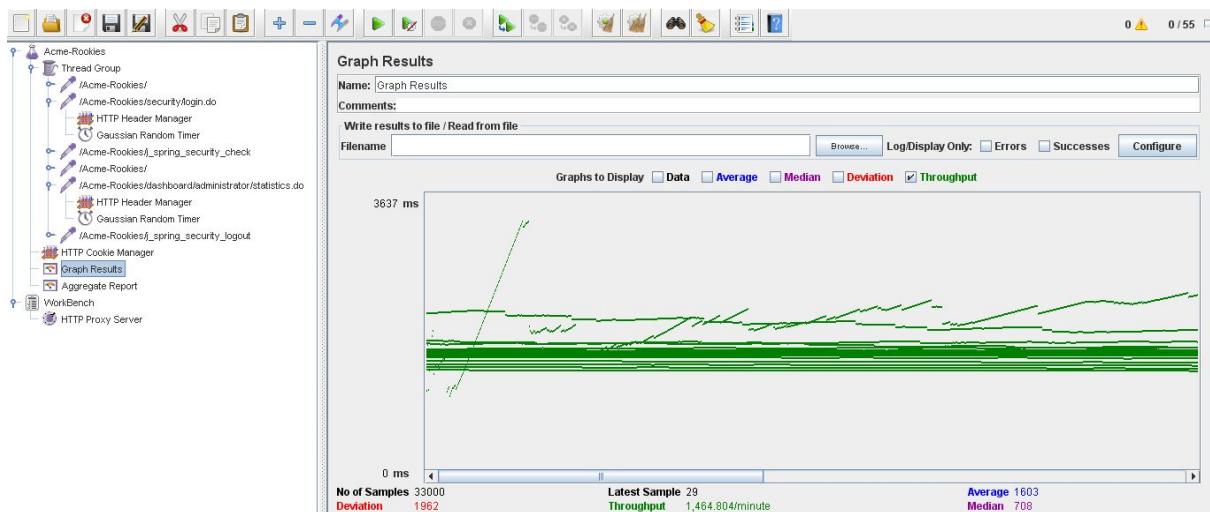
Thread Group



Report



Graph



3. Not Authenticated

3.1 Browse the list of providers and navigate to their items

Descripción del ordenador que ha realizado el caso de uso:

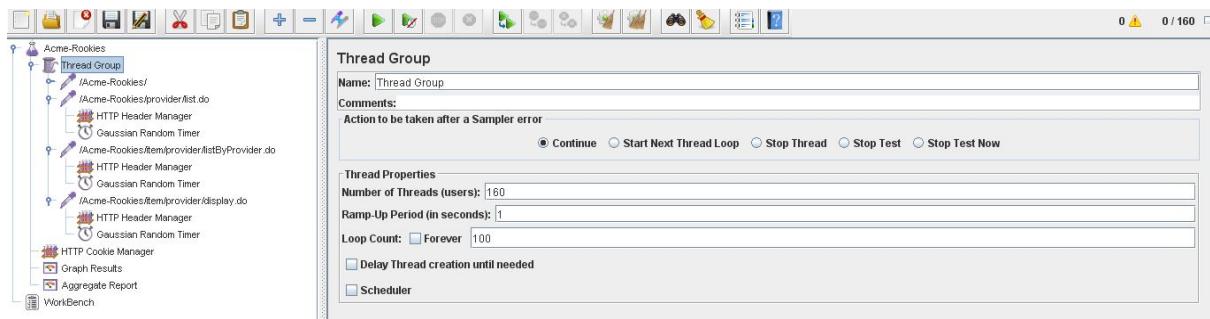
HP Envy 15:

-Procesador: 2,2GHz Intel Core i7-4702MQ

-Memoria RAM: 16GB

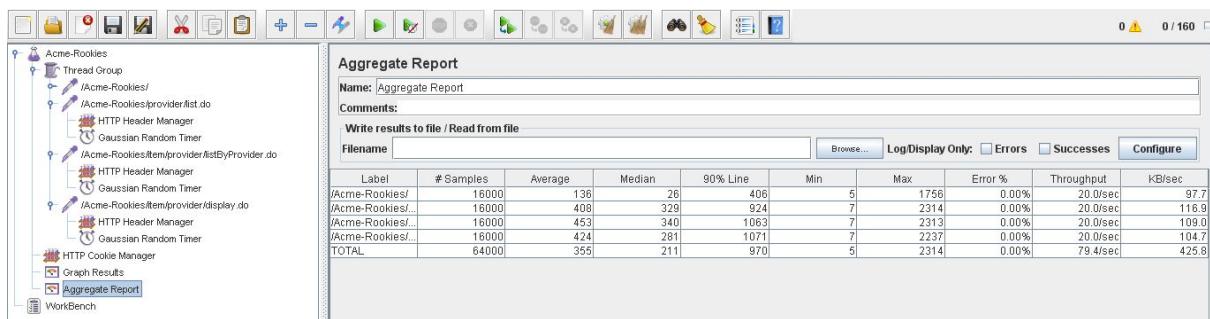
Caso Positivo: El sistema, en este caso, es capaz de soportar 160 clientes.

Thread Group



The screenshot shows the JMeter interface with the 'Thread Group' configuration panel open. The 'Name' field is set to 'Thread Group'. Under 'Comments', it says 'Action to be taken after a Sampler error' with 'Continue' selected. In the 'Thread Properties' section, 'Number of Threads (users)' is set to 160, 'Ramp-Up Period (in seconds)' is 1, and 'Loop Count' is set to 'Forever' with '100' specified. There are also checkboxes for 'Delay Thread creation until needed' and 'Scheduler'.

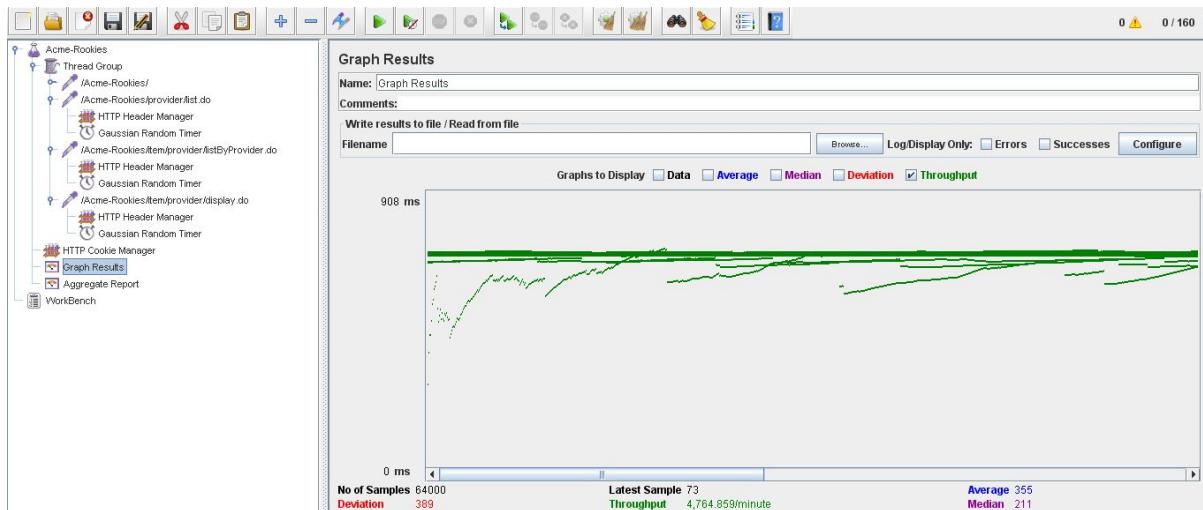
Report



The screenshot shows the JMeter interface with the 'Aggregate Report' configuration panel open. The 'Name' field is set to 'Aggregate Report'. Under 'Comments', it says 'Write results to file / Read from file'. The 'Filename' field is empty. Below the panel is a table showing performance metrics for multiple samples. The columns are: Label, # Samples, Average, Median, 90% Line, Min, Max, Error %, Throughput, and KB/sec. The table includes rows for various provider items and a total row.

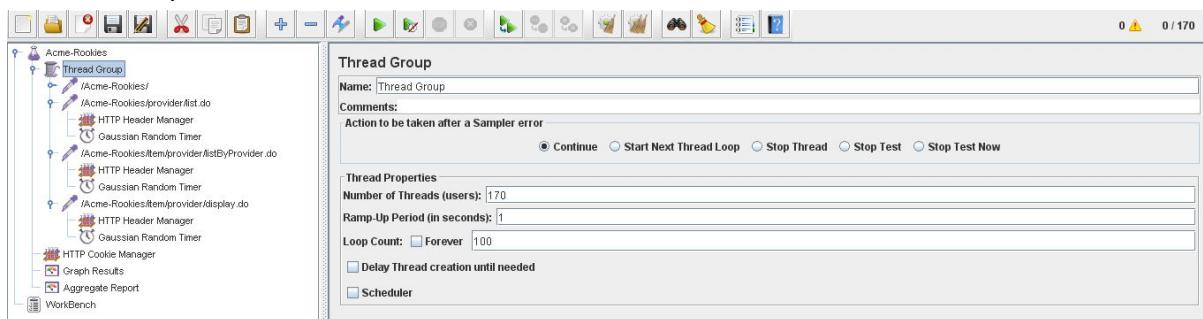
Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/Acme-Rookies/	16000	136	26	406	5	1756	0.00%	20.0/sec	97.7
/Acme-Rookies/	16000	408	329	924	7	2314	0.00%	20.0/sec	116.9
/Acme-Rookies/	16000	453	340	1063	7	2313	0.00%	20.0/sec	109.0
/Acme-Rookies/	16000	424	281	1071	7	2237	0.00%	20.0/sec	104.7
TOTAL	64000	355	211	970	5	2314	0.00%	79.4/sec	425.8

Graph

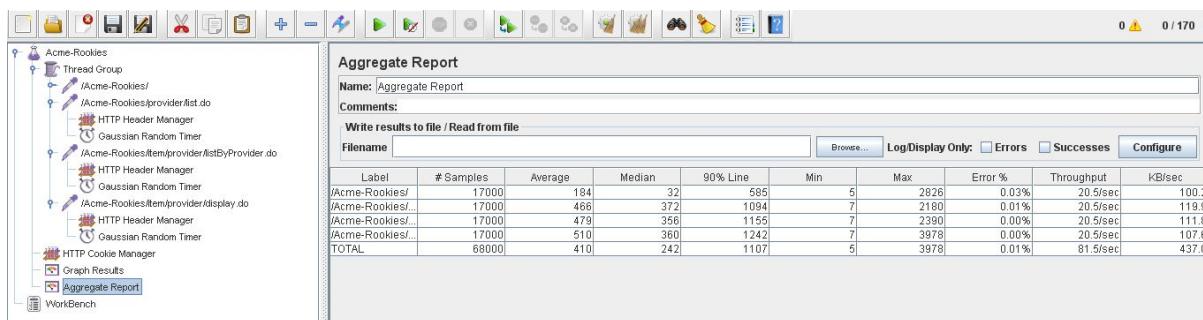


Caso Negativo: El sistema, en este caso, no es capaz de soportar 170 clientes, ya que hay % de error en una request cuando hace su acción indicada.

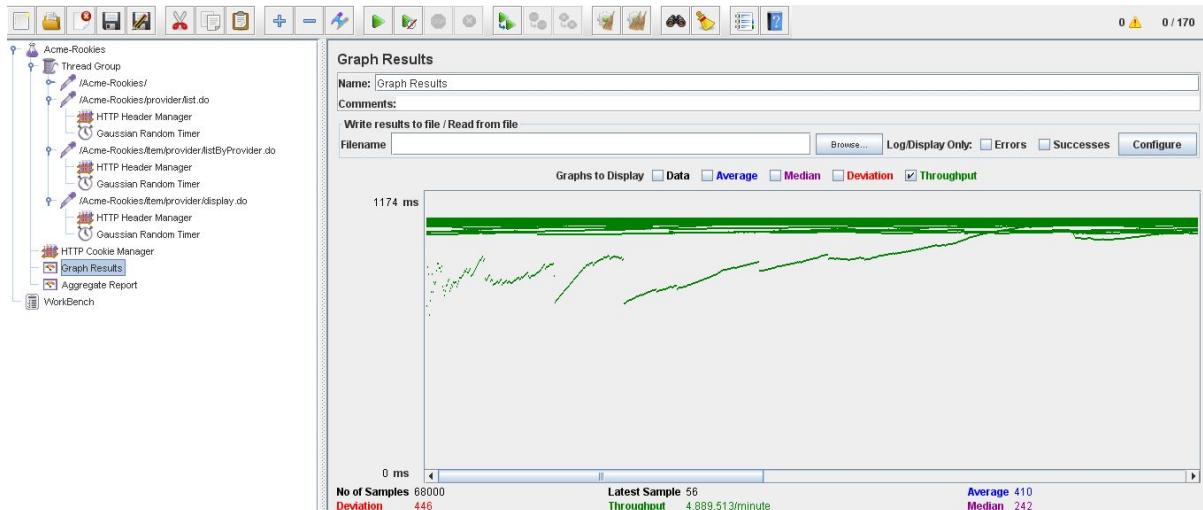
Thread Group



Report



Graph



3.2 Browse the list of items and navigate to their providers

Descripción del ordenador que ha realizado el caso de uso:

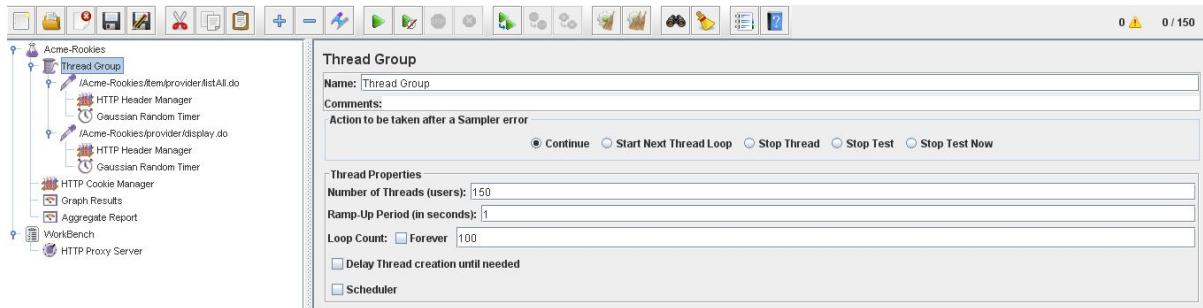
HP Envy 15:

-Procesador: 2,2GHz Intel Core i7-4702MQ

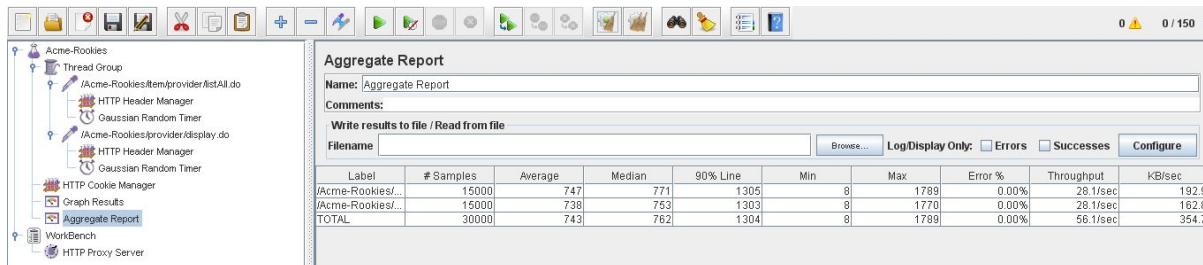
-Memoria RAM: 16GB

Caso Positivo: El sistema, en este caso, es capaz de soportar 150 clientes.

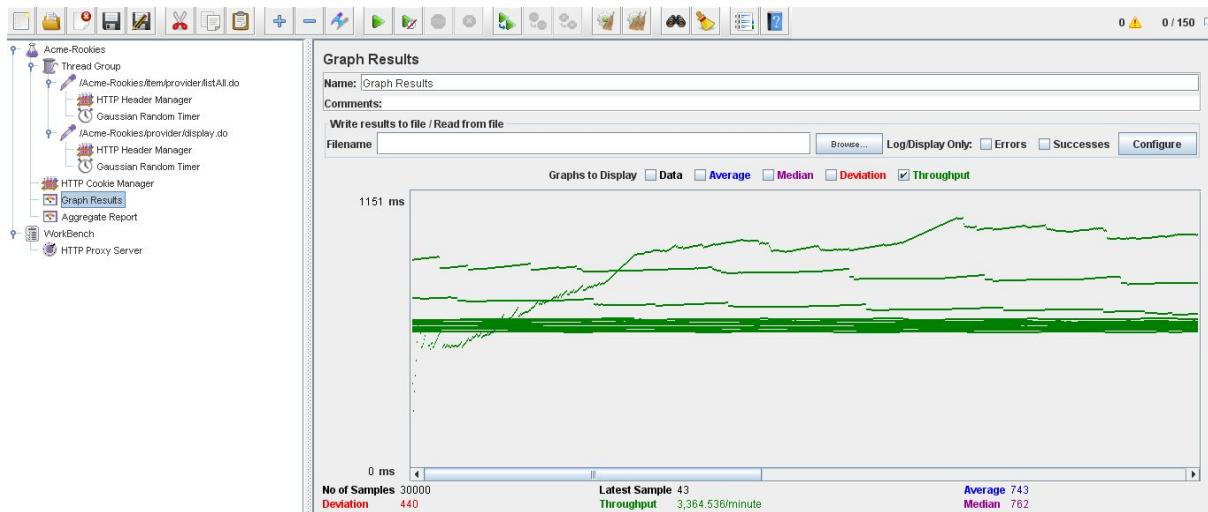
Thread Group



Report

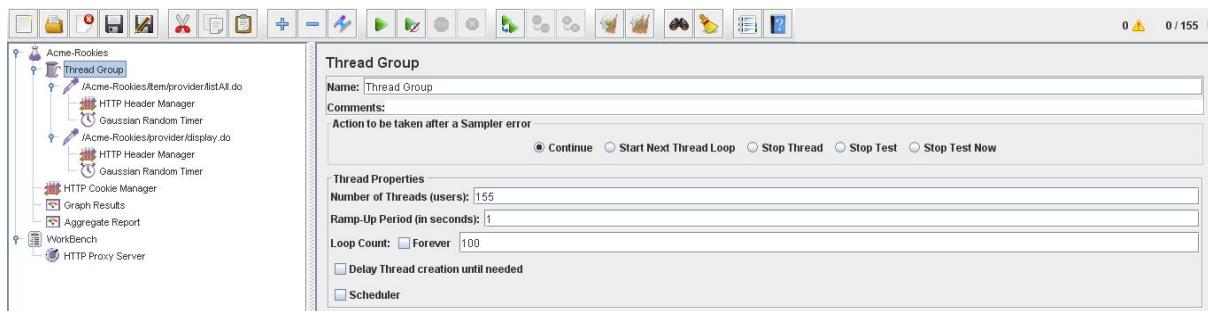


Graph

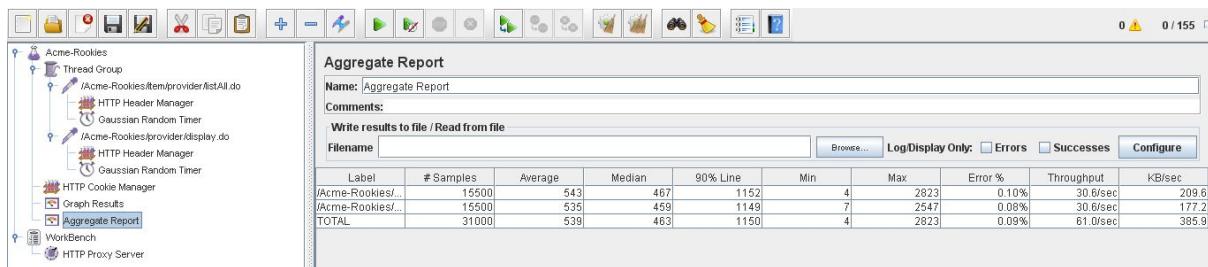


Caso Negativo: El sistema, en este caso, no es capaz de soportar 155 clientes, ya que hay % de error en una request cuando hace su acción indicada.

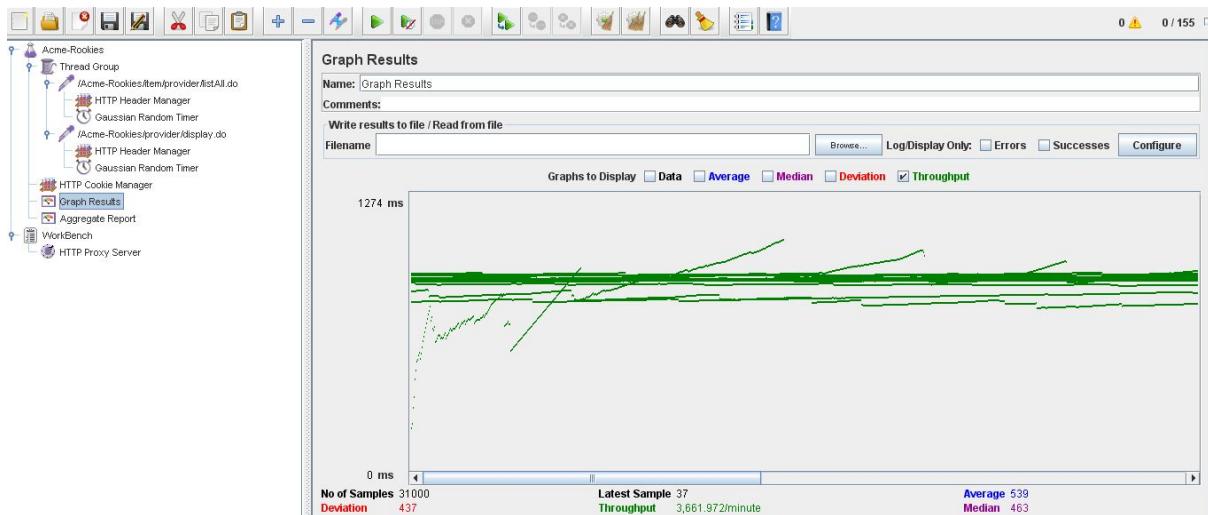
Thread Group



Report



Graph



3.3 Register to the system as a provider

Descripción del ordenador que ha realizado el caso de uso:

MacBook Pro:

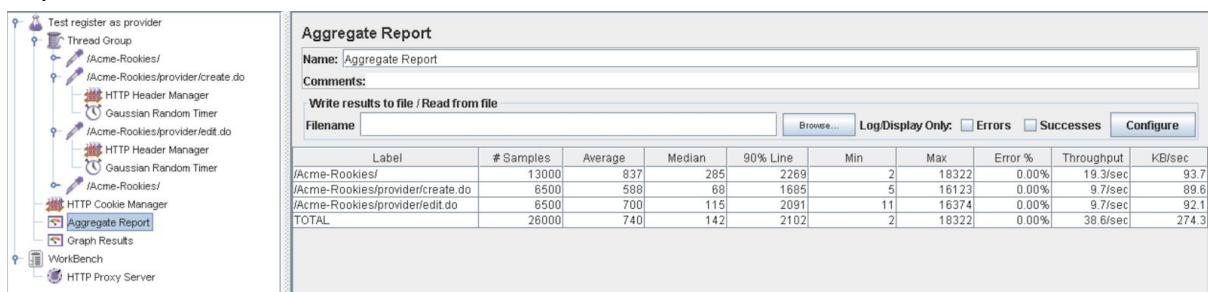
- Procesador: 2,3GHz Intel Core i5
- Memoria RAM: 8 GB 2133 MHz LPDDR3

Caso Positivo: El sistema, en este caso, es capaz de soportar 65 clientes.

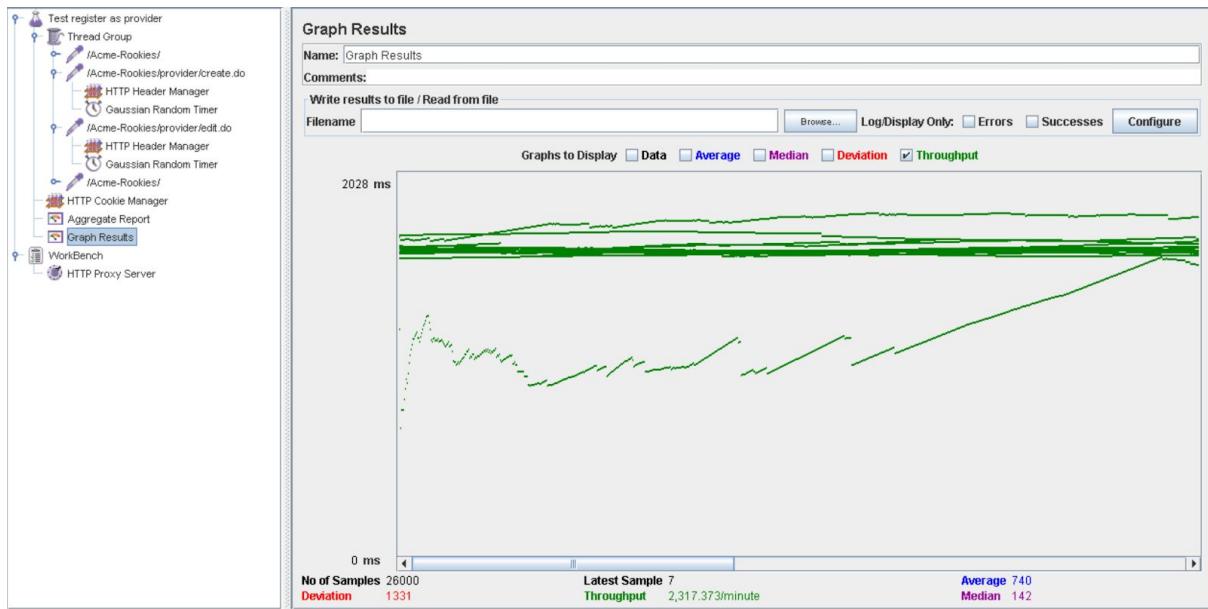
Thread Group



Report

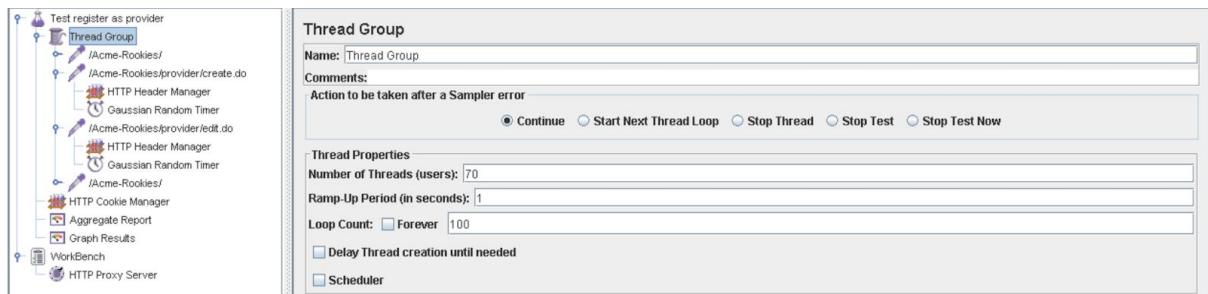


Graph

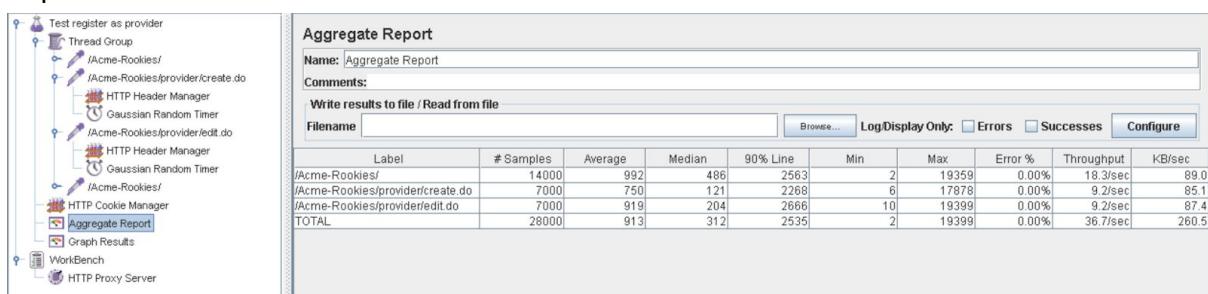


Caso Negativo: El sistema, en este caso, no es capaz de soportar 70 clientes, ya que supera los 3 segundos (2550 ms en el 90% line), tiempo que hemos estimado para que una request haga su acción indicada.

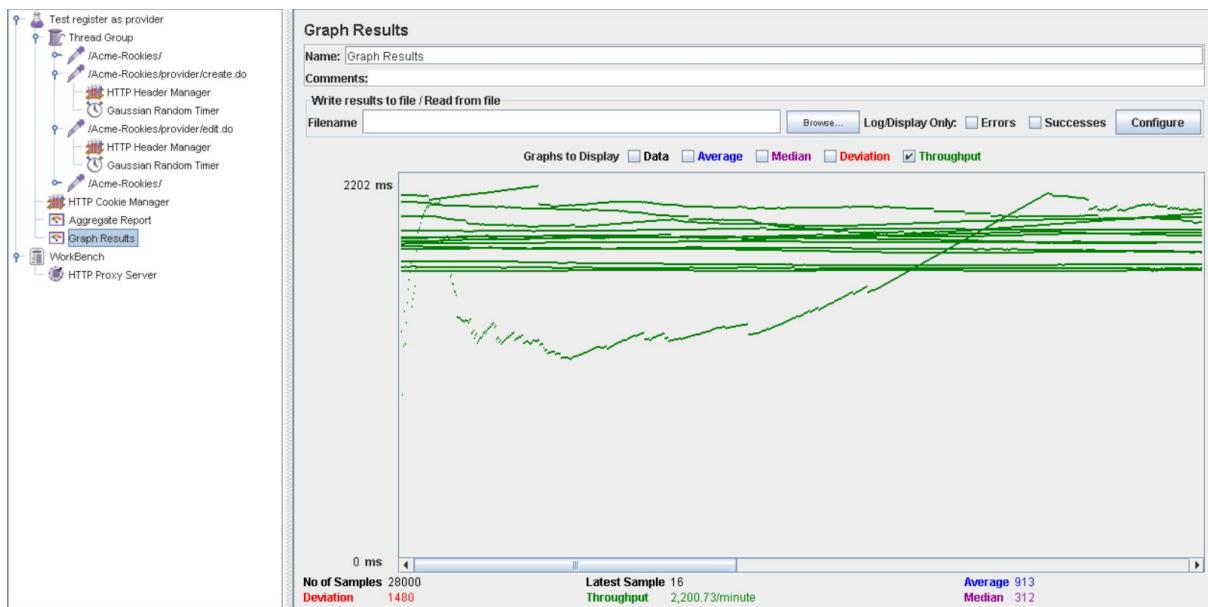
Thread Group



Report



Graph



4. Provider

4.1 Manage his or her catalogue of items, which includes

4.1.1 Listing

Descripción del ordenador que ha realizado el caso de uso:

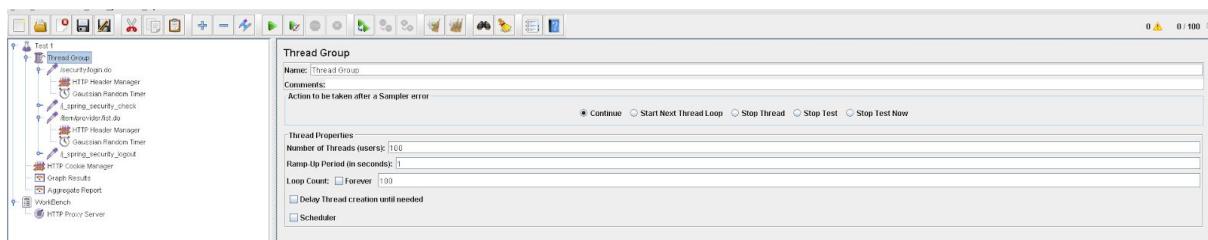
Toshiba Satelite P50B10V:

-Procesador: 2,5GHz Intel Core i7

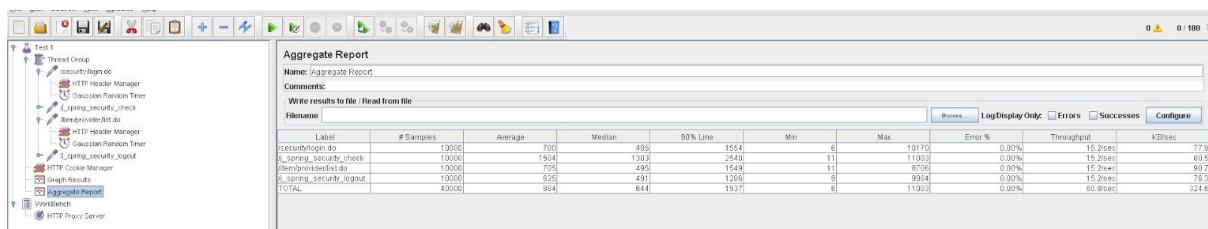
-Memoria RAM: 8 G

Caso Positivo: El sistema, en este caso, es capaz de soportar 100 clientes.

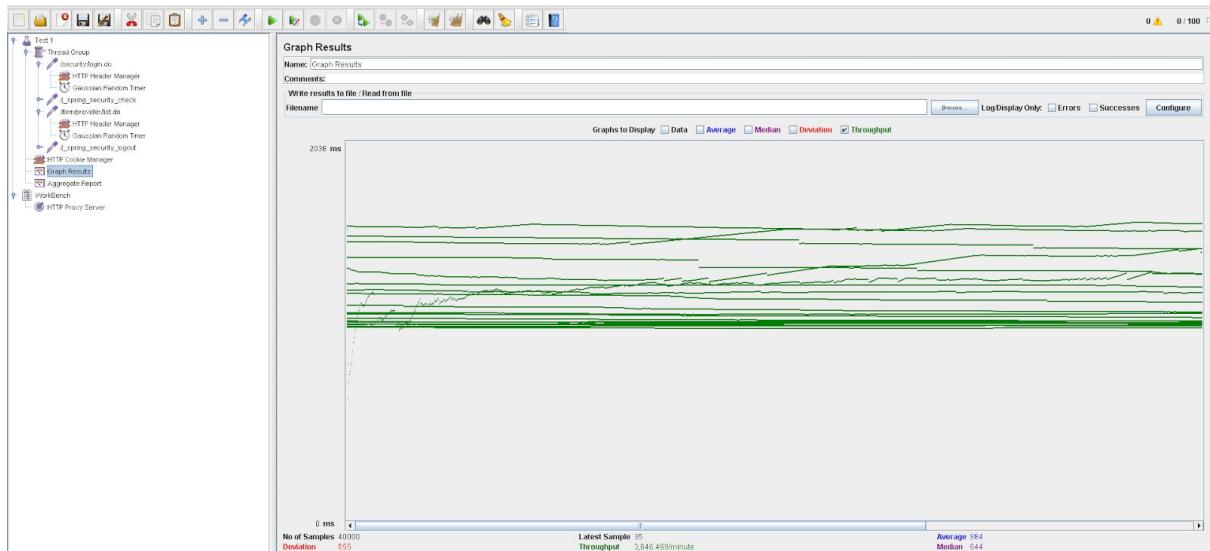
Thread Group



Report

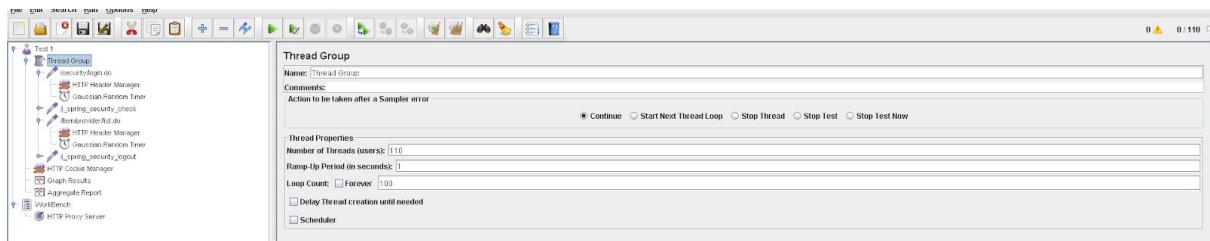


Graph

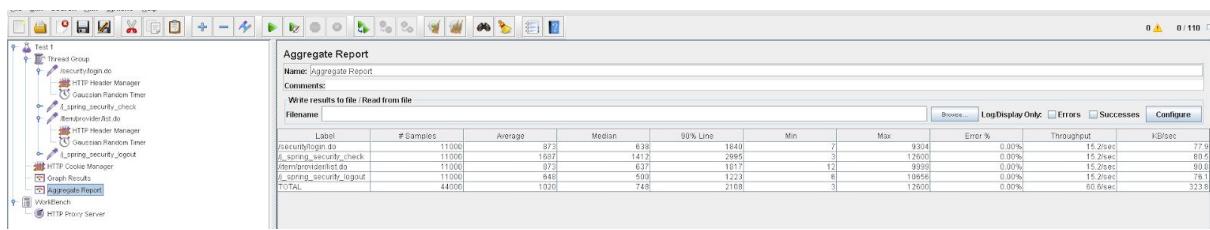


Caso Negativo: El sistema, en este caso, no es capaz de soportar 110 clientes, ya que supera los 3 segundos (2550 ms en el 90% line), tiempo que hemos estimado para que una request haga su acción indicada.

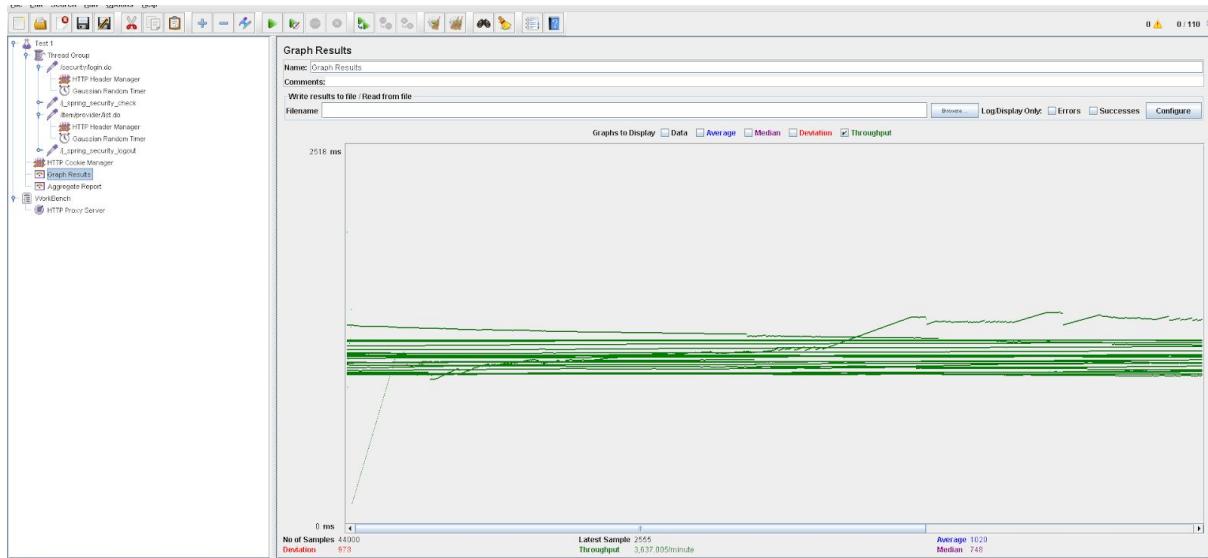
Thread Group



Report



Graph



4.1.2 Showing

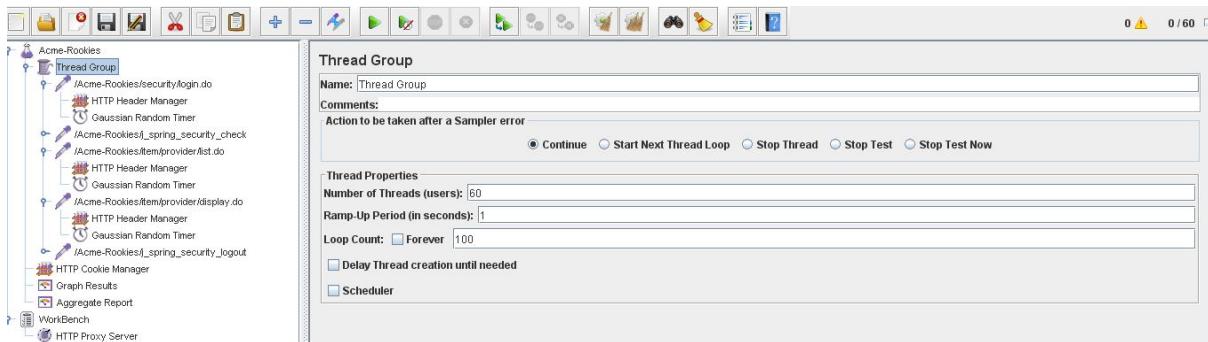
Descripción del ordenador que ha realizado el caso de uso:

HP Envy 15:

- Procesador: 2,2GHz Intel Core i7-4702MQ
- Memoria RAM: 16GB

Caso Positivo: El sistema, en este caso, es capaz de soportar 60 clientes.

Thread Group



Report

Screenshot of JMeter Aggregate Report interface:

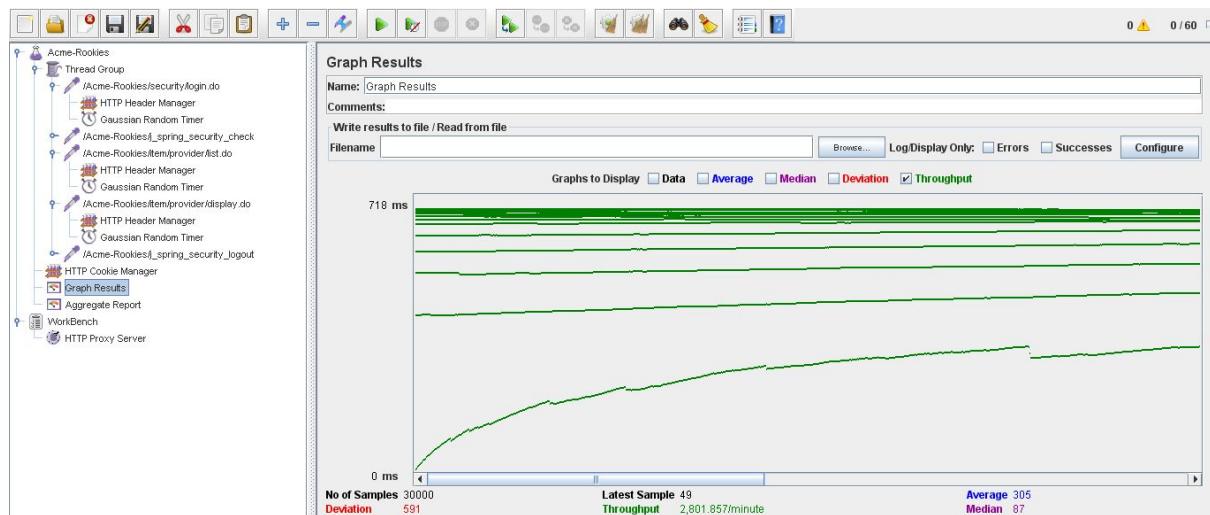
Aggregate Report

Name: Aggregate Report
Comments:

Write results to file / Read from file

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
[Acme-Rookies...]	6000	600	342	1429	8	10703	0.00%	9.4/sec	48.2
[Acme-Rookies...]	6000	303	87	801	12	6029	0.00%	9.4/sec	50.2
[Acme-Rookies...]	6000	241	50	699	13	4696	0.00%	9.5/sec	62.5
[Acme-Rookies...]	6000	202	38	557	10	4512	0.00%	9.5/sec	53.7
[Acme-Rookies...]	6000	180	72	426	9	5872	0.00%	9.5/sec	47.7
TOTAL	30000	305	87	799	8	10703	0.00%	46.7/sec	259.2

Graph



Caso Negativo: El sistema, en este caso, no es capaz de soportar 70 clientes, ya que supera los 3 segundos (2550 ms en el 90% line), tiempo que hemos estimado para que una request haga su acción indicada.

Thread Group

Screenshot of JMeter Thread Group configuration interface:

Thread Group

Name: Thread Group
Comments:

Action to be taken after a Sampler error:

- Continue
- Start Next Thread Loop
- Stop Thread
- Stop Test
- Stop Test Now

Thread Properties:

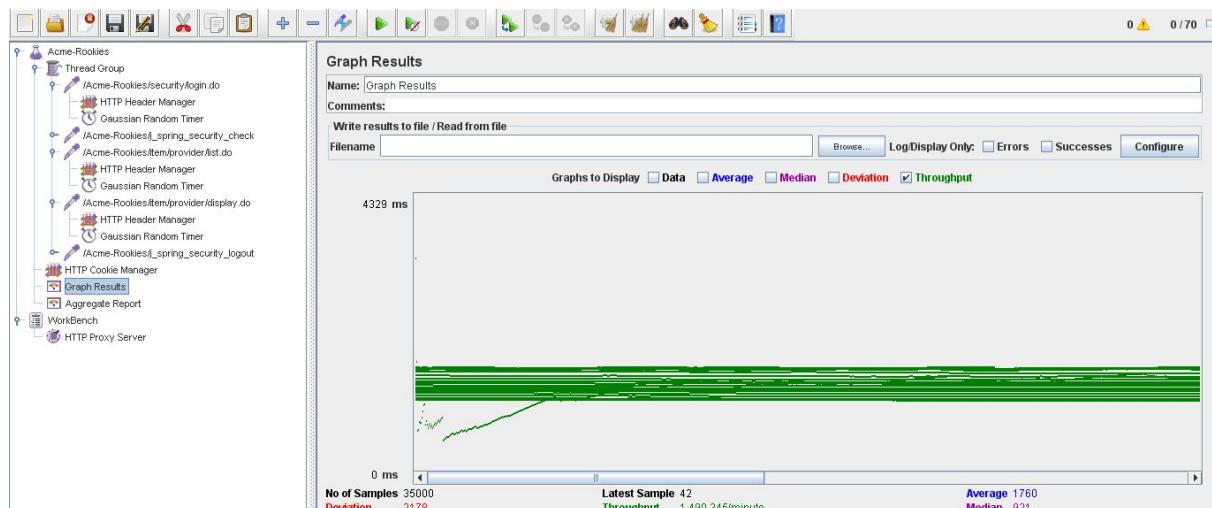
- Number of Threads (users): 70
- Ramp-Up Period (in seconds): 1
- Loop Count: Forever 100
- Delay Thread creation until needed
- Scheduler

Report

The screenshot shows the JMeter Aggregate Report results. The left pane displays the test plan structure under 'Acme-Rookies' with several Thread Groups and their sub-samplers. The right pane shows the 'Aggregate Report' results table:

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
[Acme-Rookies...]	7000	2534	2007	5028	8	23247	0.00%	5.0/sec	25.5
[Acme-Rookie...]	7000	2123	1169	5036	8	22879	0.00%	5.0/sec	26.5
[Acme-Rooke...]	7000	1636	924	3908	14	17260	0.00%	5.0/sec	32.9
[Acme-Rooke...]	7000	1498	790	3671	10	15951	0.00%	5.0/sec	28.3
[Acme-Rooke...]	7000	998	296	3087	8	21459	0.00%	5.0/sec	25.1
TOTAL	35000	1760	921	4316	8	23247	0.00%	24.0/sec	137.9

Graph



4.1.3 Creating

Descripción del ordenador que ha realizado el caso de uso:

Toshiba Satelite P50B10V:

-Procesador: 2,5GHz Intel Core i7

-Memoria RAM: 8 G

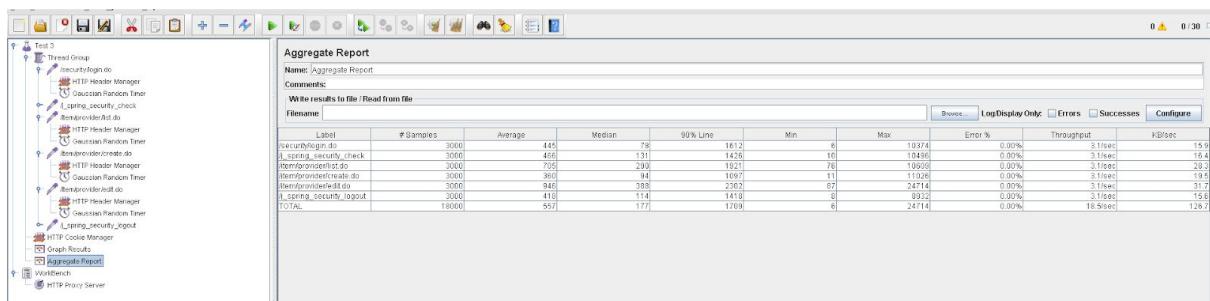
Caso Positivo: El sistema, en este caso, es capaz de soportar 30 clientes.

Thread Group

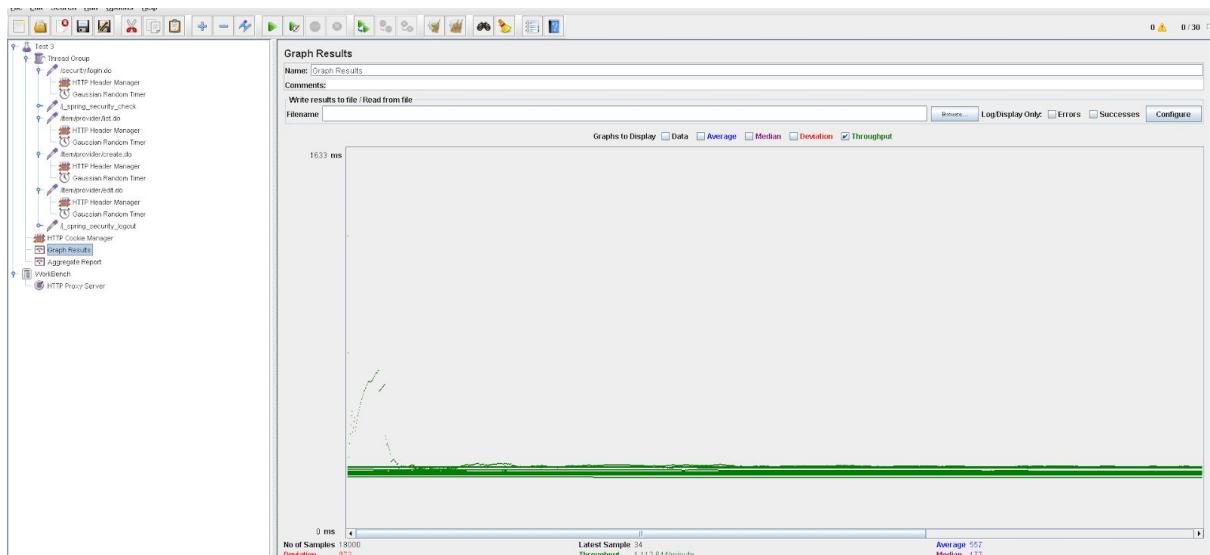
The screenshot shows the JMeter Thread Group configuration for a test plan named 'Test 3'. The left pane displays the test plan structure. The right pane shows the 'Thread Group' configuration:

- Name: Thread Group
- Comments: Action to be taken after a Sampler error:
 - Continue (radio button selected)
 - Start Next Thread Loop
 - Stop Thread
 - Stop Test
 - Stop Test Now
- Thread Properties:
 - Number of Threads (users): 30
 - Ramp-Up Period in seconds: 1
 - Loop Count:Forever (checkbox checked)
 - Delay thread creation until needed
 - Scheduler

Report

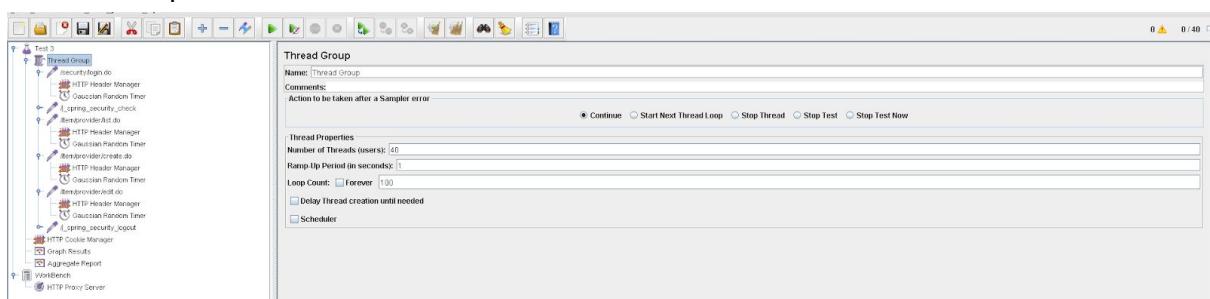


Graph

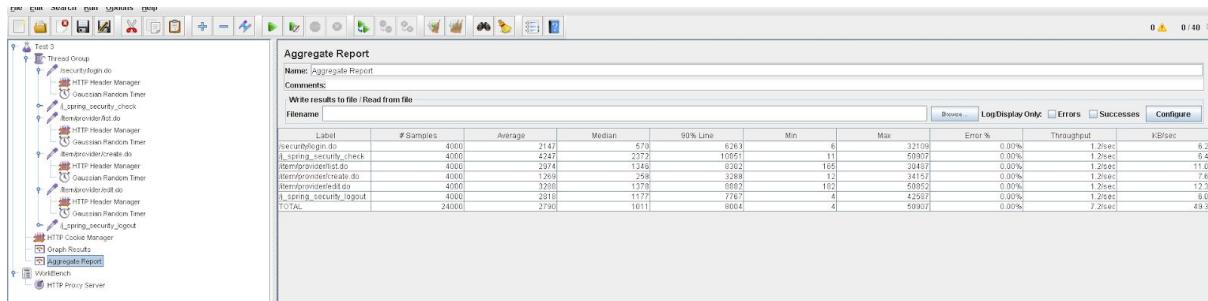


Caso Negativo: El sistema, en este caso, no es capaz de soportar 40 clientes, ya que supera los 3 segundos (2550 ms en el 90% line), tiempo que hemos estimado para que una request haga su acción indicada.

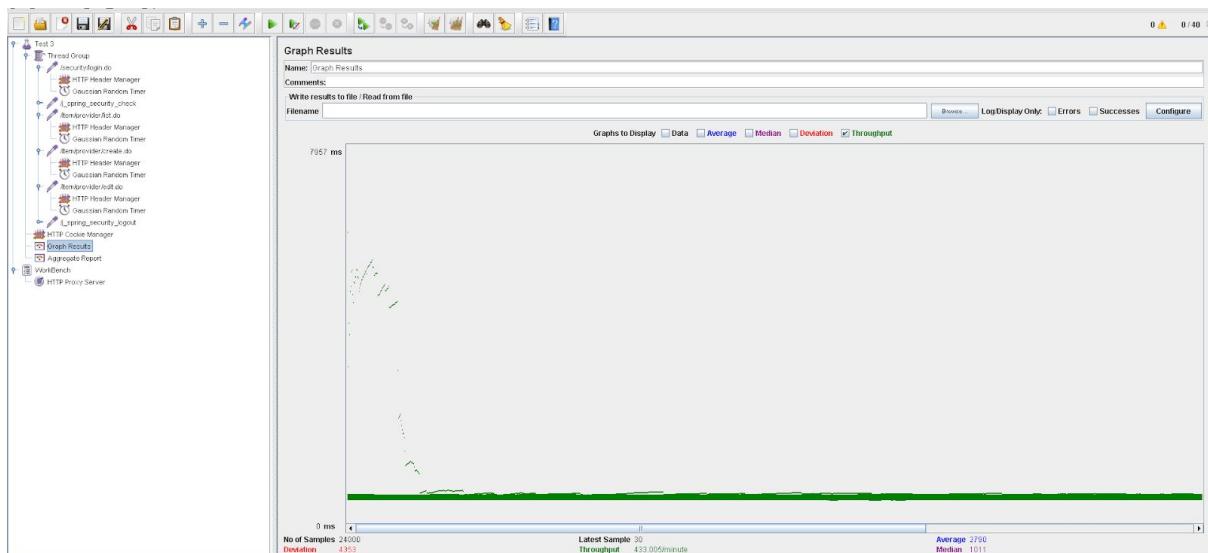
Thread Group



Report



Graph



4.1.4 Updating

Descripción del ordenador que ha realizado el caso de uso:

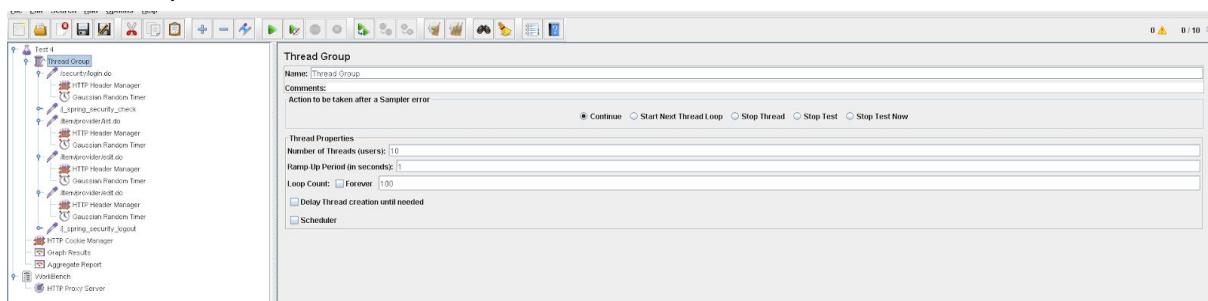
Toshiba Satelite P50B10V:

-Procesador: 2,5GHz Intel Core i7

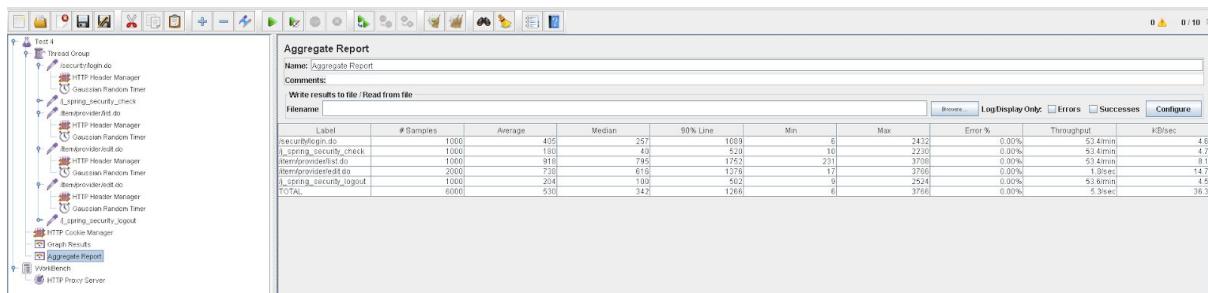
-Memoria RAM: 8 G

Caso Positivo: El sistema, en este caso, es capaz de soportar 10 clientes.

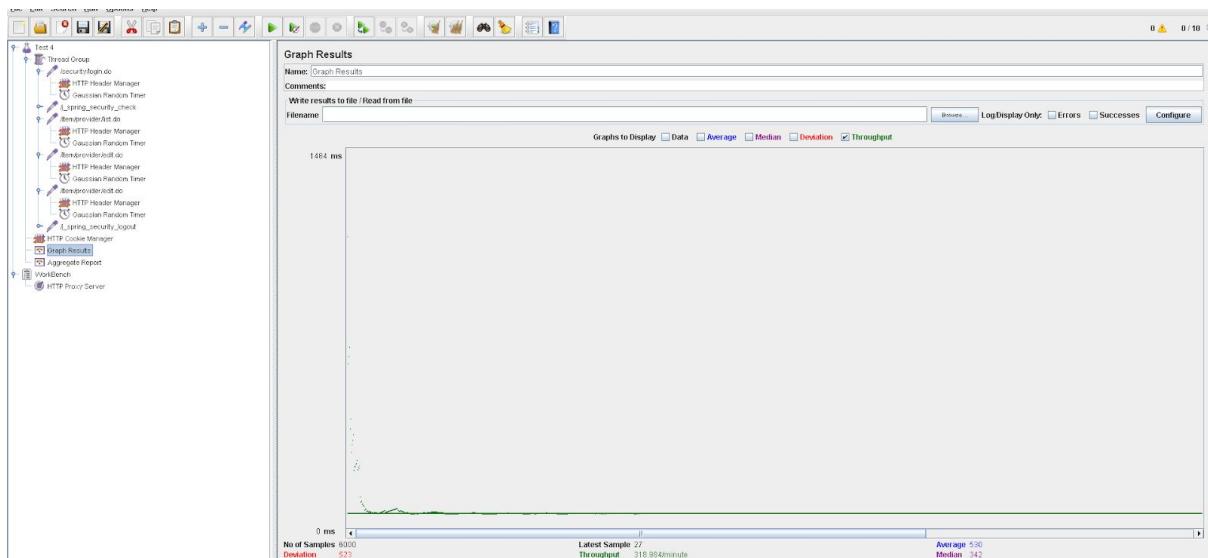
Thread Group



Report

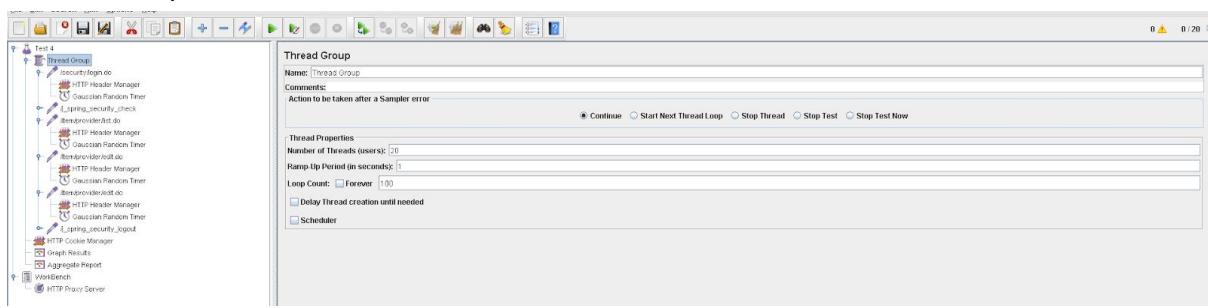


Graph

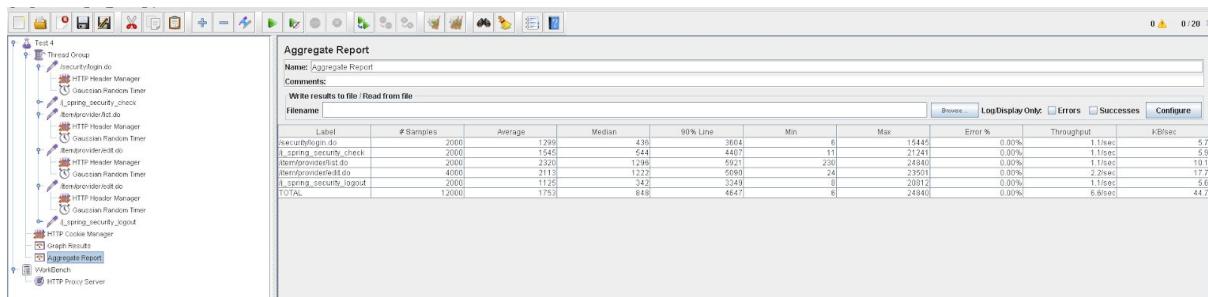


Caso Negativo: El sistema, en este caso, no es capaz de soportar 20 clientes, ya que supera los 3 segundos (2550 ms en el 90% line), tiempo que hemos estimado para que una request haga su acción indicada.

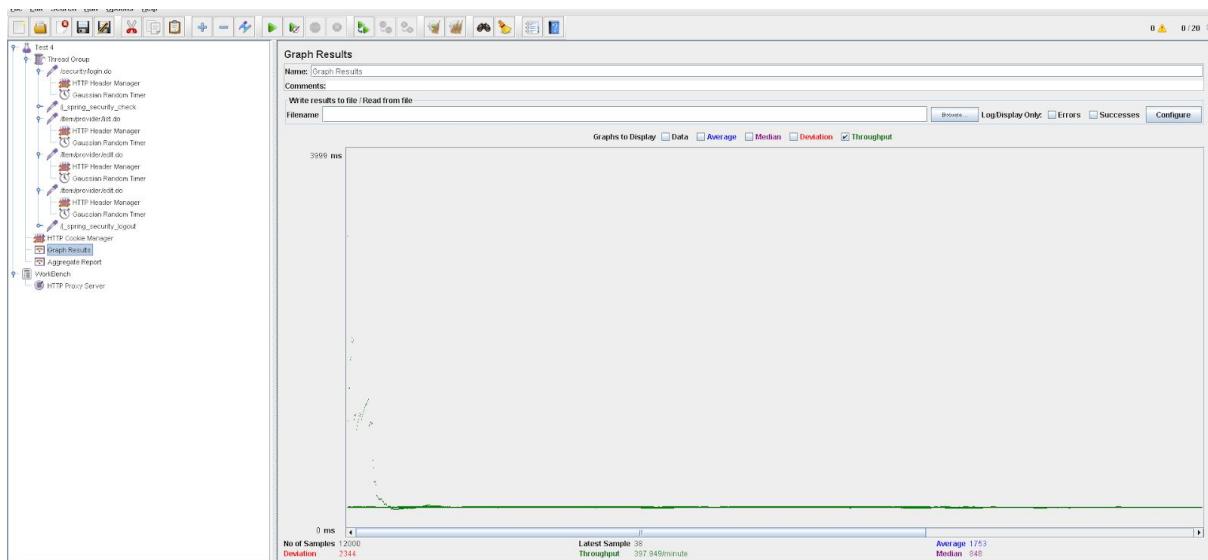
Thread Group



Report



Graph



4.1.5 Deleting

Descripción del ordenador que ha realizado el caso de uso:

MacBook Pro:

- Procesador: 2,3GHz Intel Core i5
- Memoria RAM: 8 GB 2133 MHz LPDDR3

Caso Positivo: El sistema, en este caso, es capaz de soportar 170 clientes.

Thread Group

The screenshot shows the JMeter test plan interface. On the left, there is a tree view of the test plan with nodes like 'Test delete item', 'Thread Group', 'Acme-Rookies', and various HTTP requests and timers. On the right, the 'Thread Group' configuration panel is open. It shows the following settings:

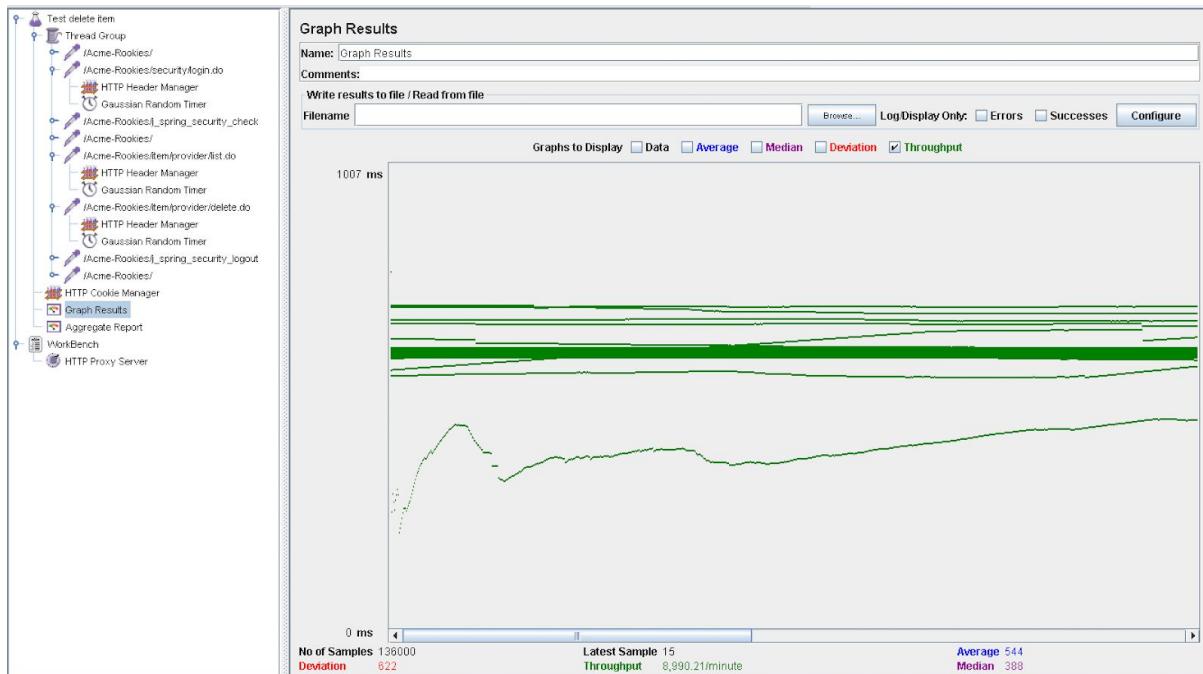
- Name: Thread Group
- Comments: Action to be taken after a Sampler error
- Action to be taken after a Sampler error radio buttons: Continue (selected), Start Next Thread Loop, Stop Thread, Stop Test, Stop Test Now
- Thread Properties:
 - Number of Threads (users): 170
 - Ramp-Up Period (in seconds): 1
 - Loop Count: Forever (selected)
 - Delay Thread creation until needed (checkbox)
 - Scheduler (checkbox)

Report

The screenshot shows the 'Aggregate Report' results from the JMeter test. On the left, the same tree view of the test plan is visible. On the right, the 'Aggregate Report' panel displays the following data:

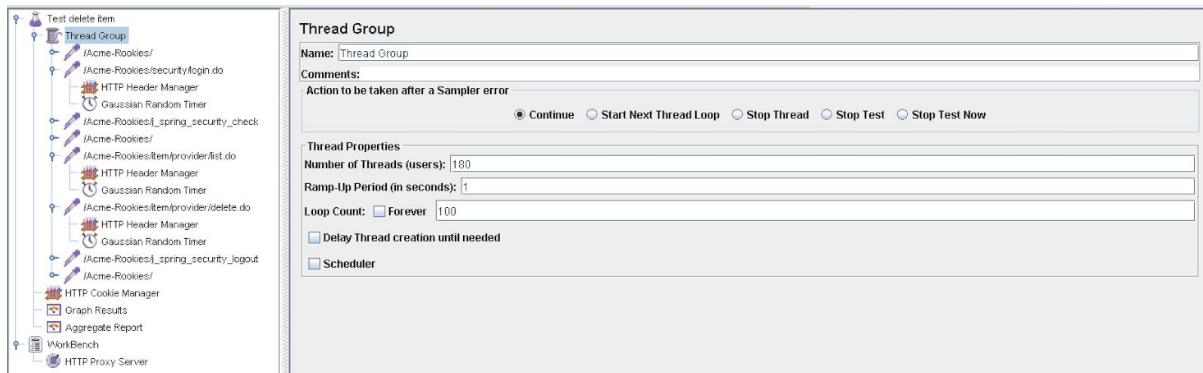
Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/Acme-Rookies/	51000	473	271	1054	3	10923	0.00%	56.2/sec	277.1
/Acme-Rookies/security/login.do	17000	535	385	1109	3	9613	0.00%	18.8/sec	95.2
/Acme-Rookies/_spring_security_check	17000	728	569	1327	6	15399	0.00%	18.8/sec	100.4
/Acme-Rookies/item/provider/list.do	17000	537	390	1097	5	12343	0.00%	18.8/sec	112.6
/Acme-Rookies/item/provider/delete.do	17000	549	388	1148	5	11671	0.00%	18.8/sec	11.1
/Acme-Rookies/_spring_security_logout	17000	586	420	1205	2	9351	0.00%	18.8/sec	95.3
TOTAL	136000	544	388	1136	2	15399	0.00%	149.8/sec	689.3

Graph

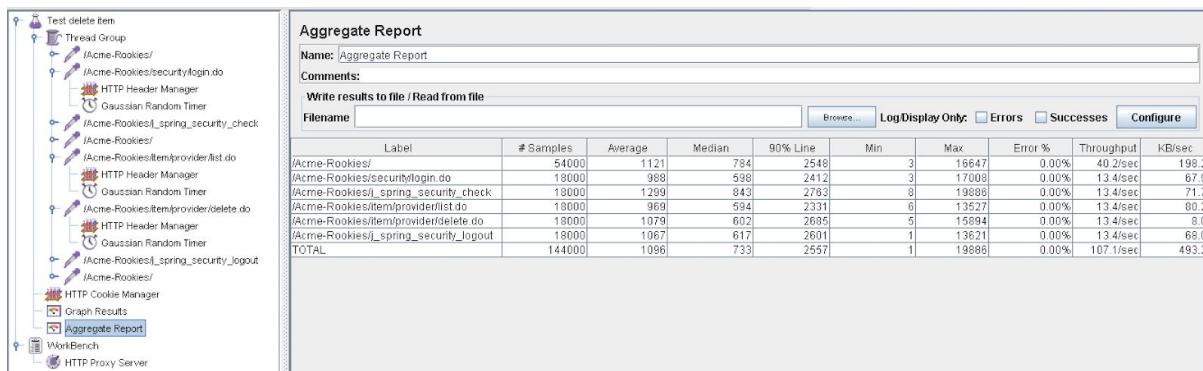


Caso Negativo: El sistema, en este caso, no es capaz de soportar 180 clientes, ya que supera los 3 segundos (2550 ms en el 90% line), tiempo que hemos estimado para que una request haga su acción indicada.

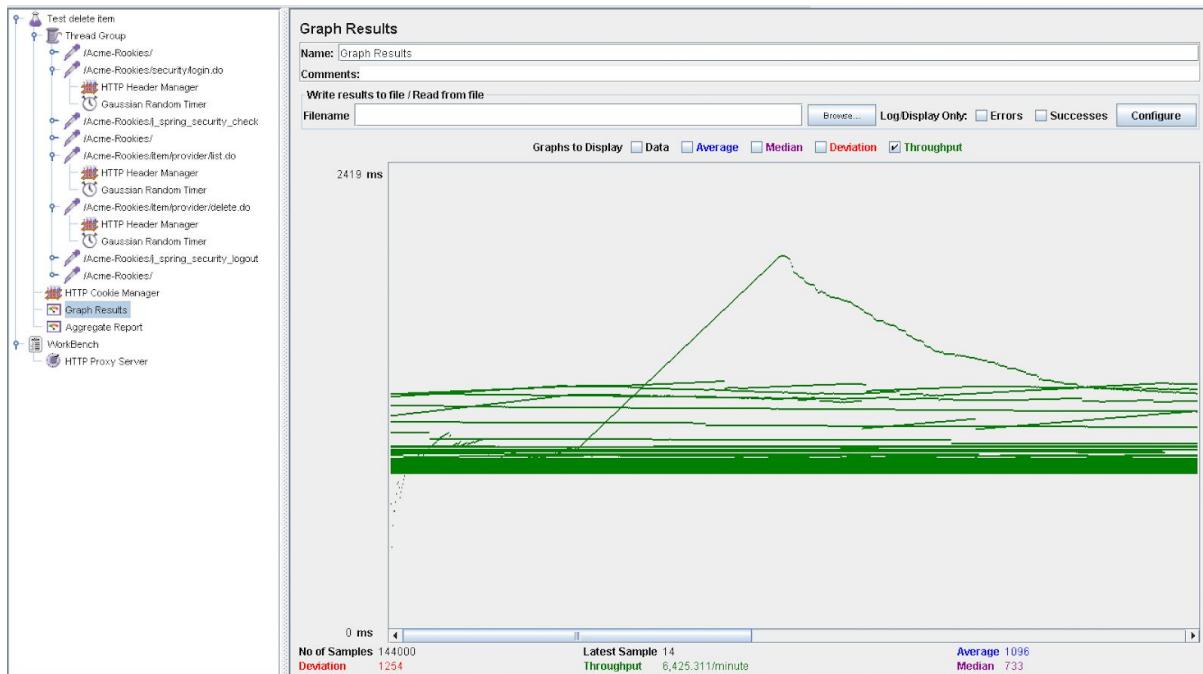
Thread Group



Report



Graph



4.2 Manage his or her sponsorships, which includes

4.2.1 Listing

Descripción del ordenador que ha realizado el caso de uso:

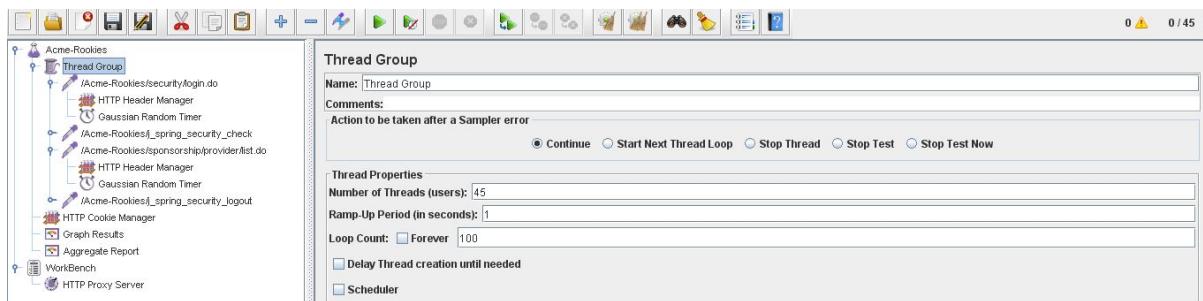
HP Envy 15:

-Procesador: 2,2GHz Intel Core i7-4702MQ

-Memoria RAM: 16GB

Caso Positivo: El sistema, en este caso, es capaz de soportar 45 clientes.

Thread Group



Report

Screenshot of JMeter Aggregate Report interface.

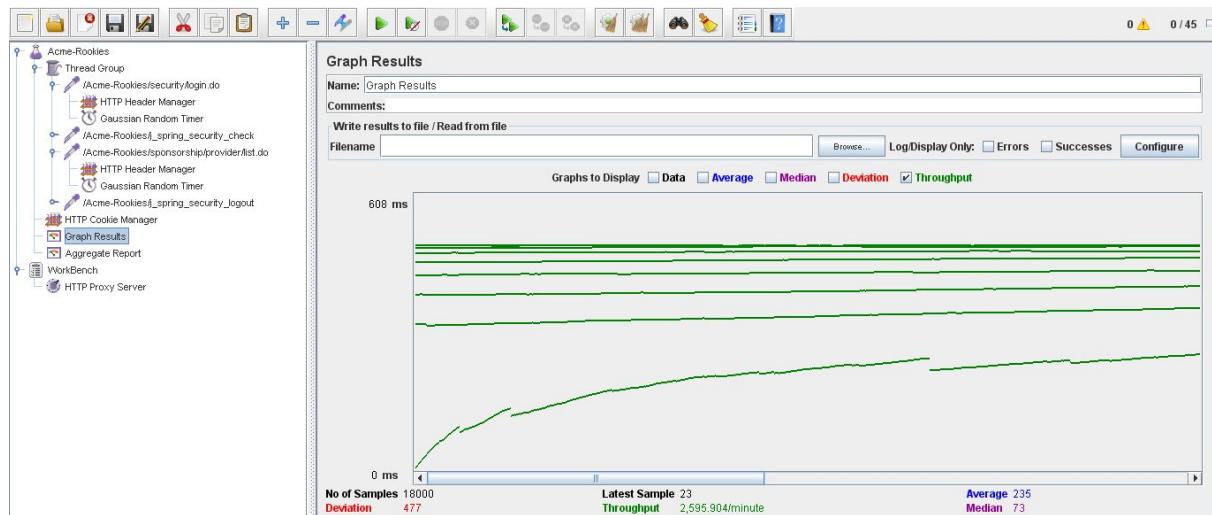
Aggregate Report

Name: Aggregate Report
Comments:

Write results to file / Read from file

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
(Acme-Rookiest...	4500	426	218	984	8	8717	0.00%	10.0/sec	55.7
(Acme-Rookiest...	4500	195	55	489	8	4332	0.00%	11.0/sec	58.2
(Acme-Rookiest...	4500	184	44	432	14	4312	0.00%	11.0/sec	63.0
(Acme-Rookiest...	4500	135	62	320	9	3414	0.00%	11.0/sec	55.4
TOTAL	18000	235	73	568	8	8717	0.00%	43.3/sec	229.8

Graph



Caso Negativo: El sistema, en este caso, no es capaz de soportar 50 clientes, ya que supera los 3 segundos (2550 ms en el 90% line), tiempo que hemos estimado para que una request haga su acción indicada.

Thread Group

Screenshot of JMeter Thread Group configuration interface.

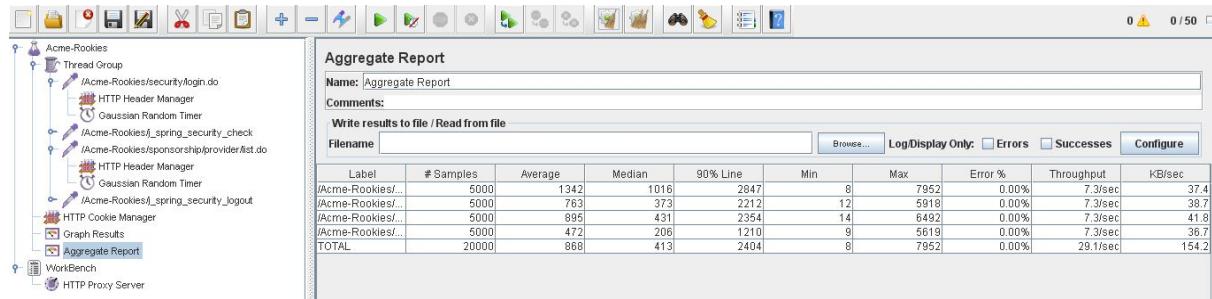
Thread Group

Name: Thread Group
Comments:
Action to be taken after a Sampler error: Continue

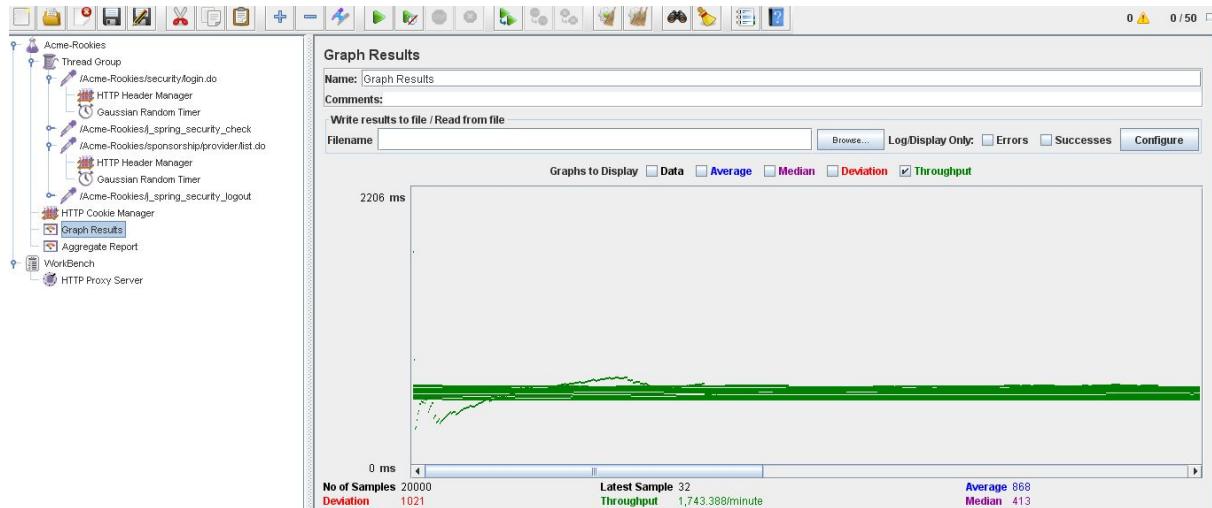
Thread Properties

- Number of Threads (users): 50
- Ramp-Up Period (in seconds): 1
- Loop Count: Forever 100
- Delay Thread creation until needed
- Scheduler

Report



Graph



4.2.2 Showing

Descripción del ordenador que ha realizado el caso de uso:

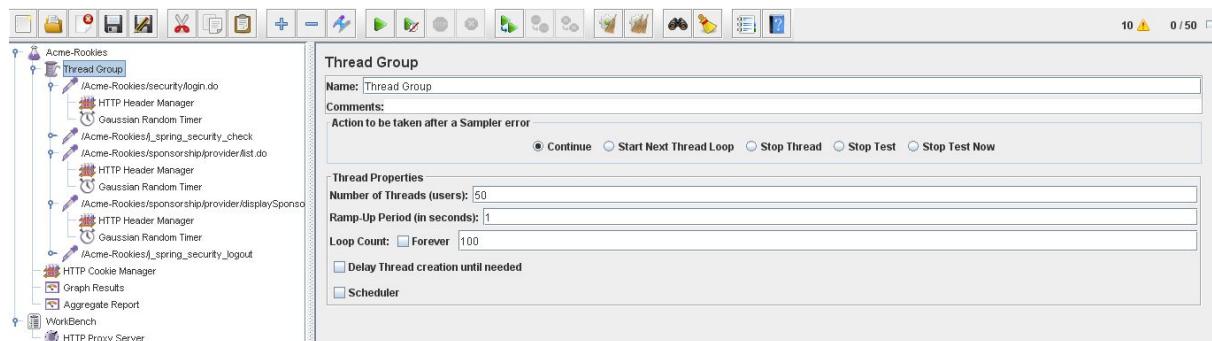
HP Envy 15:

-Procesador: 2,2GHz Intel Core i7-4702MQ

-Memoria RAM: 16GB

Caso Positivo: El sistema, en este caso, es capaz de soportar 50 clientes.

Thread Group



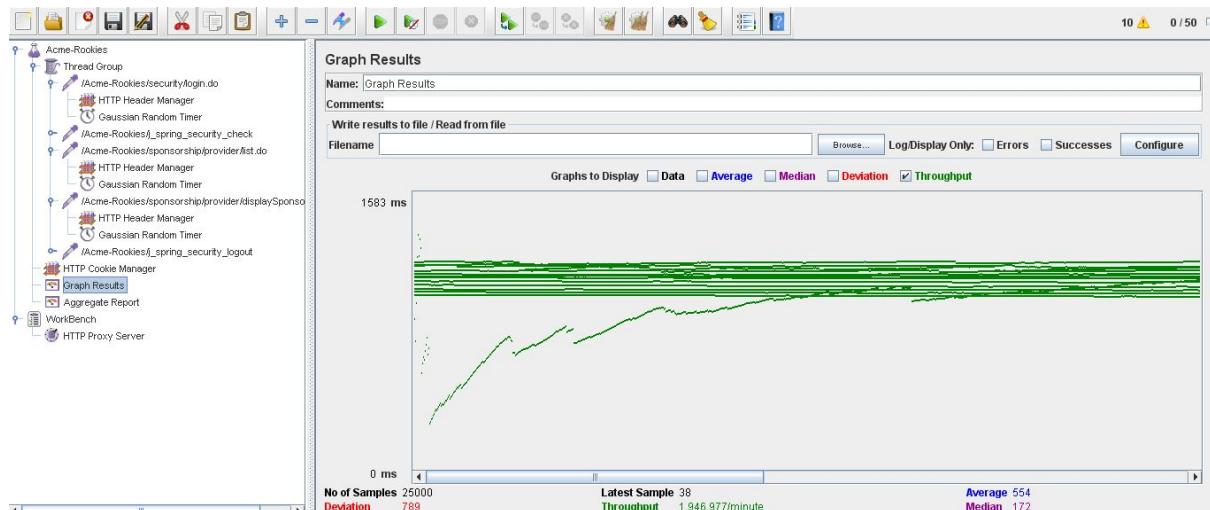
Report

Screenshot of JMeter Aggregate Report results:

Aggregate Report

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
[Acme-Rookies...]	5000	1052	642	2505	8	7344	0.00%	6.5/sec	33.5
[Acme-Rookies...]	5000	449	147	1291	11	4600	0.00%	6.5/sec	34.6
[Acme-Rookies...]	5000	514	108	1794	13	4607	0.00%	6.5/sec	37.4
[Acme-Rookies...]	5000	521	90	1773	14	4099	0.00%	6.5/sec	39.2
[Acme-Rookies...]	5000	236	101	468	9	3725	0.00%	6.5/sec	32.9
TOTAL	25000	554	172	1862	8	7344	0.00%	32.4/sec	176.7

Graph



Caso Negativo: El sistema, en este caso, no es capaz de soportar 55 clientes, ya que supera los 3 segundos (2550 ms en el 90% line), tiempo que hemos estimado para que una request haga su acción indicada.

Thread Group

Screenshot of JMeter Thread Group configuration:

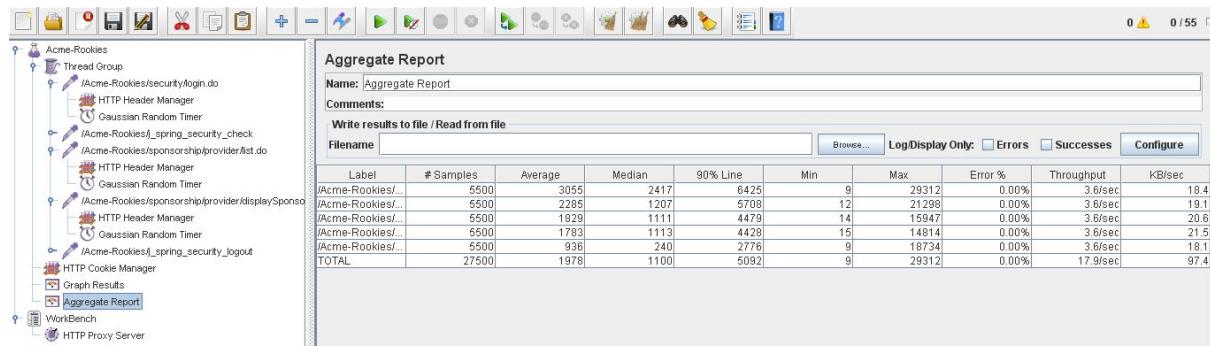
Thread Group

Name: Thread Group
Comments:
Action to be taken after a Sampler error: Continue

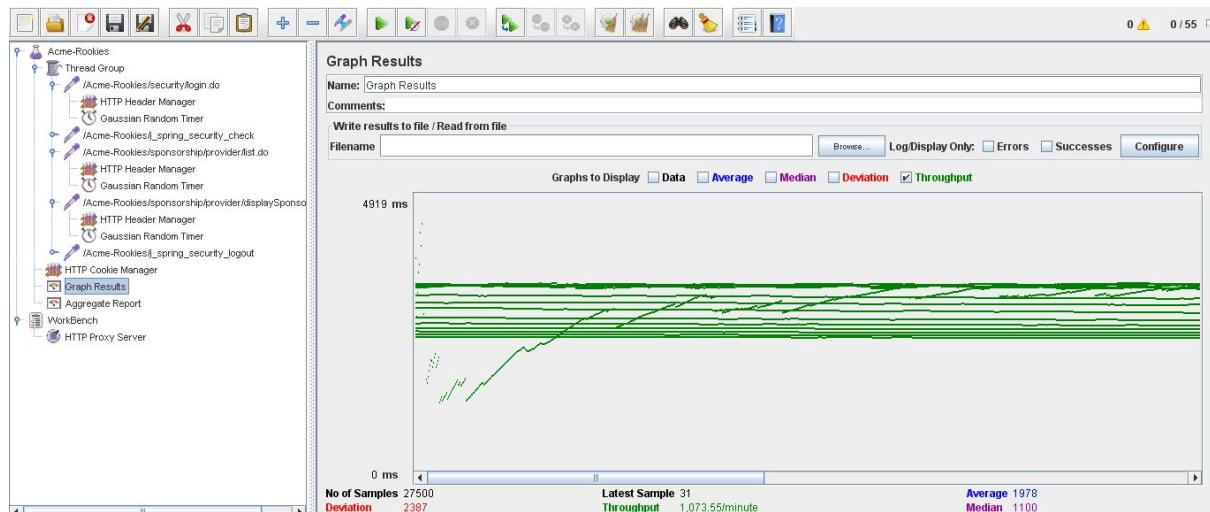
Thread Properties

- Number of Threads (users): 55
- Ramp-Up Period (in seconds): 1
- Loop Count: Forever 100
- Delay Thread creation until needed
- Scheduler

Report



Graph



4.2.3 Creating

Descripción del ordenador que ha realizado el caso de uso:

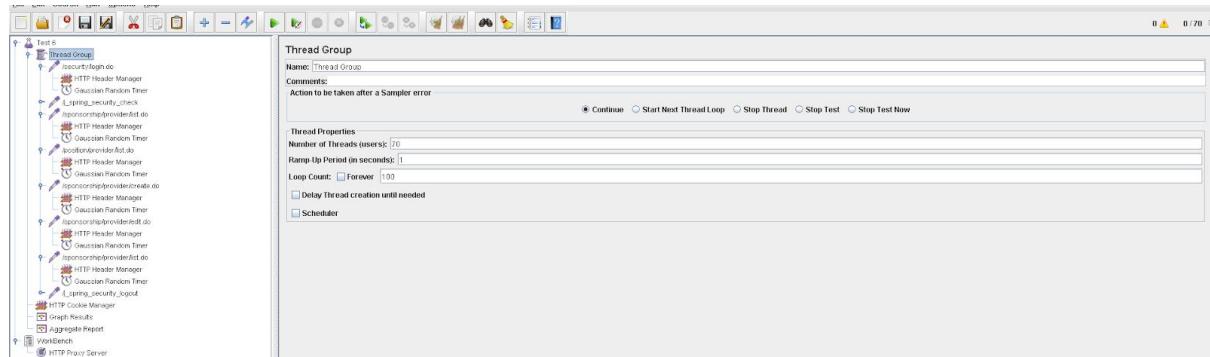
HP Envy 15:

-Procesador: 2,2GHz Intel Core i7-4702MQ

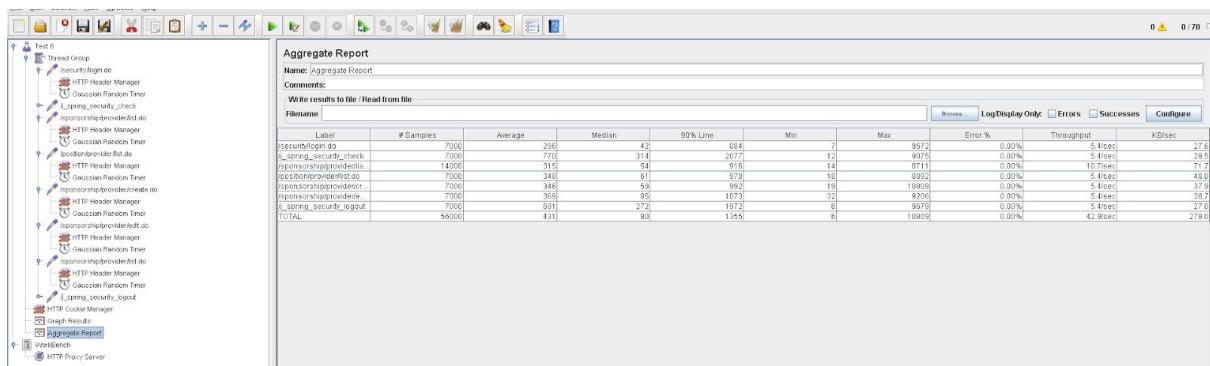
-Memoria RAM: 16GB

Caso Positivo: El sistema, en este caso, es capaz de soportar 70 clientes.

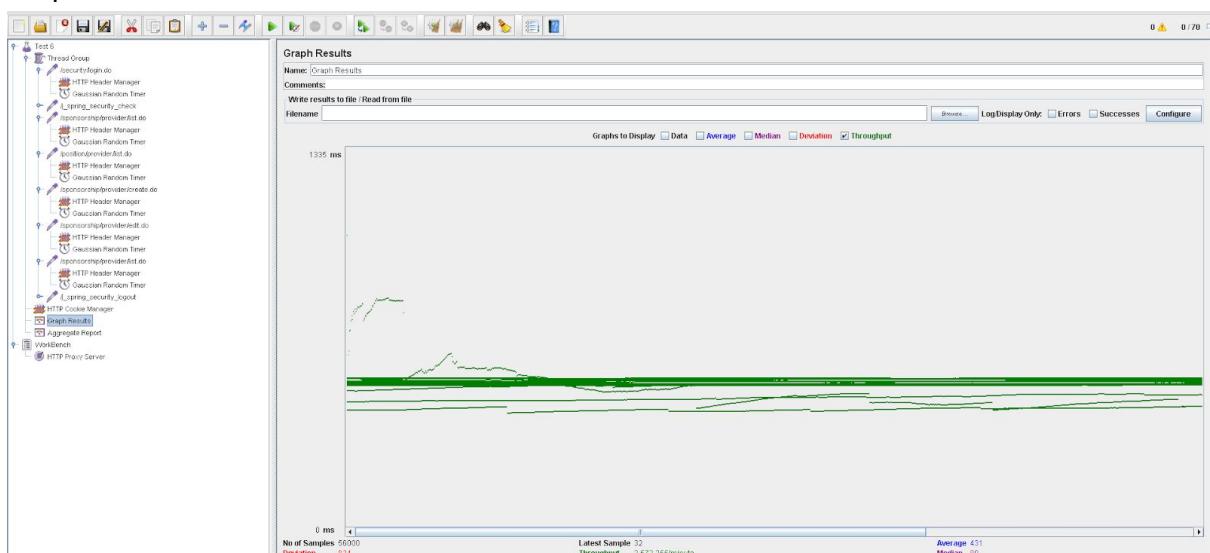
Thread Group



Report

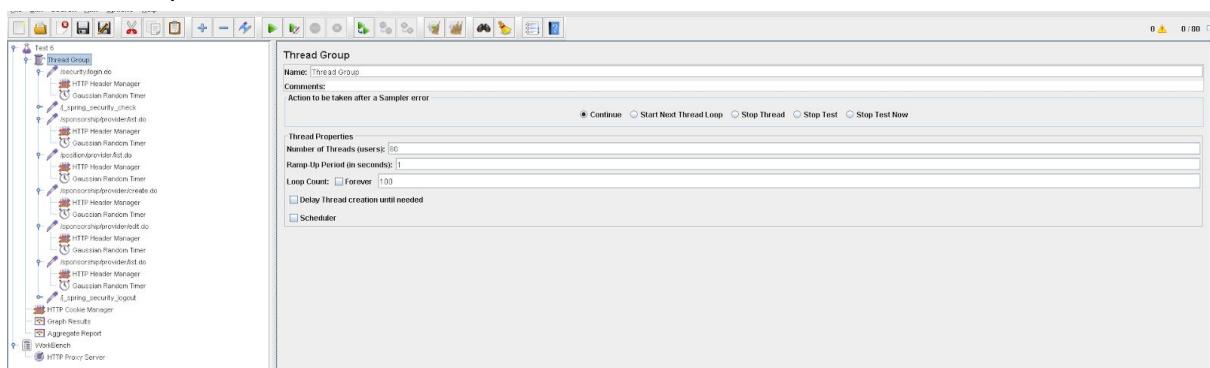


Graph

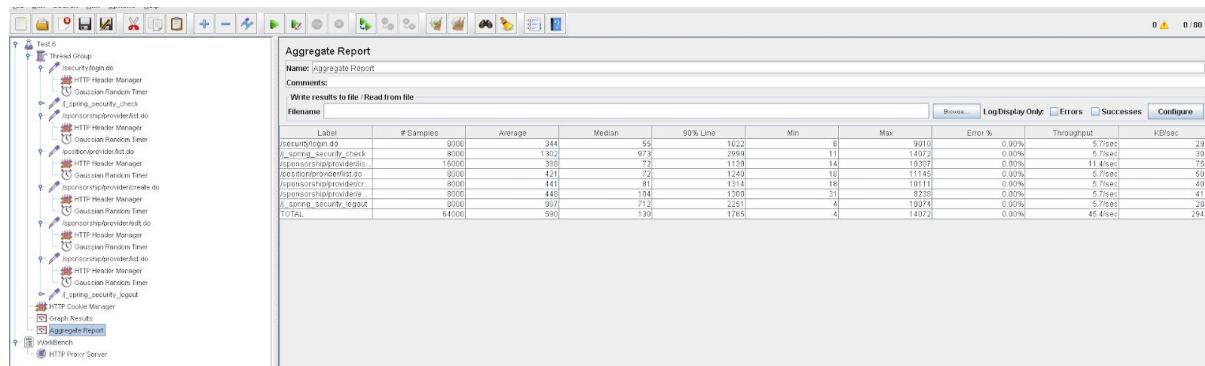


Caso Negativo: El sistema, en este caso, no es capaz de soportar 80 clientes, ya que supera los 3 segundos (2550 ms en el 90% line), tiempo que hemos estimado para que una request haga su acción indicada.

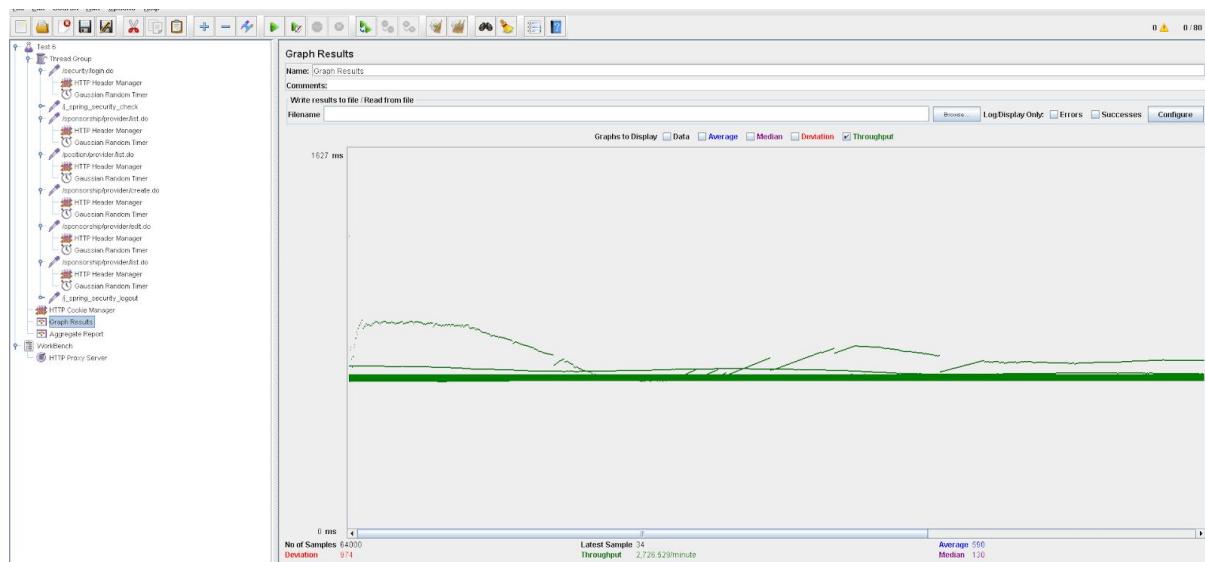
Thread Group



Report



Graph



4.2.4 Updating

Descripción del ordenador que ha realizado el caso de uso:

MacBook Pro:

- Procesador: 2,3GHz Intel Core i5
- Memoria RAM: 8 GB 2133 MHz LPDDR3

Caso Positivo: El sistema, en este caso, es capaz de soportar 90 clientes.

Thread Group

The screenshot shows the JMeter interface with a 'Test update sponsorship' test plan selected. On the left, a tree view shows a 'Thread Group' node expanded, containing various sampler and timer elements. On the right, the 'Thread Group' configuration panel is open, showing the following settings:

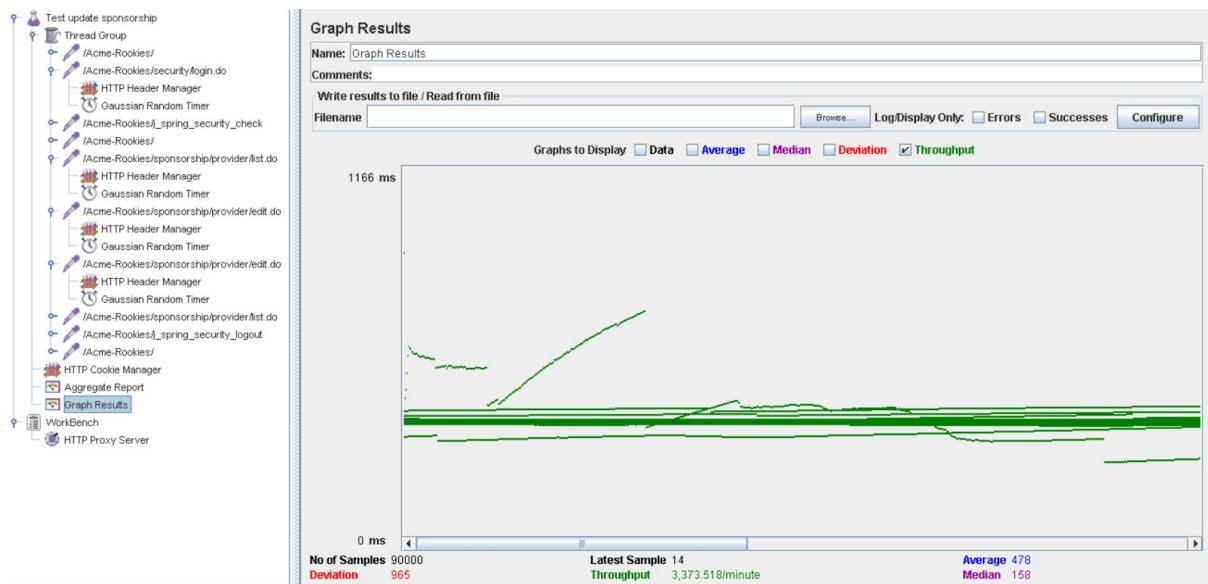
- Name: Thread Group
- Comments: Action to be taken after a Sampler error
- Number of Threads (users): 90
- Ramp-Up Period (in seconds): 1
- Loop Count: Forever 100
- Delay Thread creation until needed
- Scheduler

Report

The screenshot shows the JMeter interface with the same 'Test update sponsorship' test plan. On the left, the tree view shows the 'Aggregate Report' node expanded. On the right, the 'Aggregate Report' configuration panel is open, showing the following results table:

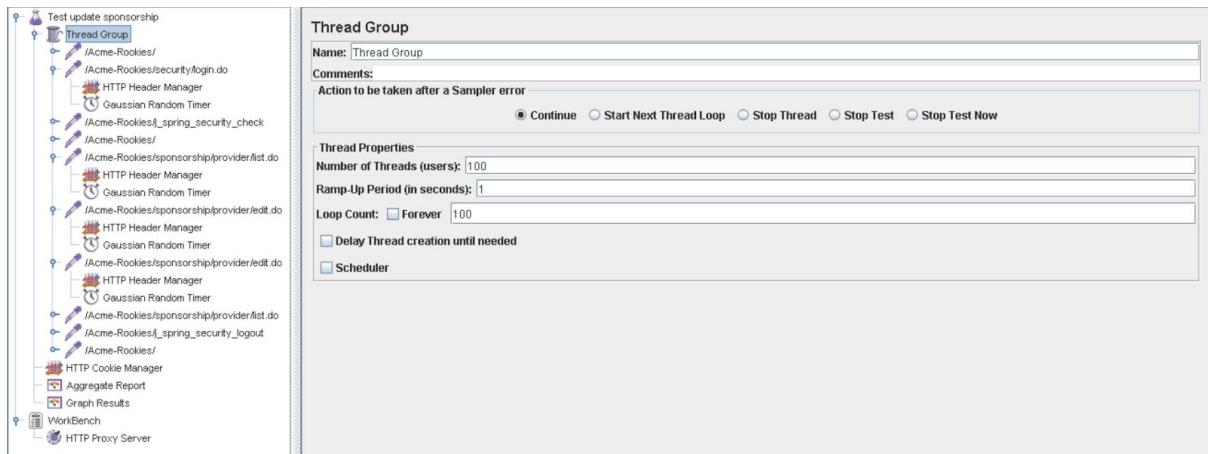
Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/Acme-Rookies/	27000	293	180	628	2	8069	0.00%	16.9/sec	83.1
/Acme-Rookies/security/login.do	9000	330	31	971	2	9441	0.00%	5.7/sec	28.6
/Acme-Rookies/_spring_security_check	9000	590	185	1383	5	15051	0.00%	5.7/sec	30.1
/Acme-Rookies/sponsorship/provider/list.do	18000	367	121	862	5	9361	0.00%	11.3/sec	64.8
/Acme-Rookies/sponsorship/provider/edit.do	18000	847	245	2283	10	18630	0.00%	11.3/sec	76.2
/Acme-Rookies/_spring_security_logout	9000	548	221	1545	5	9198	0.00%	5.7/sec	28.5
TOTAL	90000	478	158	1183	2	16530	0.00%	56.2/sec	310.3

Graph



Caso Negativo: El sistema, en este caso, no es capaz de soportar 100 clientes, ya que supera los 3 segundos (2550 ms en el 90% line), tiempo que hemos estimado para que una request haga su acción indicada.

Thread Group



Report

Test update sponsorship

- Thread Group
 - /Acme-Rookies/
 - /Acme-Rookies/security/login.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/_spring_security_check
 - /Acme-Rookies/
 - /Acme-Rookies/sponsorship/provider/list.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/sponsorship/provider/edit.do
 - HTTP Header Manager
 - Gaussian Random Timer
 - /Acme-Rookies/_spring_security_logout
 - /Acme-Rookies/
 - HTTP Cookie Manager
- Aggregate Report
- Graph Results

WorkBench

HTTP Proxy Server

Aggregate Report

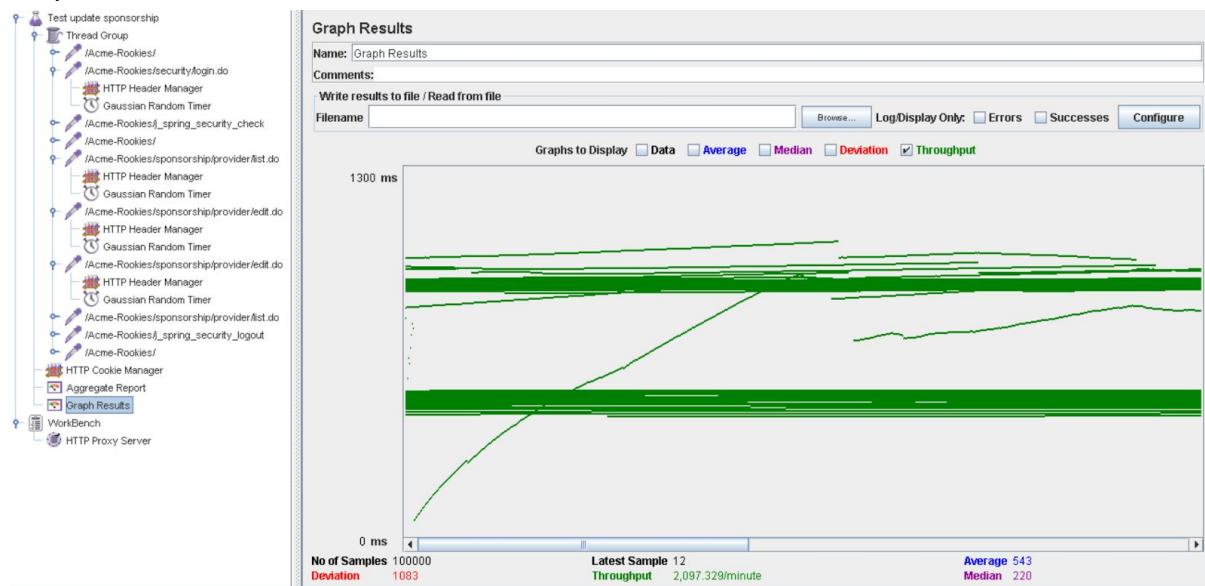
Name: Aggregate Report

Comments:

Write results to file / Read from file

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/Acme-Rookies/	30000	324	222	648	2	9534	0.00%	10.5/sec	51.7
/Acme-Rookies/security/login.do	10000	409	59	1199	2	14848	0.00%	3.5/sec	17.7
/Acme-Rookies/_spring_security_check	10000	669	331	1456	4	15209	0.00%	3.5/sec	18.7
/Acme-Rookies/sponsorship/provider/list.do	20000	415	170	927	4	12027	0.00%	7.0/sec	40.2
/Acme-Rookies/sponsorship/provider/edit.do	20000	981	332	2696	9	23816	0.00%	7.0/sec	47.3
/Acme-Rookies/_spring_security_logout	10000	590	283	1537	4	12691	0.00%	3.5/sec	17.7
TOTAL	100000	543	220	1283	2	23816	0.00%	35.0/sec	192.9

Graph



4.2.5 Deleting

Descripción del ordenador que ha realizado el caso de uso:

MacBook Pro:

- Procesador: 2,3GHz Intel Core i5
- Memoria RAM: 8 GB 2133 MHz LPDDR3

Caso Positivo: El sistema, en este caso, es capaz de soportar 220 clientes.

Thread Group

Thread Group

Name: Thread Group

Comments:

Action to be taken after a Sampler error:

Number of Threads (users): 220

Ramp-Up Period (in seconds): 1

Loop Count: Forever 100

Delay Thread creation until needed

Scheduler

Report

Aggregate Report

Name: Aggregate Report

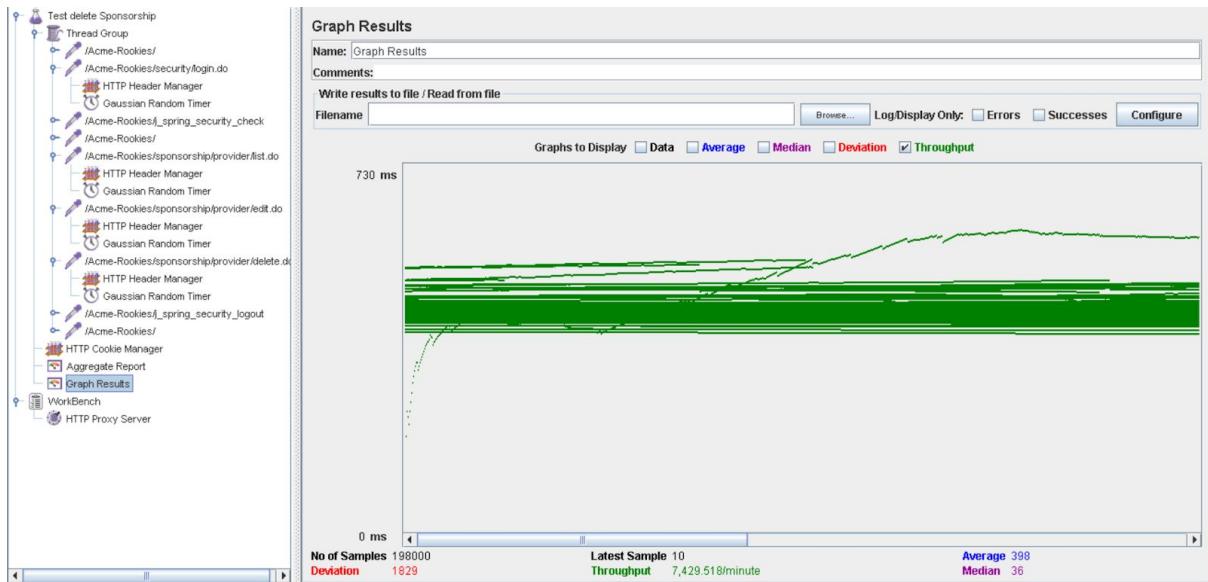
Comments:

Write results to file / Read from file

Filename: []

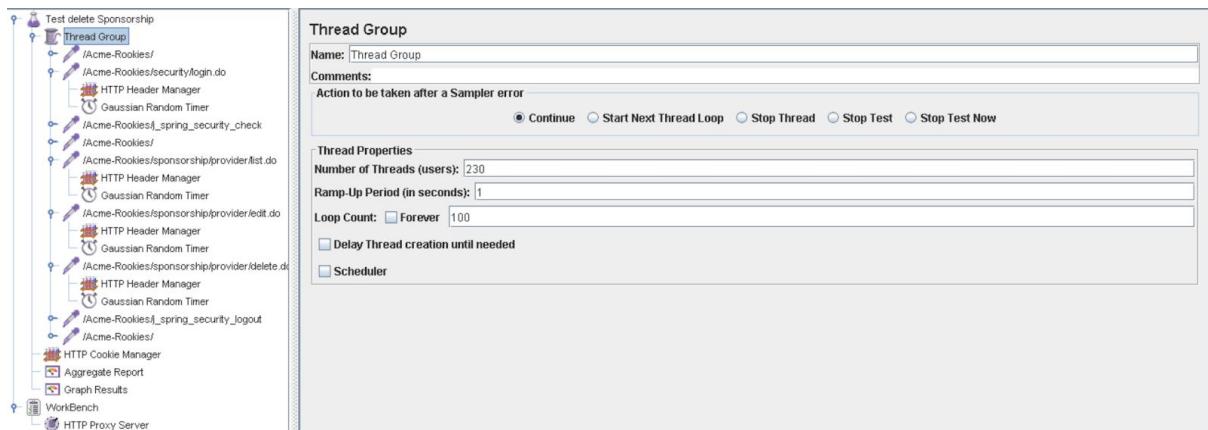
Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/Acme-Rookies/	66000	313	46	634	0	38650	0.00%	41.3/sec	203.4
/Acme-Rookies/security/login.do	22000	293	18	638	1	34629	0.00%	13.9/sec	69.9
/Acme-Rookies/_spring_security_check	22000	637	90	1186	1	65516	0.00%	13.9/sec	73.7
/Acme-Rookies/sponsorship/provider/list.do	22000	305	20	774	1	34466	0.00%	13.9/sec	70.0
/Acme-Rookies/sponsorship/provider/edit.do	22000	288	17	724	2	35313	0.00%	13.9/sec	180.1
/Acme-Rookies/sponsorship/provider/delete.do	22000	634	24	1277	1	56405	0.00%	13.9/sec	20.0
/Acme-Rookies/_spring_security_logout	22000	491	54	922	0	63166	0.00%	13.9/sec	69.9
TOTAL	198000	398	36	780	0	65516	0.00%	123.9/sec	684.7

Graph

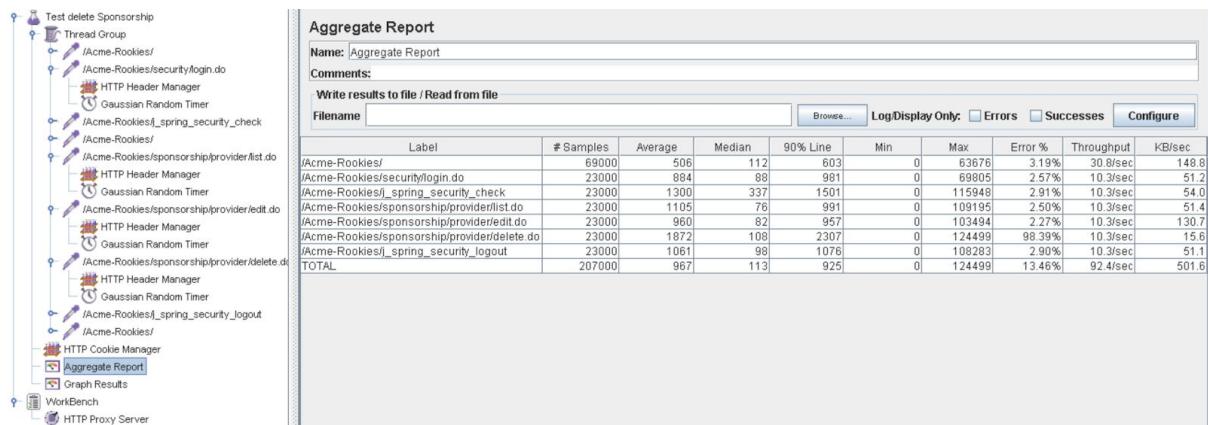


Caso Negativo: El sistema, en este caso, no es capaz de soportar 230 clientes, ya que hay % de error en una request cuando hace su acción indicada.

Thread Group



Report



Graph

