



# TESTS DE RENDIMIENTO

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## Metodología usada para la realización del análisis JMeter

Se han realizado 24 test de rendimiento los cuales cubrirían todos los casos de uso de la aplicación Acme-Newspaper. Estas 24 pruebas se han realizado en un solo ordenador con las especificaciones que se explicarán en el siguiente apartado.

Para considerar si un test es válido se ha usado el siguiente criterio:

- El porcentaje de la tasa de errores es del 0,0%.

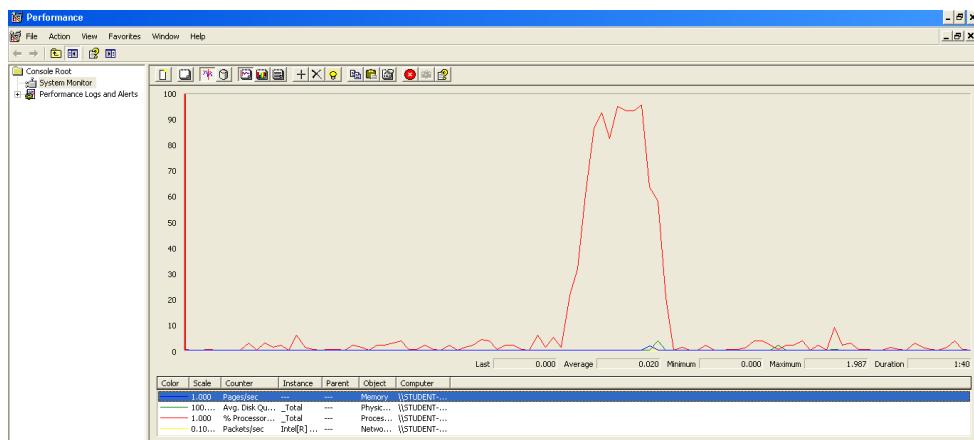
## Dispositivo usado para la realización de los tests JMeter

Para la realización de los test JMeter hemos usado las siguientes configuraciones para la máquina virtual:

Las características de la máquina virtual con el cual han sido testeados los casos de uso 1 al 24 son:

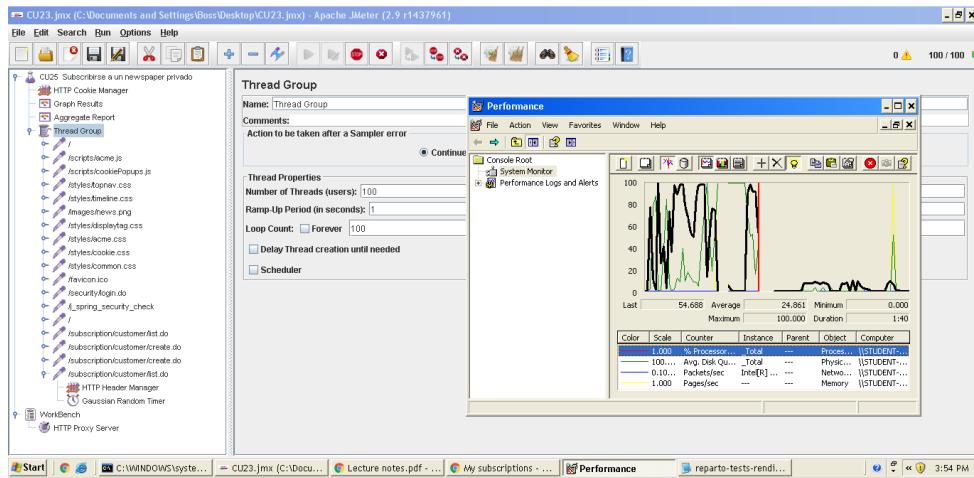
- Memoria Ram: 1536 Mb
- CPU: 2CPUs
- Disco duro: 30 Gb
- Tarjeta de red: Intel Pro/1000 MT

El usuario de esta máquina realizo pruebas para comprobar su máximo workload, un ejemplo es el siguiente:



Como se aprecia en la imagen el procesador actúa de cuello de botella al sobrecargar de trabajo el jMeter esto ocurrió con 50 usuarios y una repetición en el caso de uso CU7

Otro ejemplo es el siguiente:



Como se aprecia en la imagen en este caso el procesador actuó de cuello de botella al sobrecargar de trabajo el jMeter con 100 usuarios y 100 repetición en el caso de uso CU25. Luego para cada caso de uso se fue comprobando la estabilidad del procesador para mantener el “90% Line” estable.

Hay que destacar que algunos test se finalizaron antes de que terminen debido que se consideró que había llegado a un punto constante de prueba y continuar ejecutándolo no aportaría información relevante.

## CU01: Registro de user

**Descripción:** Registrarse como un usuario en la aplicación.

### Thread Group:

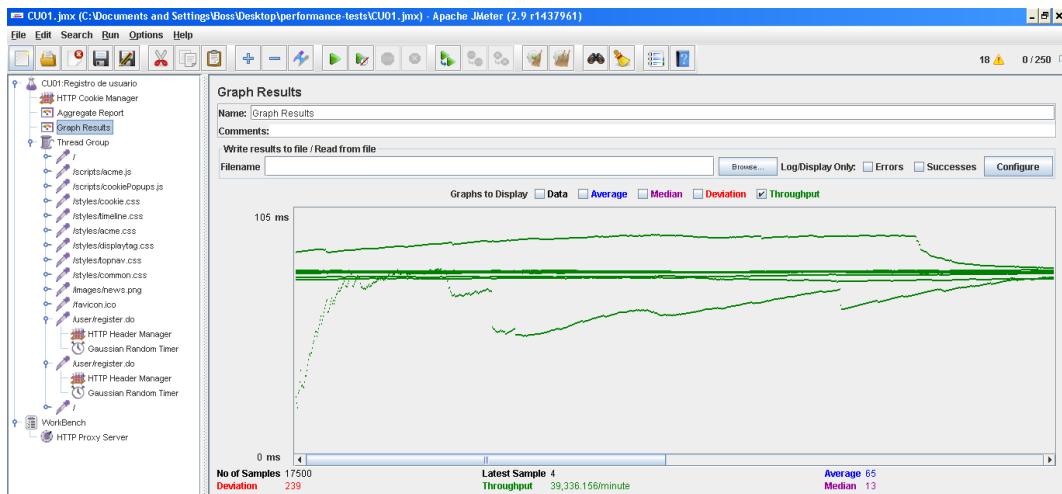
The screenshot shows the Apache JMeter interface with the file 'CU01.jmx' open. In the left sidebar, under 'CU01 Registro de usuario', there is a 'Thread Group' node. The 'Thread Properties' section shows 'Number of Threads (users): 250', 'Ramp-Up Period (in seconds): 1', and 'Loop Count: 5'. There is also a checkbox for 'Delay Thread creation until needed' and another for 'Scheduler'. The main panel displays the 'Thread Group' configuration with various samplers and timers listed.

### Aggregate Report:

The screenshot shows the Apache JMeter interface with the 'Aggregate Report' tab selected. The 'Aggregate Report' section shows the following summary statistics:

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/	2500	34	11	59	2	855	0.00%	93.7/sec	311.8
/scripts/arme.js	1250	26	12	70	1	513	0.00%	53.1/sec	107.9
/scripts/cookiePopups.js	1250	24	11	41	1	854	0.00%	53.1/sec	112.6
/styles/cookie.css	1250	24	11	43	1	960	0.00%	53.1/sec	68.5
/styles/common.css	1250	27	10	42	1	855	0.00%	53.1/sec	411.9
/styles/displaytag.css	1250	30	11	54	1	854	0.00%	53.1/sec	370.1
/styles/arme.css	1250	23	10	48	1	597	0.00%	53.1/sec	160.5
/styles/displaytag	1250	23	10	48	1	948	0.00%	53.1/sec	110.3
/styles/cookiePopups.css	1250	26	10	46	0	540	0.00%	53.1/sec	30.8
/styles/common.css	1250	23	10	44	1	890	0.00%	53.2/sec	553.6
/images/news.png	1250	32	18	63	2	950	0.00%	53.2/sec	553.6
/favicon.ico	1250	37	18	84	1	948	0.00%	53.2/sec	553.6
/user/register.do	2500	282	33	805	3	7180	0.00%	99.2/sec	555.8
TOTAL	17500	65	13	104	0	7180	0.00%	655.6/sec	11803.6

### Graph Results:



## CU02: Buscar newspaper publicado por palabra clave

**Descripción:** Realizar una búsqueda de un newspaper utilizando una palabra sin estar autenticado.

### Thread Group:

CU02.jmx (C:\Documents and Settings\Boss\Desktop\performance-tests\CU02.jmx) - Apache JMeter (2.9 r1437961)

File Edit Search Run Options Help

CU02:Buscar newspaper por palabra clave

- HTTP Cookie Manager
- Aggregate Report
- Graph Results
- Thread Group**
- WorkBench

**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): 300

Ramp-Up Period (in seconds): 1

Loop Count:  Forever 10

Delay Thread creation until needed

Scheduler

### Aggregate Report:

CU02.jmx (C:\Documents and Settings\Boss\Desktop\performance-tests\CU02.jmx) - Apache JMeter (2.9 r1437961)

File Edit Search Run Options Help

CU02:Buscar newspaper por palabra clave

- HTTP Cookie Manager
- Aggregate Report
- Graph Results
- Thread Group**
- WorkBench

**Aggregate Report**

Name: Aggregate Report

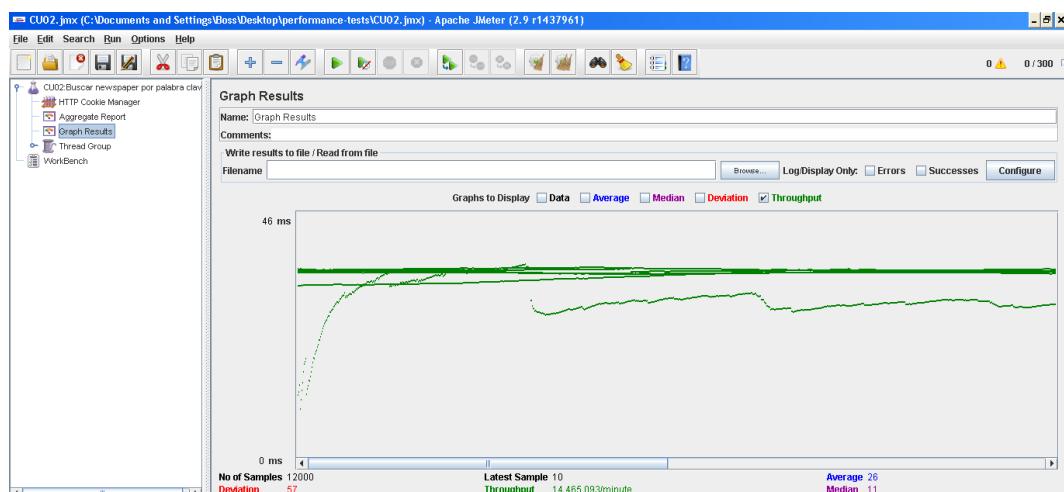
Comments:

Write results to file / Read from file

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/newspaper/search	3000	12	8	25	1	489	0.00%	66.4/sec	223.9
/newspaper/display	6000	15	9	33	1	793	0.00%	127.6/sec	493.6
TOTAL	3000	60	27	148	4	1032	0.00%	65.9/sec	304.2
	12000	26	11	51	1	1032	0.00%	241.1/sec	947.9

Include group name in label?  Save Table Data  Save Table Header

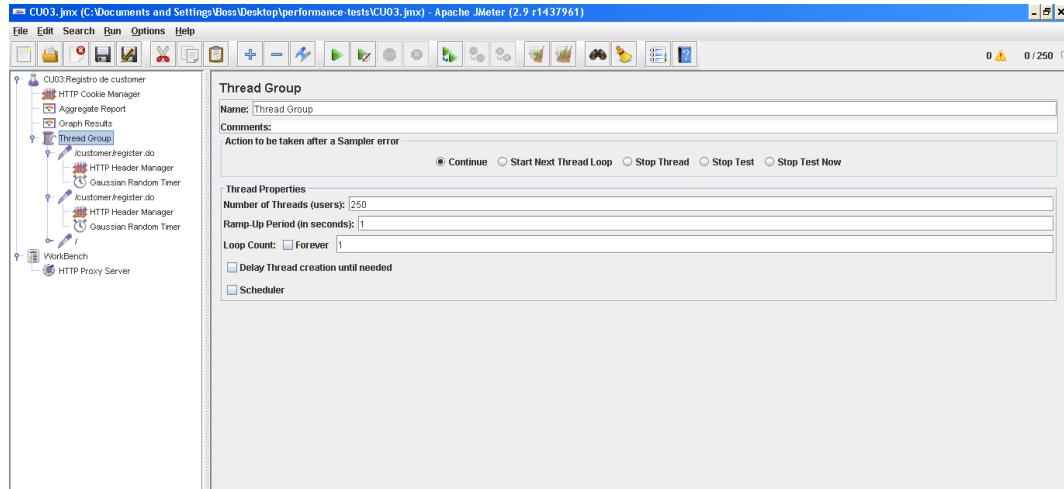
### Graph Results:



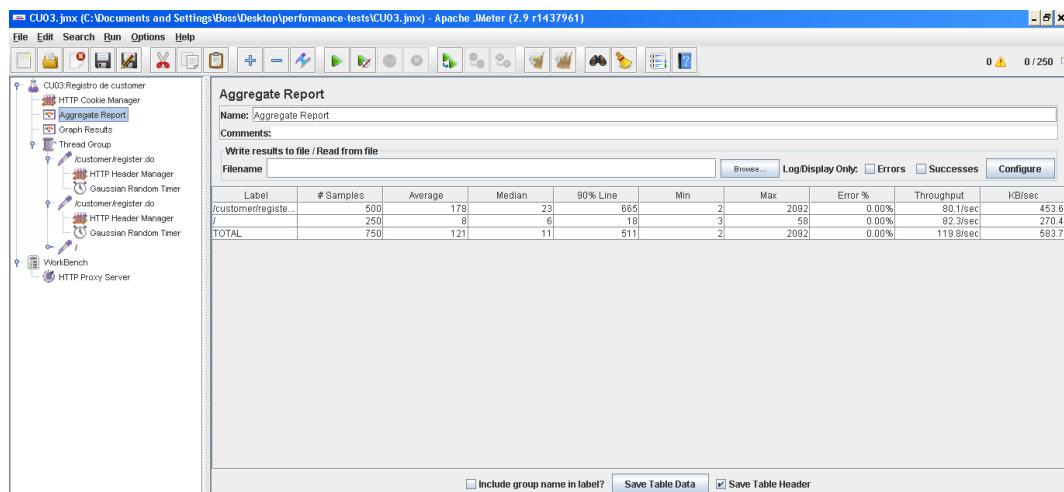
## CU03: Registro de customer

**Descripción:** Registrarse en la aplicación como Customer.

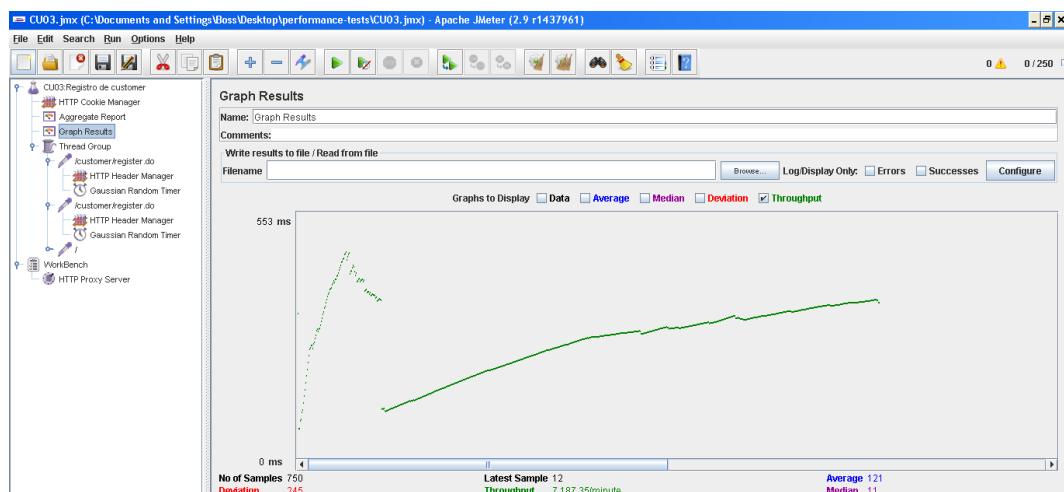
### Thread Group:



### Aggregate Report:



### Graph Results:



## CU04: Listar newspapers publicados y mostrar sus artículos

**Descripción:** Como usuario no registrado se lista los newspaper que estén publicados y se muestra sus artículos.

### Thread Group:

The screenshot shows the Apache JMeter interface with the test plan titled "CU04.jmx". The left pane displays the test plan structure, including a "Thread Group" node under the main test plan. The right pane shows the "Thread Group" configuration panel. Key settings include:

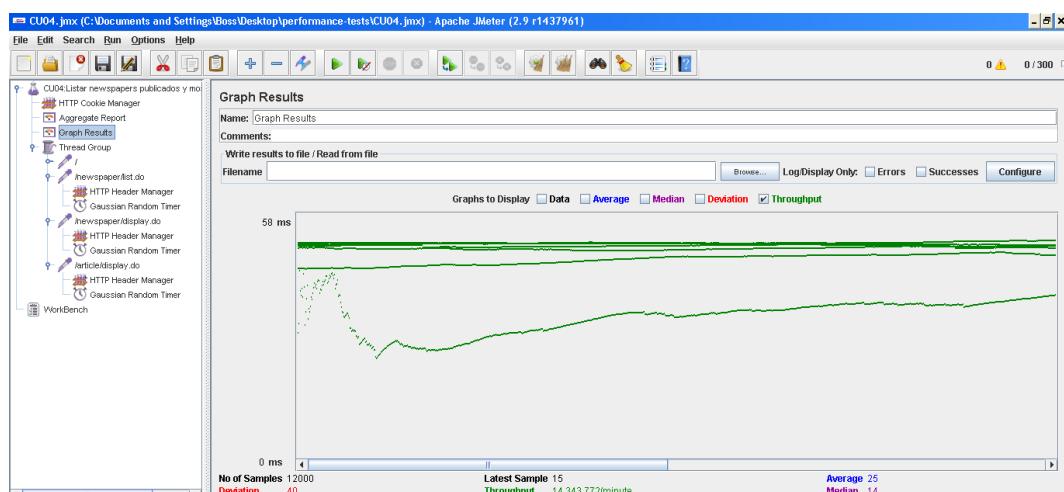
- Name:** Thread Group
- Comments:** Action to be taken after a Sampler error
- Action to be taken after a Sampler error:** Continue (radio button selected)
- Number of Threads (users):** 300
- Ramp-Up Period (in seconds):** 1
- Loop Count:** Forever (checkbox checked)
- Delay Thread creation until needed** (checkbox checked)
- Scheduler** (checkbox checked)

### Aggregate Report:

The screenshot shows the Apache JMeter interface with the "Aggregate Report" configuration panel. The left pane shows the test plan structure. The right pane displays the aggregate report table with the following data:

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/newspaperlist.do	3000	11	6	16	1	243	0.00%	65.0/sec	219.0
/newspaperdisplay.do	3000	23	16	45	3	422	0.00%	64.7/sec	247.0
/articledisplay.do	3000	28	18	53	3	682	0.00%	65.4/sec	302.0
TOTAL	12000	25	14	49	1	682	0.00%	239.1/sec	989.7

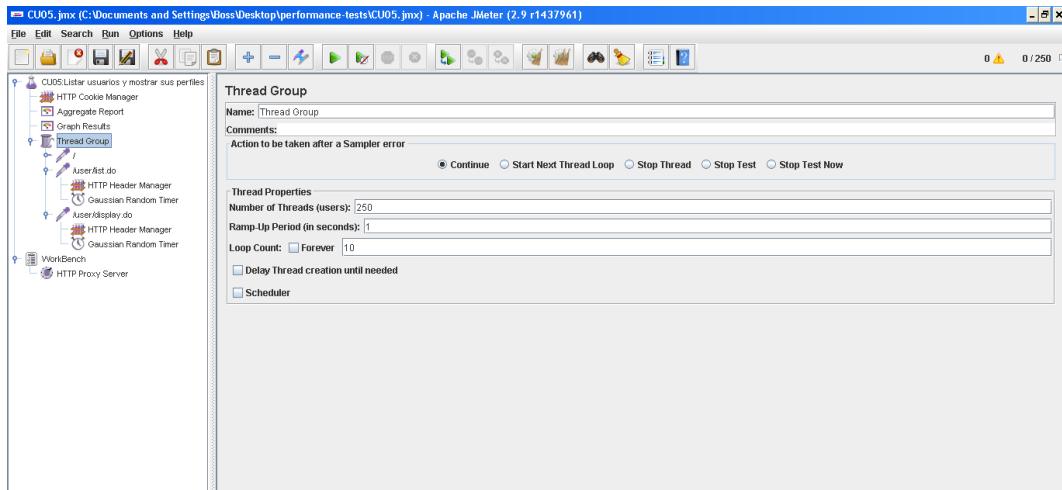
### Graph Results:



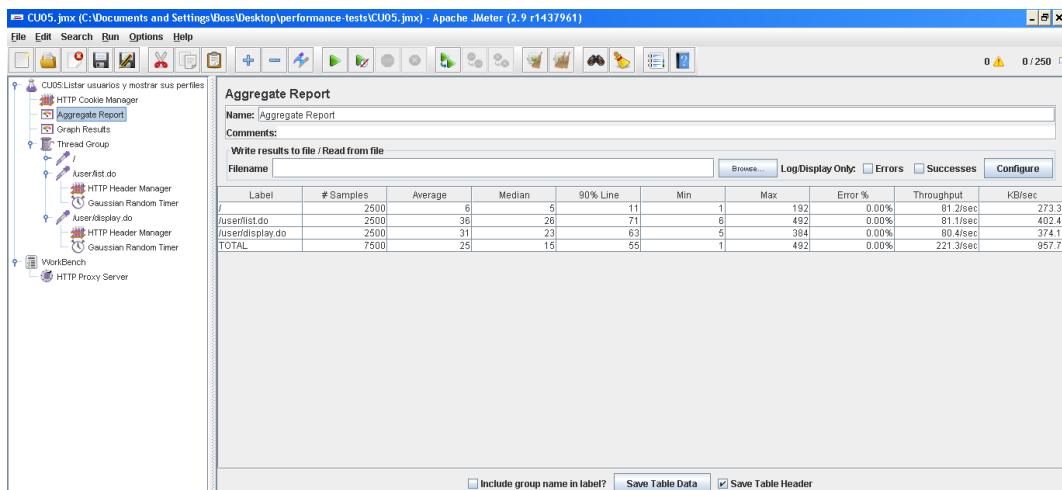
## CU05: Listar users del sistema y mostrar sus perfiles

**Descripción:** Como usuario no registrado se lista los usuarios del sistema y se prueba el display de uno.

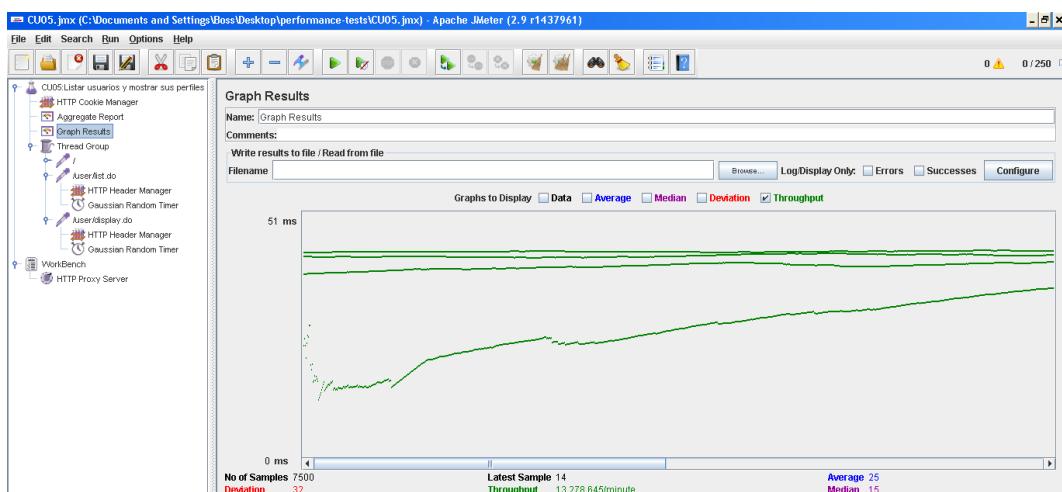
### Thread Group:



### Aggregate Report:



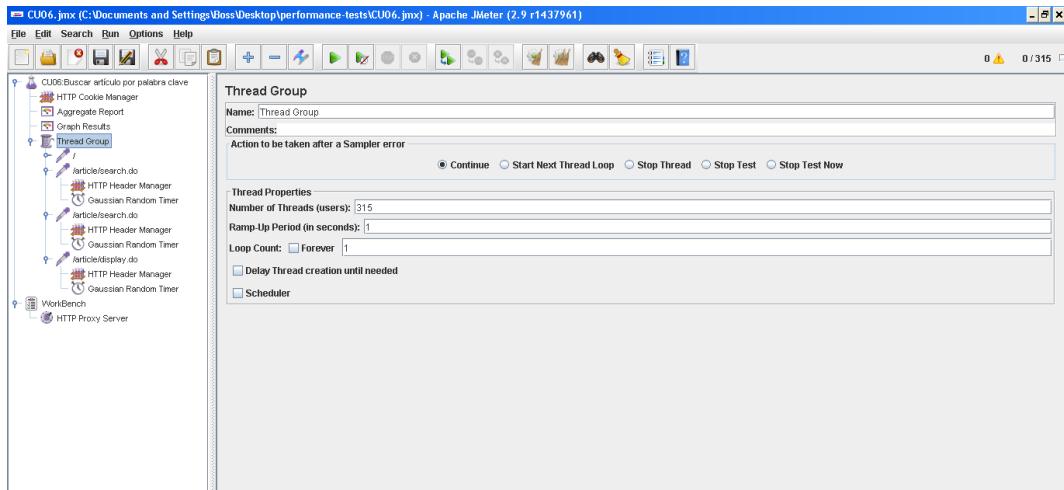
### Graph Results:



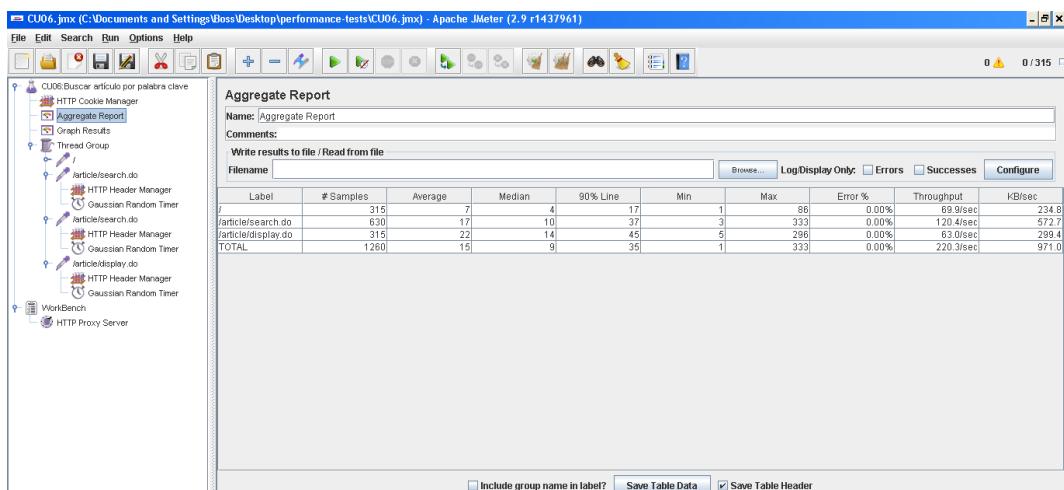
## CU06: Buscar artículo publicado por palabra clave

**Descripción:** Como usuario no registrado se realiza una búsqueda de un artículo usando una palabra.

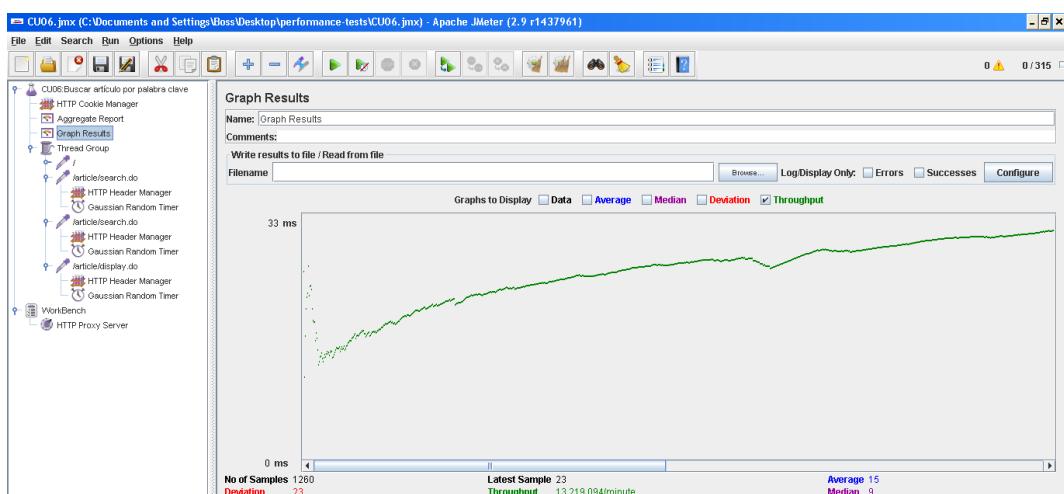
### Thread Group:



### Aggregate Report:



### Graph Results:



## CU07: Crear un newspaper

**Descripción:** Nos autentificamos como usuario y luego creamos un newspaper rellenando todos los campos del formulario.

### Thread Group:

The screenshot shows the Apache JMeter interface with the following configuration for the Thread Group:

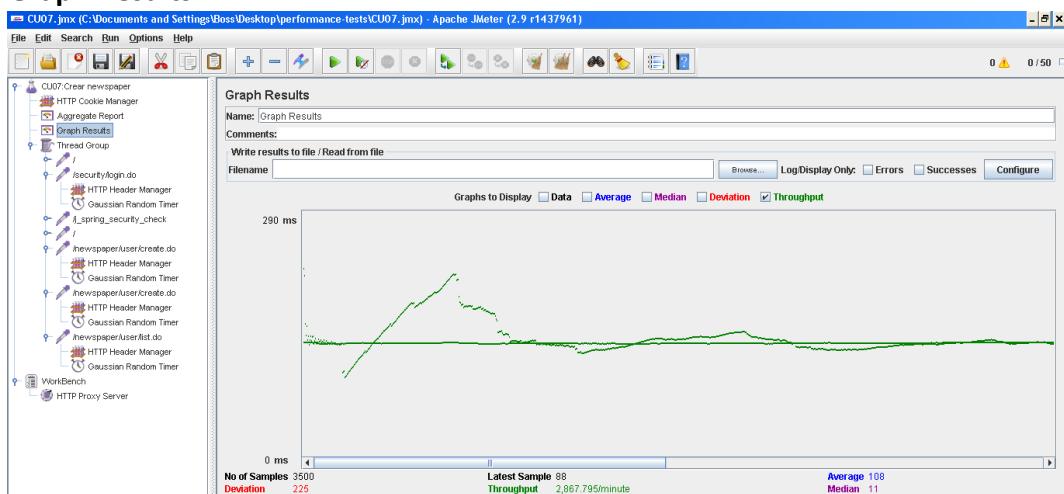
- Name:** Thread Group
- Comments:** Action to be taken after a Sampler error: Continue
- Thread Properties:**
  - Number of Threads (users): 50
  - Ramp-Up Period (in seconds): 1
  - Loop Count: Forever 10
  - Delay Thread creation until needed
  - Scheduler

### Aggregate Report:

The screenshot shows the Apache JMeter interface with the following Aggregate Report results:

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/security/login.do	1000	13	5	33	1	367	0.00%	14.7/sec	58.3
/l_spring_security_check	500	10	5	15	3	179	0.00%	7.5/sec	27.8
/newspaperUser/create	500	36	11	96	6	695	0.00%	7.5/sec	35.8
/newspaperUser/create do	1000	208	76	585	4	2088	0.00%	14.5/sec	99.1
/newspaperUser/list	500	268	181	586	76	1301	0.00%	7.4/sec	58.2
TOTAL	3500	108	11	320	1	2088	0.00%	47.8/sec	258.5

### Graph Results:



## CU08: Publicar un newspaper creado

**Descripción:** Nos autentificamos como usuario, luego vamos a edición de uno de nuestros newspaper y marcamos publicar.

### Thread Group:

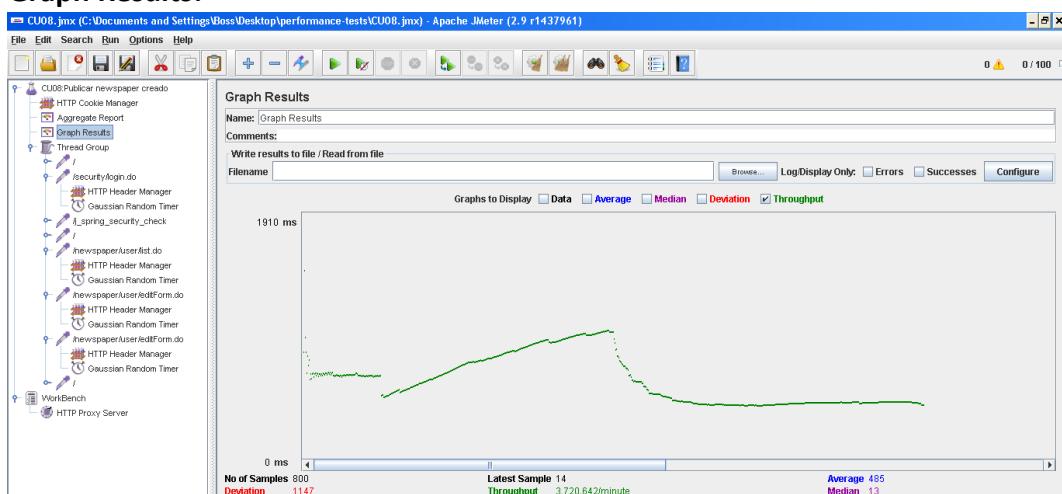
The screenshot shows the Apache JMeter interface with the file 'CU08.jmx' open. The left pane displays a tree view of the test plan, including a 'Thread Group' node with multiple samplers like 'security/login.do' and 'newspaper/user/do'. The right pane shows the 'Thread Group' configuration panel. The 'Name' field is set to 'Thread Group'. Under 'Comments', there is a note: 'Action to be taken after a Sampler error'. Below that, 'Number of Threads (users)' is set to 100, 'Ramp-Up Period (in seconds)' is 1, and 'Loop Count' is set to 'Forever'. There are also options for 'Delay Thread creation until needed' and 'Scheduler'.

### Aggregate Report:

The screenshot shows the 'Aggregate Report' results for the 'CU08' test plan. The left pane shows the test plan structure. The right pane displays a table of results. The table includes columns for Label, # Samples, Average, Median, 90% Line, Min, Max, Error %, Throughput, and kB/sec. The results show 800 samples with an average response time of 485 ms, a median of 13 ms, and a throughput of 136.1 KB/sec. The table also includes a 'TOTAL' row.

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	kB/sec
/security/login.do	300	6	4	12	1	58	0.00%	23.3/sec	96.6
/l_spring_security_check	100	8	6	14	3	35	0.00%	77.6/sec	286.8
/l_spring_security_check	100	19	15	36	6	71	0.00%	76.7/sec	365.0
/newspaper/user/do	2649	2484	5215	90	5709	0.00%	14.6/sec	114.1	
/newspaper/user/do	200	594	135	1874	20	4558	0.00%	23.6/sec	136.1
TOTAL	800	485	13	1825	1	5709	0.00%	62.0/sec	312.2

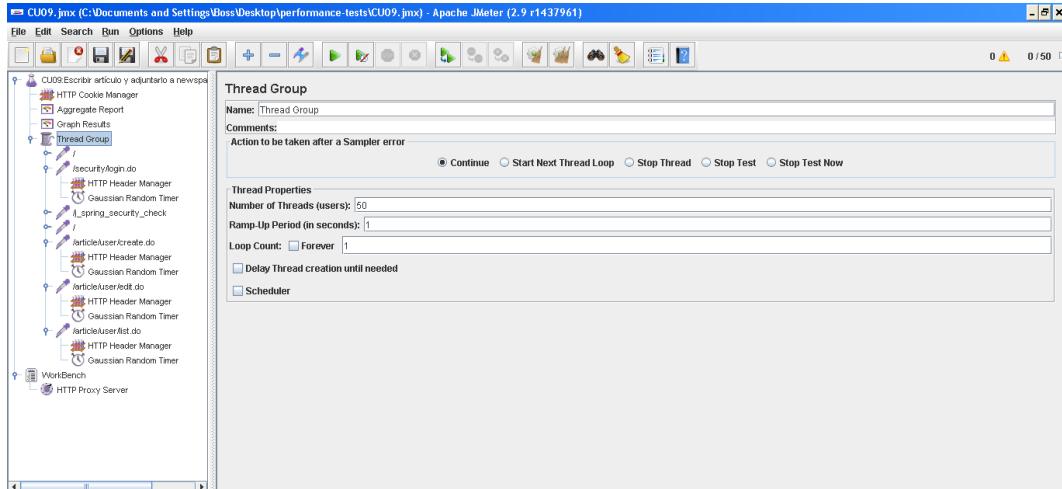
### Graph Results:



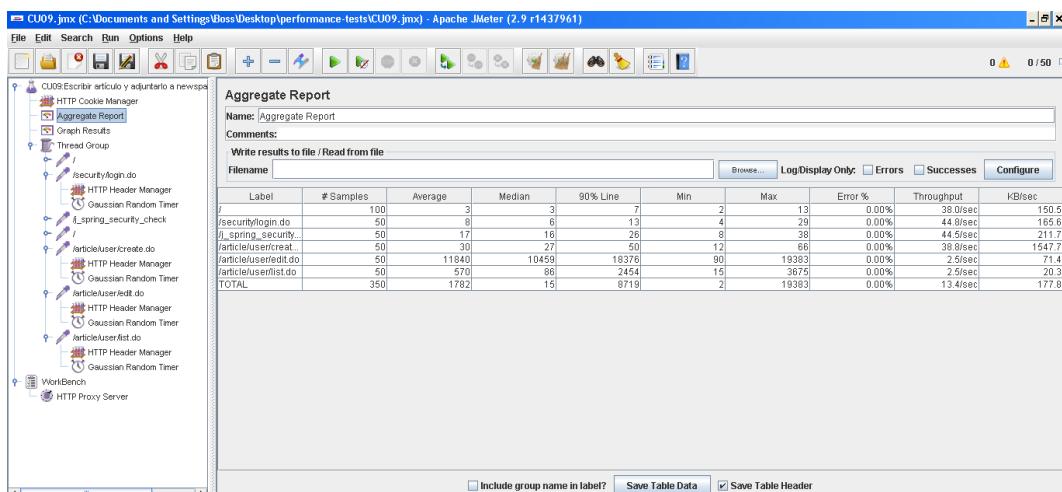
## CU09: Escribir un artículo y adjuntarlo a newspaper no publicado

**Descripción:** Nos autentificamos como usuario, luego creamos un artículo y lo adjuntamos a un newspaper q no está publicado.

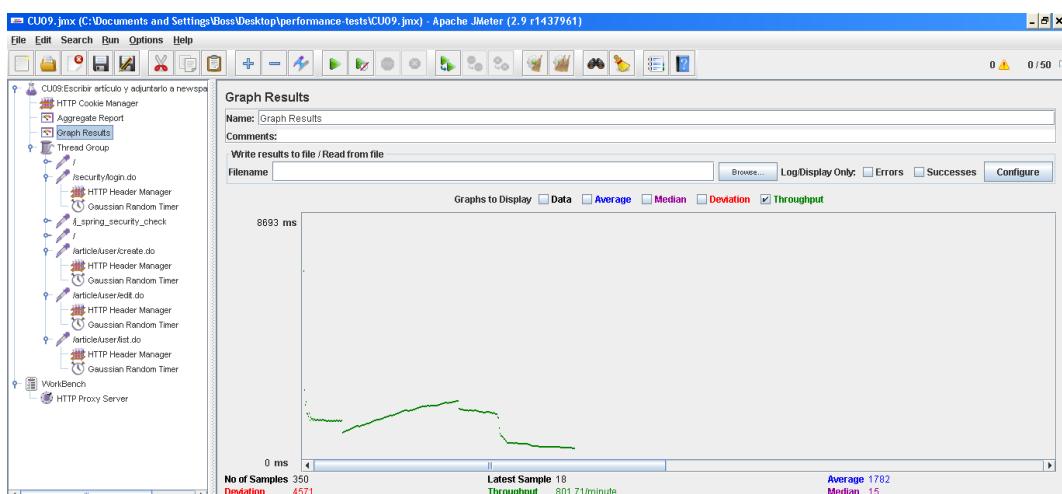
### Thread Group:



### Aggregate Report:



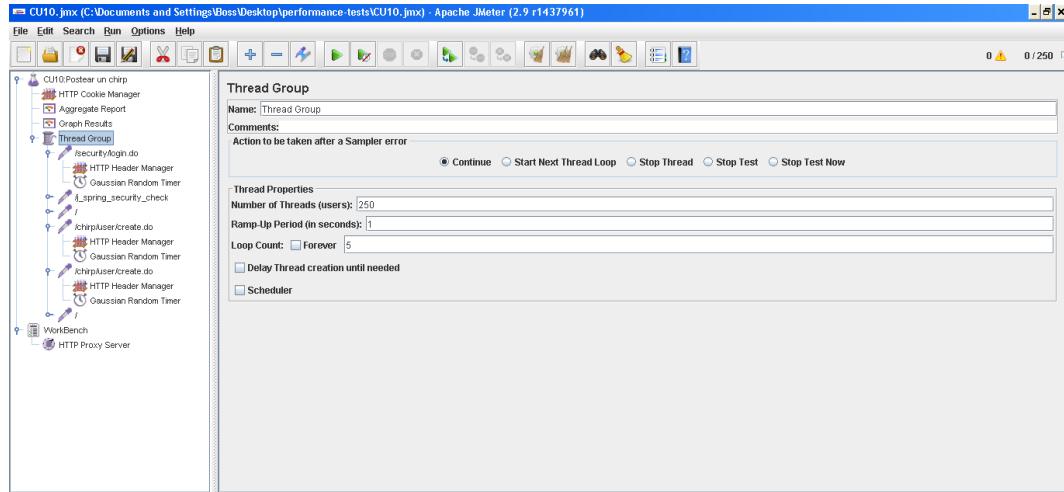
### Graph Results:



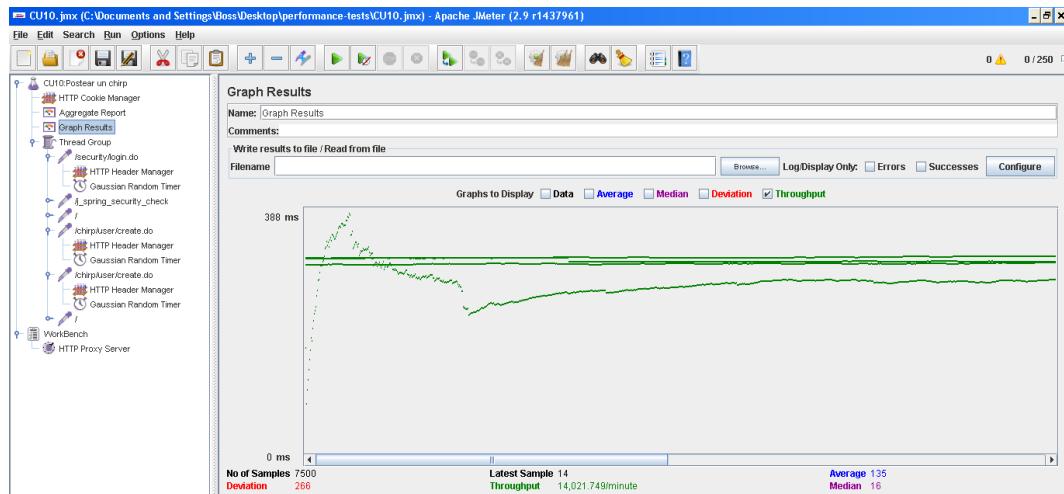
## CU10: Postear un chirp

**Descripción:** Nos autentificamos como usuario, luego creamos un chirp

### Thread Group:



### Aggregate Report:



### Graph Results:

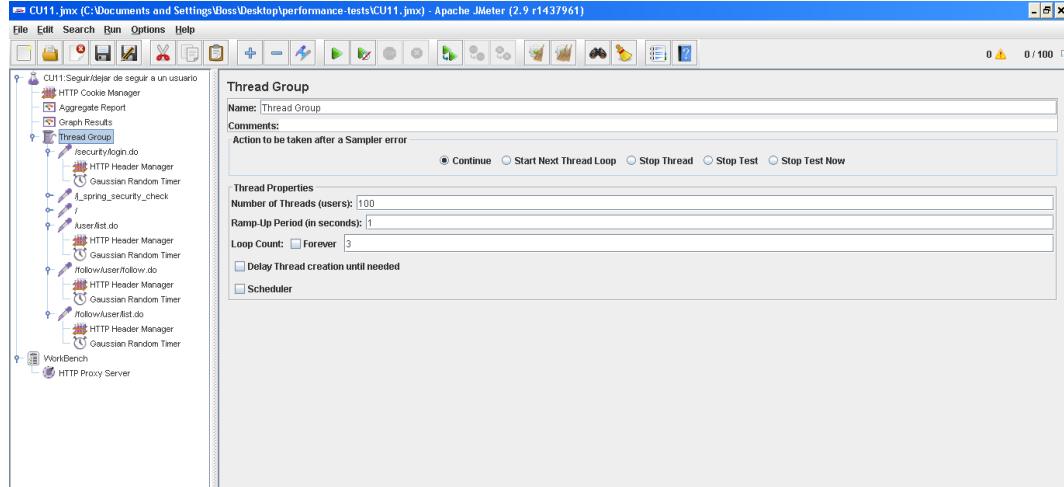
The screenshot shows the Apache JMeter interface with the "Aggregate Report" table selected. The left pane shows the test plan structure. The right pane displays a table with the following data:

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/security/login.do	1250	10	7	17	2	232	0.00%	43.9/sec	165.8
/l_spring_security...	1250	212	81	592	5	2468	0.00%	43.9/sec	209.6
/	2500	9	7	15	2	111	0.00%	78.0/sec	356.6
/chirpuser/create...	2500	286	204	654	5	3184	0.00%	81.3/sec	452.1
TOTAL	7500	135	16	407	2	3184	0.00%	233.7/sec	1121.4

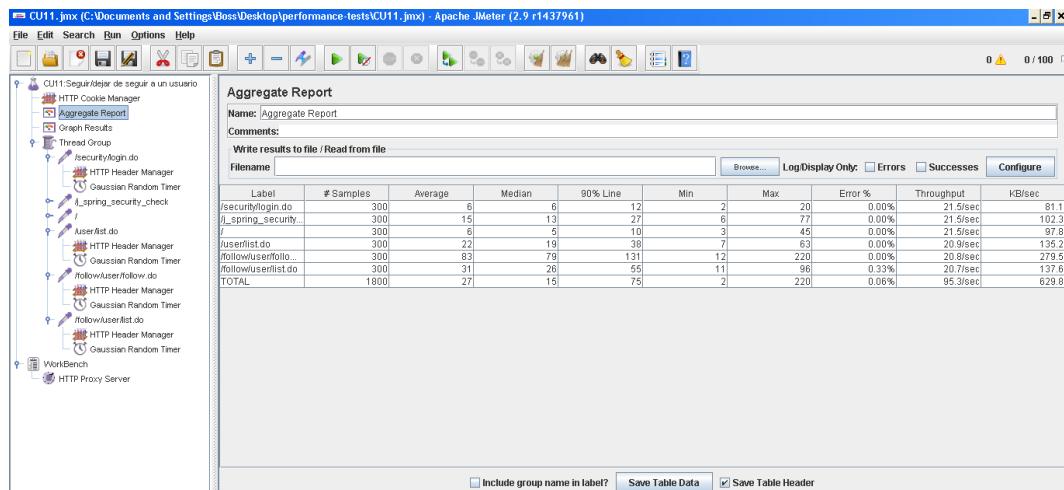
## CU11: Seguir/dejar de seguir a un user

**Descripción:** Nos autenticamos como usuario, luego listamos a el resto de los usuarios y seguimos a uno.

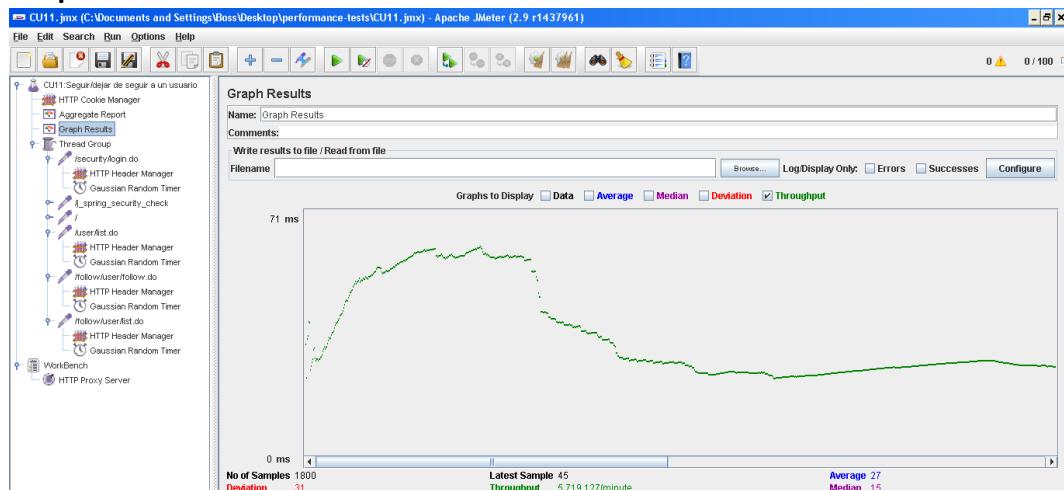
### Thread Group:



### Aggregate Report:



### Graph Results:



## CU12: Listar los usuarios a los que sigue

**Descripción:** Nos autentificamos como usuario, luego listamos a el resto de los usuarios y seguimos a uno.

### Thread Group:

The screenshot shows the Apache JMeter interface with the file 'CU12.jmx' open. The left sidebar lists the test plan structure: 'CU12 Lister usuarios seguidos' containing 'HTTP Cookie Manager', 'Aggregate Report', 'Graph Results', and a 'Thread Group'. The 'Thread Group' is expanded, showing its sub-elements: 'security/login.do', 'HTTP Header Manager', 'Gaussian Random Timer', 'I', 'L\_spring\_security\_check', 'J', 'followUser/followeds.do', 'HTTP Header Manager', 'Gaussian Random Timer', 'WorkBench', and 'HTTP Proxy Server'. The main panel displays the 'Thread Group' configuration. Under 'Name:' it says 'Thread Group'. Under 'Comments:', there is a note: 'Action to be taken after a Sampler error'. Below are radio buttons for 'Continue', 'Start Next Thread Loop', 'Stop Thread', 'Stop Test', and 'Stop Test Now'. Under 'Thread Properties', 'Number of Threads (users):' is set to '100', 'Ramp-Up Period (in seconds):' is '1', and 'Loop Count:' is 'Forever 1'. There are also checkboxes for 'Delay Thread creation until needed' and 'Scheduler'.

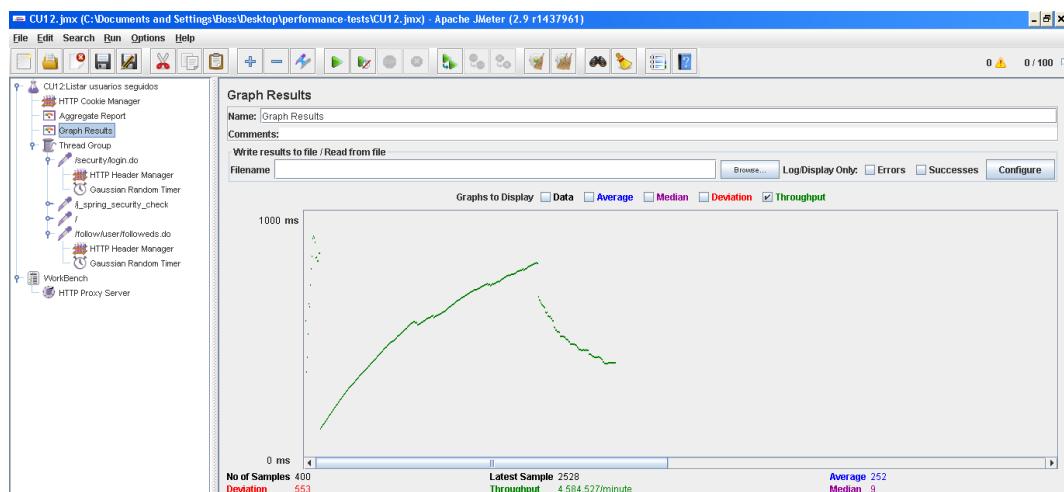
### Aggregate Report:

The screenshot shows the Apache JMeter interface with the file 'CU12.jmx' open. The left sidebar lists the test plan structure: 'CU12 Lister usuarios seguidos' containing 'HTTP Cookie Manager', 'Aggregate Report', 'Graph Results', and a 'Thread Group'. The 'Aggregate Report' node is selected. The main panel displays the 'Aggregate Report' configuration. Under 'Name:' it says 'Aggregate Report'. Under 'Comments:', there is a note: 'Write results to file / Read from file'. A 'Filename' input field is present with the value 'aggregate.csv'. Below are checkboxes for 'Log/Display Only', 'Errors', 'Successes', and 'Configure'. A table titled 'Label' provides detailed performance metrics for each request:

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/security/login.do	100	5	4	12	2	22	0.00%	53.2/sec	200.7
/L_spring_security...	100	23	12	28	7	802	0.00%	53.3/sec	253.8
/J	100	5	5	9	3	23	0.00%	53.7/sec	244.5
/followUser/follow...	100	975	722	1996	46	2528	0.00%	33.3/sec	232.3
TOTAL	400	252	9	1000	2	2528	0.00%	76.4/sec	383.2

At the bottom of the panel, there are checkboxes for 'Include group name in label?', 'Save Table Data', and 'Save Table Header'.

### Graph Results:



## CU13: Listar los usuarios que lo siguen

**Descripción:** Nos autentificamos como usuario, luego listamos nuestros seguidores.

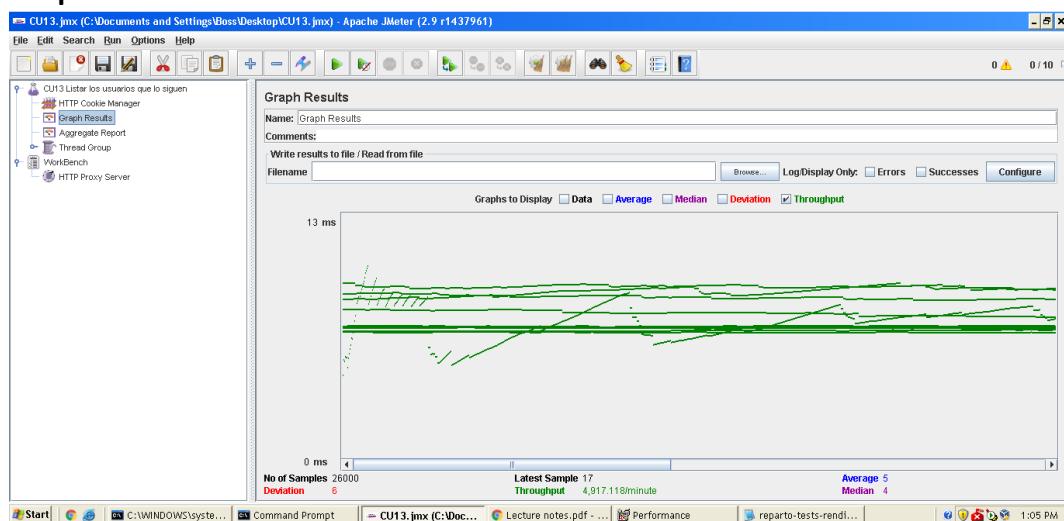
### Thread Group:

The screenshot shows the Apache JMeter interface with the file "CU13.jmx" open. In the center, the "Thread Group" configuration is displayed. The "Name" field is set to "Thread Group". Under "Comments", there is a note: "Action to be taken after a Sampler error". Below that, "Thread Properties" are configured: "Number of Threads (users):" is set to 10, "Ramp-Up Period (in seconds):" is 1, and "Loop Count:" is set to "Forever" with a value of 100. There are also options for "Delay Thread creation until needed" and "Scheduler". On the left side, a tree view shows the test plan structure, including a "Thread Group" node with several child resources like "scriptaculo.js", "scriptaculo.css", and "scriptaculoPopups.js". The bottom status bar shows the date and time as 1:03 PM.

### Aggregate Report:

The screenshot shows the "Aggregate Report" results for the CU13 test plan. The table provides a summary of performance metrics across 26,000 samples. The columns include Label, # Samples, Average, Median, 90% Line, Min, Max, Error %, Throughput, and KB/sec. Key values include an Average of 5 ms, a Median of 4 ms, and a Throughput of 82.0/sec. The bottom of the table includes checkboxes for "Include group name in label?", "Save Table Data", and "Save Table Header". The status bar at the bottom indicates the date and time as 1:02 PM.

### Graph Results:



## CU14: Listar los chirps posteados de los usuarios a los que sigue

**Descripción:** Nos autenticamos como usuario, luego listamos los chirps escritos por los usuarios a los que seguimos.

### Thread Group:

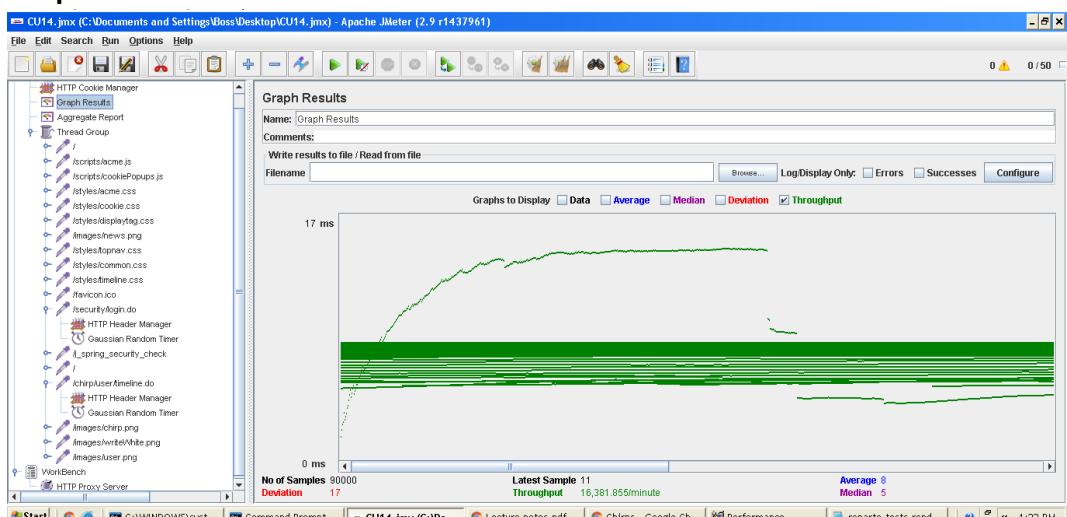
The screenshot shows the Apache JMeter interface with the 'Thread Group' configuration open. The 'Name' field is set to 'Thread Group'. The 'Number of Threads (users)' is 50, 'Ramp-Up Period (in seconds)' is 1, and 'Loop Count' is set to 'Forever' with a value of 100. There are also options for 'Delay Thread creation until needed' and 'Scheduler'. The left sidebar shows a tree view of the test plan with nodes like 'HTTP Cookie Manager', 'Graph Results', 'Aggregate Report', and 'Thread Group' expanded. The bottom status bar shows the date and time as 1:20 PM.

### Aggregate Report:

The screenshot shows the 'Aggregate Report' results. The table below provides a summary of the performance metrics for 90,000 samples.

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/scripts/login.js	10000	8	7	13	3	235	0.00%	30.5/sec	120.6
/scripts/logout.jsp	5000	5	4	9	0	371	0.00%	15.3/sec	31.0
/scripts/login.do	5000	5	4	9	1	453	0.00%	15.3/sec	32.4
/scripts/home.css	5000	5	4	9	1	453	0.00%	15.3/sec	106.8
/scripts/common.css	5000	5	4	9	1	469	0.00%	15.3/sec	19.7
/scripts/timeline.css	5000	5	4	9	1	441	0.00%	15.3/sec	46.1
/images/news.p...	5000	8	6	16	2	216	0.00%	15.3/sec	1594.1
/scripts/nav.css	5000	4	4	8	1	133	0.00%	15.3/sec	31.7
/scripts/login...	2000	4	3	9	1	81	0.00%	15.3/sec	8.8
/scripts/timeline.c...	5000	4	4	9	1	75	0.00%	15.3/sec	120.7
/favicon.ico	5000	8	6	16	2	475	0.00%	15.3/sec	1592.4
/security/login.do	5000	10	8	15	4	439	0.00%	15.3/sec	56.6
/_spring_securi...	5000	26	18	43	8	1998	0.00%	15.3/sec	72.9
/chirpusTimeline...	5000	29	20	48	9	1009	0.00%	15.4/sec	86.1
/images/nav.png	5000	5	4	9	1	177	0.00%	15.4/sec	15.2
/images/login...	5000	5	4	9	1	129	0.00%	15.4/sec	10.8
/images/user.png	5000	5	4	9	1	209	0.00%	15.4/sec	12.6
TOTAL	90000	8	5	17	0	1998	0.00%	273.0/sec	3922.6

### Graph Results:



## CU15: El escritor de un artículo puede escribir follow-ups en él

**Descripción:** Nos autentificamos como usuario, luego listamos los artículos y seleccionamos uno para escribir un followup.

### Thread Group:

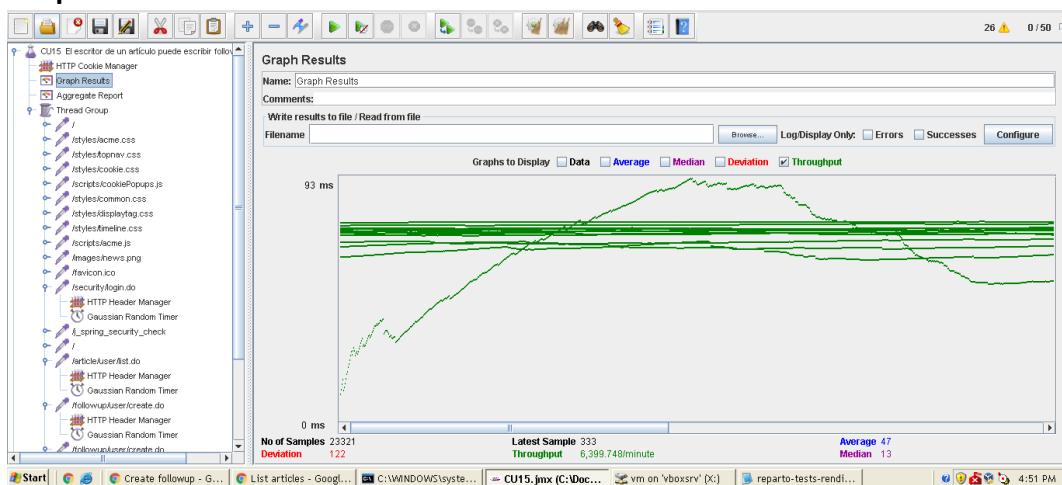
The screenshot shows the JMeter interface with the 'Thread Group' configuration open. The 'Name' field is set to 'Thread Group'. Under 'Comments', there is a note: 'Action to be taken after a Sampler error'. The 'Number of Threads (users)' is set to 50, and the 'Ramp-Up Period (in seconds)' is 1. The 'Loop Count' is set to 'Forever' with a value of 100. There are also two unchecked options: 'Delay Thread creation until needed' and 'Scheduler'.

### Aggregate Report:

The screenshot shows the JMeter interface with the 'Aggregate Report' configuration open. The 'Name' field is set to 'Aggregate Report'. The table displays performance metrics for various requests. The 'Label' column lists the request names, and the 'Throughput' column shows values like 49.5 KB/sec for 'imagesfarme.css' and 1635.7 KB/sec for 'TOTAL'. Other columns include '# Samples', 'Average', 'Median', '90% Line', 'Min', 'Max', 'Error %', and 'KB/sec'.

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/imagesfarme.css	2599	32	11	36	4	1678	0.04%	11.9/sec	49.5
/stylesfarme.css	1303	20	7	29	2	1337	0.00%	6.0/sec	41.6
/scriptscookie.css	1302	16	7	26	2	1482	0.00%	6.0/sec	12.4
/scriptscookiePopups.js	1302	15	7	28	2	883	0.00%	6.0/sec	7.7
/scriptsdisplaytag.css	1302	14	7	25	2	1187	0.00%	6.0/sec	12.7
/scriptscommon.css	1301	14	7	24	2	742	0.00%	6.0/sec	3.4
/scriptsdisplayf...	1301	14	7	24	2	884	0.00%	6.0/sec	18.1
/scriptsdisplayf...	1301	13	7	22	2	702	0.00%	6.0/sec	47.3
/scriptsdisplayf...	1301	13	6	24	2	934	0.00%	6.0/sec	12.2
/imagesnews.p...	1201	21	12	43	3	399	0.00%	6.0/sec	625.3
/favicon.ico	1301	22	12	44	3	543	0.00%	6.0/sec	825.1
/securitylogin.d...	1301	19	11	37	5	388	0.00%	6.1/sec	22.0
/j_spring_securit...	1295	63	30	128	8	1097	0.00%	6.0/sec	29.8
/articleUserList.d...	2557	72	37	162	12	1141	0.00%	12.0/sec	72.8
/followupUser/r...	2554	202	101	522	12	2055	0.23%	12.1/sec	73.4
TOTAL	23321	47	13	95	2	2055	0.03%	106.7/sec	1635.7

### Graph Results:



## CU16: Decidir si un newspaper que ha creado es público o privado

**Descripción:** Nos autentificamos como usuario, luego listamos nuestros newspaper seleccionamos editar y cambiamos la opción de público o probado.

### Thread Group:

The screenshot shows the Apache JMeter interface with the 'Thread Group' configuration open. The 'Name' field is set to 'Thread Group'. Under 'Thread Properties', 'Number of Threads (users)' is set to 50, 'Ramp-Up Period (in seconds)' is 1, and 'Loop Count' is set to 'Forever' with '100' loops. There are also options for 'Delay Thread creation until needed' and 'Scheduler'. The left sidebar shows a tree view of the test plan, including 'CU16 Decidir si un newspaper que ha creado es público', 'HTTP Cookie Manager', 'Graph Results', 'Aggregate Report', and 'Thread Group'. The bottom status bar shows '82 0 / 50' and the date '1:45 PM'.

### Aggregate Report:

The screenshot shows the Apache JMeter interface with the 'Aggregate Report' configuration open. The 'Name' field is set to 'Aggregate Report'. The results table displays various metrics for each sample, including 'Label', '# Samples', 'Average', 'Median', '90% Line', 'Min', 'Max', 'Error %', 'Throughput', and 'KB/sec'. The table includes rows for 'messages/login.p...', 'messages/logout.p...', 'security/login.do', 'security/logout.do', 'j\_spring\_security\_check', 'newspaper/userList.do', 'newspaper/userEditForm.do', and 'newspaper/userEditForm.do'. The bottom status bar shows '82 0 / 50' and the date '1:43 PM'.

### Graph Results:

The screenshot shows the Apache JMeter interface with the 'Graph Results' configuration open. The 'Name' field is set to 'Graph Results'. A graph is displayed showing throughput over time, with a green line representing the data. The x-axis shows time in milliseconds from 0 ms to 27 ms, and the y-axis shows throughput. Below the graph, the following statistics are shown: 'No of Samples: 24878', 'Latest Sample: 264', 'Throughput: 0.001/minute', 'Average: 13', and 'Median: 6'. The left sidebar shows the same test plan structure as the previous screenshots. The bottom status bar shows '82 0 / 50' and the date '1:44 PM'.

## CU17: Borrar un artículo que encuentre inapropiado

**Descripción:** Nos autentificamos como administrador, luego localizamos un artículo inapropiado y lo eliminamos.

### Thread Group:

The screenshot shows the Apache JMeter interface with the test plan titled "CU17 Borrar un artículo que encuentre inapropiado". The "Thread Group" section is expanded, showing the following configuration:

- 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

### Aggregate Report:

The screenshot shows the Apache JMeter interface with the test plan titled "CU17 Borrar un artículo que encuentre inapropiado". The "Aggregate Report" section is expanded, displaying the following results table:

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/security/login.do	3305	27	23	40	4	415	0.00%	14.4/sec	54.3
/_spring_securit...	3301	217	99	542	13	2557	0.21%	14.4/sec	60.8
/	3289	24	22	37	3	228	0.00%	14.3/sec	57.7
/articleList.do	6552	191	83	454	8	2361	0.15%	28.5/sec	158.6
/articleDisplay.do	3279	165	68	490	0	3050	0.12%	14.4/sec	172.8
/articleAdministratorDelete.do	3269	206	108	507	12	2419	0.12%	14.3/sec	172.9
TOTAL	22994	149	55	408	3	3058	0.11%	100.1/sec	676.8

### Graph Results:

The screenshot shows the Apache JMeter interface with the test plan titled "CU17 Borrar un artículo que encuentre inapropiado". The "Graph Results" section is expanded, displaying a throughput graph over time. The graph shows multiple green lines representing different samplers, with the overall throughput fluctuating between 0 ms and 371 ms. Key statistics at the bottom of the graph area are:

- No of Samples: 22994
- Deviation: 226
- Latest Sample: 557
- Throughput: 6,005.929/min
- Average: 149
- Median: 55

## CU18: Mostrar el dashboard

**Descripción:** Nos autentificamos como administrador y mostramos el dashboard.

### Thread Group:

The screenshot shows the JMeter interface with the 'Thread Group' configuration open. The 'Name' field is set to 'Thread Group'. Under 'Comments', it says 'Action to be taken after a Sampler error: Continue'. The 'Number of Threads (users):' is set to 10, and the 'Ramp-Up Period (in seconds):' is 1. The 'Loop Count:' is set to 'Forever' with a value of 100. There are also two checkboxes: 'Delay Thread creation until needed' and 'Scheduler'. The left sidebar shows a tree view of the test plan, including 'CU19 Mocked dashboard' and 'WorkBench'.

### Aggregate Report:

The screenshot shows the JMeter interface with the 'Aggregate Report' configuration open. The 'Name' field is set to 'Aggregate Report'. The table displays performance metrics for various requests. The columns include Label, # Samples, Average, Median, 90% Line, Min, Max, Error %, Throughput, and KB/sec. The total number of samples is 2088, with an average of 8 and a median of 4. The throughput is 3,040.629/min. The left sidebar shows the same test plan structure as the previous screenshot.

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/	276	5	5	7	3	38	0.00%	6.8/sec	24.9
/scripts/acme.js	140	3	3	4	2	16	0.00%	3.5/sec	7.1
/scripts/cookiePopups.js	140	3	3	4	2	15	0.00%	3.5/sec	7.4
/styles/displaytag.css	140	3	3	4	2	14	0.00%	3.5/sec	10.6
/scripts/acme.css	140	3	3	4	1	15	0.00%	3.5/sec	27.7
/scripts/cookieP... /scripts/displayta...	140	3	3	4	2	16	0.00%	3.5/sec	7.0
/scripts/common.css	140	3	3	4	2	16	0.00%	3.5/sec	24.4
/images/news.png	140	4	5	6	3	19	0.00%	3.5/sec	365.6
/scripts/common...	140	3	3	4	1	14	0.00%	3.5/sec	2.0
/scripts/cookie.css	140	3	3	4	2	14	0.00%	3.5/sec	4.5
/favicon.ico	140	5	4	7	2	16	0.00%	3.5/sec	365.4
/security/login.do	140	6	5	6	4	54	0.00%	3.6/sec	13.2
/_spring_securit...	136	11	11	13	6	25	0.00%	3.5/sec	14.7
/_spring_securit...	136	62	48	92	36	239	0.00%	3.6/sec	32.8
TOTAL	2088	8	4	12	1	239	0.00%	50.7/sec	877.1

### Graph Results:

The screenshot shows the JMeter interface with the 'Graph Results' configuration open. The 'Name' field is set to 'Graph Results'. The graph displays response times for individual samples. The x-axis shows the sample index from 0 to 2088, and the y-axis shows response time in milliseconds. The 'Latest Sample' is at 239 ms. The 'Throughput' is 3,040.629/min. The 'Average' is 8 ms, and the 'Median' is 4 ms. The left sidebar shows the same test plan structure as the previous screenshots.

## CU19: Gestionar lista de taboo words

**Descripción:** Nos autentificamos como administrador, luego creamos una taboo Word, la listamos, la seleccionamos y la editamos.

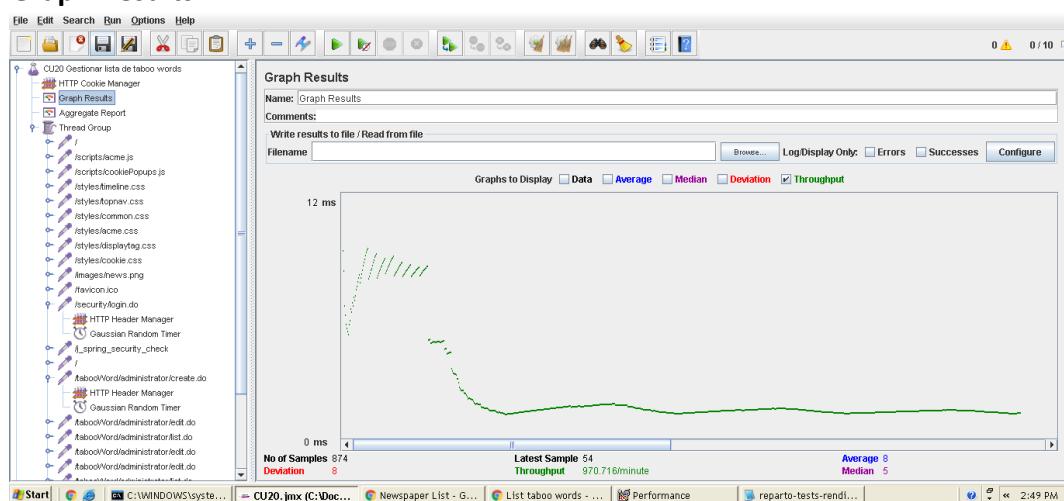
### Thread Group:

The screenshot shows the JMeter interface with the 'Thread Group' configuration open. The 'Name' field is set to 'Thread Group'. Under 'Thread Properties', 'Number of Threads (users)' is set to 10, 'Ramp-Up Period (in seconds)' is 1, and 'Loop Count' is set to 'Forever' with a value of 100. There are also options for 'Delay Thread creation until needed' and 'Scheduler'.

### Aggregate Report:

The screenshot shows the JMeter interface with the 'Aggregate Report' configuration open. The 'Label' column lists various requests, and the 'Throughput' column shows values such as 1.8/sec, 6.7, 1.9, 2.0, 7.4, 1.9, 5, 6.6, 2.8, 1.2, 98.1, 98.0, 3.5, 4.0, 4.5, 10.5, 13.7, and 215.6 KB/sec. The 'Throughput' column has a tooltip indicating it is measured in KB/sec.

### Graph Results:



## CU20: Listar artículos que contienen taboo words

**Descripción:** Nos autenticamos como administrador y listamos los artículos sospechosos (son sospechosos por que contienen taboo words)

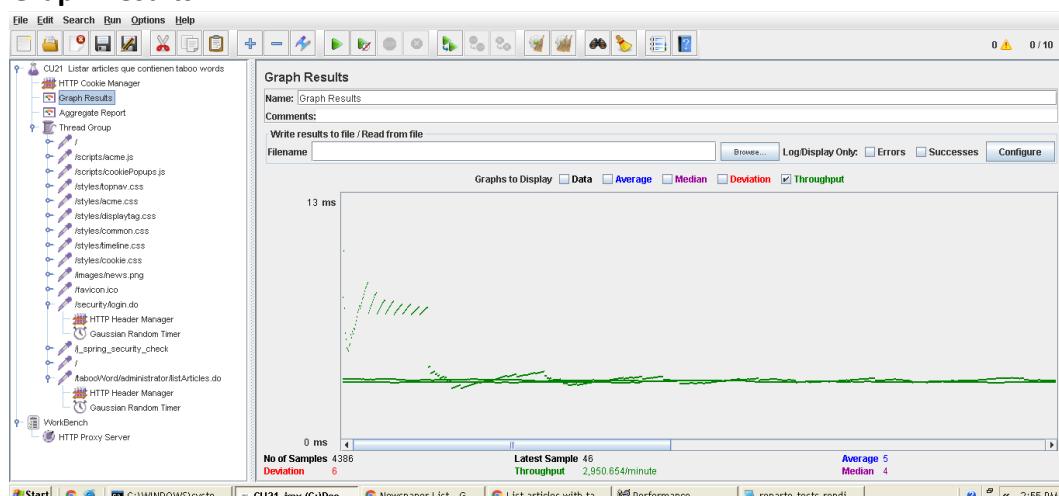
### Thread Group:

The screenshot shows the JMeter interface with the 'Thread Group' configuration open. The 'Name' field is set to 'Thread Group'. Under 'Thread Properties', there are fields for 'Number of Threads (users):' (set to 10), 'Ramp-Up Period (in seconds):' (set to 1), and 'Loop Count:' (set to Forever, 100). There are also checkboxes for 'Delay Thread creation until needed' and 'Scheduler'. The left sidebar shows the test plan structure, including 'CU21 Listar artículos que contienen taboo words' and various samplers like 'HTTP Cookie Manager', 'Aggregate Report', and 'Thread Group'.

### Aggregate Report:

The screenshot shows the JMeter interface with the 'Aggregate Report' configuration open. The 'Name' field is set to 'Aggregate Report'. The 'Table Data' section displays performance metrics for various requests. The 'Throughput' column shows values such as 6.6/sec, 3.3/sec, 7.0, 3.38/sec, 6.6, 3.3/sec, 23.0, 3.3/sec, 9.9, 3.3/sec, 1.9, 3.3/sec, 26.0, 3.3/sec, 4.2, 3.3/sec, 343.6, 3.3/sec, 343.2, 3.4/sec, 12.4, 3.3/sec, 14.1, 3.4/sec, 16.7, and 49.2/sec. The total throughput is 855.3 KB/sec. The left sidebar shows the test plan structure.

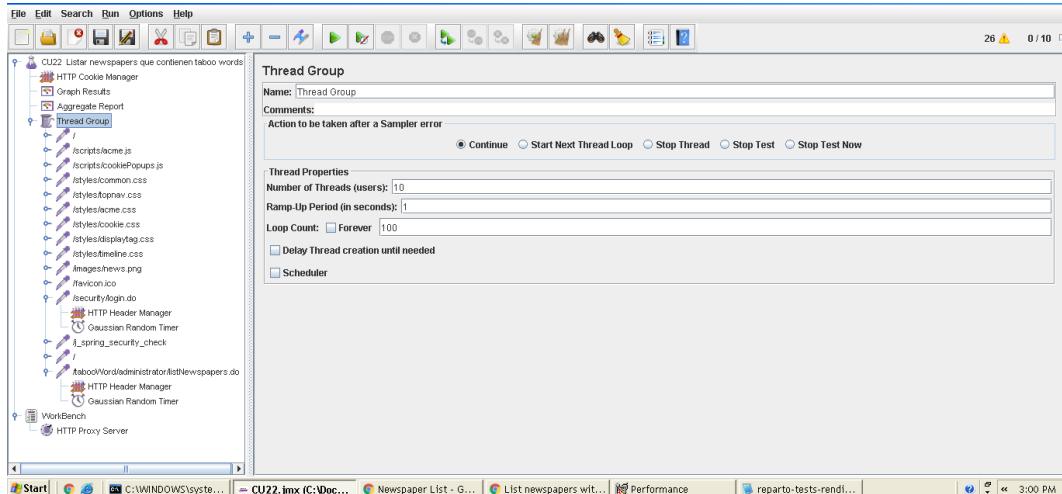
### Graph Results:



## CU21: Listar newspapers que contienen taboo words

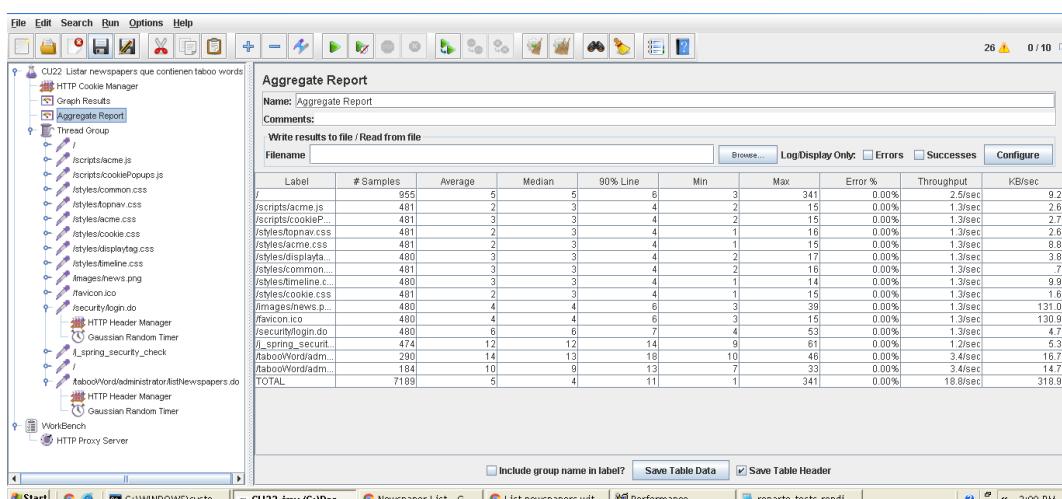
**Descripción:** Nos autenticamos como administrador y listamos los newspaper sospechosos (son sospechosos por que contienen taboo words)

### Thread Group:



The screenshot shows the JMeter interface with the 'Thread Group' configuration open. The 'Name' field is set to 'Thread Group'. Under 'Action to be taken after a Sampler error', the 'Continue' option is selected. In the 'Thread Properties' section, 'Number of Threads (users)' is set to 10, 'Ramp-Up Period (in seconds)' is 1, and 'Loop Count' is set to 'Forever' with a value of 100. There are also two unchecked options: 'Delay Thread creation until needed' and 'Scheduler'.

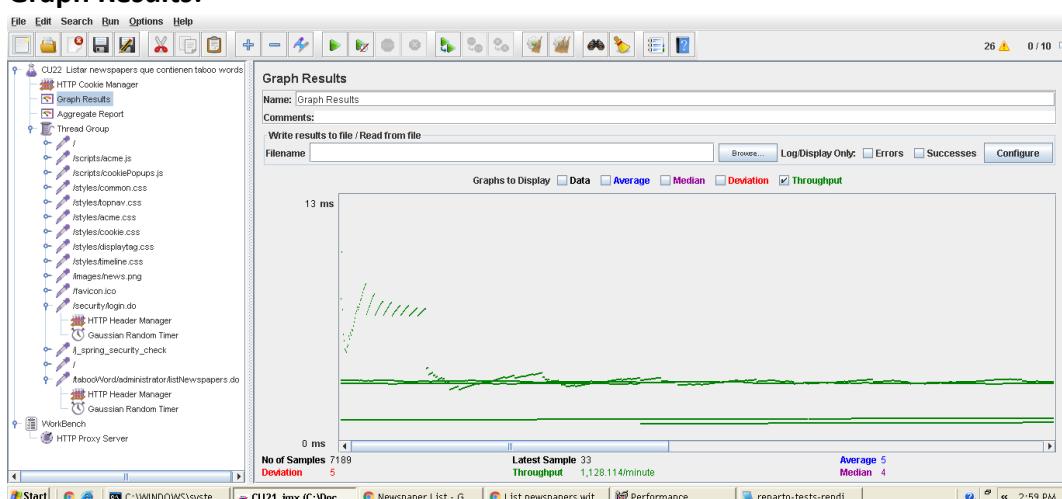
### Aggregate Report:



The screenshot shows the JMeter interface with the 'Aggregate Report' configuration open. The 'Name' field is set to 'Aggregate Report'. The 'Filename' field is empty. The 'Log Display Only' checkbox is checked. The table below shows the performance metrics for each sample.

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/	965	5	5	6	3	341	0.00%	2.5/sec	9.2
/scripts/acme.js	491	2	3	4	2	15	0.00%	1.3/sec	2.6
/scripts/cookieP...	491	3	3	4	2	15	0.00%	1.3/sec	2.7
/styles/common.css	491	2	3	4	1	16	0.00%	1.3/sec	2.6
/styles/acme.css	491	2	3	4	1	15	0.00%	1.3/sec	8.8
/styles/displayag...	490	3	3	4	2	17	0.00%	1.3/sec	3.8
/styles/common...	491	3	3	4	2	16	0.00%	1.3/sec	7
/styles/common.e...	480	3	3	4	1	14	0.00%	1.3/sec	9.9
/scripts/cookie...	491	2	3	4	1	15	0.00%	1.3/sec	1.0
/images/news.p...	490	4	4	6	3	39	0.00%	1.3/sec	131.0
/favicon.ico	490	4	4	6	3	15	0.00%	1.3/sec	130.9
/security/login.d...	490	6	6	7	4	53	0.00%	1.3/sec	4.7
/_spring_securit...	474	12	12	14	9	61	0.00%	1.2/sec	5.3
/tabooWord/admin...	290	14	13	18	10	46	0.00%	3.4/sec	16.7
/tabooWord/adm...	184	10	9	13	7	33	0.00%	3.4/sec	14.7
TOTAL	7189	5	4	11	1	341	0.00%	18.8/sec	318.9

### Graph Results:



The screenshot shows the JMeter interface with the 'Graph Results' configuration open. The 'Name' field is set to 'Graph Results'. The 'Graphs to Display' section has 'Throughput' checked. The graph shows throughput over time, with a green line representing the average and a red line representing the median. Below the graph, the following statistics are displayed:

- No of Samples: 7189
- Latest Sample: 33
- Throughput: 1,128.114/min
- Average: 5
- Median: 4

## CU22: Listar chirps que contienen taboo words.

**Descripción:** Nos autenticamos como administrador y listamos los chirps sospechosos (son sospechosos por que contienen taboo words)

### Thread Group:

The screenshot shows the JMeter interface with the 'Thread Group' configuration open. The 'Name' field is set to 'Thread Group'. Under 'Action to be taken after a Sampler error', the radio button for 'Continue' is selected. In the 'Thread Properties' section, 'Number of Threads (users)' is set to 10, 'Ramp-Up Period (in seconds)' is 1, and 'Loop Count' is set to 'Forever' with a value of 100. There are also options for 'Delay Thread creation until needed' and 'Scheduler'.

### Aggregate Report:

The screenshot shows the JMeter interface with the 'Aggregate Report' configuration open. The 'Name' field is set to 'Aggregate Report'. The 'Configure' tab is selected, showing a table of results. The table includes columns for Label, # Samples, Average, Median, 90% Line, Min, Max, Error %, Throughput, and KB/sec. The data shows various requests like 'scripts/login.js', 'scripts/cookiePopups.js', etc., with their respective performance metrics. The total number of samples is 2618, average throughput is 44.4/sec, and total throughput is 751.9 KB/sec.

### Graph Results:

The screenshot shows the JMeter interface with the 'Graph Results' configuration open. The 'Name' field is set to 'Graph Results'. The 'Configure' tab is selected, showing a graph visualization. The graph displays throughput over time, with a sharp initial increase followed by a steady state. The x-axis shows time in milliseconds from 0 ms to 11 ms, and the y-axis shows throughput in samples per second. The graph shows a green line with a peak at approximately 11 ms and a steady state around 4 samples/sec.

## CU23: Borrar un chirp que considere inapropiado

**Descripción:** Nos autentificamos como administrador, luego localizamos un chirp inapropiado y lo eliminamos.

### Thread Group:

The screenshot shows the JMeter interface with the 'Thread Group' configuration open. The 'Name' field is set to 'Thread Group'. Under 'Comments', there is a note: 'Action to be taken after a Sampler error'. The 'Number of Threads (users):' is set to 50, 'Ramp-Up Period (in seconds):' is 1, and 'Loop Count:' is set to 'Forever' with 'Delay Thread creation until needed' checked. The 'Scheduler' checkbox is also checked. The left sidebar shows the test plan structure: 'CU24: Borrar un chirp que considere inapropiado' containing 'HTTP Cookie Manager', 'Graph Results', 'Aggregate Report', and the selected 'Thread Group'. Other sections like 'WorkBench' and 'HTTP Proxy Server' are also listed.

### Aggregate Report:

The screenshot shows the JMeter interface with the 'Aggregate Report' configuration open. The 'Name' field is set to 'Aggregate Report'. The 'Filename' field is empty. Below the table, there are checkboxes for 'Include group name in label?' and 'Save Table Data' or 'Save Table Header'. The table displays performance metrics for various requests. The 'Label' column lists URLs like '/scripts/acme.js', '/scripts/cookiePopups.js', etc. The 'Throughput' column shows values like 61.2, 16.0, 16.7, 23.8, 62.4, 10.2, 4.5, 55.1, 16.4, 824.4, 822.9, 29.2, 35.1, 77.9, and 93.5 KB/sec. The 'TOTAL' row shows a throughput of 2136.6 KB/sec.

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/scripts/acme.js	1655	14	9	22	4	652	0.00%	15.6/sec	61.2
/scripts/cookiePopups.js	836	11	5	21	1	573	0.00%	7.9/sec	16.0
/scripts/cookies.css	836	8	5	18	1	130	0.00%	7.9/sec	16.7
/scripts/cookies.js	836	9	5	18	2	565	0.00%	7.9/sec	23.8
/scripts/cookies_l.js	836	9	5	16	2	340	0.00%	7.9/sec	62.4
/scripts/cookie.css	836	7	5	16	2	328	0.00%	7.9/sec	10.2
/scripts/common.css	836	9	5	16	1	389	0.00%	7.9/sec	4.5
/scripts/acme.css	836	9	5	15	2	551	0.00%	7.9/sec	55.1
/scripts/shopnav.css	836	8	5	16	2	162	0.00%	7.9/sec	16.4
/images/news.png	836	14	9	28	3	444	0.00%	7.9/sec	824.4
/favicon.ico	835	15	8	25	3	566	0.00%	7.9/sec	822.9
/secure/login.do	835	14	10	23	5	321	0.12%	8.0/sec	29.2
/_login_security_check	810	14	27	76	10	1302	0.00%	8.0/sec	35.1
/chirp/adminlist.do	1618	28	15	52	8	5111	0.12%	16.7/sec	77.9
/chirp/admindelete.do	805	26	14	55	9	346	0.12%	7.9/sec	93.5
TOTAL	14091	15	9	28	1	1302	0.03%	13.0/sec	2136.6

### Graph Results:

The screenshot shows the JMeter interface with the 'Graph Results' configuration open. The 'Name' field is set to 'Graph Results'. The 'Filename' field is empty. Below the graph, there are checkboxes for 'Graphs to Display': 'Data', 'Average', 'Median', 'Deviation', and 'Throughput'. The graph itself shows a line chart with a green line representing the response time over time. The Y-axis ranges from 0 ms to 28 ms. The X-axis shows the number of samples (14091). The graph shows a sharp initial increase in response time followed by a steady rise and then a drop-off towards the end.

## CU24: Suscribirse a un newspaper privado

**Descripción:** Nos autenticamos como customer, listamos las suscripciones, vamos a la opción de crear una suscripción y rellenamos el formulario usando una credit card.

### Thread Group:

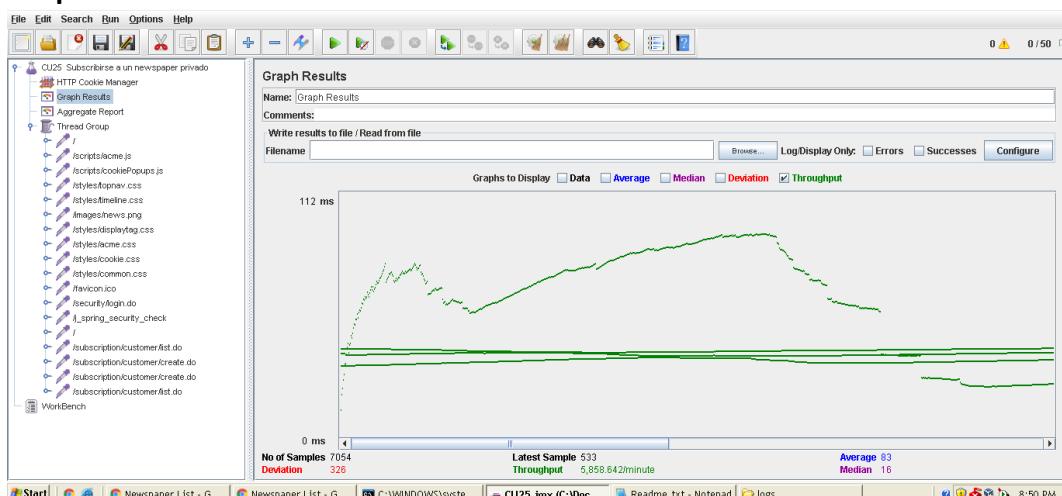
The screenshot shows the JMeter interface with the 'Thread Group' configuration open. The 'Name' field is set to 'Thread Group'. Under 'Comments', there is a note: 'Action to be taken after a Sampler error' with the 'Continue' option selected. The 'Number of Threads (users)' is set to 50, 'Ramp-Up Period (in seconds)' is 1, and 'Loop Count' is set to 'Forever'. Other options like 'Delay Thread creation until needed' and 'Scheduler' are also present. The left sidebar shows the test plan structure with various samplers and listeners.

### Aggregate Report:

The screenshot shows the 'Aggregate Report' results for the CU24 test plan. It displays a table of performance metrics for each request. The columns include Label, # Samples, Average, Median, 90% Line, Min, Max, Error %, Throughput, and KB/sec. Key data points from the table:

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/	991	7	6	10	3	38	0.00%	13.5/sec	46.4
/script/include.js	500	5	4	9	1	115	0.00%	6.9/sec	14.0
/script/includePopups.js	500	5	4	9	2	30	0.00%	6.9/sec	14.0
/styles/home.css	500	5	4	9	2	174	0.00%	6.9/sec	14.3
/images/news.png	500	5	4	9	1	27	0.00%	6.9/sec	54.4
/scripts/displayLog.css	500	6	7	15	2	116	0.00%	6.9/sec	719.5
/styles/home.css	500	4	4	8	2	18	0.00%	6.9/sec	20.0
/scripts/include.css	500	5	4	9	1	115	0.00%	6.9/sec	46.4
/scripts/includePopups.js	500	4	4	8	1	21	0.00%	6.9/sec	8.0
/script/common.js	500	5	4	8	1	29	0.00%	6.9/sec	4.0
/favicon.ico	500	8	7	14	3	60	0.00%	6.9/sec	719.3
/security/login.do	500	7	6	10	4	26	0.00%	6.9/sec	25.7
/_spring_securit...	491	15	13	24	9	73	0.00%	6.9/sec	25.4
/subscriptioncu...	941	21	14	36	6	246	0.11%	13.2/sec	53.4
/subscription/cu...	909	46	31	104	15	654	0.00%	13.2/sec	83.4
TOTAL	8832	12	6	23	1	654	0.01%	119.7/sec	1810.6

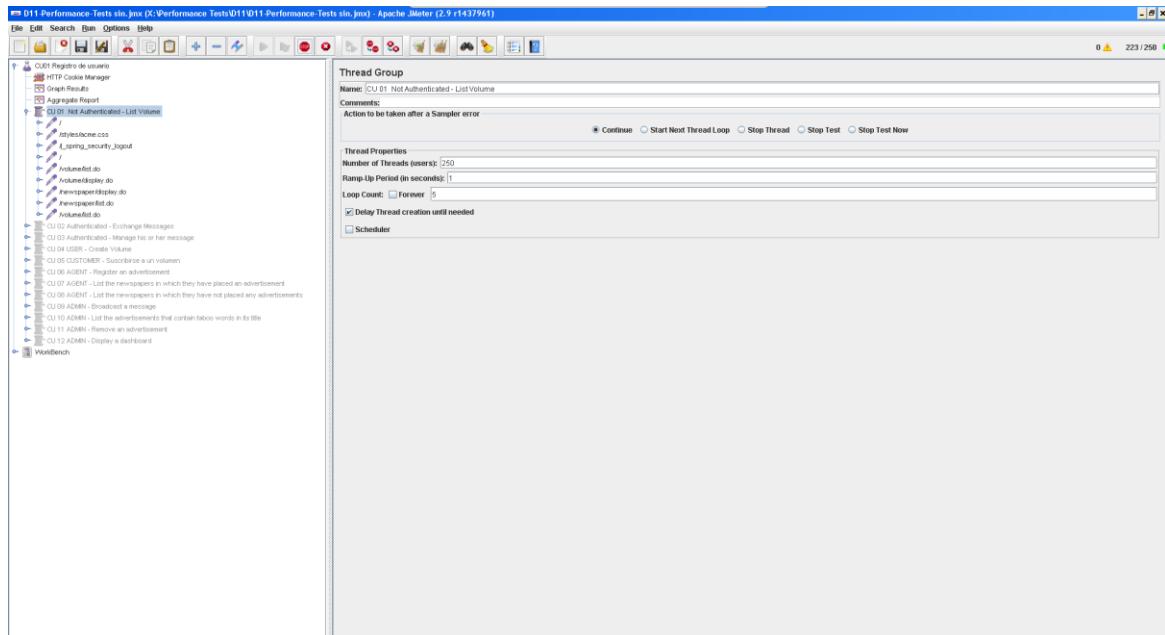
### Graph Results:



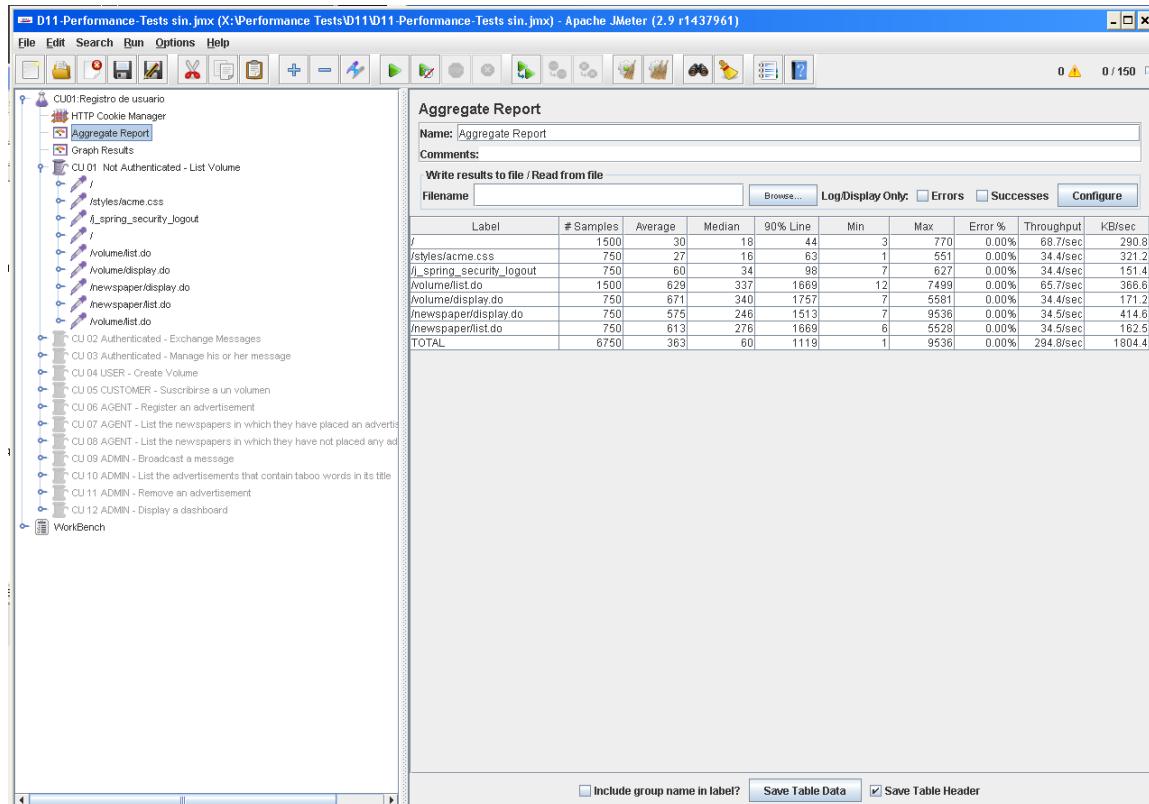
## CU25: Listar volúmenes

**Descripción:** Como usuario no autenticado, listamos los volúmenes del sistema.

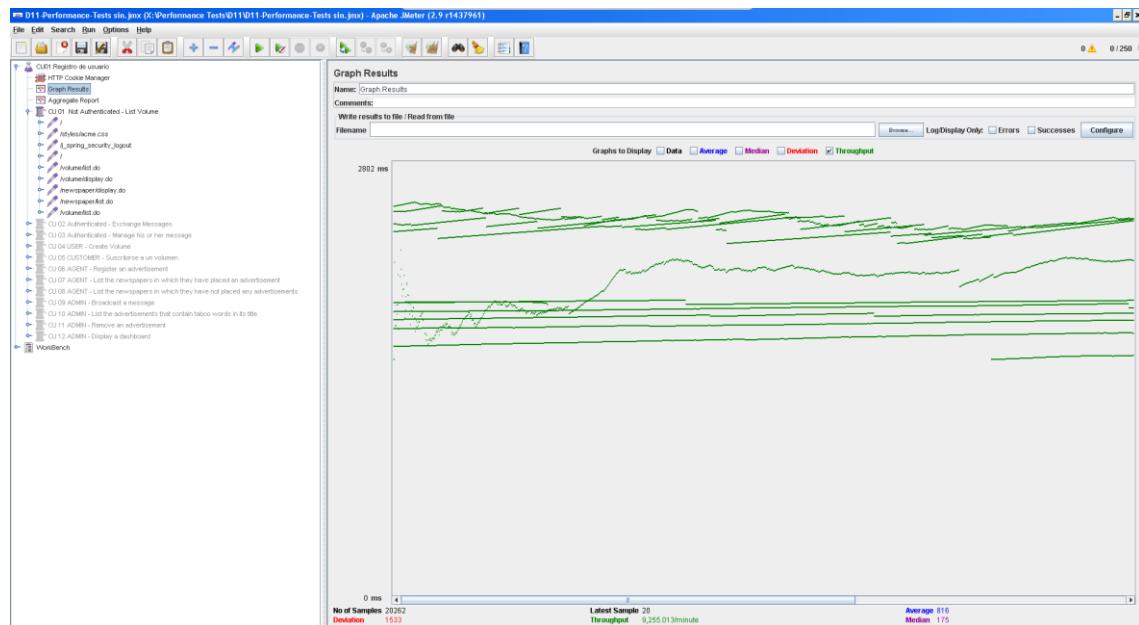
### Thread Group:



### Aggregate Report:



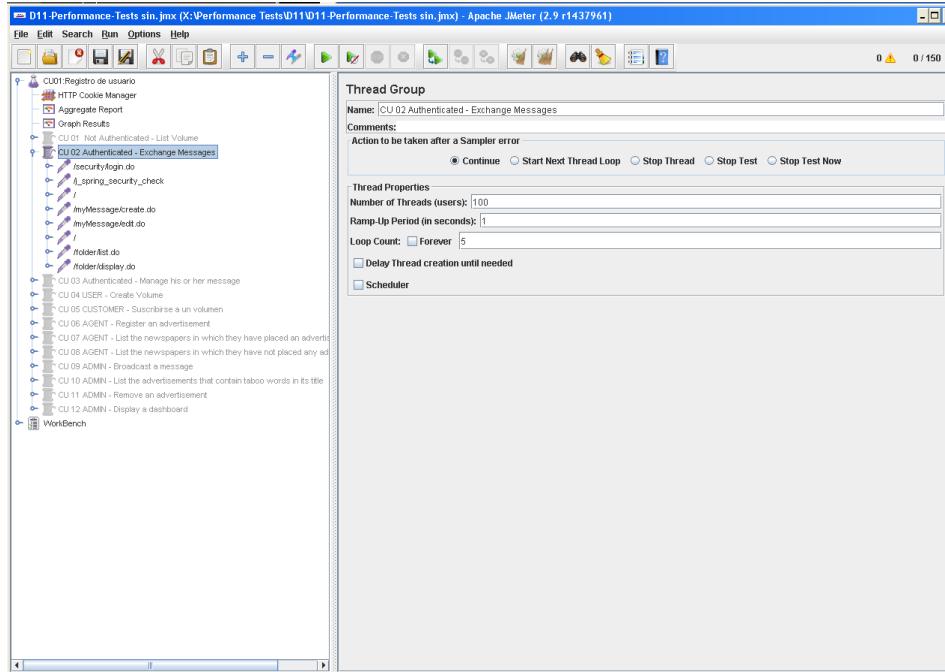
## Graph Results:



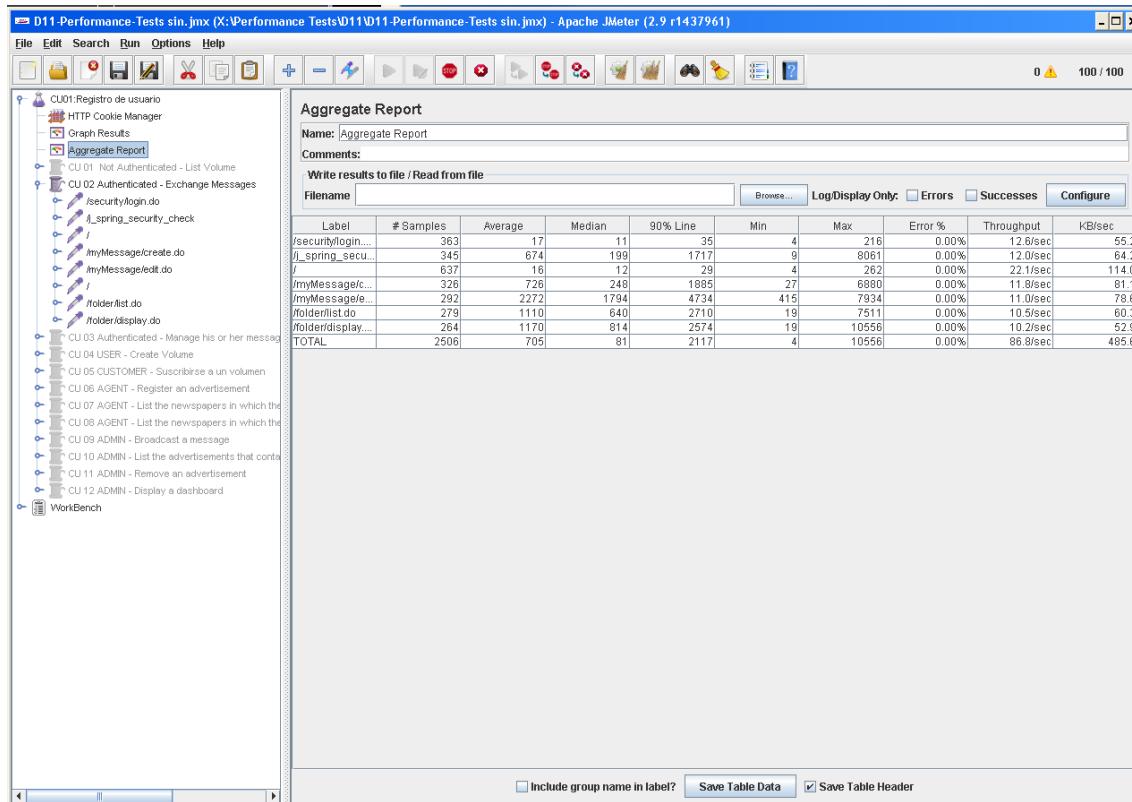
## CU26: Usuario autenticado: enviar mensaje

**Descripción:** Autenticado como usuario, enviamos un mensaje a otro usuario.

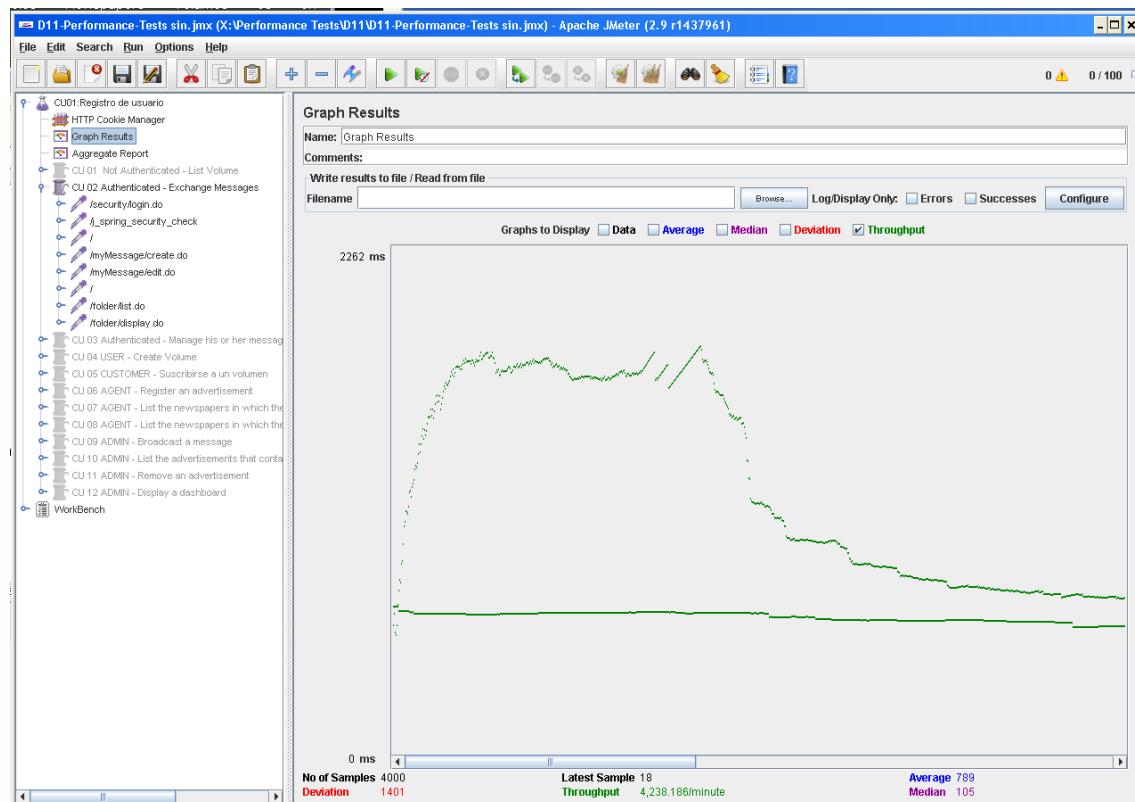
### Thread Group:



### Aggregate Report:



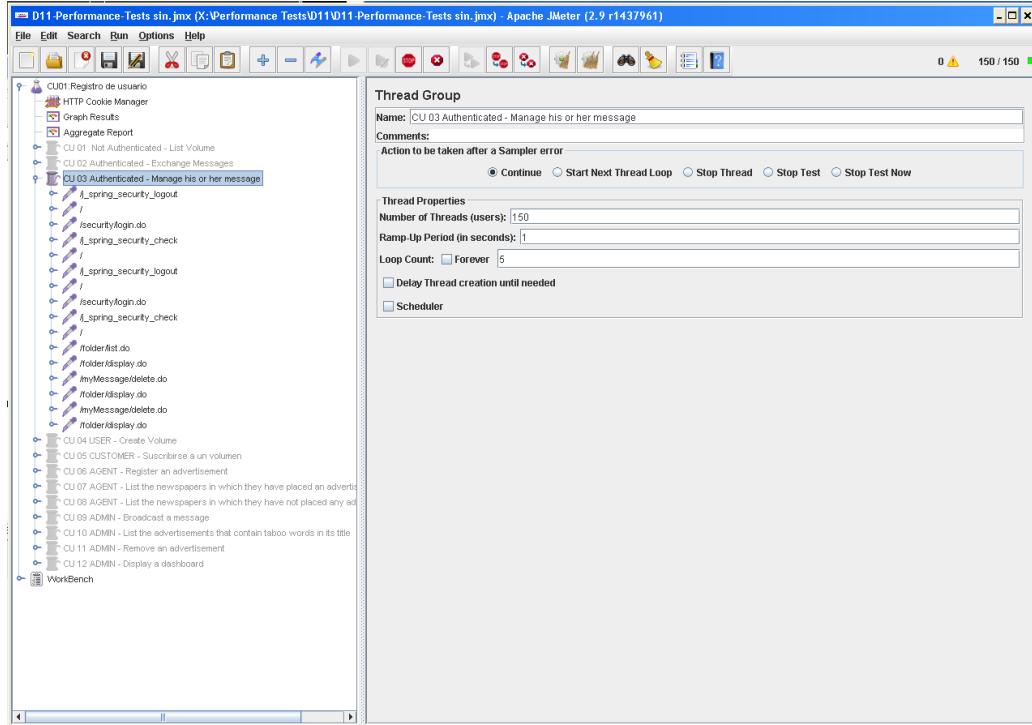
## Graph Results:



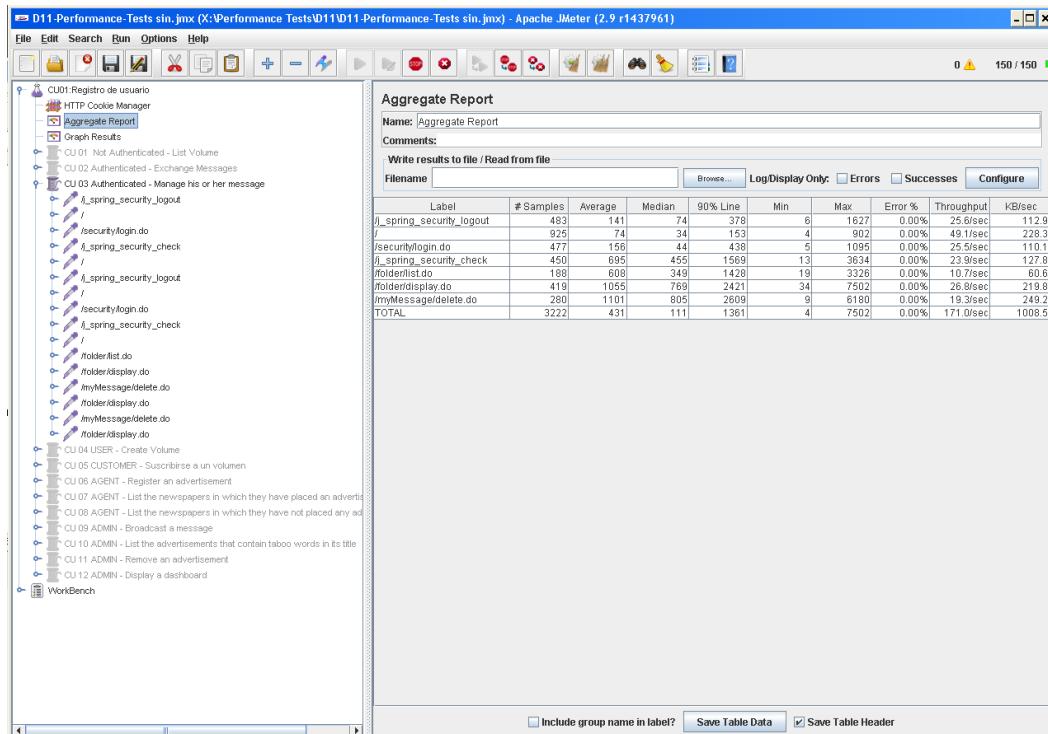
## CU27: Usuario logado: administrar sus mensajes.

**Descripción:** Autenticado como un usuario, administraremos los mensajes de su propiedad.

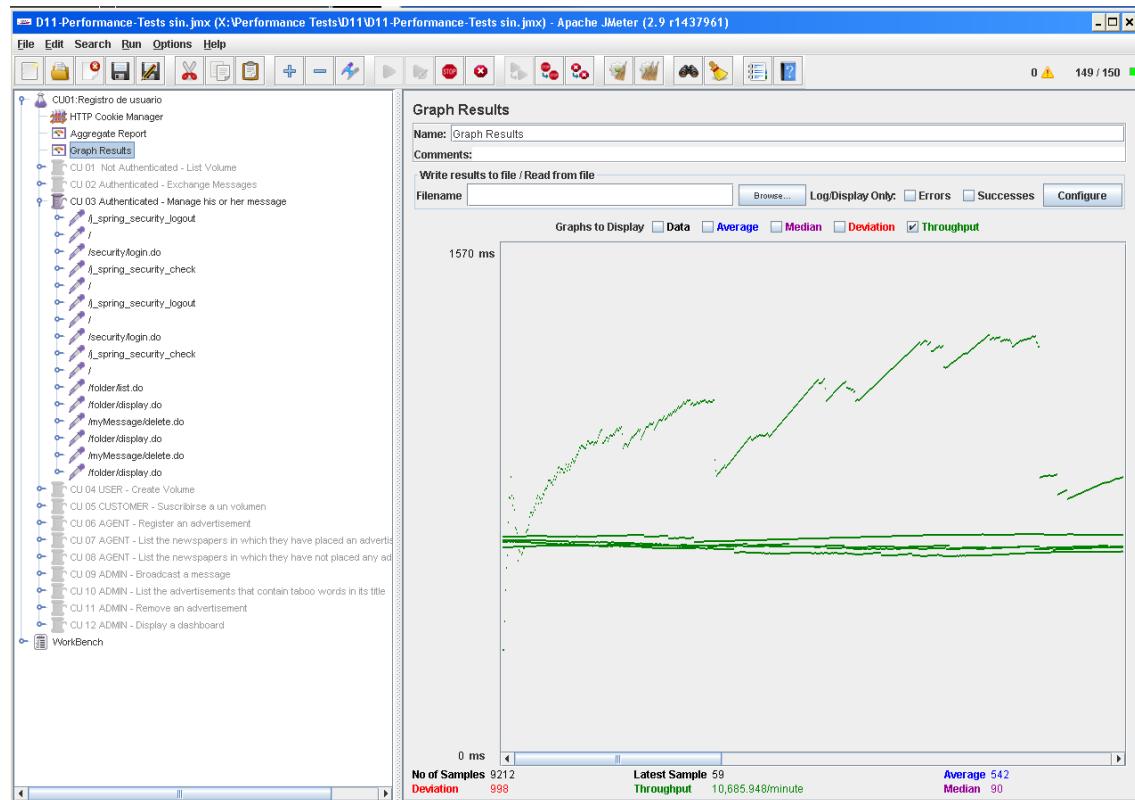
### Thread Group:



### Aggregate Report:



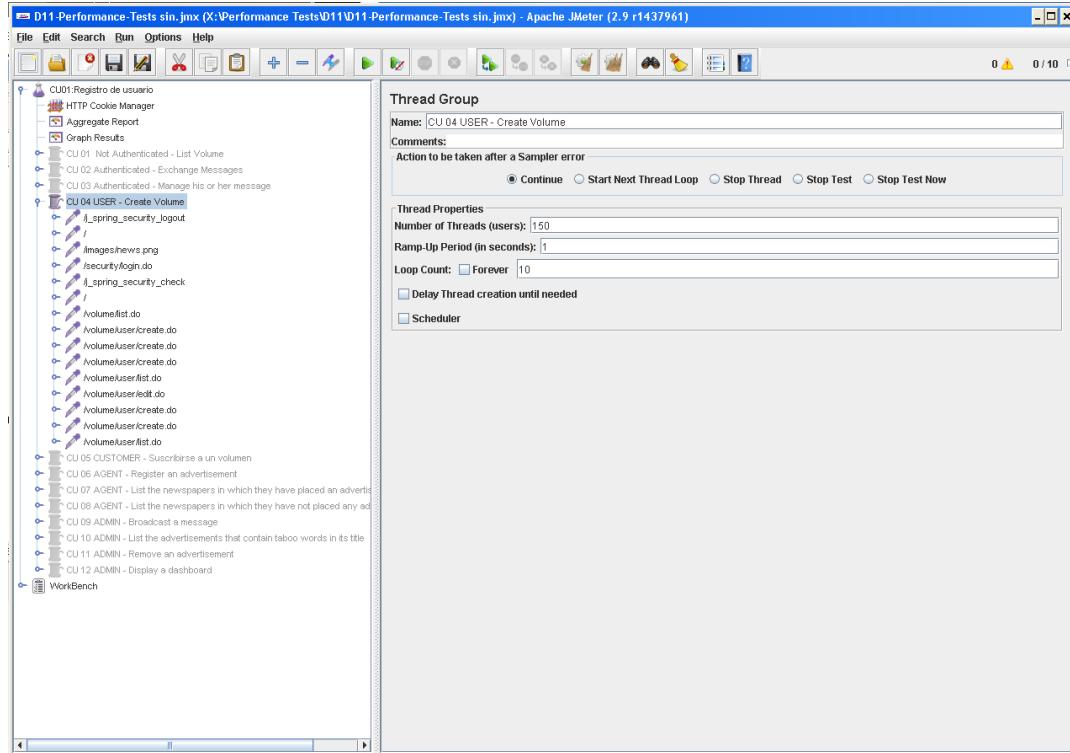
## Graph Results:



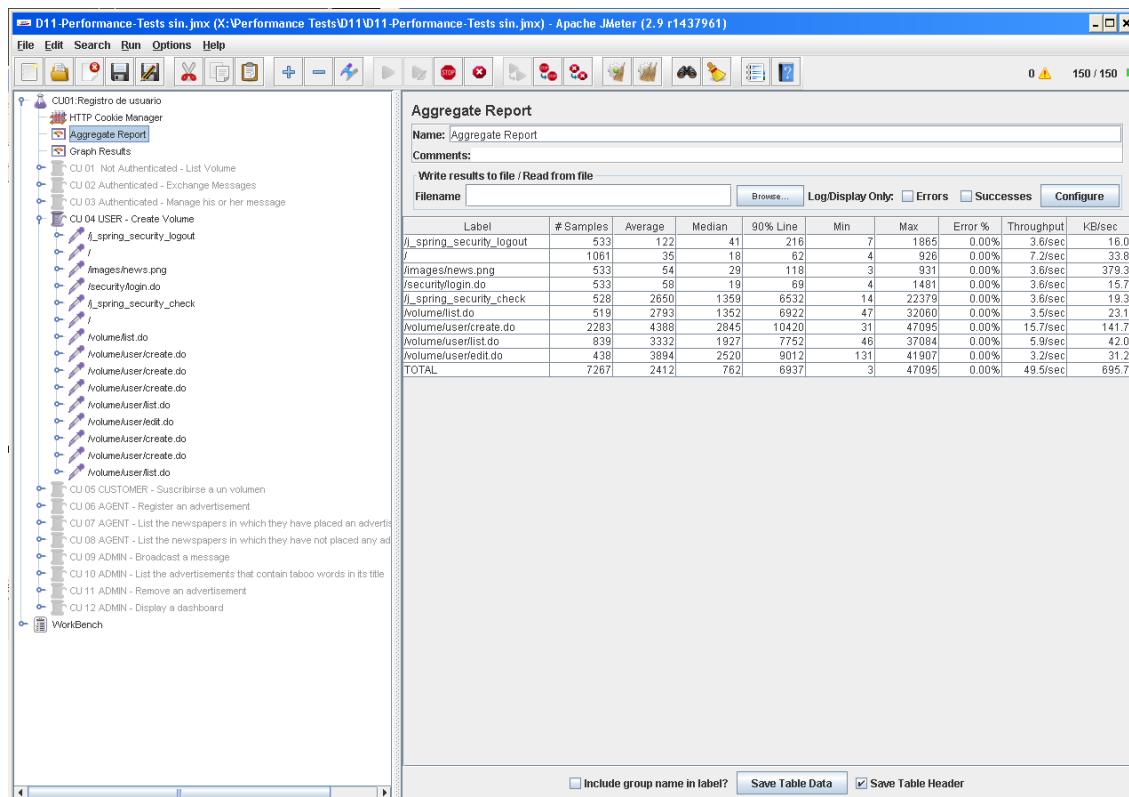
## CU28: Usuario: crear volumen

**Descripción:** Autenticado como usuario, creamos un volumen.

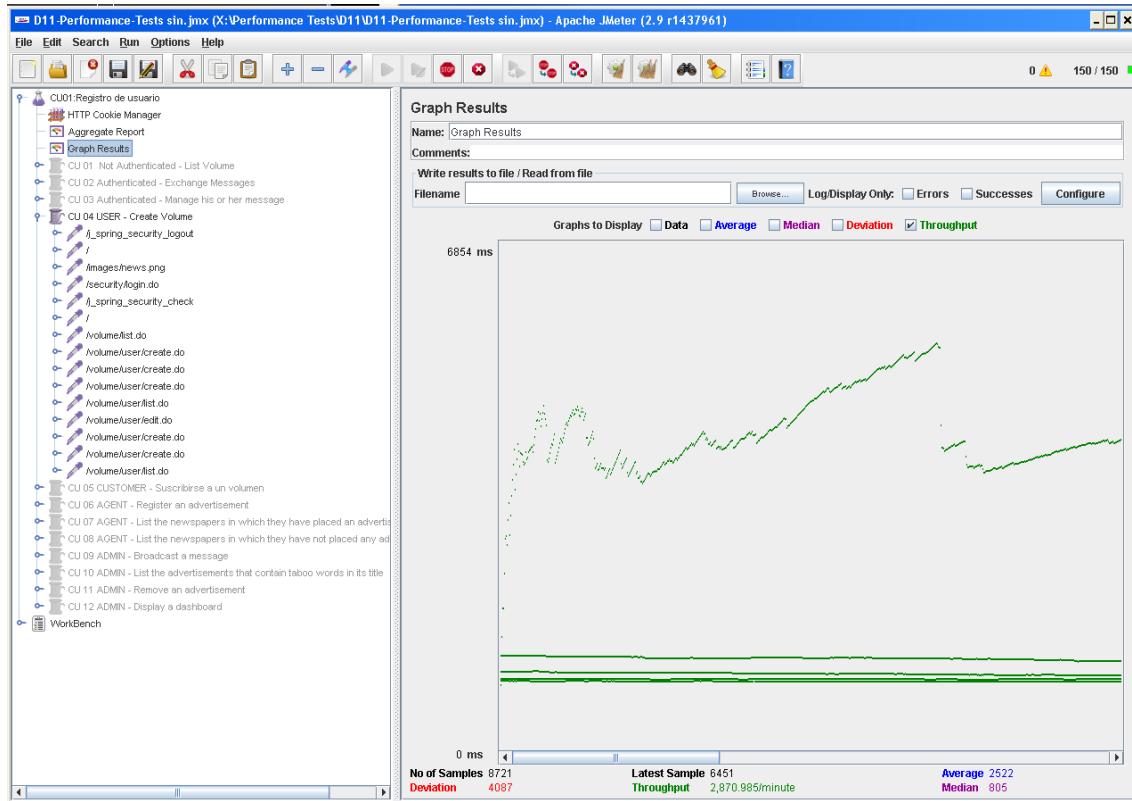
### Thread Group:



### Aggregate Report:



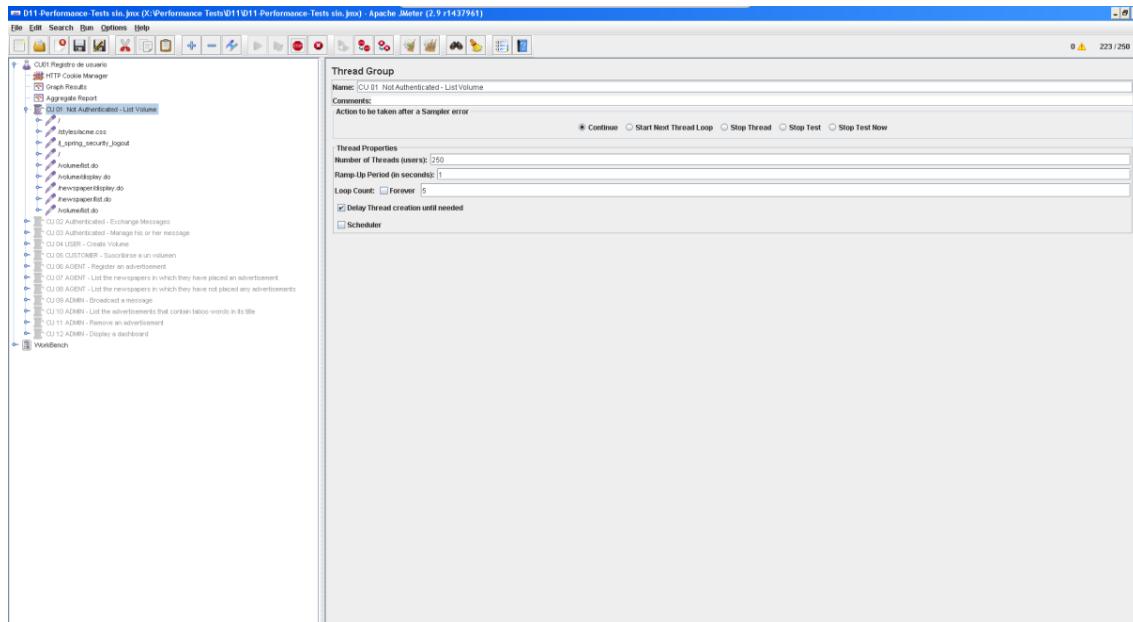
## Graph Results:



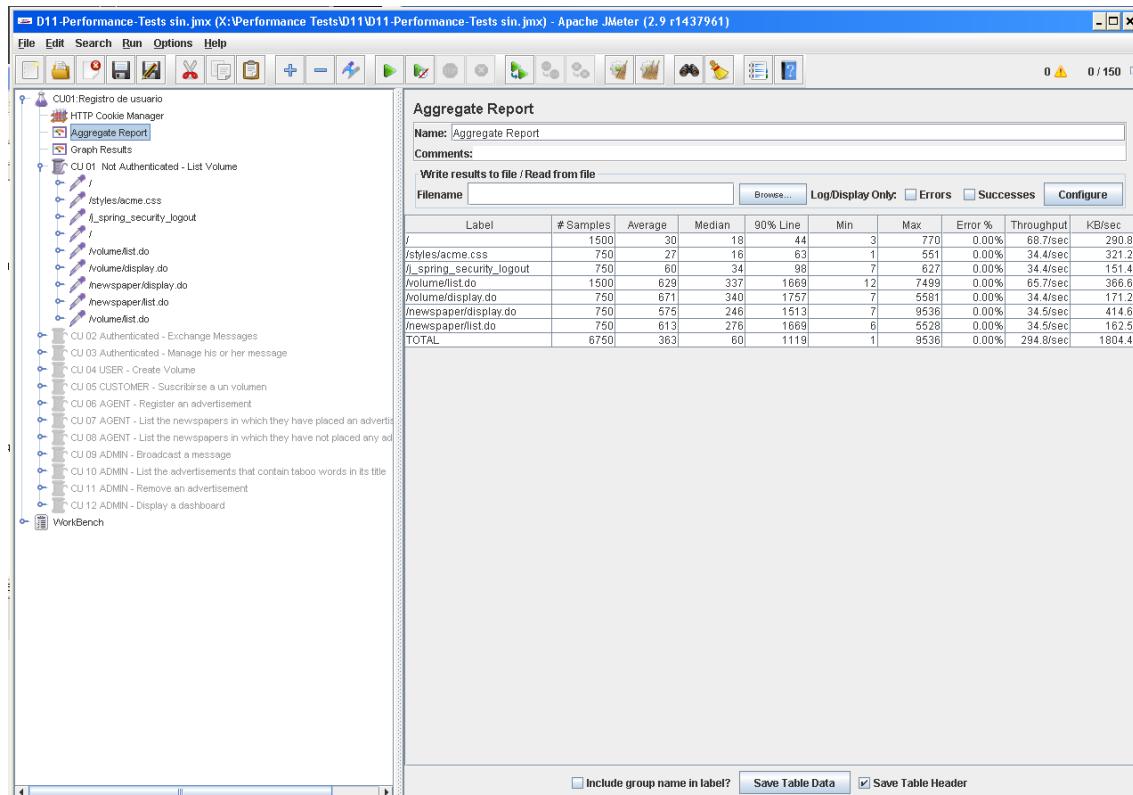
## CU29: No autenticado: listar volúmenes

**Descripción:** No estando autenticados, listamos los volúmenes del sistema

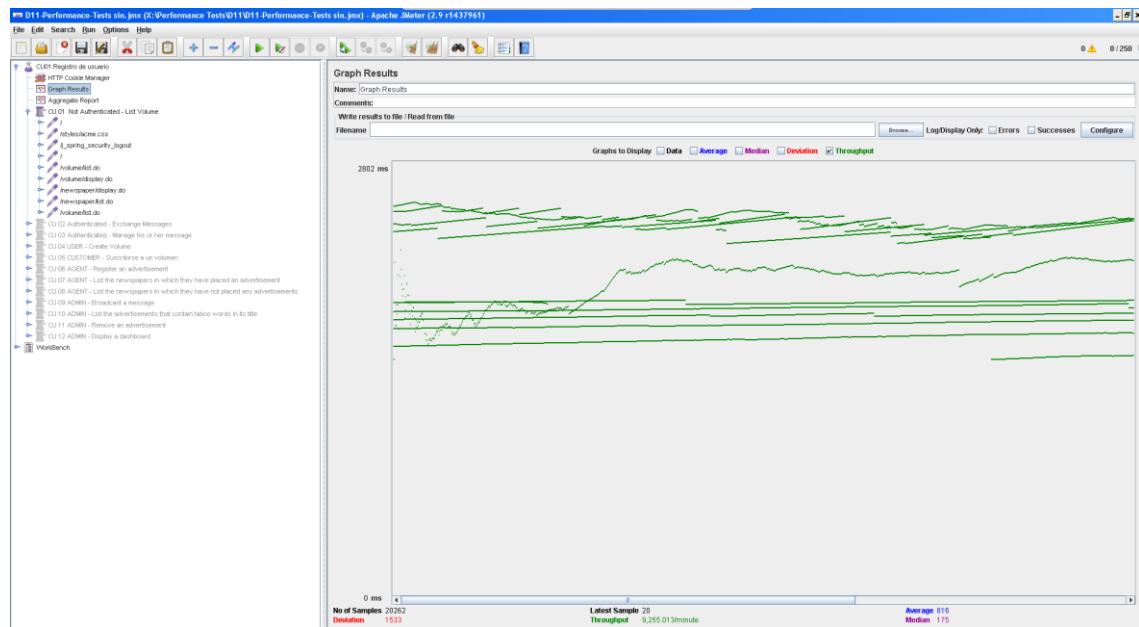
### Thread Group:



### Aggregate Report:



## Graph Results:



## CU30: Agente: crear un anuncio

**Descripción:** Autenticados como agente, creamos un anuncio.

### Thread Group:

D11-Performance-Tests.jmx (X:\Performance Tests\011\011-Performance-Tests.jmx) - Apache JMeter (2.9 r1437961)

File Edit Search Run Options Help

Thread Group

Name: CU 06 AGENT - Register an advertisement

Comments:

Action to be taken after a Sampler error

Thread Properties

Number of Threads (users): 150

Ramp-Up Period (in seconds): 1

Loop Count:  Forever 5

Delay Thread creation until needed

Scheduler

CU 01: Not Authenticated - List Volume

CU 02: Authenticated - Exchange Messages

CU 03: Authenticated - Manage his or her message

CU 04: USER - Create Volume

CU 05: CUSTOMER - Suscribase a un volumen

CU 06: AGENT - Register an advertisement

CU 07: AGENT - List the newspapers in which they have placed an ad

CU 08: AGENT - List the newspapers in which they have not placed an ad

CU 09: ADMIN - Broadcast a message

CU 10: ADMIN - List the advertisements that contain taboo words in

CU 11: ADMIN - Remove an advertisement

CU 12: ADMIN - Display a dashboard

WorkBench

### Aggregate Report:

D11-Performance-Tests.jmx (X:\Performance Tests\011\011-Performance-Tests.jmx) - Apache JMeter (2.9 r1437961)

File Edit Search Run Options Help

Aggregate Report

Name: Aggregate Report

Comments:

Write results to file / Read from file

Filename:

Browse... LogDisplay Only Errors Successes Configure

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
l_spring_security...	202	696	689	1398	12	2015	0.00%	8.0/sec	1.3
l_spring_security_logout	385	1911	103	5127	8	5791	0.00%	17.3/sec	76.4
lsecuritylogin.do	202	2105	2432	3517	12	4227	0.00%	10.9/sec	47.2
l_spring_security...	185	4634	2762	12488	15	20040	0.00%	8.9/sec	2.0
advertisementsag...	202	3731	2888	8302	89	14979	0.00%	12.5/sec	87.3
advertisementsag...	195	1810	662	5087	47	13844	0.00%	14.0/sec	69.2
TOTAL	1371	2392	1274	5444	8	20040	0.00%	50.0/sec	186.2

Include group name in label? Save Table Data Save Table Header

CU 01: Not Authenticated - List Volume

CU 02: Authenticated - Exchange Messages

CU 03: Authenticated - Manage his or her message

CU 04: USER - Create Volume

CU 05: CUSTOMER - Suscribase a un volumen

CU 06: AGENT - Register an advertisement

CU 07: AGENT - List the newspapers in which they have placed an ad

CU 08: AGENT - List the newspapers in which they have not placed an ad

CU 09: ADMIN - Broadcast a message

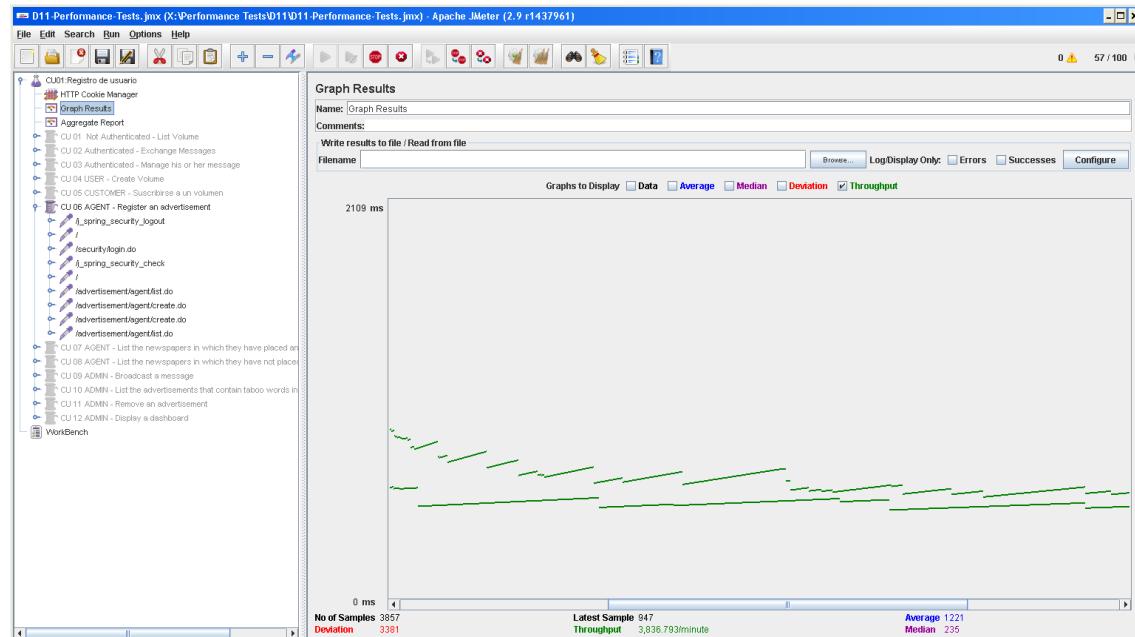
CU 10: ADMIN - List the advertisements that contain taboo words in

CU 11: ADMIN - Remove an advertisement

CU 12: ADMIN - Display a dashboard

WorkBench

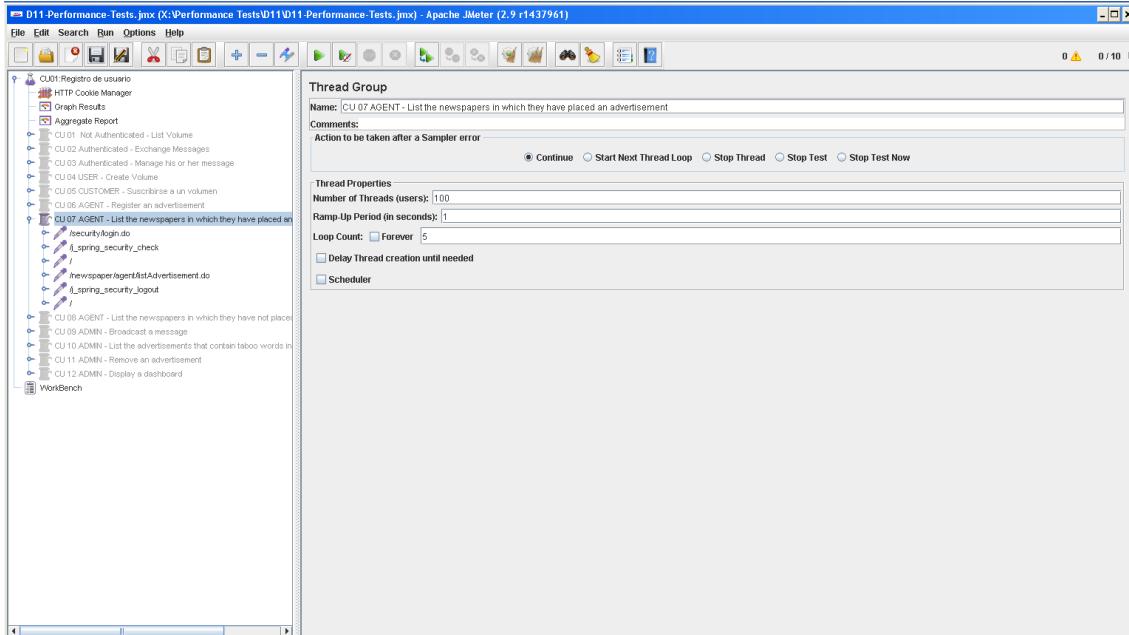
## Graph Results:



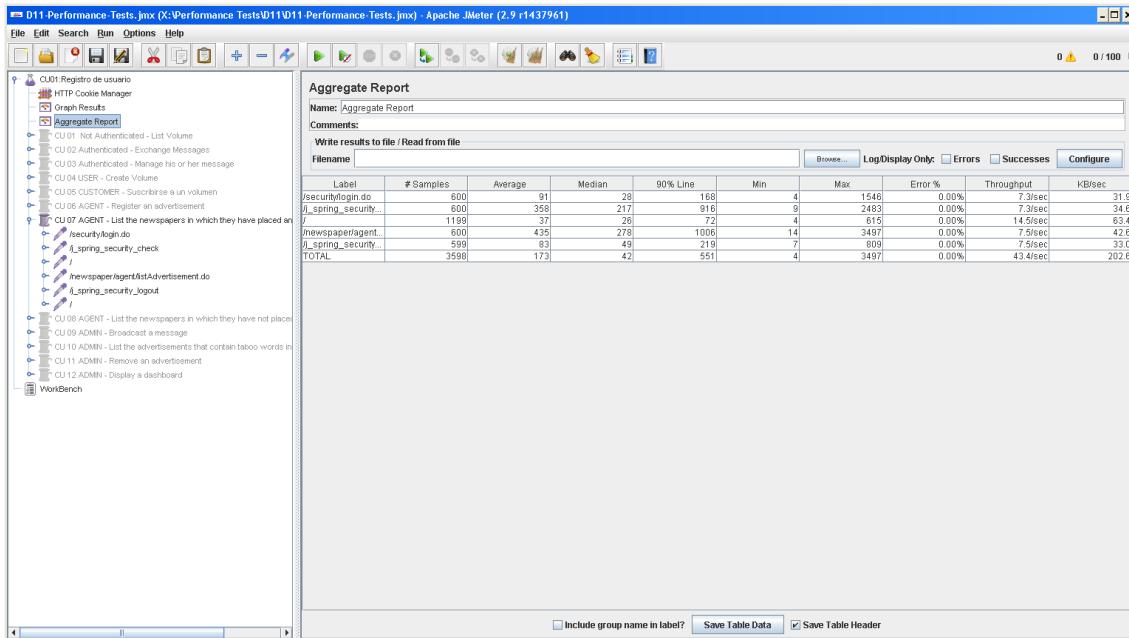
## CU31: Agente: Listar periódicos en los que he puesto un anuncio

**Descripción:** Autenticados como agente, mostramos los periódicos en los que hemos puesto un anuncio.

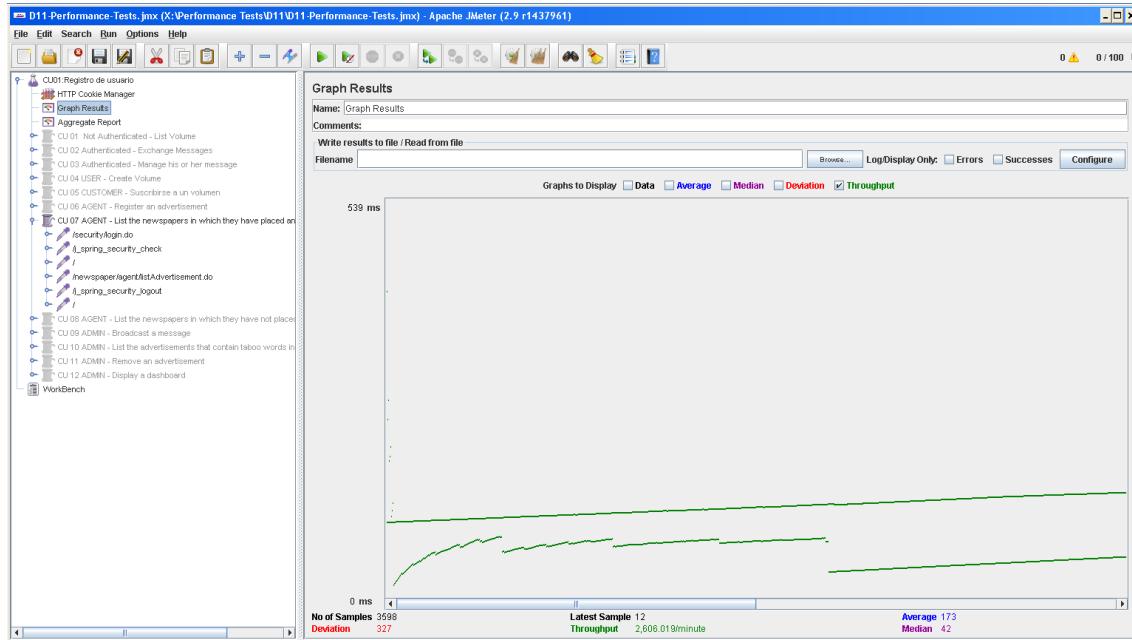
### Thread Group:



### Aggregate Report:



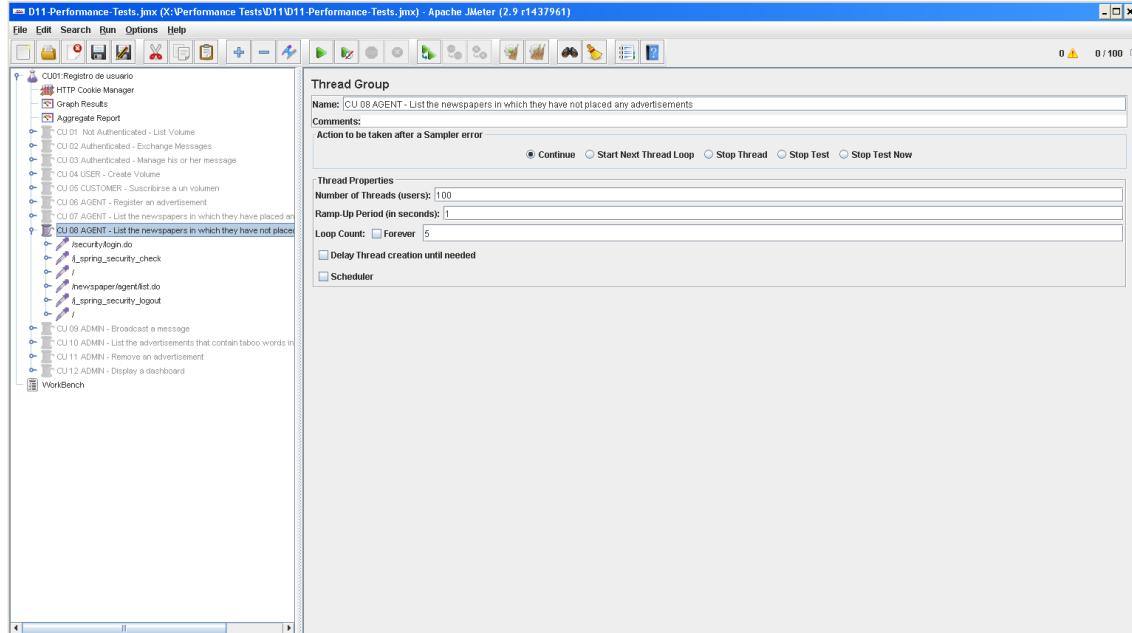
## Graph Results:



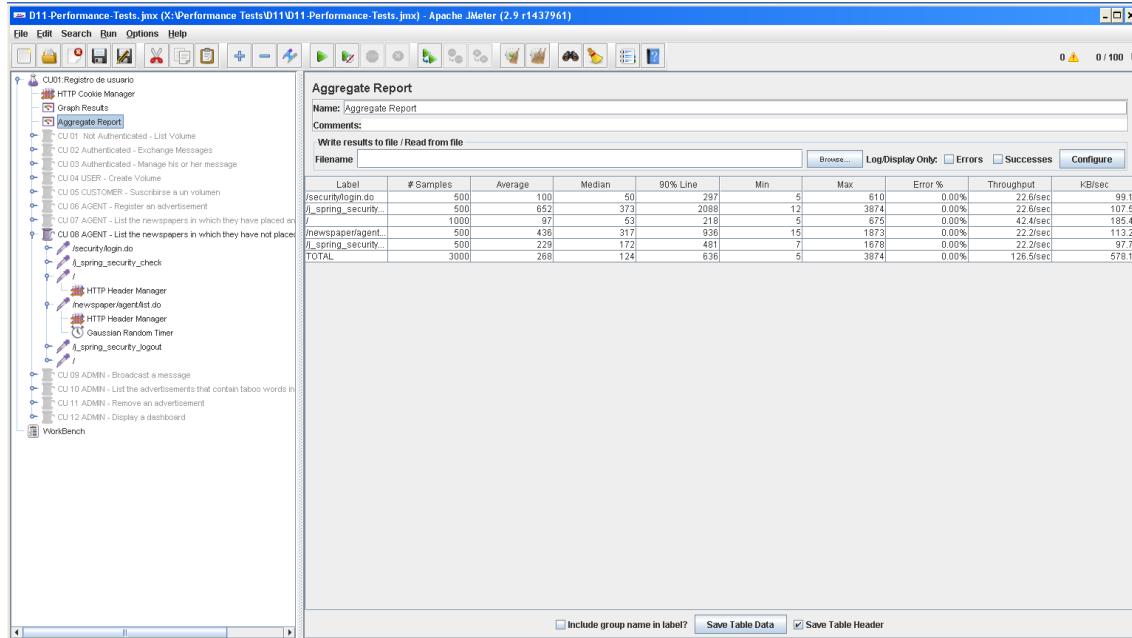
## CU32: Agente: Listar periódicos en los que no he puesto anuncios

**Descripción:** Autenticados como agente, mostramos los periódicos en los que no hemos puesto un anuncio.

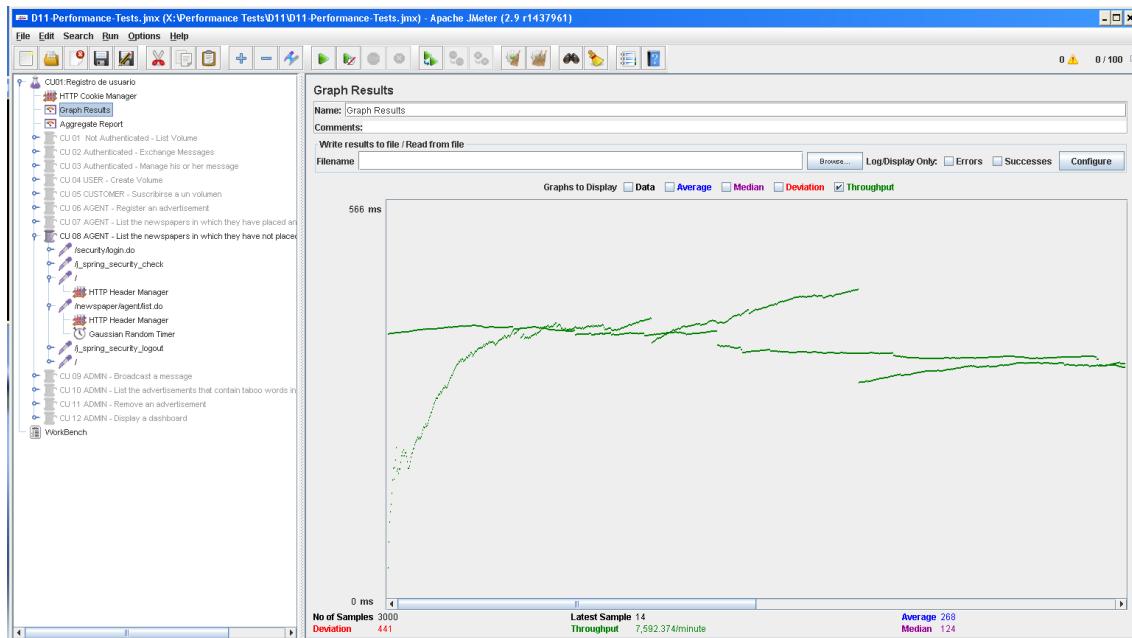
### Thread Group:



### Aggregate Report:



## Graph Results:



## CU33: Administrador: realizar un broadcast

**Descripción:** Autenticados como administrador, enviamos un mensaje de broadcast.

### Thread Group:

File Edit Search Run Options Help

CU01\_Registro de usuario

- HTTP Cookie Manager
- Aggregate Report
- Graph Results
- CU 01. Not Authenticated - List Volume
- CU 02 Authenticated - Exchange Messages
- CU 03 Authenticated - Manage his or her message
- CU 04 USER - Create Volumes
- CU 05-CUSTOMER - Subscribase a un volumen
- CU 06 AGENT - Register an advertisement
- CU 07 AGENT - List the newspapers in which they have placed an advertisement
- CU 08 AGENT - List the newspapers in which they have not placed an advertisement
- CU 09 ADMIN - Broadcast a message**
- CU 10 ADMIN - List the advertisements that contain taboo words in
- CU 11 ADMIN - Remove an advertisement
- CU 12 ADMIN - Display a dashboard

WorldBench

Thread Group

Name: CU 09 ADMIN - Broadcast a message

Comments:

Action to be taken after a Sampler error

Number of Threads (users): 100

Ramp-Up Period (in seconds): 1

Loop Count: Forever 5

Delay Thread creation until needed

Scheduler

### Aggregate Report:

File Edit Search Run Options Help

CU01\_Registro de usuario

- HTTP Cookie Manager
- Aggregate Report
- Graph Results
- CU 01. Not Authenticated - List Volume
- CU 02 Authenticated - Exchange Messages
- CU 03 Authenticated - Manage his or her message
- CU 04 USER - Create Volumes
- CU 05-CUSTOMER - Subscribase a un volumen
- CU 06 AGENT - Register an advertisement
- CU 07 AGENT - List the newspapers in which they have placed an advertisement
- CU 08 AGENT - List the newspapers in which they have not placed an advertisement
- CU 09 ADMIN - Broadcast a message**
- CU 10 ADMIN - List the advertisements that contain taboo words in
- CU 11 ADMIN - Remove an advertisement
- CU 12 ADMIN - Display a dashboard

Aggregate Report

Name: Aggregate Report

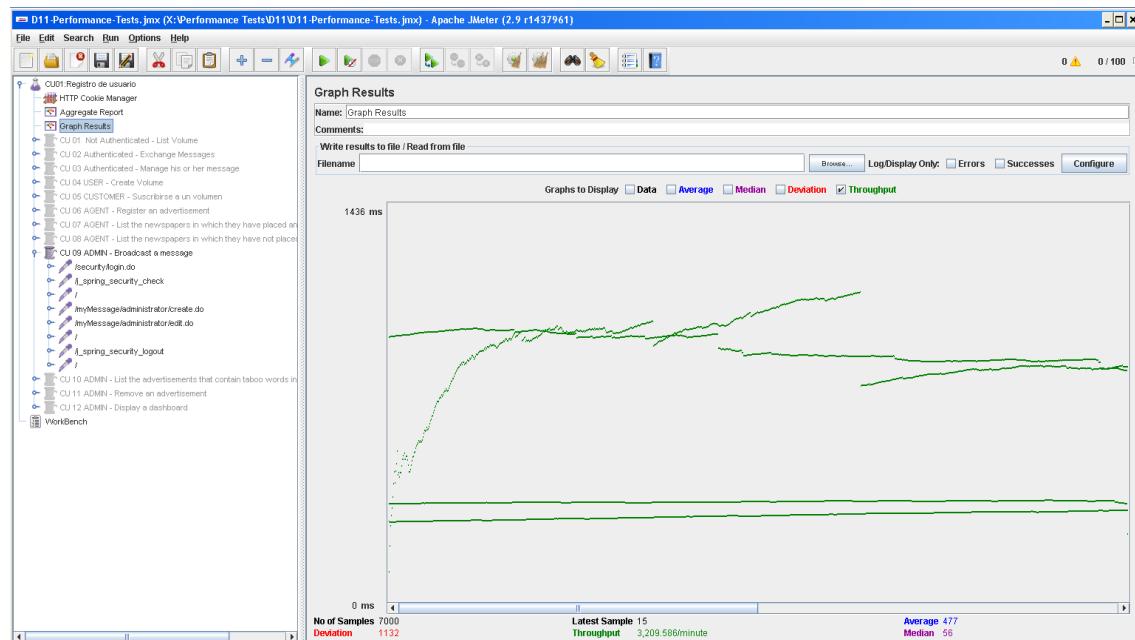
Comments:

Write results to file / Read from file

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/jsecurity/login.do	937	64	24	176	4	610	0.00%	8.3/sec	36.5
/j_security_check	913	901	407	2577	8	10560	0.00%	8.1/sec	40.6
/CU01_Registro...	2123	59	24	163	4	759	0.00%	18.8/sec	66.7
/newspaper/agent...	500	436	317	936	15	1873	0.00%	22.0/sec	113.2
/j_spring_securit...	855	151	80	388	7	1678	0.00%	7.6/sec	33.6
/jMyMessage/admin...	389	1282	678	2312	13	10313	0.00%	12.8/sec	78.0
/jMyMessage/admin...	357	2752	1886	5851	734	11490	0.00%	11.8/sec	74.9
TOTAL	6074	487	68	1369	4	11490	0.00%	53.7/sec	200.3

Include group name in label? Save Table Data Save Table Header

## Graph Results:



## CU34: Administrador: Listar anuncios con palabras tabú

**Descripción:** Autenticados como administrador, mostramos los anuncios que contienen palabras tabú.

### Thread Group:

The screenshot shows the Apache JMeter interface with the following details:

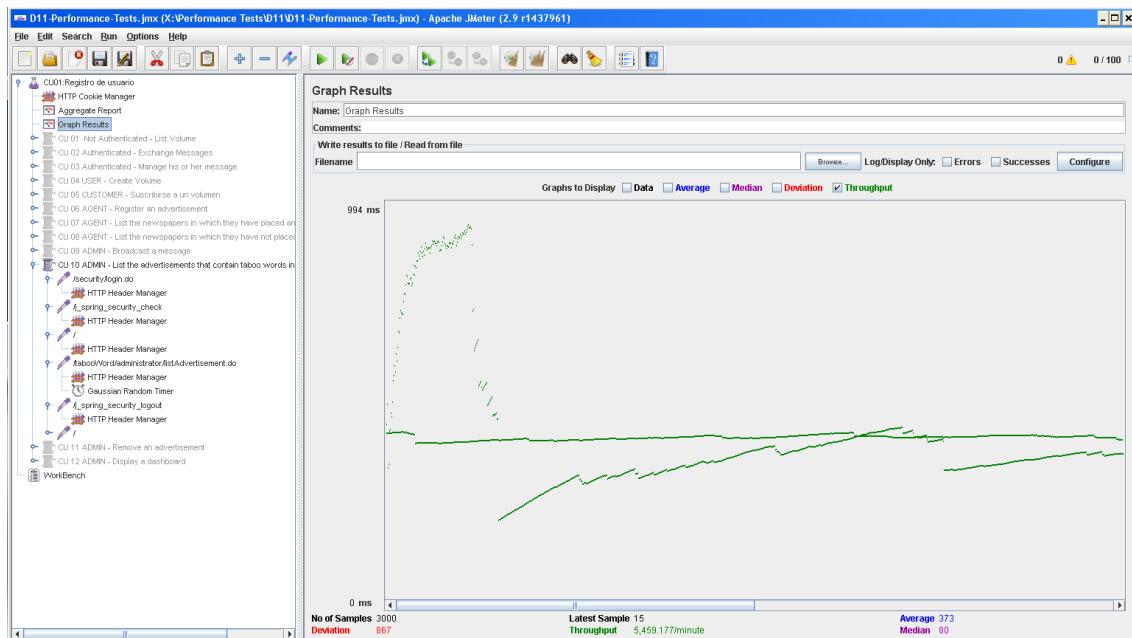
- File Path:** 011-Performance-Tests.jmx (X:\Performance Tests\011\011-Performance-Tests.jmx) - Apache JMeter (2.9 r1437961)
- Thread Group:**
  - Name:** CU 10 ADMIN - List the advertisements that contain taboo words in its title
  - Comments:** Action to be taken after a Sampler error: Continue
  - Thread Properties:**
    - Number of Threads (users): 100
    - Ramp-Up Period (in seconds): 1
    - Loop Count: Forever 5
    - Delay Thread creation until needed
    - Scheduler
- Test Plan Structure:** Shows various samplers including HTTP Header Manager, HTTP Cookie Manager, and various JMeter samplers for different user roles and actions.

### Aggregate Report:

The screenshot shows the Apache JMeter interface with the following details:

- File Path:** 011-Performance-Tests.jmx (X:\Performance Tests\011\011-Performance-Tests.jmx) - Apache JMeter (2.9 r1437961)
- Aggregate Report:**
  - Name:** Aggregate Report
  - Comments:**
  - Write results to file / Read from file:** Filename: (empty)
  - Table Headers:** Label, # Samples, Average, Median, 90% Line, Min, Max, Error %, Throughput, KB/sec
  - Data:** A table showing performance metrics for various requests. The table includes rows for security/login.do, j\_spring\_security\_check, j\_spring\_security\_logout, and a total row.
- Test Plan Structure:** Shows the same structure as the Thread Group, including various samplers and listeners.

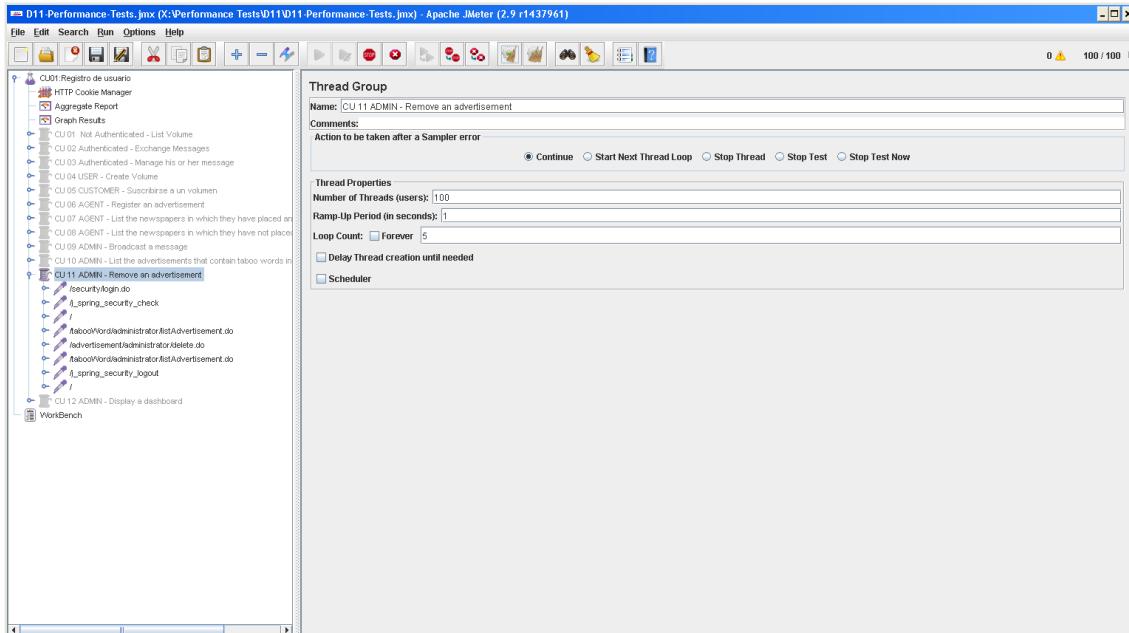
## Graph Results:



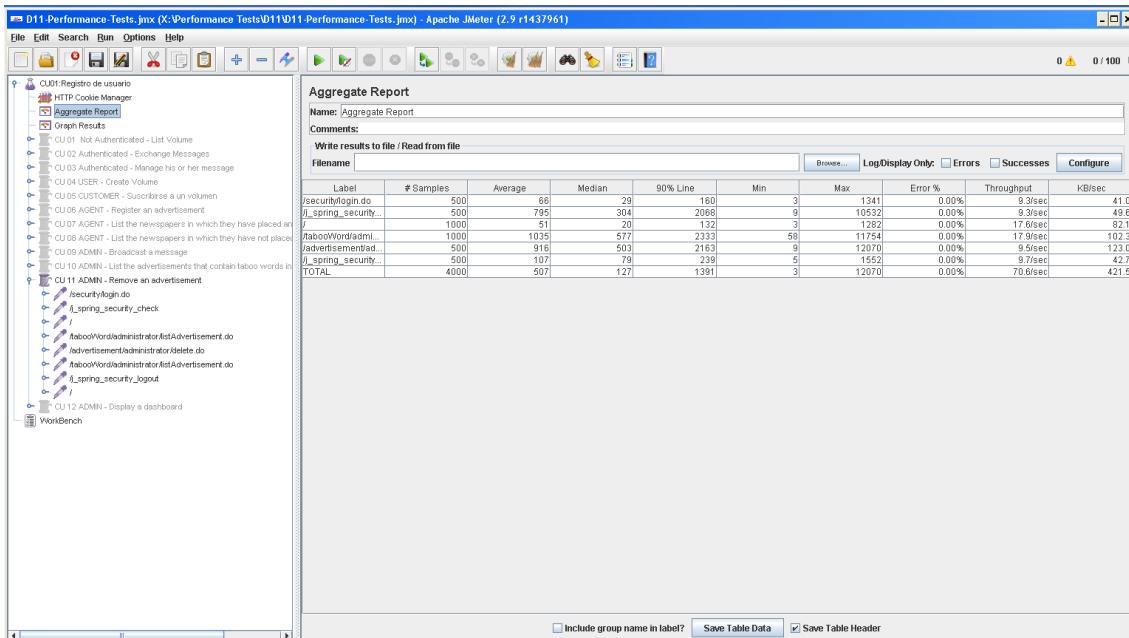
## CU35: Administrador: eliminar un anuncio inapropiado

**Descripción:** Autenticados como administrador, eliminamos un anuncio inapropiado.

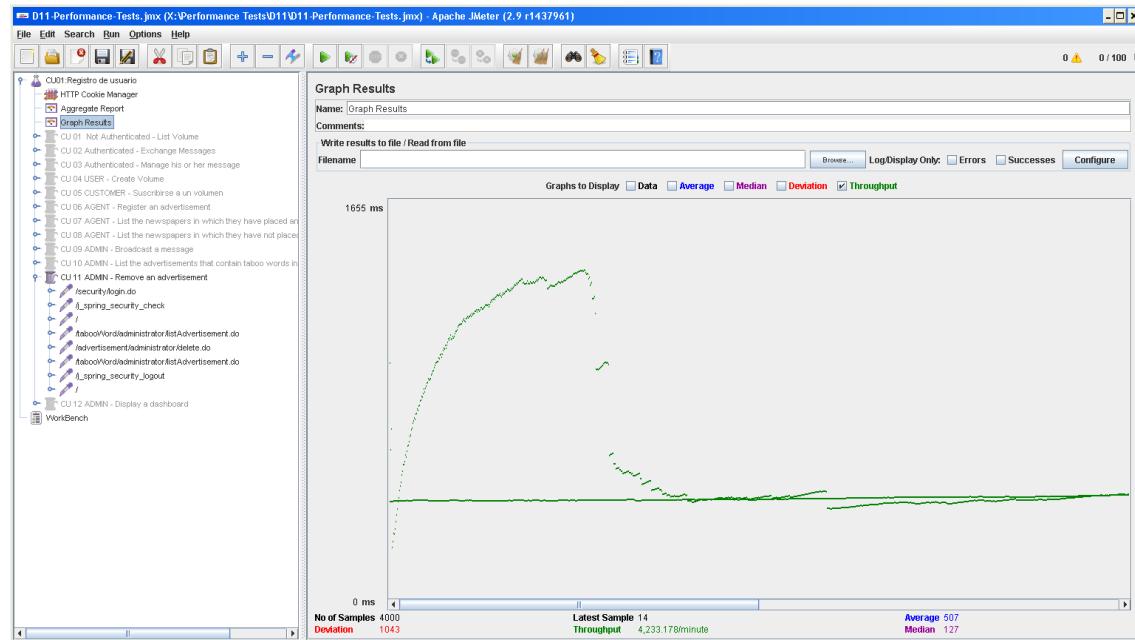
### Thread Group:



### Aggregate Report:



## Graph Results:



## CU36: Administrador: mostrar el cuadro de mando

**Descripción:** Autenticados como administrador, mostramos el cuadro de mando.

### Thread Group:

The screenshot shows the Apache JMeter interface with a 'Thread Group' configuration. The 'Name' field is set to 'CU 12 ADMIN - Display a dashboard'. The 'Number of Threads (users)' is 100, and the 'Ramp-Up Period (in seconds)' is 1. The 'Loop Count' is set to 'Forever'. The 'Thread Properties' section includes options for 'Delay Thread creation until needed' and 'Scheduler'. On the left, there is a tree view of test elements under 'CU12 Admin - Display a dashboard', including 'security/login.do', 'i\_spring\_security\_check', 'i', 'dashboard/administrator/display.do', and 'i\_spring\_security\_logout'. A 'WorkBench' tab is also visible.

### Aggregate Report:

The screenshot shows the Apache JMeter interface with an 'Aggregate Report' table. The table includes columns for Label, # Samples, Average, Median, 90% Line, Min, Max, Error %, Throughput, and KB/sec. The data shows results for security/login.do, i\_spring\_security\_check, i, dashboard/administrator/display.do, and i\_spring\_security\_logout. A 'TOTAL' row is also present. At the bottom, there are checkboxes for 'Include group name in label?', 'Save Table Data', and 'Save Table Header'.

Label	# Samples	Average	Median	90% Line	Min	Max	Error %	Throughput	KB/sec
/security/login.do	434	46	25	67	3	649	0.00%	22.39/sec	97.9
i_spring_security_check	413	698	288	1945	9	5959	0.00%	21.39/sec	113.3
i	774	30	23	57	3	735	0.00%	39.89/sec	186.6
dashboard/administrator/display.do	363	1366	1048	2833	124	6008	0.00%	19.69/sec	214.7
i_spring_security_logout	363	70	48	111	7	775	0.00%	19.79/sec	87.0
<b>TOTAL</b>	2347	363	41	1150	3	6008	0.00%	120.6/sec	683.2

## Graph Results:

