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Administrator: C:\Windows\system32\cmd.exe
C:\NISI2503\Meter>jmeter -n -t test.jmx
Writing log file to: C:\NISI2503\Meter\bin\jmeter.log
Creating summariser <summary>
Created the tree successfully using test.jmx
Starting the test @ Wed Apr 04 08:05:18 COT 2018 (152204710984)
Waiting for possible Shutdown/StopTestNow/Heapdump message on port 4445
summary = 5847 in 00:00:19 = 268.0/s Avg: 30 Min: 1 Max: 1771 Err:
0 (0.00%) Active: 4 Started: 5050 Finished: 5046
summary = 7042 in 00:00:30 = 234.7/s Avg: 14 Min: 1 Max: 6732 Err:
0 (0.00%) Active: 3 Started: 12091 Finished: 12088
summary = 12089 in 00:00:49 = 247.6/s Avg: 50 Min: 1 Max: 6732 Err:
0 (0.00%) Active: 4 Started: 5050 Finished: 5046
summary = 3923 in 00:00:30 = 130.8/s Avg: 16 Min: 1 Max: 583 Err:
170 (4.33%) Active: 19 Started: 15830 Finished: 15812
summary = 16012 in 00:01:19 = 203.1/s Avg: 42 Min: 1 Max: 6732 Err:
170 (1.06%) Active: 3980 in 00:00:20 = 199.3/s Avg: 805 Min: 4 Max: 3735 Err: 3
988 (100.00%) Active: 0 Started: 20000 Finished: 20000
summary = 20000 in 00:01:39 = 282.3/s Avg: 194 Min: 1 Max: 6732 Err: 4
158 (20.77%)
Tidying up ... @ Wed Apr 04 08:06:50 COT 2018 (1522047210012)
... end of run
C:\NISI2503\Meter>jmeter -n -t test.jmx
Writing log file to: C:\NISI2503\Meter\bin\jmeter.log
Creating summariser <summary>
Created the tree successfully using test.jmx
Starting the test @ Wed Apr 04 08:20:31 COT 2018 (1522048031751)
Waiting for possible Shutdown/StopTestNow/Heapdump message on port 4445
summary = 1 in 00:00:01 = 1.2/s Avg: 315 Min: 315 Max: 315 Err:
0 (0.00%) Active: 109 Started: 169 Finished: 0
summary = 7246 in 00:00:27 = 266.3/s Avg: 44 Min: 1 Max: 3511 Err:
0 (0.00%) Active: 72 Started: 7225 Finished: 7246
summary = 7247 in 00:00:28 = 258.2/s Avg: 44 Min: 1 Max: 3511 Err:
0 (0.00%) Active: 6591 in 00:00:30 = 223.0/s Avg: 15 Min: 1 Max: 2139 Err:
0 (0.00%) Active: 4 Started: 13941 Finished: 13937
summary = 13930 in 00:00:50 = 240.0/s Avg: 30 Min: 1 Max: 3511 Err:
942 (6.23%) Active: 260 Started: 10934 Finished: 10666
summary = 10666 in 00:01:20 = 211.9/s Avg: 160 Min: 1 Max: 3511 Err: 2
942 (15.76%) Active: 1334 in 00:00:10 = 136.4/s Avg: 2285 Min: 9 Max: 3994 Err: 1
334 (100.00%) Active: 0 Started: 20000 Finished: 20000
summary = 20000 in 00:01:30 = 204.4/s Avg: 302 Min: 1 Max: 3994 Err: 4
276 (21.38%)
Tidying up ... @ Wed Apr 04 08:22:09 COT 2018 (1522048129001)
... end of run
C:\NISI2503\Meter>jmeter -n -t test.jmx
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## Pruebas de carga:

Se utilizó un balanceador de carga el cual tenía una capacidad máxima de 30000 usuarios cuando se probó sin la seguridad. Luego de implementar la seguridad la capacidad que tenía el balanceador se redujo a 25000 peticiones. El hecho que no funcionase la prueba de carga fue porque tenía poco escalamiento vertical el envió de las peticiones a cada nodo. Al implementar la seguridad, se presentaron más errores por tiempo de espera de cada petición. Que superaban un segundo en máximo más rápidamente.