Results of performance testing

date: Nov 25, 2016
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machine info:
System: Ubuntu 12.04 LTS 32 bit
CPU: Intel 1.5 Ghz
RAM: 384 Mb

perforance test with low-level loading (100 users, 5 GET-requests for each):

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	KB/sec
HTTP Requ...	100	1	0	23	2.78	0.00%	98.6/sec	17.05
TOTAL	100	1	0	23	2.78	0.00%	98.6/sec	17.05

performance test with mid-level loading (100 users, 500 GET-requests for each):

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	KB/sec
HTTP Requ...	100	1	0	18	2.36	0.00%	97.8/sec	16.91
TOTAL	100	1	0	18	2.36	0.00%	97.8/sec	16.91

performance test with high-level loading (1000 users, 1000 GET-requests for each):

Label	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	KB/sec
HTTP Requ...	1000	192	0	1069	269.84	0.00%	439.2/sec	75.91
TOTAL	1000	192	0	1069	269.84	0.00%	439.2/sec	75.91

longevity test (100 users, 10000 GET-requests):

(unstable work of the system at 146*-15**'s samples)

Sample #	Start Time	Thread Name	Label	Sample Time(ms)
1459	10:23:42.670	Thread Group 1-...	HTTP Request	10
1460	10:23:42.669	Thread Group 1-3	HTTP Request	11
1461	10:23:42.670	Thread Group 1-...	HTTP Request	11
1462	10:23:42.671	Thread Group 1-...	HTTP Request	10
1463	10:23:42.671	Thread Group 1-...	HTTP Request	10
1464	10:23:42.677	Thread Group 1-...	HTTP Request	4
1465	10:23:42.672	Thread Group 1-4	HTTP Request	9
1466	10:23:42.679	Thread Group 1-...	HTTP Request	3
1467	10:23:42.678	Thread Group 1-...	HTTP Request	4
1468	10:23:42.012	Thread Group 1-6	HTTP Request	671
1469	10:23:42.060	Thread Group 1-...	HTTP Request	624
1470	10:23:42.040	Thread Group 1-...	HTTP Request	644
1471	10:23:42.022	Thread Group 1-8	HTTP Request	662
1472	10:23:42.029	Thread Group 1-...	HTTP Request	655
1473	10:23:42.082	Thread Group 1-...	HTTP Request	603
1474	10:23:42.071	Thread Group 1-...	HTTP Request	614
1475	10:23:42.054	Thread Group 1-...	HTTP Request	631
1476	10:23:42.112	Thread Group 1-...	HTTP Request	573
1477	10:23:42.116	Thread Group 1-...	HTTP Request	570
1478	10:23:42.091	Thread Group 1-...	HTTP Request	595
1479	10:23:42.142	Thread Group 1-...	HTTP Request	544
1480	10:23:42.132	Thread Group 1-...	HTTP Request	555
1481	10:23:42.122	Thread Group 1-...	HTTP Request	565
1482	10:23:42.173	Thread Group 1-...	HTTP Request	514
1483	10:23:42.163	Thread Group 1-...	HTTP Request	524
1484	10:23:42.153	Thread Group 1-...	HTTP Request	535
1485	10:23:42.206	Thread Group 1-9	HTTP Request	482
1486	10:23:42.217	Thread Group 1-...	HTTP Request	471
1487	10:23:42.186	Thread Group 1-...	HTTP Request	503
1488	10:23:42.248	Thread Group 1-...	HTTP Request	441

volume testing (1000 users, 1000 GET-requests):