

1. Load model

VU	45
Ramp-up	90 sec
Duration	1200 sec

2. KPIs

Samples

Error %

Response time (Avg, Min, Max, Median, 90th pct, 95th pct, 99th pct)

CPU Avg

Memory Avg

4. VM's configurations

Posts	100	1000	2000	5000	1000 + 1000 with 1Mb photo
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- 1) 1000 posts
- 2) 2000 posts
- 3) 5000 posts

4) 1000 + 1000 with 1Mb photo



1000 posts	0.1%	-21%	196%	60%	183%	282%	260%	184%	67%	7%	4%
2000 posts	-4.5%	57%	469%	267%	2888%	659%	551%	428%	258%	33%	0%
5000 posts	-7.8%	70%	469%	627%	1199%	545%	617%	492%	278%	48%	4%

According to the test results, we see that a significant degradation occurs in 2000 posts on the site. So, **the threshold for degradation** is 2000 posts.

6. 2000 posts VS 1000 posts + 1000 posts with 1Mb photo

Config	Samples	Error %	Response time, ms							CPU	RAM
			Avg	Min	Max	Median	90 th pct	95 th pct	99 th pct		
2000 posts	22790	0.001843%	256	55	6214	167	651	882	1500	80%	81%
1000 posts + 1000 posts with 1Mb photo	22229	0.001799%	240	43	1885	118	582	908	2320	88%	84%
Difference	-561	-0.000044	-16	-12	-4329	-49	-69	26	820	8	3
Difference, %	-2.4%	-2.3%	-6.25%	-21.8%	-69.6%	-29.3%	-10.6%	3%	54.7%	10%	3.7%