

Lab 2 Results

Maximum number of connections handled by the server before connection drops: 11

RPS sustained by server while operating at max concurrency: 976.95 [#/sec] (mean)

Average (50%) percentile of response time (ms): 6

99 percentile of response time (ms): 15

Table 1 lists CPU, disk, and network usage, taken from dstat. Each row represents a snapshot per second, during the run of the Apache benchmark. Table 2 lists memory usage, taken from vmstat.

total cpu usage						dsk/total		net/total			
usr	sys	idl	wai	hiq	siq	read	writ	recv	send		
0.136	0.066	99.624		0.164	0	0.01	37186.658	54669.055	0	0	0
0.99	0	99.01		0	0	0	0	0	52	0	0
0	0	100		0	0	0	0	0	644	996	996
0	1	99		0	0	0	0	0	540	1028	1028
0	1.02	96.939		0	0	2.041	0	0	599355	241124	241124
1.02	1.02	96.939		0	0	1.02	0	0	700315	281500	281500
0	0	100		0	0	0	0	57344	0	0	0
0	0.99	99.01		0	0	0	0	0	524	574	574

Table 1

procs		-----memory-----				---swap--		-----io----		-system--			-----cpu-----			
r	b	swpd	free	buff	cache	si	so	bi	bo	in	cs	us	sy	id	wa	st
0	0	0	665108	13792	282740	0	0	21	29	33	36	0	0	100	0	0
0	0	0	665104	13792	282744	0	0	0	0	16	18	0	0	100	0	0
0	0	0	665104	13792	282744	0	0	0	0	10	11	0	0	100	0	0
0	0	0	665104	13792	282744	0	0	0	0	9	11	0	0	100	0	0
0	0	0	665104	13792	282744	0	0	0	8	13	17	0	0	100	0	0
0	0	0	664724	13792	282744	0	0	0	0	8208	6592	1	6	92	0	1
0	0	0	664856	13800	282744	0	0	0	28	458	587	0	0	100	0	0
0	0	0	664856	13800	282744	0	0	0	0	5	4	0	0	100	0	0
0	0	0	664856	13800	282744	0	0	0	0	21	33	0	0	100	0	0

Table 2