

ECE326 lab2 report

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Max number of request - 1300

Max concurrent connections - 44

Benchmark configuration for maximum number of connections and request

Server Software: WSGIServer/0.2

Server Hostname: localhost

Server Port: 8080

Document Path: /

Document Length: 1151 bytes

Concurrency Level: 44

Time taken for tests: 54.246 seconds

Complete requests: 1300

Failed requests: 0

Total transferred: 1864200 bytes

HTML transferred: 1496300 bytes

Requests per second: 23.96 [#/sec] (mean)

Time per request: 1836.021 [ms] (mean)

Time per request: 41.728 [ms] (mean, across all concurrent requests)

Transfer rate: 33.56 [Kbytes/sec] received

Connection Times (ms)

	min	mean[+/-sd]	median	max
Connect:	0	0 0.3	0	2
Processing:	47	685 3980.1	58	54091
Waiting:	46	684 3979.8	56	54091
Total:	48	685 3980.2	58	54093

Percentage of the requests served within a certain time (ms)

50%	58
66%	77
75%	249
80%	265
90%	1102
95%	1317
98%	2135
99%	14756
100%	54093 (longest request)

Utilization of CPU, memory, disk IO, and network when max performance is sustained

System_Resource_Utilization_Table

usr	sys	idl	wai	stl	read_kb	writ_kb	recv_kb	send_kb	used_mem_MB	free_mem_MB	buff_mem_MB	cach_mem_MB
7	1	88	0	5	0	0	22	78	249	155	31.7	467
16	5	79	0	0	0	0	50	199	249	155	31.7	467
15	4	80	0	1	0	0	51	216	249	155	31.7	467
17	5	78	0	0	0	0	50	215	249	155	31.7	467
15	3	79	0	4	0	0	40	177	249	155	31.7	467
18	6	75	0	1	0	0	58	237	249	155	31.7	467
5	0	93	0	2	0	0	15	66	249	155	31.7	467
17	4	77	0	2	0	0	48	201	249	155	31.7	467
18	5	75	0	2	0	0	52	230	249	155	31.7	467
12	3	84	0	1	0	0	36	147	249	155	31.7	467
14	5	77	0	4	0	0	45	200	249	155	31.7	467
20	5	75	0	0	0	0	59	249	249	155	31.7	467
17	4	77	0	2	0	0	56	221	249	155	31.7	467
18	4	77	0	1	0	0	50	225	249	155	31.7	467
15	3	82	0	0	0	0	40	160	249	155	31.7	467