

LAPORAN HASIL PERFORMANCE TEST

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Kelas : Pemrograman Jaringan C

Performance test sederhana:

1. Menggunakan apachebenchark, dengan command ab
2. Test server dengan

ab -n <jumlah request> -c <concurrency> <http://127.0.0.1:10001/>

dengan parameter sebagai berikut:

nomor	Jumlah Request	Konkurensi
1	10	1
2	10	5
3	10	10
4	50	1
5	50	10
6	50	30
7	50	50
8	100	1
9	100	10
10	100	50
11	100	100

3. Catatan keluaran hasil performance test

No test	Concurrency level	Time taken for test	Complete request	Failed request	Total transferred	Request per second	Time per second	Transfer rate
1	1	0.562 sec	10	0	1360 bytes	17.78 [#/sec]	56.237 [ms]	2.3 [Kbytes/sec]
2	5	2.124 sec	10	0	1360 bytes	4.71 [#/sec]	212.450 [ms]	0.63 [Kbytes/sec]

3	10	2.105 sec	10	0	1360 bytes	4.75 [#/sec]	210.488 [ms]	0.63 [Kbytes/sec]
4	1	4.183 sec	50	0	6800 bytes	11.95 [#/sec]	83.654 [ms]	1.59 [Kbytes/sec]
5	10	12.361 sec	50	0	6800 bytes	4.04 [#/sec]	247.223 [ms]	0.54 [Kbytes/sec]
6	30	12.393 sec	50	0	6800 bytes	4.03 [#/sec]	247.855 [ms]	0.54 [Kbytes/sec]
7	50	12.386 sec	50	0	6800 bytes	4.04 [#/sec]	247.354 [ms]	0.54 [Kbytes/sec]
8	1	9.808 sec	100	0	13600 bytes	10.20 [#/se[ms]c]	98.083 [ms]	1.35 [Kbytes/sec]
9	10	25.377 sec	100	0	13600 bytes	3.94 [#/sec]	253.772 [ms]	0.52 [Kbytes/sec]
10	50	25.393 sec	100	0	13600 bytes	3.94 [#/sec]	253.929 [ms]	0.52 [Kbytes/sec]
11	100	25.462 sec	100	0	13600 bytes	3.93 [#/sec]	254.622 [ms]	0.52 [Kbytes/sec]