

Performance Test Apache Benchmark

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pootreth@yemimasutanto: ~
File Edit View Search Terminal Help
pootreth@yemimasutanto:~$ ab -n 10 -c 1,5,10 http://127.0.0.1:10001/
This is ApacheBench, Version 2.3 <Revision: 1807734>
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Benchmarking 127.0.0.1 (be patient).....done

Server Software:      myserver/1.0
Server Hostname:      127.0.0.1
Server Port:          10001

Document Path:        /
Document Length:       26 bytes

Concurrency Level:     1
Time taken for tests:  0.030 seconds
Complete requests:     10
Failed requests:        0
Total transferred:     1620 bytes
HTML transferred:      260 bytes
Requests per second:   335.40 [#/sec] (mean)
Time per request:      2.982 [ms] (mean)
Time per request:      2.982 [ms] (mean, across all concurrent requests)
Transfer rate:          53.06 [Kbytes/sec] received

Connection Times (ms)
              min  mean[+/-sd] median  max
Connect:        0    0  0.1      0    0
Processing:      1    3  2.4      2    7
Waiting:         1    3  2.3      2    7
Total:           1    3  2.4      2    7

Percentage of the requests served within a certain time (ms)
 50%    2
 66%    3
 75%    5
 80%    6
 90%    7
 95%    7
 98%    7
 99%    7
100%    7 (longest request)
```

```
pootreth@yemimasutanto: ~
File Edit View Search Terminal Help
pootreth@yemimasutanto:~$ ab -n 50 -c 1,10,30,50 http://127.0.0.1:10001/
This is ApacheBench, Version 2.3 <Revision: 1807734>
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Benchmarking 127.0.0.1 (be patient).....done

Server Software:      myserver/1.0
Server Hostname:      127.0.0.1
Server Port:          10001

Document Path:        /
Document Length:       26 bytes

Concurrency Level:     1
Time taken for tests:  0.034 seconds
Complete requests:     50
Failed requests:        0
Total transferred:     8100 bytes
HTML transferred:     1300 bytes
Requests per second:   1453.78 [#/sec] (mean)
Time per request:      0.688 [ms] (mean)
Time per request:      0.688 [ms] (mean, across all concurrent requests)
Transfer rate:         229.99 [Kbytes/sec] received

Connection Times (ms)
              min  mean[+/-sd] median  max
Connect:        0    0  0.0      0    0
Processing:      0    1  0.3      1    2
Waiting:         0    1  0.3      1    2
Total:           0    1  0.3      1    2

Percentage of the requests served within a certain time (ms)
 50%    1
 66%    1
 75%    1
 80%    1
 90%    1
 95%    1
 98%    2
 99%    2
100%    2 (longest request)
```

```
pootreth@yemimasutanto: ~
File Edit View Search Terminal Help
pootreth@yemimasutanto:~$ ab -n 100 -c 1,10,50,100 http://127.0.0.1:10001/
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Benchmarking 127.0.0.1 (be patient).....done

Server Software:      myserver/1.0
Server Hostname:      127.0.0.1
Server Port:          10001

Document Path:        /
Document Length:       26 bytes

Concurrency Level:     1
Time taken for tests:  0.067 seconds
Complete requests:     100
Failed requests:        0
Total transferred:     16200 bytes
HTML transferred:     2600 bytes
Requests per second:   1491.16 [#/sec] (mean)
Time per request:      0.671 [ms] (mean)
Time per request:      0.671 [ms] (mean, across all concurrent requests)
Transfer rate:         235.91 [Kbytes/sec] received

Connection Times (ms)
              min  mean[+/-sd] median  max
Connect:        0    0  0.0      0    0
Processing:      0    1  0.2      1    3
Waiting:         0    1  0.2      1    3
Total:           0    1  0.2      1    3

Percentage of the requests served within a certain time (ms)
 50%    1
 66%    1
 75%    1
 80%    1
 90%    1
 95%    1
 98%    2
 99%    3
100%    3 (longest request)
```

Rangkuman dari screenshot hasil Performance Test di atas yaitu:

No Test	Concurrency level	Time taken for test (s)	Complete request	Failed request	Total transferred (bytes)	Request per second (#/sec)	Time per request (ms)	Transfer rate (Kbytes/sec)
1	1	0.03	10	0	1620	335.4	2.982	53.06
2	1	0.034	50	0	8100	1453.78	0.688	229.99
3	1	0.067	100	0	16200	1491.16	0.671	235.91

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