

Nomor 8

1. Hasil Testing

Round Robin

```
Benchmarking riegel.canyon.d14.com (be patient)
Completed 100 requests
Completed 200 requests
Completed 300 requests
Completed 400 requests
Completed 500 requests
Completed 600 requests
Completed 700 requests
Completed 800 requests
Completed 900 requests
Completed 1000 requests
Finished 1000 requests

Server Software:      nginx/1.14.2
Server Hostname:      riegel.canyon.d14.com
Server Port:          80

Document Path:        /
Document Length:       636 bytes

Concurrency Level:     100
Time taken for tests:   1.528 seconds
Complete requests:     1000
Failed requests:        333
    (Connect: 0, Receive: 0, Length: 333, Exceptions: 0)
Total transferred:     772667 bytes
HTML transferred:      635667 bytes
Requests per second:   654.28 [#/sec] (mean)
Time per request:      152.841 [ms] (mean)
Time per request:      1.528 [ms] (mean, across all concurrent requests)
Transfer rate:         493.69 [Kbytes/sec] received

Connection Times (ms)
              min  mean[+/-sd] median   max
Connect:        0    7   3.8      6    20
Processing:      2   35  72.8     22  1031
Waiting:         1   34  71.9     22  1031
Total:          2   42  72.9     30  1048

Percentage of the requests served within a certain time (ms)
 50%    30
 66%    33
 75%    37
 80%    39
 90%    45
 95%    61
 98%   270
 99%   416
100%  1048 (longest request)
```

Lawine

CPU[20.9%] Tasks: 10, 0 thr; 1 running											
Mem[572M/1.92G] Load average: 0.39 0.24 0.22											
Swp[268K/2.00G] Uptime: 06:02:47											
PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
8045	www-data	20	0	62224	6776	4752	S	0.8	0.3	0:00.06	nginx: worker p
7920	www-data	20	0	189M	10612	6944	S	0.8	0.5	0:00.09	php-fpm: pool w
1	root	20	0	4000	3216	2708	S	0.0	0.2	0:00.05	bash
65	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busyb
71	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busyb
7497	root	20	0	3704	3032	2204	T	0.0	0.2	0:00.01	nano default
7918	root	20	0	188M	6688	3308	S	0.0	0.3	0:00.16	php-fpm: master
7919	www-data	20	0	189M	10016	6448	S	0.0	0.5	0:00.08	php-fpm: pool w
8043	root	20	0	61592	1740	60	S	0.0	0.1	0:00.00	nginx: master p
8062	root	20	0	4788	3112	2688	R	0.0	0.2	0:00.00	htop

Linie

CPU[34.2%] Tasks: 9, 0 thr; 1 running											
Mem[572M/1.92G] Load average: 0.51 0.28 0.24											
Swp[268K/2.00G] Uptime: 06:03:20											
PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
7278	www-data	20	0	62356	6808	4780	S	2.5	0.3	0:00.11	nginx: worker p
7102	www-data	20	0	189M	9752	6180	S	0.8	0.5	0:00.10	php-fpm: pool w
7103	www-data	20	0	189M	10536	6872	S	0.0	0.5	0:00.10	php-fpm: pool w
7295	root	20	0	4788	3092	2668	R	0.0	0.2	0:00.01	htop
1	root	20	0	3996	3288	2792	S	0.0	0.2	0:00.01	bash
44	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busyb
50	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busyb
7101	root	20	0	188M	6680	3300	S	0.0	0.3	0:00.15	php-fpm: master
7276	root	20	0	61592	1752	72	S	0.0	0.1	0:00.00	nginx: master p

Lugner

```
CPU[|||||||] 34.2%] Tasks: 9, 0 thr; 1 running
Mem[|||||||]572M/1.92G] Load average: 0.56 0.32 0.25
Swp[|] 268K/2.00G] Uptime: 06:03:50
```

PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
7200	www-data	20	0	62296	6784	4628	S	1.7	0.3	0:00.15	nginx: worker p
7105	www-data	20	0	189M	8348	4860	S	0.9	0.4	0:00.11	php-fpm: pool w
7106	www-data	20	0	189M	10840	7176	S	0.0	0.5	0:00.11	php-fpm: pool w
7216	root	20	0	4788	3152	2724	R	0.0	0.2	0:00.01	htop
1	root	20	0	3996	3368	2872	S	0.0	0.2	0:00.02	bash
59	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busyb
65	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busyb
7104	root	20	0	188M	6812	3432	S	0.0	0.3	0:00.14	php-fpm: master
7197	root	20	0	61592	1736	52	S	0.0	0.1	0:00.00	nginx: master p

```
Requests per second: 654.28 [# /sec] (mean)
```

Least Connection

```
Benchmarking riegel.canyon.d14.com (be patient)
Completed 100 requests
Completed 200 requests
Completed 300 requests
Completed 400 requests
Completed 500 requests
Completed 600 requests
Completed 700 requests
Completed 800 requests
Completed 900 requests
Completed 1000 requests
Finished 1000 requests


Server Software:      nginx/1.14.2
Server Hostname:      riegel.canyon.d14.com
Server Port:          80


Document Path:        /
Document Length:       636 bytes


Concurrency Level:     100
Time taken for tests:  1.407 seconds
Complete requests:     1000
Failed requests:        332
   (Connect: 0, Receive: 0, Length: 332, Exceptions: 0)
Total transferred:     772668 bytes
HTML transferred:      635668 bytes
Requests per second:   710.60 [#/sec] (mean)
Time per request:      140.727 [ms] (mean)
Time per request:      1.407 [ms] (mean, across all concurrent requests)
Transfer rate:         536.19 [Kbytes/sec] received


Connection Times (ms)
              min    mean[+/-sd] median    max
Connect:        0      7   2.8         7     15
Processing:      2     41  86.0        24    1003
Waiting:         1     40  84.5        24    1003
Total:          2     49  85.9        31    1014


Percentage of the requests served within a certain time (ms)
 50%    31
 66%    34
 75%    38
 80%    41
 90%    44
 95%    82
 98%   293
 99%   522
100%  1014 (longest request)
root@Revolte(Client):D:/#
```

Lawine

CPU[33.3%] Tasks: 10, 0 thr; 1 running Mem[572M/1.92G] Load average: 0.41 0.30 0.25 Swp[268K/2.00G] Uptime: 06:06:46											
PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
8045	www-data	20	0	62312	6840	4752	S	2.5	0.3	0:00.25	nginx: worker p
7920	www-data	20	0	189M	10612	6944	S	0.8	0.5	0:00.16	php-fpm: pool w
8062	root	20	0	4788	3112	2688	R	0.0	0.2	0:00.06	htop
7919	www-data	20	0	189M	10016	6448	S	0.0	0.5	0:00.15	php-fpm: pool w
7918	root	20	0	188M	6688	3308	S	0.0	0.3	0:00.17	php-fpm: master
1	root	20	0	4000	3216	2708	S	0.0	0.2	0:00.05	bash
65	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busy
71	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busy
7497	root	20	0	3704	3032	2204	T	0.0	0.2	0:00.01	nano default
8043	root	20	0	61592	1740	60	S	0.0	0.1	0:00.00	nginx: master p

Linie

CPU[28.9%] Tasks: 9, 0 thr; 1 running Mem[572M/1.92G] Load average: 0.53 0.32 0.25 Swp[268K/2.00G] Uptime: 06:06:32											
PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
7278	www-data	20	0	62356	6808	4780	S	2.5	0.3	0:00.22	nginx: worker p
7102	www-data	20	0	189M	9752	6180	S	0.8	0.5	0:00.15	php-fpm: pool w
7103	www-data	20	0	189M	10536	6872	S	0.0	0.5	0:00.14	php-fpm: pool w
7295	root	20	0	4788	3092	2668	R	0.0	0.2	0:00.05	htop
7101	root	20	0	188M	6680	3300	S	0.0	0.3	0:00.16	php-fpm: master
1	root	20	0	3996	3288	2792	S	0.0	0.2	0:00.01	bash
44	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busy
50	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busy
7276	root	20	0	61592	1752	72	S	0.0	0.1	0:00.00	nginx: master p

Lugner

CPU[33.6%] Tasks: 9, 0 thr; 1 running Mem[572M/1.92G] Load average: 0.24 0.25 0.23 Swp[268K/2.00G] Uptime: 06:06:14											
PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
7200	www-data	20	0	62296	6784	4628	S	2.5	0.3	0:00.21	nginx: worker p
7106	www-data	20	0	189M	10840	7176	S	1.6	0.5	0:00.14	php-fpm: pool w
7216	root	20	0	4788	3152	2724	R	0.0	0.2	0:00.05	htop
7105	www-data	20	0	189M	8348	4860	S	0.0	0.4	0:00.13	php-fpm: pool w
7104	root	20	0	188M	6812	3432	S	0.0	0.3	0:00.15	php-fpm: master
1	root	20	0	3996	3368	2872	S	0.0	0.2	0:00.02	bash
59	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busy
65	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busy
7197	root	20	0	61592	1736	52	S	0.0	0.1	0:00.00	nginx: master p

Requests per second: 710.60 [#/sec] (mean)

IP Hash

```
Benchmarking riegel.canyon.d14.com (be patient)
Completed 100 requests
Completed 200 requests
Completed 300 requests
Completed 400 requests
Completed 500 requests
Completed 600 requests
Completed 700 requests
Completed 800 requests
Completed 900 requests
Completed 1000 requests
Finished 1000 requests


Server Software:      nginx/1.14.2
Server Hostname:      riegel.canyon.d14.com
Server Port:          80


Document Path:        /
Document Length:      636 bytes


Concurrency Level:    100
Time taken for tests:  1.547 seconds
Complete requests:    1000
Failed requests:      0
Total transferred:    773000 bytes
HTML transferred:     636000 bytes
Requests per second:  646.22 [#/sec] (mean)
Time per request:     154.745 [ms] (mean)
Time per request:     1.547 [ms] (mean, across all concurrent requests)
Transfer rate:        487.82 [Kbytes/sec] received


Connection Times (ms)
              min  mean[+/-sd] median   max
Connect:        0    7   3.4      7    17
Processing:     1   55 132.1     25  1031
Waiting:        1   53 131.5     25  1031
Total:          1   62 133.1     34  1044


Percentage of the requests served within a certain time (ms)
 50%    34
 66%    37
 75%    40
 80%    43
 90%    52
 95%   277
 98%   288
 99%  1013
100%  1044 (longest request)
```

Lawine

CPU[] 29.5% Tasks: 10, 0 thr; 1 running Mem[] 572M/1.92G Load average: 0.56 0.34 0.27 Swp[] 268K/2.00G Uptime: 06:08:28											
PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
8045	www-data	20	0	62312	6840	4752	S	5.7	0.3	0:00.37	nginx: worker p
7920	www-data	20	0	189M	10612	6944	S	1.6	0.5	0:00.20	php-fpm: pool w
7919	www-data	20	0	189M	10016	6448	S	1.6	0.5	0:00.19	php-fpm: pool w
8062	root	20	0	4788	3112	2688	R	0.0	0.2	0:00.08	htop
7918	root	20	0	188M	6688	3308	S	0.0	0.3	0:00.18	php-fpm: master
1	root	20	0	4000	3216	2708	S	0.0	0.2	0:00.05	bash
65	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busy
71	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busy
7497	root	20	0	3704	3032	2204	T	0.0	0.2	0:00.01	nano default
8043	root	20	0	61592	1740	60	S	0.0	0.1	0:00.00	nginx: master p

Linie

CPU[] 27.0% Tasks: 9, 0 thr; 1 running Mem[] 572M/1.92G Load average: 0.22 0.28 0.25 Swp[] 268K/2.00G Uptime: 06:09:26											
PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
7295	root	20	0	4788	3092	2668	R	0.0	0.2	0:00.10	htop
7101	root	20	0	188M	6680	3300	S	0.0	0.3	0:00.17	php-fpm: master
7278	www-data	20	0	62356	6808	4780	S	0.0	0.3	0:00.25	nginx: worker p
7103	www-data	20	0	189M	10536	6872	S	0.0	0.5	0:00.16	php-fpm: pool w
7102	www-data	20	0	189M	9752	6180	S	0.0	0.5	0:00.16	php-fpm: pool w
1	root	20	0	3996	3288	2792	S	0.0	0.2	0:00.01	bash
44	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busy
50	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busy
7276	root	20	0	61592	1752	72	S	0.0	0.1	0:00.00	nginx: master p

Lugner

CPU[] 14.3% Tasks: 9, 0 thr; 1 running Mem[] 575M/1.92G Load average: 0.22 0.27 0.25 Swp[] 268K/2.00G Uptime: 06:10:13											
PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
7216	root	20	0	4788	3152	2724	R	0.0	0.2	0:00.10	htop
7104	root	20	0	188M	6812	3432	S	0.0	0.3	0:00.16	php-fpm: master
7200	www-data	20	0	62296	6784	4628	S	0.0	0.3	0:00.28	nginx: worker p
7105	www-data	20	0	189M	8348	4860	S	0.0	0.4	0:00.16	php-fpm: pool w
7106	www-data	20	0	189M	10840	7176	S	0.0	0.5	0:00.16	php-fpm: pool w
1	root	20	0	3996	3368	2872	S	0.0	0.2	0:00.02	bash
59	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busy
65	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busy
7197	root	20	0	61592	1736	52	S	0.0	0.1	0:00.00	nginx: master p

```
Requests per second: 646.22 [#/sec] (mean)
```

Generic Hash


```

Benchmarking riegel.canyon.d14.com (be patient)
Completed 100 requests
Completed 200 requests
Completed 300 requests
Completed 400 requests
Completed 500 requests
Completed 600 requests
Completed 700 requests
Completed 800 requests
Completed 900 requests
Completed 1000 requests
Finished 1000 requests


Server Software:      nginx/1.14.2
Server Hostname:      riegel.canyon.d14.com
Server Port:          80


Document Path:        /
Document Length:      636 bytes


Concurrency Level:    100
Time taken for tests:  1.401 seconds
Complete requests:    1000
Failed requests:      0
Total transferred:    773000 bytes
HTML transferred:    636000 bytes
Requests per second:  713.53 [#/sec] (mean)
Time per request:     140.149 [ms] (mean)
Time per request:     1.401 [ms] (mean, across all concurrent requests)
Transfer rate:        538.63 [Kbytes/sec] received


Connection Times (ms)
              min    mean[+/-sd] median    max
Connect:      0      7    2.9      6     20
Processing:    2     42   91.4     23   1034
Waiting:       1     41   90.7     23   1034
Total:         2     49   91.4     31   1044


Percentage of the requests served within a certain time (ms)
 50%    31
 66%    33
 75%    35
 80%    38
 90%    45
 95%   233
 98%   303
 99%   305
100%  1044 (longest request)

```

CPU[26.8%] Tasks: 10, 0 thr; 1 running Mem[576M/1.92G] Load average: 0.08 0.22 0.23 Swp[268K/2.00G] Uptime: 06:11:15											
PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
8062	root	20	0	4788	3112	2688	R	0.0	0.2	0:00.12	htop
7918	root	20	0	188M	6688	3308	S	0.0	0.3	0:00.19	php-fpm: master
8045	www-data	20	0	62312	6920	4752	S	0.0	0.3	0:00.74	nginx: worker p
7919	www-data	20	0	189M	10016	6448	S	0.0	0.5	0:00.33	php-fpm: pool w
7920	www-data	20	0	189M	10612	6944	S	0.0	0.5	0:00.33	php-fpm: pool w
1	root	20	0	4000	3216	2708	S	0.0	0.2	0:00.05	bash
65	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busyb
71	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busyb
7497	root	20	0	3704	3032	2204	T	0.0	0.2	0:00.01	nano default
8043	root	20	0	61592	1740	60	S	0.0	0.1	0:00.00	nginx: master p

Linie

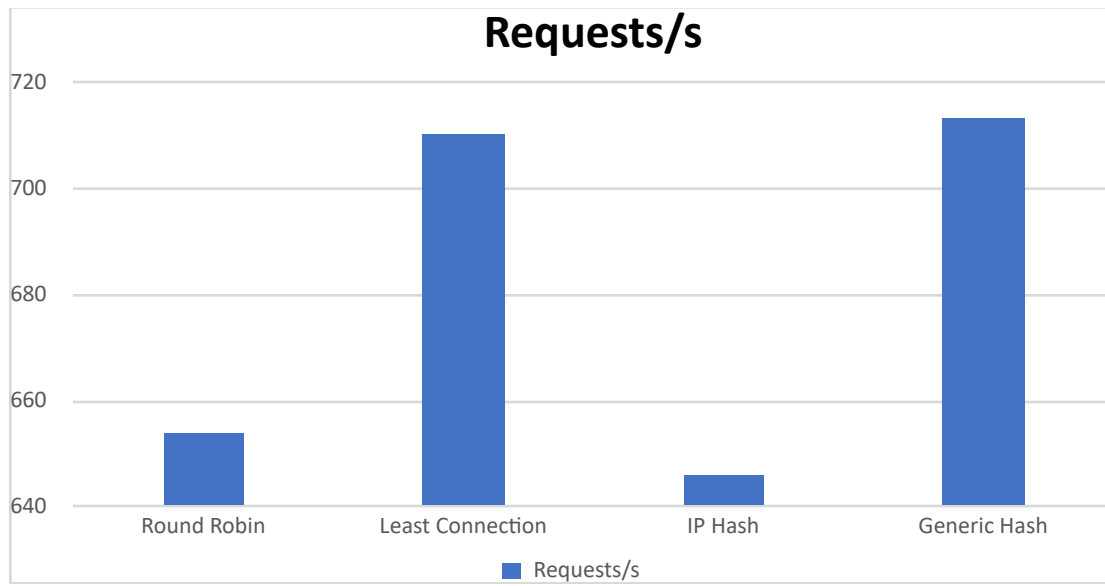
CPU[16.0%] Tasks: 9, 0 thr; 1 running Mem[576M/1.92G] Load average: 0.03 0.18 0.21 Swp[268K/2.00G] Uptime: 06:12:07											
PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
7295	root	20	0	4788	3092	2668	R	0.0	0.2	0:00.13	htop
7101	root	20	0	188M	6680	3300	S	0.0	0.3	0:00.18	php-fpm: master
7278	www-data	20	0	62356	6808	4780	S	0.0	0.3	0:00.25	nginx: worker p
7103	www-data	20	0	189M	10536	6872	S	0.0	0.5	0:00.16	php-fpm: pool w
7102	www-data	20	0	189M	9752	6180	S	0.0	0.5	0:00.16	php-fpm: pool w
1	root	20	0	3996	3288	2792	S	0.0	0.2	0:00.01	bash
44	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busyb
50	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busyb
7276	root	20	0	61592	1752	72	S	0.0	0.1	0:00.00	nginx: master p

Lugner

CPU[29.5%] Tasks: 9, 0 thr; 1 running Mem[576M/1.92G] Load average: 0.02 0.17 0.21 Swp[268K/2.00G] Uptime: 06:12:30											
PID	USER	PRI	NI	VIRT	RES	SHR	S	CPU%	MEM%	TIME+	Command
7200	www-data	20	0	62296	6784	4628	S	4.1	0.3	0:00.49	nginx: worker p
7105	www-data	20	0	189M	8348	4860	S	2.5	0.4	0:00.24	php-fpm: pool w
7106	www-data	20	0	189M	10840	7176	S	1.6	0.5	0:00.24	php-fpm: pool w
7216	root	20	0	4788	3152	2724	R	0.8	0.2	0:00.14	htop
7104	root	20	0	188M	6812	3432	S	0.0	0.3	0:00.17	php-fpm: master
1	root	20	0	3996	3368	2872	S	0.0	0.2	0:00.02	bash
59	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busyb
65	root	20	0	2428	4	0	S	0.0	0.0	0:00.00	/gns3/bin/busyb
7197	root	20	0	61592	1736	52	S	0.0	0.1	0:00.00	nginx: master p

Requests per second: 713.53 [# /sec] (mean)

2. Grafik



3. Analisis

Nomor 9

3 Worker

```
Benchmarking riegel.canyon.d14.com (be patient).....done

Server Software:      nginx/1.14.2
Server Hostname:      riegel.canyon.d14.com
Server Port:          80

Document Path:        /
Document Length:      636 bytes

Concurrency Level:     10
Time taken for tests:  0.053 seconds
Complete requests:     100
Failed requests:       33
    (Connect: 0, Receive: 0, Length: 33, Exceptions: 0)
Total transferred:    77267 bytes
HTML transferred:     63567 bytes
Requests per second:   1874.48 [#/sec] (mean)
Time per request:      5.335 [ms] (mean)
Time per request:      0.533 [ms] (mean, across all concurrent requests)
Transfer rate:         1414.41 [Kbytes/sec] received

Connection Times (ms)
              min    mean[+/-sd] median    max
Connect:        0     1   0.3      1      1
Processing:      1     4   0.6      4      5
Waiting:         1     4   0.6      4      5
Total:           1     5   0.7      5      6

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

2 Worker

Benchmarking riegel.canyon.d14.com (be patient).....done

Server Software: nginx/1.14.2
Server Hostname: riegel.canyon.d14.com
Server Port: 80

Document Path: /
Document Length: 636 bytes

Concurrency Level: 10
Time taken for tests: 0.054 seconds
Complete requests: 100
Failed requests: 0
Total transferred: 77300 bytes
HTML transferred: 63600 bytes
Requests per second: 1851.54 [#/sec] (mean)
Time per request: 5.401 [ms] (mean)
Time per request: 0.540 [ms] (mean, across all concurrent requests)
Transfer rate: 1397.70 [Kbytes/sec] received

Connection Times (ms)

	min	mean[+/-sd]	median	max
Connect:	0	1 0.6	1	4
Processing:	1	4 1.1	4	7
Waiting:	1	4 1.1	4	7
Total:	1	5 1.3	5	8

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

50%	5
66%	5
75%	6
80%	6
90%	7
95%	7
98%	8
99%	8
100%	8 (longest request)

1 Worker

Benchmarking riegel.canyon.d14.com (be patient).....done

Server Software: nginx/1.14.2
Server Hostname: riegel.canyon.d14.com
Server Port: 80

Document Path: /
Document Length: 636 bytes

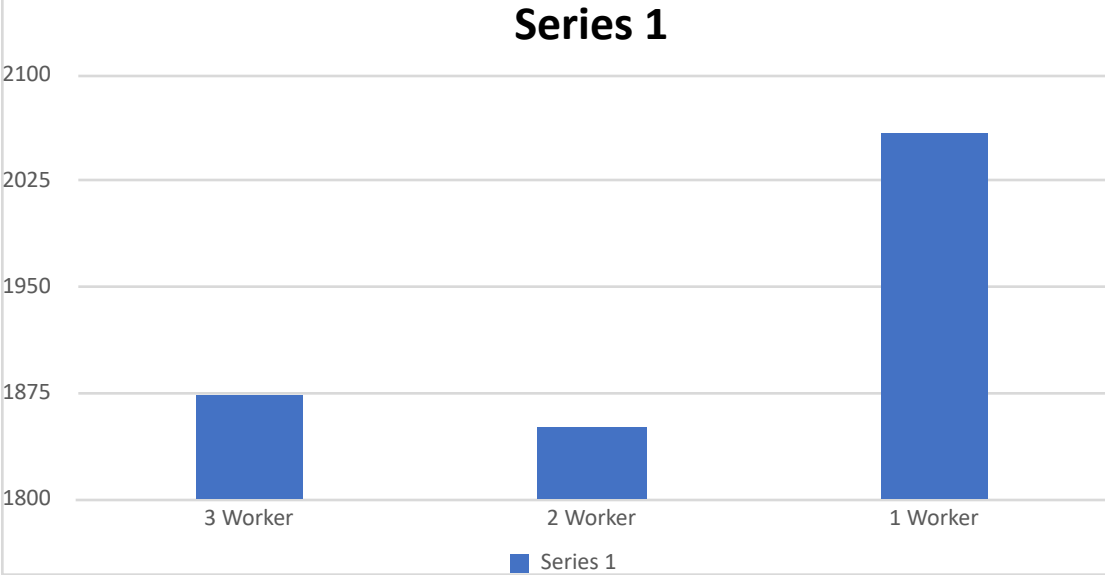
Concurrency Level: 10
Time taken for tests: 0.049 seconds
Complete requests: 100
Failed requests: 0
Total transferred: 77300 bytes
HTML transferred: 63600 bytes
Requests per second: 2058.55 [#/sec] (mean)
Time per request: 4.858 [ms] (mean)
Time per request: 0.486 [ms] (mean, across all concurrent requests)
Transfer rate: 1553.96 [Kbytes/sec] received

Connection Times (ms)

	min	mean[+/-sd]	median	max
Connect:	0	1 0.7	1	3
Processing:	2	3 1.0	3	6
Waiting:	2	3 0.9	3	5
Total:	2	5 1.2	4	7

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

50%	4
66%	5
75%	6
80%	6
90%	6
95%	6
98%	7
99%	7
100%	7 (longest request)



Nomor 15

```
ab: Could not open POST data file (login.json): No such file or directory
login.json -T application/json http://192.198.4.2:8002/api/auth/login0 -c 1
ab: Could not open POST data file (login.json): No such file or directory
register.json -T application/json http://192.198.4.2:8002/api/auth/register
This is ApacheBench, Version 2.3 <$Revision: 1843412 $>
Copyright 1996 Adam Twiss, Zeus Technology Ltd, http://www.zeustech.net/
Licensed to The Apache Software Foundation, http://www.apache.org/

Benchmarking 192.198.4.2 (be patient).....done


Server Software:      nginx/1.14.2
Server Hostname:      192.198.4.2
Server Port:          8002

Document Path:        /api/auth/register
Document Length:      60 bytes

Concurrency Level:    10
Time taken for tests:  0.477 seconds
Complete requests:    100
Failed requests:      36
  (Connect: 0, Receive: 0, Length: 36, Exceptions: 0)
Non-2xx responses:    100
Total transferred:    273258 bytes
Total body sent:      20800
HTML transferred:     242124 bytes
Requests per second:  209.83 [#/sec] (mean)
Time per request:     47.657 [ms] (mean)
Time per request:     4.766 [ms] (mean, across all concurrent requests)
Transfer rate:        559.94 [Kbytes/sec] received
                     42.62 kb/s sent
                     602.57 kb/s total


Connection Times (ms)
              min  mean[+/-sd] median  max
Connect:        0    0  0.1      0    0
Processing:    14   33 17.0     34   156
Waiting:       14   33 17.0     34   155
Total:         14   33 17.0     34   156


Percentage of the requests served within a certain time (ms)
 50%    34
 66%    38
 75%    40
 80%    41
 90%    47
 95%    53
 98%    61
 99%   156
100%   156 (longest request)
root@Flamme(LaravelWorker):/var/www/laravel-praktikum-jarkom#
```


Nomor 16

```

172.16.84.128/static/web-ui/server/1/project/
time per request: 47.657 [ms] (mean)
Time per request: 4.766 [ms] (mean, across all concurrent requests)
Transfer rate: 559.94 [Kbytes/sec] received
42.62 kb/s sent
602.57 kb/s total

Connection Times (ms)
      min  mean[+/-sd] median  max
Connect:    0     0  0.1      0      0
Processing: 14    33 17.0     34    156
Waiting:    14    33 17.0     34    155
Total:      14    33 17.0     34    156

Percentage of the requests served within a certain time (ms)
 50%    34
 66%    38
 75%    40
 80%    41
 90%    47
 95%    53
 98%    61
 99%   156
100%   156 (longest request)
root@Flamme(LaravelWorker):/var/www/laravel-praktikum-jarkom# nano login.json
root@Flamme(LaravelWorker):/var/www/laravel-praktikum-jarkom# nano login.json
login.json -T application/json http://192.198.4.2:8002/api/auth/login0 -c 10
This is ApacheBench, Version 2.3 <$Revision: 1843412 $>
Copyright 1996 Adam Twiss, Zeus Technology Ltd, http://www.zeustech.net/
Licensed to The Apache Software Foundation, http://www.apache.org/

Benchmarking 192.198.4.2 (be patient).....done

Server Software:      nginx/1.14.2
Server Hostname:      192.198.4.2
Server Port:          8002

Document Path:        /api/auth/login
Document Length:       60 bytes

Concurrency Level:    10
Time taken for tests:  0.272 seconds
Complete requests:    100
Failed requests:       34
   (Connect: 0, Receive: 0, Length: 34, Exceptions: 0)
Non-2xx responses:    100
Total transferred:    260031 bytes
Total body sent:      20400
HTML transferred:     229006 bytes
Requests per second:  367.94 [#/sec] (mean)
Time per request:     27.178 [ms] (mean)
Time per request:     2.718 [ms] (mean, across all concurrent requests)
Transfer rate:        934.33 [Kbytes/sec] received
73.30 kb/s sent
1007.63 kb/s total

Connection Times (ms)
      min  mean[+/-sd] median  max
Connect:    0     1  2.4      0     9
Processing: 12    19  6.5     19    76
Waiting:     5    19  6.5     18    74
Total:      13    20  7.2     19    77

Percentage of the requests served within a certain time (ms)
 50%    19
 66%    20
 75%    20
 80%    21
 90%    24
 95%    30
 98%    40
 99%    77
100%    77 (longest request)
root@Flamme(LaravelWorker):/var/www/laravel-praktikum-jarkom#

```

```
"Authorization: Bearer $token" http://192.198.4.2:8002/api/meab -n 100 -c 10 -H
This is ApacheBench, Version 2.3 <$Revision: 1843412 $>
Copyright 1996 Adam Twiss, Zeus Technology Ltd, http://www.zeustech.net/
Licensed to The Apache Software Foundation, http://www.apache.org/
```

```
Benchmarking 192.198.4.2 (be patient).....done
```

```
Server Software:      nginx/1.14.2
Server Hostname:      192.198.4.2
Server Port:          8002
```

```
Document Path:        /api/me
Document Length:       29 bytes
```

```
Concurrency Level:     10
Time taken for tests:   0.281 seconds
Complete requests:     100
Failed requests:        35
```

```
(Connect: 0, Receive: 0, Length: 35, Exceptions: 0)
```

```
Non-2xx responses:     100
Total transferred:      264626 bytes
HTML transferred:       233550 bytes
Requests per second:    355.57 [#/sec] (mean)
Time per request:        28.124 [ms] (mean)
Time per request:        2.812 [ms] (mean, across all concurrent requests)
Transfer rate:           918.88 [Kbytes/sec] received
```

Connection Times (ms)

	min	mean[+/-sd]	median	max
Connect:	0	0 0.2	0	1
Processing:	11	18 8.5	17	99
Waiting:	11	18 8.5	17	98
Total:	11	18 8.6	17	99

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

50%	17
66%	18
75%	19
80%	20
90%	22
95%	24
98%	28
99%	99
100%	99 (longest request)

```
root@Flamme(LaravelWorker):/var/www/laravel-praktikum-jarkom#
```