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)
                       1.528 [ms] (mean, across all concurrent requests)
Time per request:
Transfer rate:
                       493.69 [Kbytes/sec] received
Connection Times (ms)
             min mean[+/-sd] median
                                        max
              0
                   7 3.8
                                        20
Connect:
                                6
                       72.8
                                       1031
Processing:
               2
                    35
                                 22
                       71.9
Waiting:
               1
                   34
                                 22
                                       1031
Total:
               2
                    42
                       72.9
                                 30
                                       1048
Percentage of the requests served within a certain time (ms)
         30
 50%
  66%
          33
  75%
          37
  808
         39
  90%
         45
  95%
         61
  98%
        270
  99%
         416
 100%
       1048 (longest request)
```

Lawine

```
20.9%]
                                       Tasks: 10, 0 thr; 1 running
Mem[||||||||||||||||572M/1.92G]
                                       Load average: 0.39 0.24 0.22
                         268K/2.00G
                                       Uptime: 06:02:47
Swp
 7920 www-data
                          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
                          2428
                                   4
                                         0 S
                                               0.0
                                                   0.0
                                                         0:00.00 /gns3/bin/busyb
                       0
 7497 root
                 20
                          3704
                                               0.0
                                                         0:00.01 nano default
                       0
                                3032
                                      2204 T
                                                    0.2
                 20
                                                         0:00.16 php-fpm: master
 7918 root
                       0
                               6688
                                      3308 $
                                               0.0
                                                   0.3
                                                         0:00.08 php-fpm: pool w
 7919 www-data
                 20
                       0
                         189M 10016
                                      6448 S
                                               0.0
                                                   0.5
 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

```
34.2%]
Mem[||||||||||||||572M/1.92G]
                                        Load average: 0.51 0.28 0.24
                         268K/2.00G]
                                        Uptime: 06:03:20
Swp
 7102 www-data
                                9752
                                       6180 s
                                               0.8
                                                     0.5
                                                          0:00.10 php-fpm: pool w
                  20
                       0
 7103 www-data
                                                          0:00.10 php-fpm: pool w
                 20
                       0
                          189M 10536
                                       6872 s
                                               0.0
                                                     0.5
 7295 root
                                                          0:00.01 htop
                          4788
                                3092
                                       2668
                 20
                       0
                                               0.0
                                                     0.2
                                       2792 s
                          3996
   1 root
                                3288
                                                          0:00.01 bash
                 20
                       0
                                               0.0
                                                     0.2
                                          0 S
                                                          0:00.00 /gns3/bin/busyb
   44 root
                          2428
                 20
                       0
                                    4
                                               0.0
                                                     0.0
   50 root
                                                          0:00.00 /gns3/bin/busyb
                 20
                       0
                          2428
                                          0 s
                                               0.0
                                                     0.0
                                    4
                                                          0:00.15 php-fpm: master
 7101 root
                 20
                       0
                                6680
                                       3300 s
                                               0.0
                                                     0.3
 7276 root
                       0 61592
                                                          0:00.00 nginx: master p
                                 1752
                                         72 s
                 20
                                               0.0
                                                     0.1
```

Lugner

```
CPU[||||||||||
                          34.2%] Tasks: 9, 0 thr; 1 running
Swp[
                      268K/2.00G]
                                  Uptime: 06:03:50
                                        0.9 0.4
                                                 0:00.11 php-fpm: pool w
 7105 www-data
               20
                    0
                      189M 8348
                                 4860 ន
7106 www-data
                                 7176 S 0.0 0.5 0:00.11 php-fpm: pool w
               20
                      189M 10840
                  0
 7216 root
                      4788
                           3152
                                 2724 R
                                                  0:00.01 htop
               20
                   0
                                         0.0 0.2
                           3368
                                 2872 s
  1 root
               20
                      3996
                                         0.0 0.2
                                                  0:00.02 bash
                    0
  59 root
               20
                    0
                      2428
                             4
                                    0 s
                                         0.0
                                             0.0
                                                  0:00.00 /gns3/bin/busyb
                                                  0:00.00 /gns3/bin/busyb
  65 root
               20
                    0
                      2428
                              4
                                    0 S
                                         0.0 0.0
                                   32 S 0.0 0.3 0:00.14 php-fpm: master 52 S 0.0 0.1 0:00.00 nginx: master p
 7104 root
               20
                    0
                            6812
                                 3432 S
 7197 root
               20
                    0 61592
                            1736
```

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:
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)
                        140.727 [ms] (mean)
Time per request:
                        1.407 [ms] (mean, across all concurrent requests)
Time per request:
Transfer rate:
                       536.19 [Kbytes/sec] received
Connection Times (ms)
              min mean[+/-sd] median
                                        max
Connect:
                                         15
               0
                   7 2.8
                                7
Processing:
               2
                    41 86.0
                                 24
                                       1003
Waiting:
               1
                        84.5
                                 24
                                       1003
                    40
Total:
                2
                    49
                        85.9
                                 31
                                       1014
Percentage of the requests served within a certain time (ms)
  50%
          31
  66%
          34
 75%
         38
          41
 808
  90%
          44
  95%
          82
  98%
         293
  99%
         522
 100%
        1014 (longest request)
 oot@Revolte(Client)D:/#
```

```
CPU[|||||||||||
                                    Tasks: 10, 0 thr; 1 running
                           33.3%]
                                    Load average: 0.41 0.30 0.25
Mem[|||||||||||||||572M/1.92G]
                       268K/2.00G
                                    Uptime: 06:06:46
Swp
 7920 www-data
                20
                             10612
                                    6944 S
                                           0.8
                                                0.5
                                                     0:00.16 php-fpm: pool w
                        189M
8062 root
                20
                             3112
                                   2688 R
                                           0.0 0.2
                                                     0:00.06 htop
                     0
                        4788
 7919 www-data
                20
                       189M 10016
                                   6448 S 0.0 0.5
                                                     0:00.15 php-fpm: pool w
                     0
                20
                       188M 6688
                                   3308 s 0.0 0.3
                                                     0:00.17 php-fpm: master
 7918 root
                     0
                                   2708 S 0.0 0.2
   1 root
                20
                     0
                       4000
                             3216
                                                     0:00.05 bash
  65 root
                20
                     0
                        2428
                                4
                                      0.0 0.0
                                                     0:00.00 /gns3/bin/busyb
                20
                     0
                       2428
                                4
                                      0 s 0.0 0.0
                                                    0:00.00 /gns3/bin/busyb
  71 root
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

```
28.9%]
Mem[|||||||||||||||572M/1.92G]
                                     Load average: 0.53 0.32 0.25
                       268K/2.00G
                                     Uptime: 06:06:32
                                               MEM%
 7102 www-data
                20
                        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
                       3996
                              3288
                                    2792 s
                                           0.0
                                                     0:00.01 bash
                     0
                                                0.2
                20
                       2428
                                                     0:00.00 /gns3/bin/busyb
  44 root
                     0
                                4
                                       0 S
                                           0.0
                                                0.0
  50 root
                                                     0:00.00 /gns3/bin/busyb
                20
                       2428
                     0
                                 4
                                       0 s
                                           0.0
                                                0.0
 7276 root
                20
                     0 61592
                                           0.0 0.1 0:00.00 nginx: master p
                              1752
                                      72 s
```

Lugner

```
33.6%]
Mem[|||||||||||||||572M/1.92G]
                                     Load average: 0.24 0.25 0.23
                       268K/2.00G]
                                     Uptime: 06:06:14
                                      HR S CPU% MEM%
 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
                                                0.4 0:00.13 php-fpm: pool w
                20
                     0
                              8348
                                    4860 s 0.0
                                                0.3 0:00.15 php-fpm: master
 7104 root
                20
                     0
                              6812
                                    3432 S 0.0
                        3996
                                    2872 S 0.0
                                                0.2 0:00.02 bash
   1 root
                20
                     0
                              3368
                                       0 s 0.0
                                                 0.0
                20
                     0
                        2428
                                 4
                                                     0:00.00 /qns3/bin/busyb
  59 root
                       2428
                                 4
  65 root
                20
                     0
                                       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: 710.60 [#/sec] (mean)

```
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
                        nginx/1.14.2
Server Software:
Server Hostname:
                        riegel.canyon.d14.com
Server Port:
                        80
Document Path:
                        636 bytes
Document Length:
Concurrency Level:
                        100
Time taken for tests: 1.547 seconds
Complete requests:
                        1000
Failed requests:
Total transferred:
                        773000 bytes
HTML transferred:
                        636000 bytes
                        646.22 [#/sec] (mean)
Requests per second:
                        154.745 [ms] (mean)
Time per request:
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:
                    53 131.5
                                       1031
                1
                                 25
                1
                    62 133.1
                                       1044
Total:
                                 34
Percentage of the requests served within a certain time (ms)
  66%
          37
 75%
          40
 80%
          43
  90%
          52
  95%
         277
         288
  98%
  99%
        1013
 100%
        1044 (longest request)
```

Lawine

```
29.5%
                                      Tasks: 10, 0 thr; 1 running
Mem[|||||||||||||||572M/1.92G]
                                      Load average: 0.56 0.34 0.27
                        268K/2.00G]
Swp
                                      Uptime: 06:08:28
                                                       0:00.20 php-fpm: pool w
 7920 www-data
                         189M 10612
                 20
                                     6944 S
                                             1.6
                                                  0.5
 7919 www-data
                         189M 10016
                                     6448 S
                 20
                      0
                                             1.6
                                                  0.5
                                                       0:00.19 php-fpm: pool w
 8062 root
                 20
                      0
                         4788
                              3112
                                     2688 R
                                                  0.2
                                                       0:00.08 htop
                                             0.0
 7918 root
                 20
                      0
                              6688
                                     3308 s
                                             0.0
                                                  0.3
                                                       0:00.18 php-fpm: master
                               3216
   1 root
                 20
                      0
                         4000
                                     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
                 20
                      0
                         2428
                                  4
                                             0.0
                                                  0.0
                                                       0:00.00 /qns3/bin/busyb
   71 root
                                        0 S
 7497 root
                 20
                        3704
                                                       0:00.01 nano default
                      0
                               3032
                                     2204 T
                                             0.0
                                                  0.2
                 20
                      0 61592
                               1740
                                             0.0 0.1 0:00.00 nginx: master p
 8043 root
                                       60 s
```

Linie

```
27.0%]
                                     Tasks: 9, 0 thr; 1 running
Mem[|||||||||||||||572M/1.92G]
                                     Load average: 0.22 0.28 0.25
                        268K/2.00G
                                     Uptime: 06:09:26
Swp[
 7101 root
                 20
                              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
                                    6872 S
                                                      0:00.16 php-fpm: pool w
 7103 www-data
                     0 189M 10536
                20
                                            0.0
                                                0.5
                                                      0:00.16 php-fpm: pool w
 7102 www-data
                     0 189M 9752
                                    6180 s
                20
                                            0.0
                                                0.5
                              3288
                                                      0:00.01 bash
   1 root
                20
                     0 3996
                                    2792 S
                                            0.0
                                                 0.2
   44 root
                20
                     0 2428
                                 4
                                       0 s
                                            0.0
                                                 0.0
                                                      0:00.00 /qns3/bin/busyb
   50 root
                20
                     0 2428
                                       0 s
                                            0.0
                                                 0.0
                                                      0:00.00 /gns3/bin/busyb
                                 4
 7276 root
                20
                     0 61592
                              1752
                                      72 s 0.0
                                                 0.1
                                                     0:00.00 nginx: master p
```

Lugner

```
14.3%]
CPU[|||
Mem[|||||||||||||575M/1.92G]
                                     Load average: 0.22 0.27 0.25
                        268K/2.00G]
                                     Uptime: 06:10:13
                 20
 7104 root
                               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
                                                      0:00.16 php-fpm: pool w
 7106 www-data
                 20
                     0 189M 10840
                                    7176 s
                                            0.0 0.5
                        3996 3368
                                    2872 S
                                            0.0 0.2
                                                      0:00.02 bash
   1 root
                 20
                      0
                      0 2428
                                            0.0 0.0
                                                      0:00.00 /qns3/bin/busyb
   59 root
                20
                                 4
                                       0 S
                                                      0:00.00 /gns3/bin/busyb
   65 root
                20
                      0 2428
                                 4
                                       0 S
                                            0.0 0.0
                                                      0:00.00 nginx: master p
 7197 root
                20
                      0 61592
                               1736
                                      52 s
                                            0.0
                                                 0.1
```

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
                         1.401 seconds
Time taken for tests:
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
                2
                       91.4
                                  23
                                        1034
Processing:
                    42
Waiting:
                         90.7
                                        1034
                1
                    41
                                  23
                2
                                        1044
                     49
                         91.4
Total:
                                  31
Percentage of the requests served within a certain time (ms)
          31
  66%
          33
  75<del>%</del>
          35
  80%
          38
          45
  90%
  95%
         233
  98%
         303
  99%
         305
 100%
        1044 (longest request)
```

```
26.8%]
                                   Tasks: 10, 0 thr; 1 running
Load average: 0.08 0.22 0.23
                      268K/2.00G]
                                   Uptime: 06:11:15
Swp[
 7918 root
                20
                             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
                       189M 10612
 7920 www-data
                                   6944 S
                                                   0:00.33 php-fpm: pool w
                20
                    0
                                          0.0
                                               0.5
   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
                                          0.0
                                               0.0 0:00.00 /gns3/bin/busyb
                               4
                                     0 S
                20
                    0 3704
                                   2204 Т
                                          0.0
                                               0.2 0:00.01 nano default
7497 root
                             3032
8043 root
                20
                    0 61592
                             1740
                                     60 s
                                          0.0
                                               0.1 0:00.00 nginx: master p
```

Linie

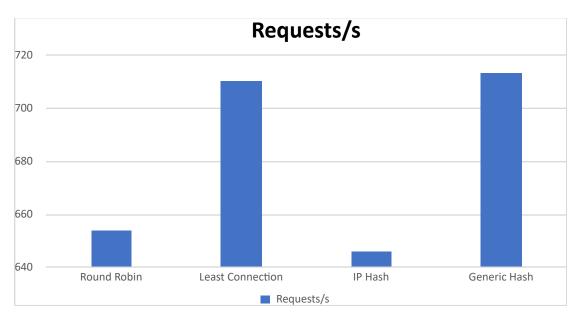
```
CPU[||||
                            16.0%]
                                     Tasks: 9, 0 thr; 1 running
Mem[|||||||||||||||576M/1.92G]
                                     Load average: 0.03 0.18 0.21
                       268K/2.00G]
                                     Uptime: 06:12:07
Swp
 7101 root
                20
                              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
                     0 189M 10536
                                                      0:00.16 php-fpm: pool w
                20
                                    6872 S
                                            0.0 0.5
 7102 www-data
                20
                     0
                              9752
                                    6180 s
                                            0.0 0.5
                                                      0:00.16 php-fpm: pool w
                20
                     0
                       3996
                              3288
                                    2792 s
                                            0.0 0.2
                                                      0:00.01 bash
   1 root
                20
                     0 2428
                                       0 s
                                            0.0 0.0 0:00.00 /gns3/bin/busyb
                                 4
  44 root
                20
                     0 2428
                                 4
                                      0 S
                                            0.0 0.0 0:00.00 /gns3/bin/busyb
  50 root
                     0 61592
 7276 root
                20
                              1752
                                      72 S
                                                 0.1 0:00.00 nginx: master p
                                            0.0
```

Lugner

```
29.5%]
Mem[|||||||||||||||576M/1.92G]
                                      Load average: 0.02 0.17 0.21
Swp
                        268K/2.00G]
                                     Uptime: 06:12:30
                                     4860 s
                                            2.5 0.4
 7105 www-data
                 20
                      0
                             8348
                                                       0:00.24 php-fpm: pool w
                                     7176 s
 7106 www-data
                20
                      0
                        189M 10840
                                            1.6 0.5
                                                       0:00.24 php-fpm: pool w
                                                      0:00.14 htop
 7216 root
                 20
                      0
                        4788
                              3152
                                     2724 R
                                            0.8 0.2
 7104 root
                20
                      0
                              6812
                                     3432 S
                                            0.0 0.3
                                                      0:00.17 php-fpm: master
                                     2872 S
                20
                      0
                        3996
                              3368
                                            0.0 0.2
                                                      0:00.02 bash
   1 root
                                       0 s
   59 root
                20
                      0
                        2428
                                 4
                                            0.0
                                                 0.0
                                                      0:00.00 /gns3/bin/busyb
                        2428
   65 root
                20
                      0
                                 4
                                       0 s
                                             0.0
                                                 0.0
                                                      0:00.00 /gns3/bin/busyb
                      0 61592
 7197 root
                 20
                               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

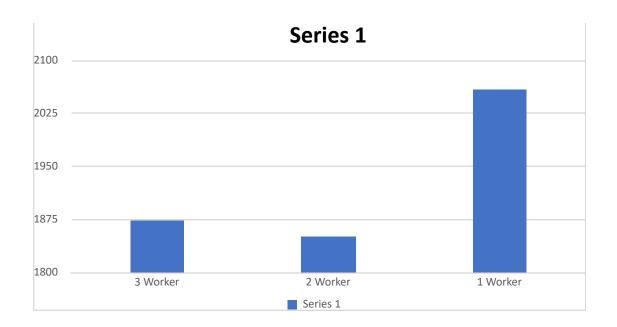
```
Benchmarking riegel.canyon.d14.com (be patient).....done
Server Software:
                        nginx/1.14.2
                        riegel.canyon.d14.com
Server Hostname:
Server Port:
                        80
Document Path:
Document Length:
                        636 bytes
Concurrency Level:
                       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
                         0.3
Connect:
                0
                     1
                                   1
                                           1
Processing:
                                           5
                1
                     4
                         0.6
                                   4
                                           5
Waiting:
                1
                     4
                         0.6
                                   4
                                           6
Total:
                1
                     5
                         0.7
                                   5
Percentage of the requests served within a certain time (ms)
           5
 50<del>%</del>
           6
 66%
 75%
           6
 80%
           6
 90%
           6
 95%
           6
           6
 98%
           6
 99%
           6 (longest request)
100%
```

2 Worker

```
Benchmarking riegel.canyon.d14.com (be patient).....done
                       nginx/1.14.2
Server Software:
                       riegel.canyon.d14.com
Server Hostname:
Server Port:
Document Path:
Document Length:
                       636 bytes
Concurrency Level:
                      10
Time taken for tests: 0.054 seconds
Complete requests:
                      100
Failed requests:
Total transferred:
                      77300 bytes
HTML transferred:
                      63600 bytes
                      1851.54 [#/sec] (mean)
Requests per second:
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
Connect:
               0
                    1
                        0.6
                                         4
                    4
                        1.1
                                         7
Processing:
               1
                                 4
Waiting:
                                         7
                        1.1
               1
                    4
                                 4
               1
                                 5
                                         8
Total:
                    5
                        1.3
Percentage of the requests served within a certain time (ms)
 50%
          5
 66%
          5
 75%
          6
 80%
          6
  90%
  95%
          7
  98%
          8
  99%
          8
          8 (longest request)
100%
```

1 Worker

```
Benchmarking riegel.canyon.d14.com (be patient).....done
Server Software:
                        nginx/1.14.2
Server Hostname:
                        riegel.canyon.d14.com
Server Port:
Document Path:
                        636 bytes
Document Length:
Concurrency Level:
                        10
                        0.049 seconds
Time taken for tests:
Complete requests:
                        100
Failed requests:
                        0
Total transferred:
                        77300 bytes
HTML transferred:
                        63600 bytes
                        2058.55 [#/sec] (mean)
Requests per second:
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
                         0.7
Connect:
                0
                    1
                                          3
                                  1
                                           6
Processing:
                2
                     3
                         1.0
                                  3
                                          5
                         0.9
                                  3
Waiting:
                2
                     3
                                           7
Fotal:
                2
                     5
                         1.2
                                  4
Percentage of the requests served within a certain time (ms)
 50%
           4
 66%
           5
 75%
           6
 808
           6
 90%
           6
 95%
          6
 98%
          7
 99%
100%
         7 (longest request)
```



```
ab: Could not open POST data file (login.json): No such file or directory login.json -T application/json http://l92.198.4.2:8002/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:
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
                               273258 bytes
Total transferred:
Total body sent:
                               20800
                               242124 bytes
209.83 [#/sec] (mean)
HTML transferred:
Requests per second:
Time per request:
                               47.657 [ms] (mean)
                               4.766 [ms] (mean, across all concurrent requests)
Time per request:
                               559.94 [Kbytes/sec] received 42.62 kb/s sent
Transfer rate:
                               602.57 kb/s total
Connection Times (ms)
                  min
                        mean[+/-sd] median
                               0.1
Connect:
                    0
                          0
                                           0
                                                     0
                         33 17.0
                                                   156
Processing:
                   14
                                          34
Waiting:
                   14
                          33
                               17.0
                                          34
                                                   155
                   14
                          33 17.0
                                          34
Total:
                                                   156
Percentage of the requests served within a certain time (ms)
            34
  50%
  66%
             38
  75%
             40
             41
  80%
  90%
             47
  95%
             53
  98%
             61
  998
           156
 100%
           156 (longest request)
root@Flamme(LaravelWorker):/var/www/laravel-praktikum-jarkom#
```

```
☐ A Not Secure 172.16.84.128/static/web-ui/server/1/
                                                                                         47.657 [ms] (mean)
4.766 [ms] (mean, across all concurrent requests)
559.94 [Kbytes/sec] received
42.62 kb/s sent
602.57 kb/s total
  Time per request:
Time per request:
Transfer rate:
  Connection Times (ms)

min mean[+/-sd] median
Connect: 0 0 0.1 0
Processing: 14 33 17.0 34
Waiting: 14 33 17.0 34
Total: 14 33 17.0 34
                                                                                                                                                  max
0
156
155
156
 Connect:
Processing:
Waiting:
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
                                                                                       nginx/1.14.2
192.198.4.2
8002
 Server Software:
Server Hostname:
Server Port:
  Document Path:
Document Length:
                                                                                         /api/auth/login
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: 27.18 [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

Connect: 0 1 2.4 0

Processing: 12 19 6.5 19

Waiting: 5 19 6.5 18

Total: 13 20 7.2 19
                                                                                                                                                  max
9
76
74
77
 Processing:
Waiting:
  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
                        233550 bytes
HTML transferred:
                        355.57 [#/sec] (mean)
Requests per second:
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
                                           1
                         0.2
                                          99
Processing:
               11
                    18
                         8.5
                                  17
Waiting:
                    18
                                  17
                                          98
               11
                         8.5
                                          99
Total:
               11
                    18
                         8.6
                                  17
Percentage of the requests served within a certain time (ms)
          17
 66%
          18
 75%
          19
          20
 80%
 90%
          22
  95%
          24
          28
  98%
  99%
          99
 100%
          99 (longest request)
```