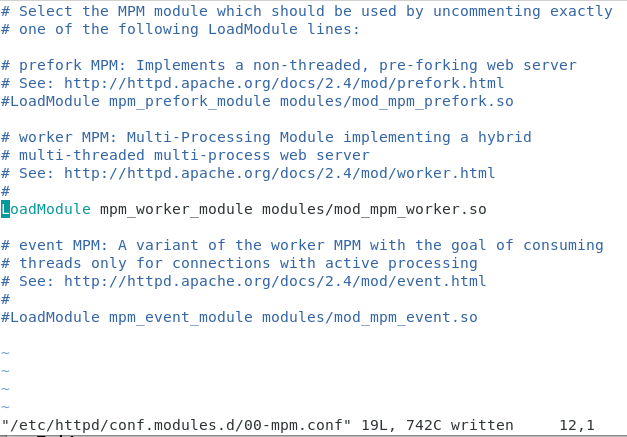
#TASK1

###1\_\_\_\_

vim /etc/httpd/conf.modules.d/00-mpm.conf



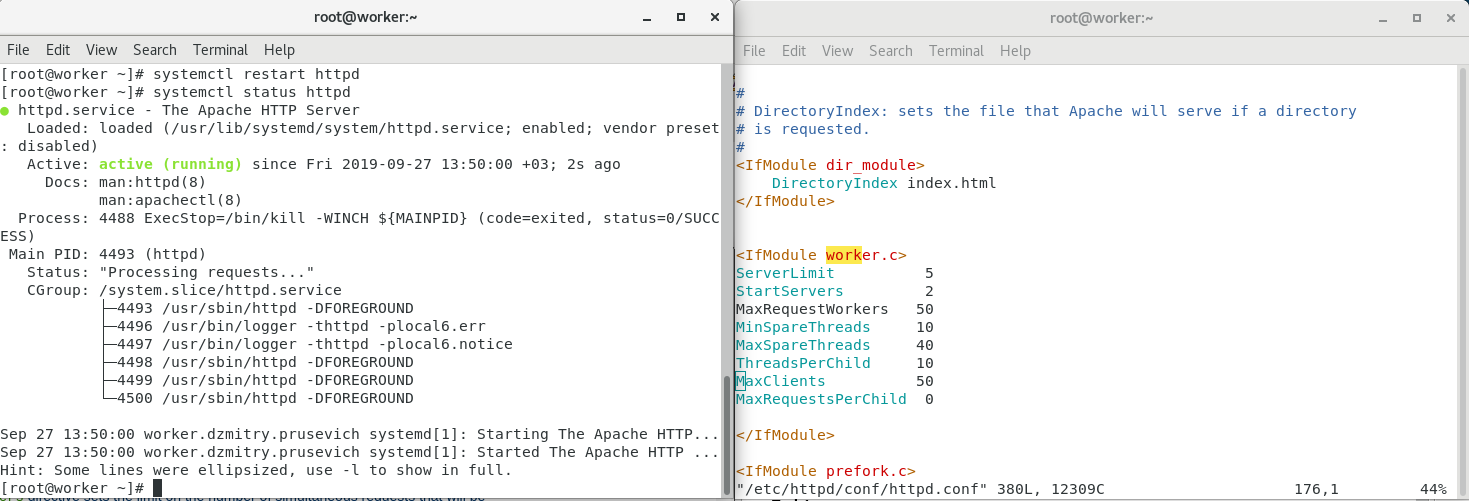
[root@worker ~]# vim /etc/httpd/modules/mod\_mpm\_worker.so

###2 \_\_\_\_\_\_

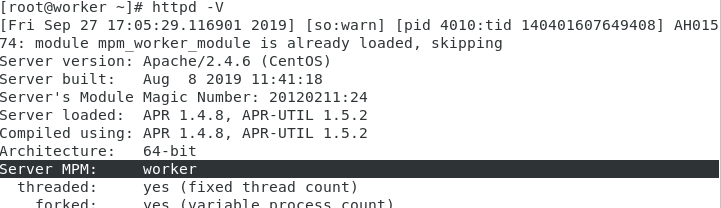
vim /etc/httpd/conf/httpd.conf

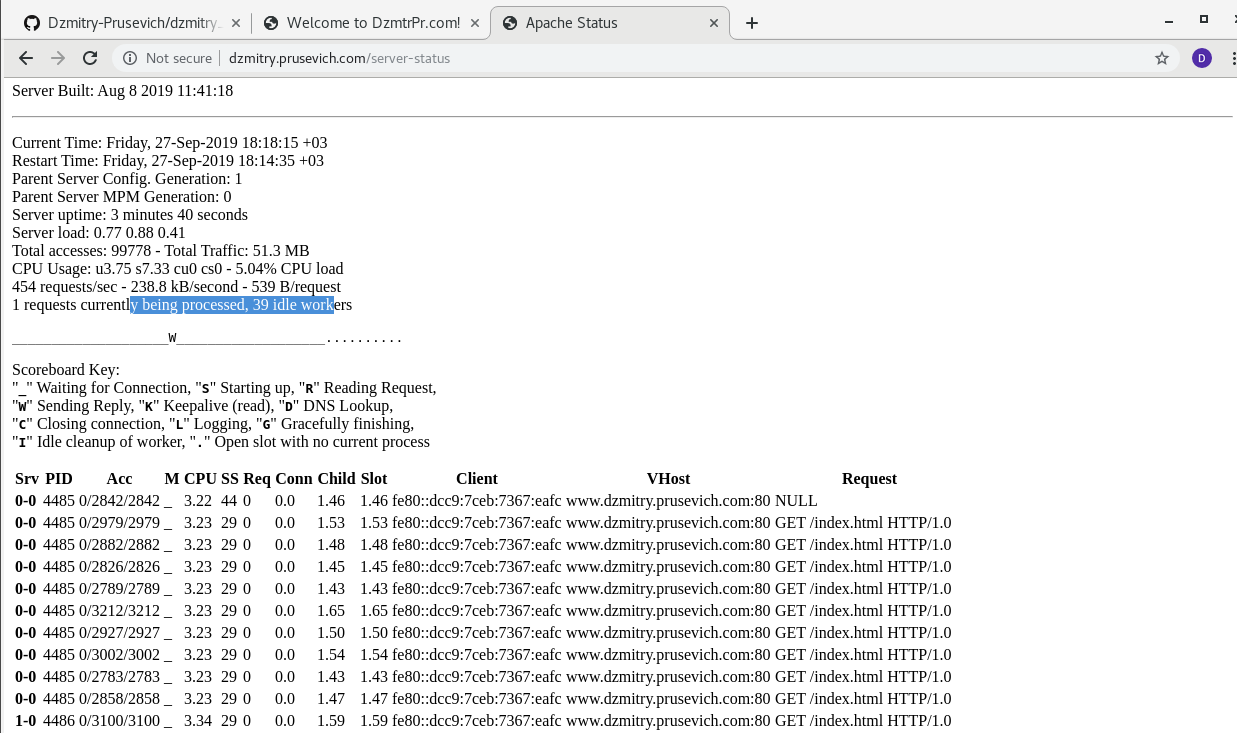
systemctl restart httpd

[root@worker ~]# systemctl status httpd



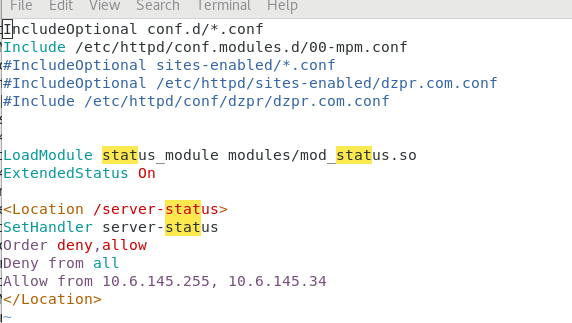
###3 Show that httpd is using worker module.

[root@worker ~]# httpd -V

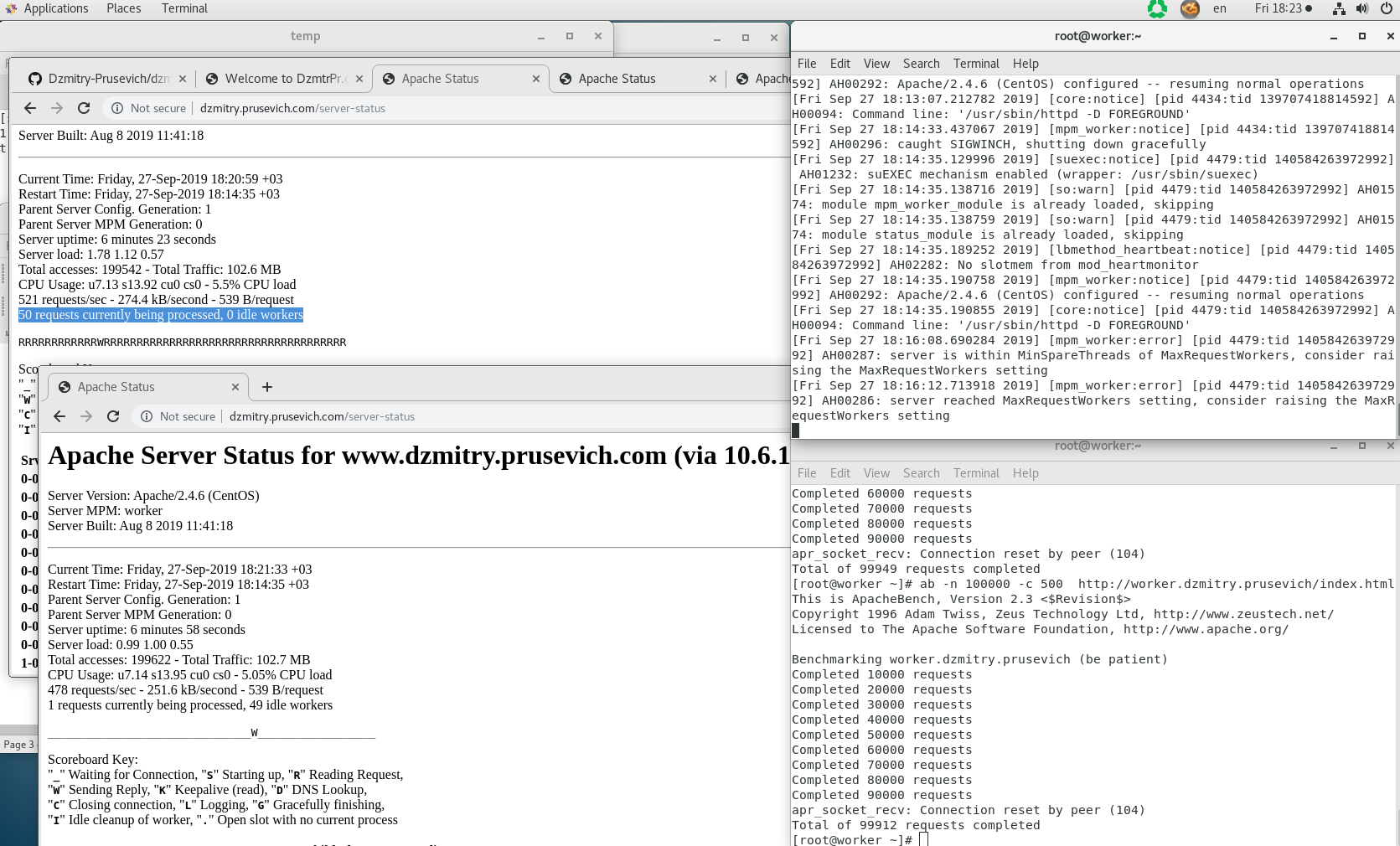


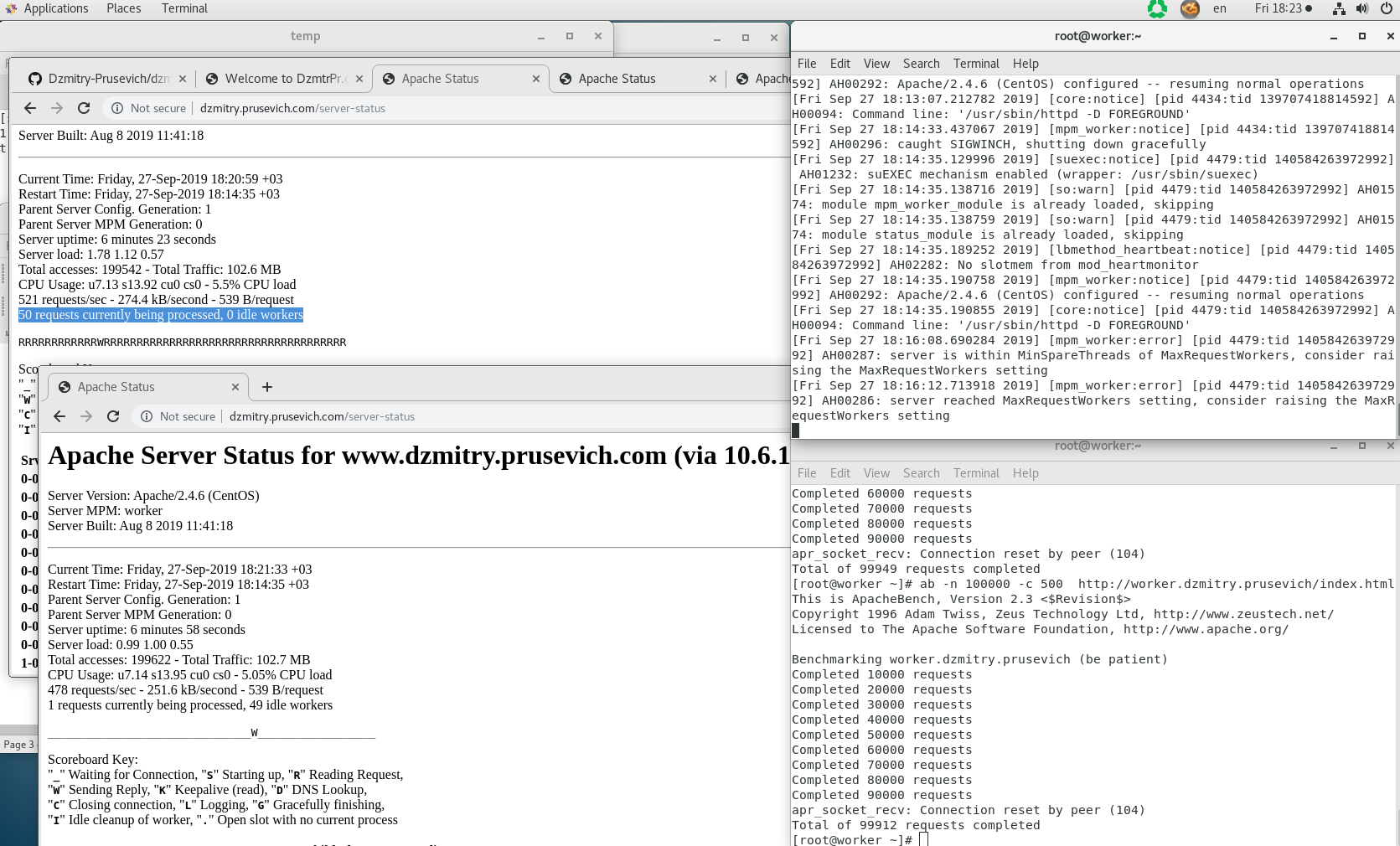
###4 task

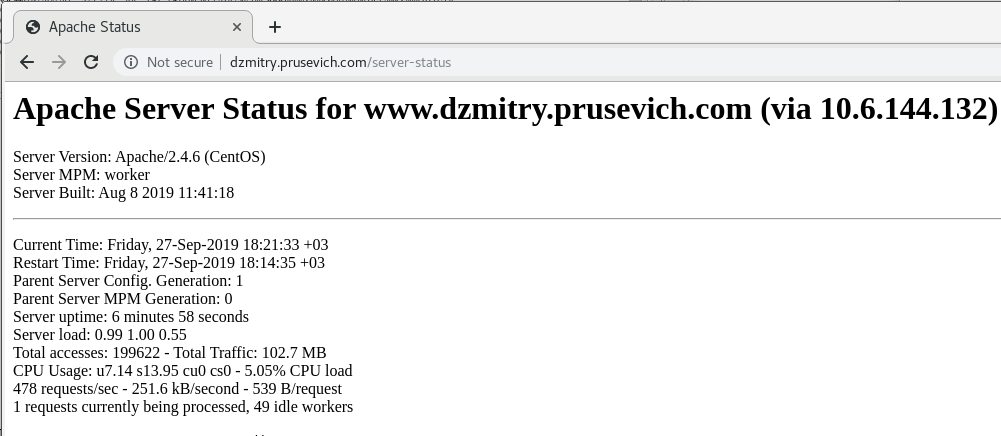
vim /etc/httpd/conf/httpd.conf

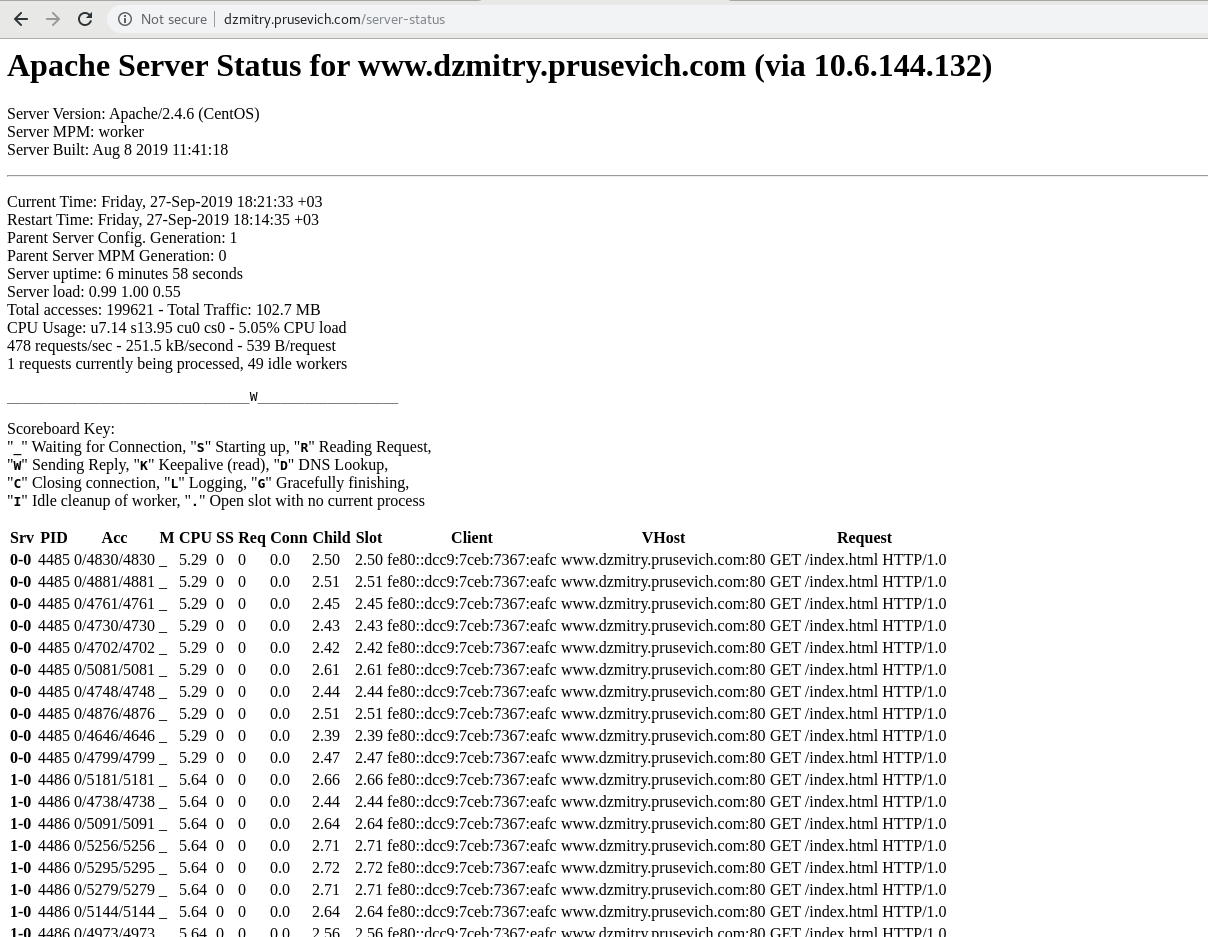


ab -n 100000 -c 500 http://worker.dzmitry.prusevich/index.html

tail -f /var/log/httpd/error\_log

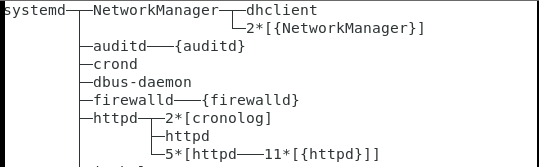


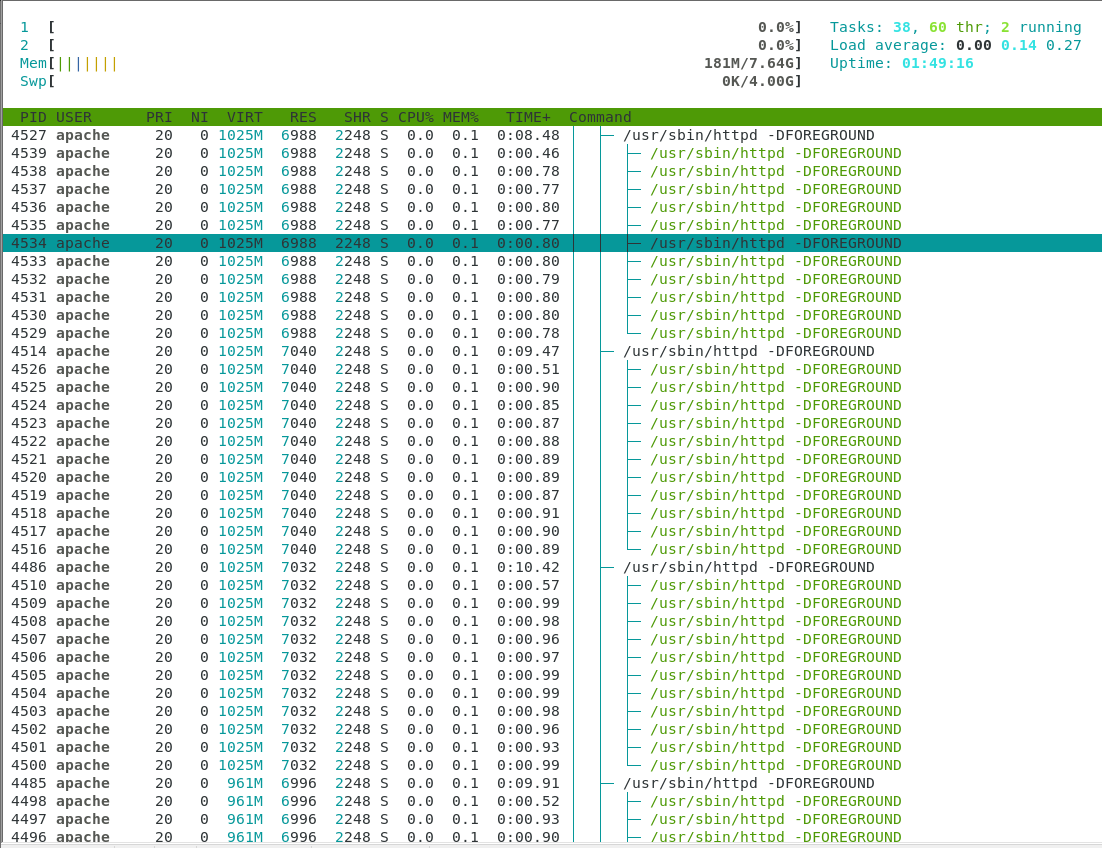




###5

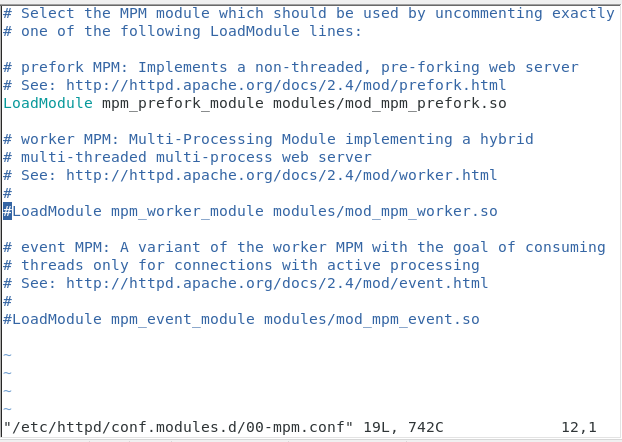
Process tree:

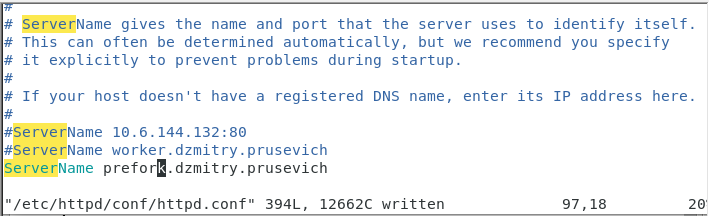


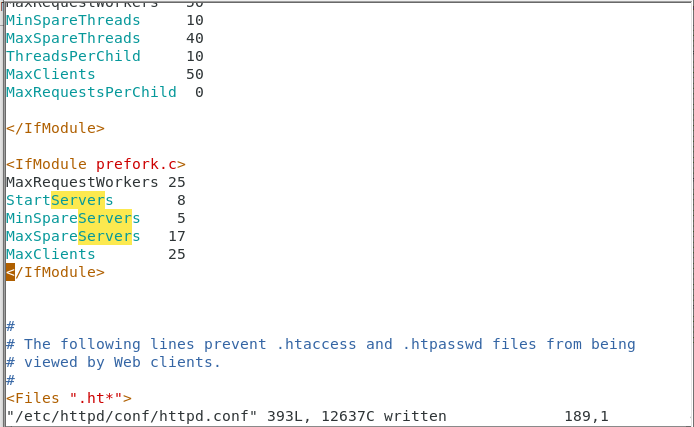


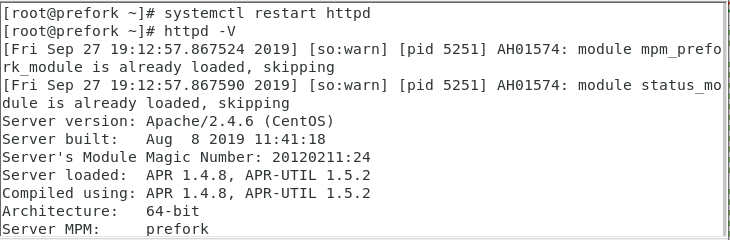
###6\_\_\_7\_\_8

Prefork:



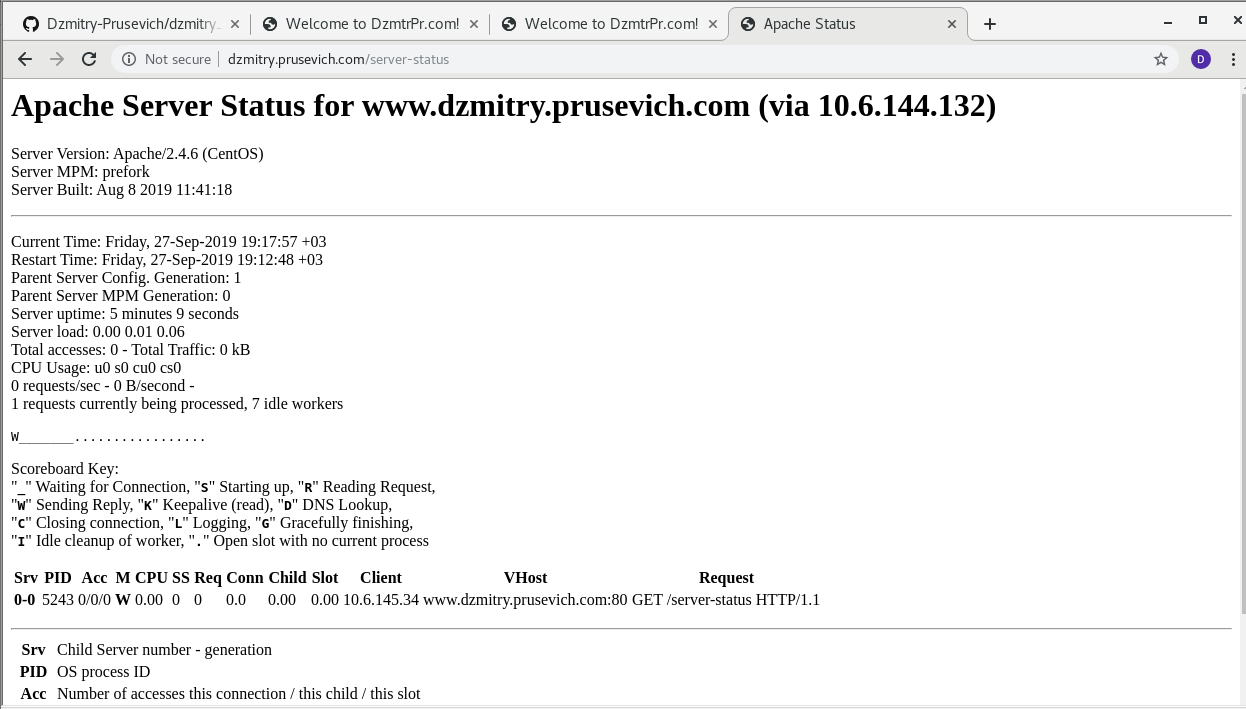






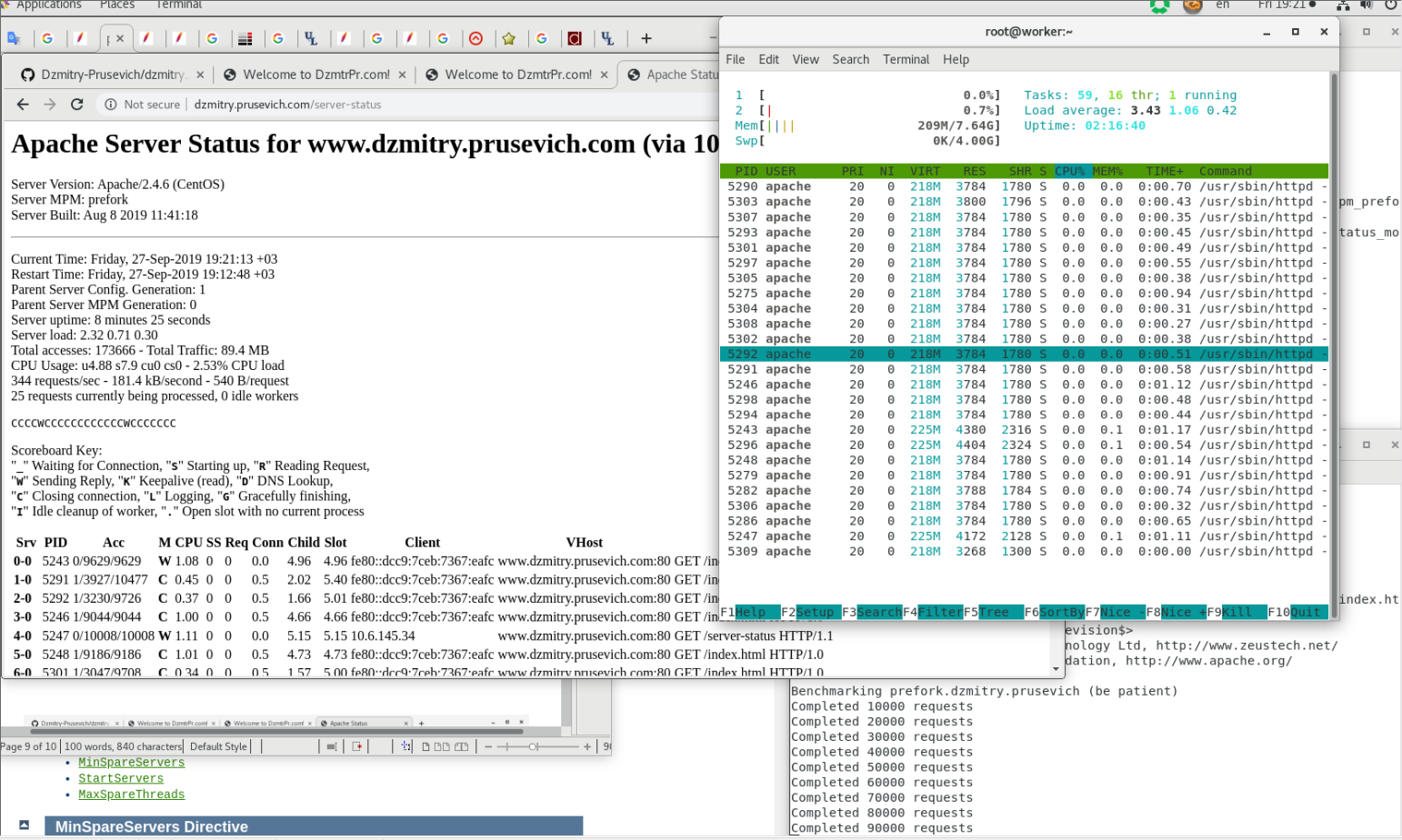
###9

Before generating ab-requests

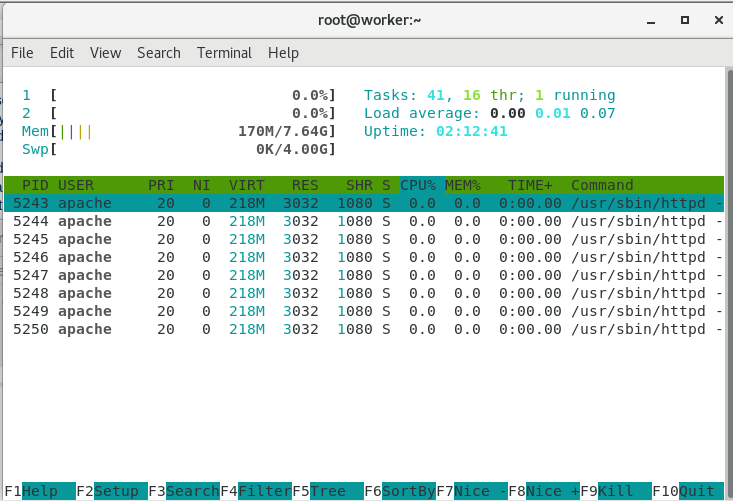


After generating 100 000 requests (up to 500 simultaneously):

Number of processes = 25 ( field - 25 requests currently being processed, 0 idle workers)



### 10



#TASK 2

###1 ----

[root@worker ~]# httpd -M | grep prox

[Fri Sep 27 19:38:29.787566 2019] [so:warn] [pid 5315] AH01574: module mpm\_prefork\_module is already loaded, skipping

[Fri Sep 27 19:38:29.787634 2019] [so:warn] [pid 5315] AH01574: module status\_module is already loaded, skipping

proxy\_module (shared)

proxy\_ajp\_module (shared)

proxy\_balancer\_module (shared)

proxy\_connect\_module (shared)

proxy\_express\_module (shared)

proxy\_fcgi\_module (shared)

proxy\_fdpass\_module (shared)

proxy\_ftp\_module (shared)

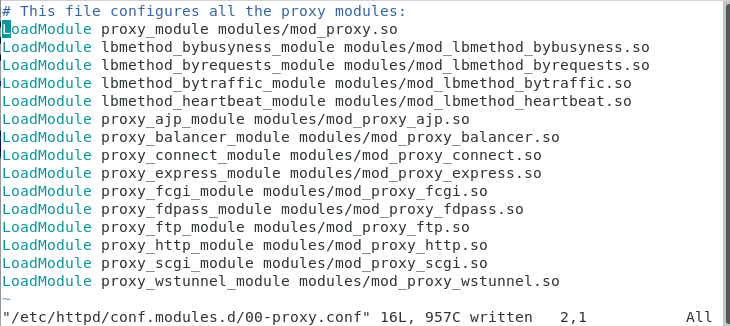
proxy\_http\_module (shared)

proxy\_scgi\_module (shared)

proxy\_wstunnel\_module (shared)

###2-----------

[root@worker ~]# vim /etc/httpd/conf.modules.d/00-proxy.conf



###3\_\_\_4\_\_\_5

vim /etc/httpd/conf.d/frd-proxy.conf

vim /etc/httpd/conf/httpd.conf

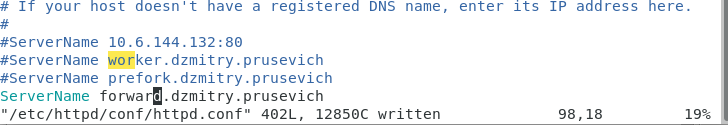
[root@forward ~]# htpasswd -c /etc/httpd/conf/.htpasswd Dzmitry\_Prusevich

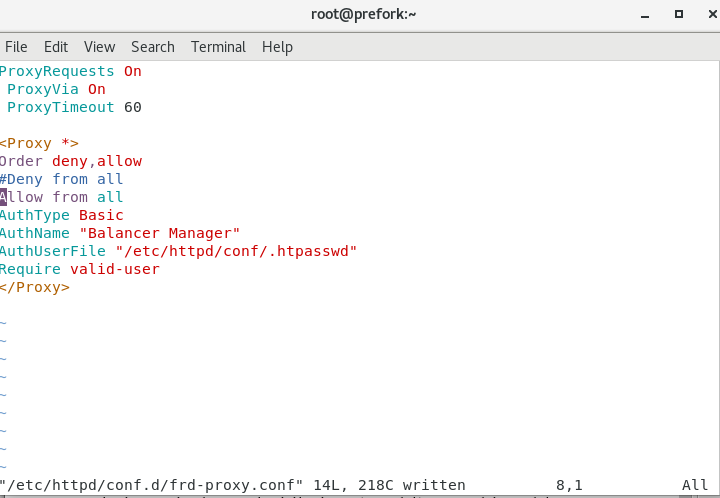
New password:

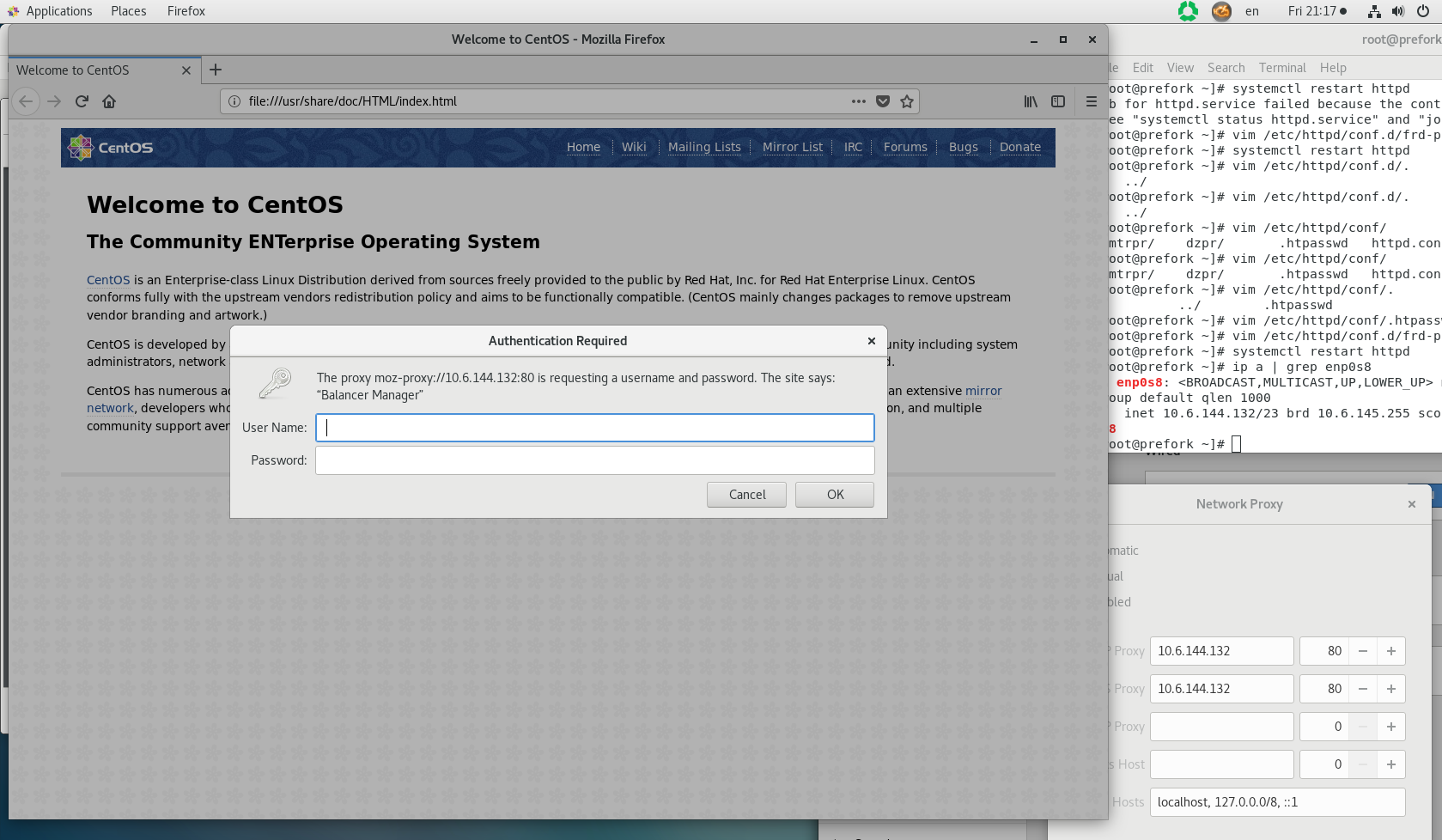
Re-type new password:

Adding password for user Dzmitry\_Prusevich

systemctl restart httpd







### 6

hostnamectl set-hostname reverse.dzmitry.prusevich

vim /etc/httpd/conf/httpd.conf

[root@reverse ~]# systemctl restart httpd

[root@reverse ~]# mv /etc/httpd/conf.d/frd-proxy.conf /etc/httpd/conf.d/frd-proxy.\_c\_onf

[root@reverse ~]# vim /etc/httpd/conf.d/rev-proxy.conf

[root@reverse ~]# systemctl restart httpd

