



Лабораториска вежба бр.4	Пренесување на видео во живо и на барање со RTMP		
Име и презиме	Индекс	Група	Датум
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## I Подготовка на работна околина

19. Прикажете слики со успешноста на ping од страна на VM и на домаќинот.

The screenshot shows a VMware Workstation window titled "181006 - VMware Workstation". Inside, there is a terminal window titled "centos@centos7:~" showing the output of a ping command to 192.168.43.1. The output shows 26 packets transmitted, 26 received, 0% packet loss, and a round trip time of 3.631/6.262/11.930/1.668 ms. A Command Prompt window is also open, showing the output of a ping command to 192.168.43.222. The output shows 4 packets sent, 4 received, 0% loss, and a round trip time of 0ms, 2ms, and 0ms.

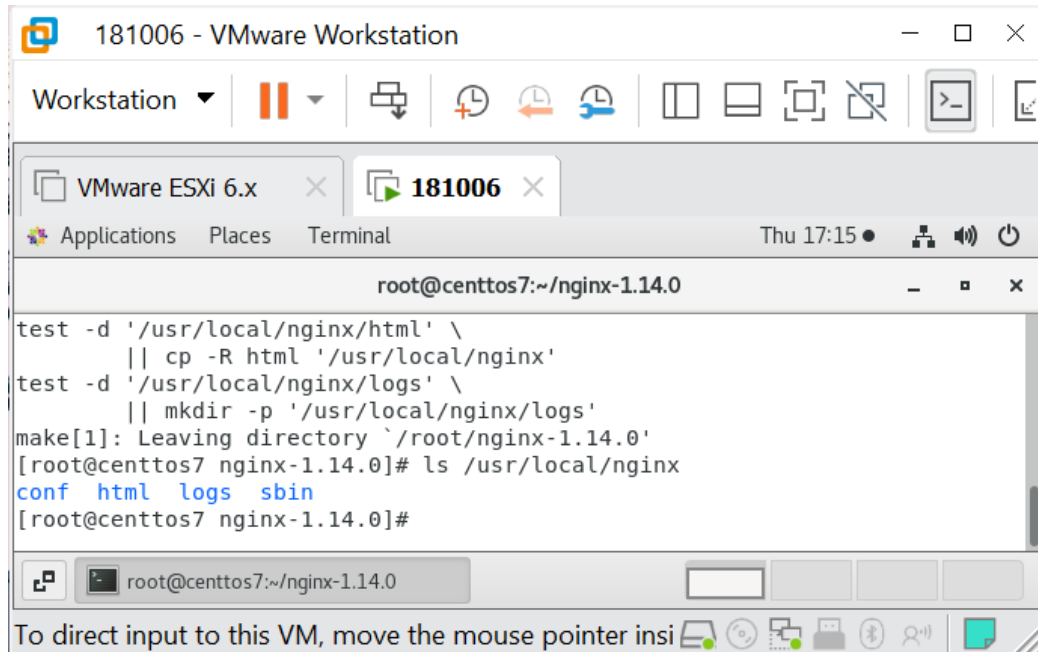
20. Прикажете го излезот на командата ffmpeg -version.

The screenshot shows a VMware Workstation window titled "181006 - VMware Workstation". Inside, there is a terminal window titled "centos@centos7:~" showing the output of the command "ffmpeg -version". The output displays the version number (N-59934-g68457c1e85-static), the build date (Debian 8.3.0-6), and a list of enabled and disabled features. The output also includes the copyright information for the FFmpeg developers.

## II Инсталација на RTMP сервер на VM

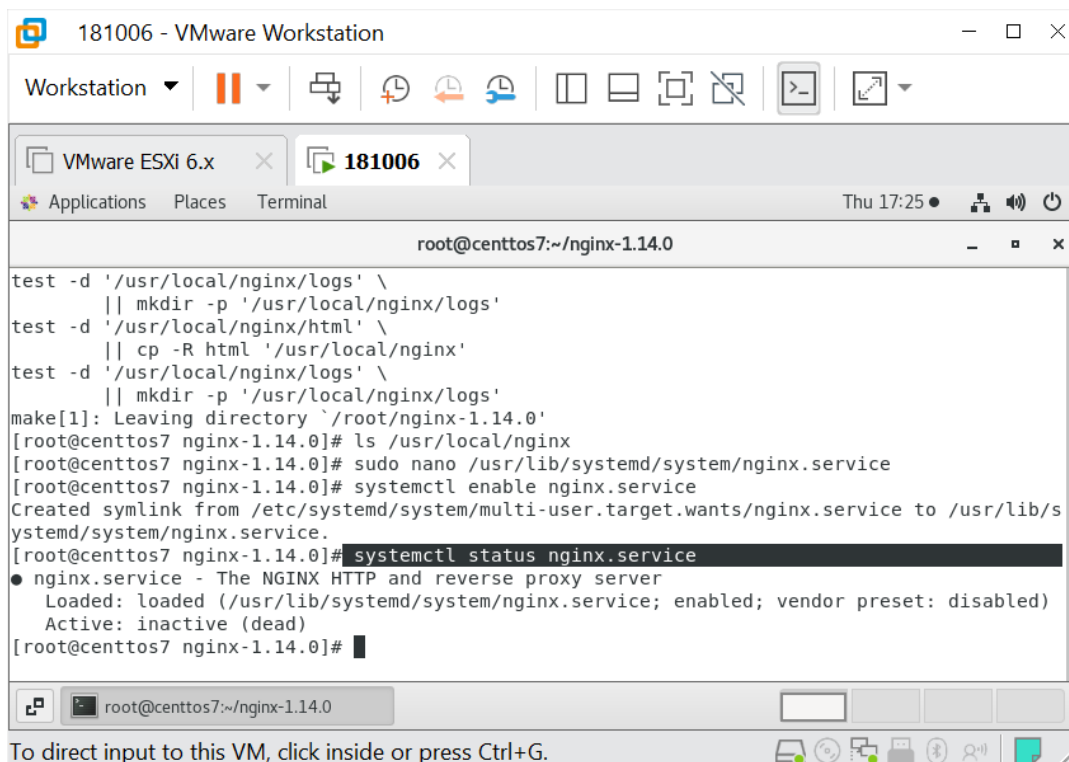
1. Доколку успешно ги извршивте горните чекори би требало да имате nginx инсталација во `/usr/local/nginx`. Излистајте го директориумот и прикажете го резултатот во продолжение користејќи ја командата.

```
[~]$ ls /usr/local/nginx
```



```
181006 - VMware Workstation
Workstation
VMware ESXi 6.x 181006
Applications Places Terminal Thu 17:15
root@centos7:~/nginx-1.14.0
test -d '/usr/local/nginx/html' \
|| cp -R html '/usr/local/nginx'
test -d '/usr/local/nginx/logs' \
|| mkdir -p '/usr/local/nginx/logs'
make[1]: Leaving directory `/root/nginx-1.14.0'
[root@centos7 nginx-1.14.0]# ls /usr/local/nginx
conf html logs sbin
[root@centos7 nginx-1.14.0]#
```

2. По успешно конфигурирање прикажете го статусот на Nginx сервисот во продолжение:



```
181006 - VMware Workstation
Workstation
VMware ESXi 6.x 181006
Applications Places Terminal Thu 17:25
root@centos7:~/nginx-1.14.0
test -d '/usr/local/nginx/logs' \
|| mkdir -p '/usr/local/nginx/logs'
test -d '/usr/local/nginx/html' \
|| cp -R html '/usr/local/nginx'
test -d '/usr/local/nginx/logs' \
|| mkdir -p '/usr/local/nginx/logs'
make[1]: Leaving directory `/root/nginx-1.14.0'
[root@centos7 nginx-1.14.0]# ls /usr/local/nginx
[root@centos7 nginx-1.14.0]# sudo nano /usr/lib/systemd/system/nginx.service
[root@centos7 nginx-1.14.0]# systemctl enable nginx.service
Created symlink from /etc/systemd/system/multi-user.target.wants/nginx.service to /usr/lib/s
ystemd/system/nginx.service.
[root@centos7 nginx-1.14.0]# systemctl status nginx.service
● nginx.service - The NGINX HTTP and reverse proxy server
   Loaded: loaded (/usr/lib/systemd/system/nginx.service; enabled; vendor preset: disabled)
   Active: inactive (dead)
[root@centos7 nginx-1.14.0]#
```



### **III Пренос на RTMP потоци во живо со Nginx**

Добив error “Failed to start The NGINX HTTP and reverse proxy server” и не успеав да средам.

### **IV Пренос на RTMP Video-on-demand потоци со Nginx**

### **V Пренос на прогресивни Video-on-demand потоци преку HTTP со Nginx**