

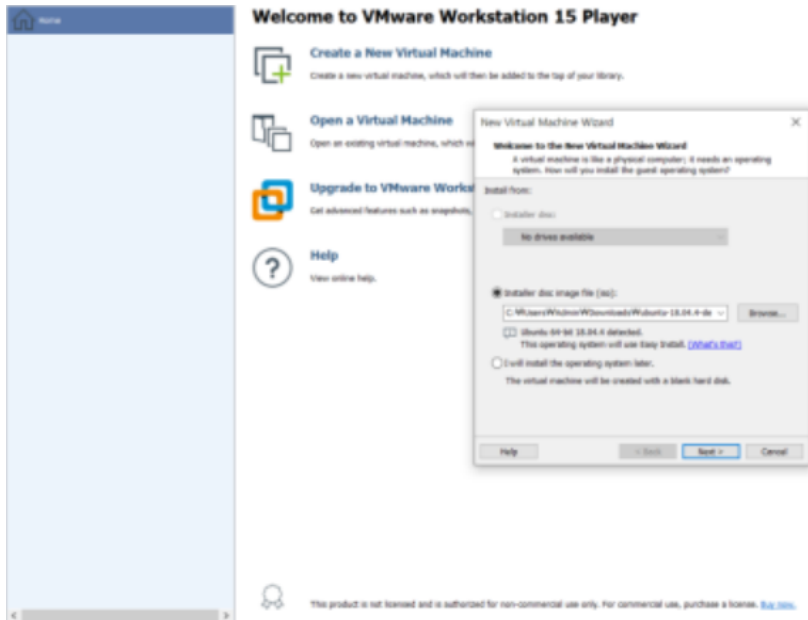
Report 1

정혜린

가상머신 설치, OS 설치 (ubuntu 18.04), 커널 컴파일 (5.7.6)

환경

Vmware Workstation Player 15.x



커널 버전 변경 전

```
hrchung@ubuntu: ~  
File Edit View Search Terminal Help  
hrchung@ubuntu:~$ cat /etc/os-release  
NAME="Ubuntu"  
VERSION="18.04.4 LTS (Bionic Beaver)"  
ID=ubuntu  
ID_LIKE=debian  
PRETTY_NAME="Ubuntu 18.04.4 LTS"  
VERSION_ID="18.04"  
HOME_URL="https://www.ubuntu.com/"  
SUPPORT_URL="https://help.ubuntu.com/"  
BUG_REPORT_URL="https://bugs.launchpad.net/ubuntu/"  
PRIVACY_POLICY_URL="https://www.ubuntu.com/legal/terms-and-policies/privacy-policy"  
VERSION_CODENAME=bionic  
UBUNTU_CODENAME=bionic  
hrchung@ubuntu:~$ uname -r  
5.3.0-28-generic  
hrchung@ubuntu:~$
```

커널 버전 컴파일 스크립트

```
hrchung@ubuntu: ~  
File Edit View Search Terminal Help  
1 cd /usr/src/  
2 ls  
3 wget https://cdn.kernel.org/pub/linux/kernel/v5.x/linux-5.7.6.tar.xz  
4 unxz -v linux-5.7.6.tar.xz  
5 ls  
6 tar -xvf linux-5.7.6.tar  
7 ls  
8 cd linux-5.7.6  
9 cp -v /boot/config-$(uname -r) .config  
10 sudo apt-get install build-essential libncurses-dev bison flex libssl-dev  
libelf-dev  
11 make menuconfig  
12 make -j $(nproc)  
13 sudo make modules_install  
14 sudo make install  
15 sudo update-initramfs -c -k 5.7.6  
16 sudo update-grub  
17 history  
18 history > 01_script  
~  
~  
~  
~  
"01_script" [readonly] 18L, 567C 1.1 All
```

```
hrchung@ubuntu:~$ uname -mrs  
Linux 5.7.6 x86_64
```

커널 버전 5.3.x → 5.7.6 으로 변경