

SOP-Ubuntu 内核降级

0、定义安装版本

```
export VERSION=4.15.0-130
```

1、安装原kernel

```
sudo apt install -y linux-image-$VERSION-generic
```

2、删除原 kernel boot 文件

```
sudo rm `find /boot -name 'vmlinuz-*' | grep -v $VERSION`  
sudo rm `find /boot -name 'initrd.img-*' | grep -v $VERSION`  
#
```

3、Update grub

```
sudo update-grub
```

4、重新安装 linux-header

```
sudo apt install -y --reinstall linux-headers-$VERSION-generic
```

5、Reboot

```
sudo reboot
```

6、卸载原内核并禁止更新内核

```
sudo apt remove -y linux-image-4.15.0-140-generic # 4.15.0-140  
sudo apt-mark hold linux-image-generic linux-headers-generic
```