

# grub-probe can't find drive for /dev/xvda1

If you are getting following while doing "apt-get upgrade" try our solution below.

**warning: grub-probe can't find drive for /dev/xvda1.**

**grub-probe: error: cannot find a GRUB drive for /dev/xvda1. Check your device.map.**

First let's create /dev/xvda block device:

Code:

```
mknod /dev/xvda b 202 0
```

Edit /boot/grub/device.map file:

Change...

Code:

```
(hd0) /dev/sda
```

To...

Code:

```
(hd0) /dev/xvda
```

Edit /usr/sbin/update-grub file:

Change...

Code:

```
find_device ()
```

```
{  
    if ! test -e ${device_map} ; then  
        echo quit | grub --batch --no-floppy --device-map=${device_map} > /dev/null  
    fi  
    grub-probe --device-map=${device_map} -t device $1 2> /dev/null  
}
```

to

Code:

```
find_device ()
```

```
{  
    if ! test -e ${device_map} ; then  
        echo quit | grub --batch --no-floppy --device-map=${device_map} > /dev/null  
    fi  
    #grub-probe --device-map=${device_map} -t device $1 2> /dev/null  
  
    echo /dev/xvda  
}
```

Run...

Code:

```
update-grub 0
```

Assuming your root disk is /dev/xvda1, run...

Code:

```
sed -i "s/xvda/xvda1/g" /boot/grub/menu.lst
```

You should be able to run your "apt-get upgrade" now.