
OUR LIFE TOGETHER > THOUGHTS > SIGN VIRTUALBOX MODULES ON UBUNTU 16.04+ WITH SECURE BOOT
ENABLED — { CODE }

This is a script that was referred to in [an answer](#) to an Ask Ubuntu forums question, *Could not load 'vboxdrv' after upgrade to Ubuntu 16.04 (and I want to keep secure boot)*. The script automates signing of `virtualbox` modules every time `virtualbox-dkms` upgrades.

```
~/bin/vboxsign or /usr/local/sbin/vboxsign
```

```
#!/bin/bash
# Sign and load VirtualBox modules

# https://www.majlovesreg.one/tag/code/
# https://www.majlovesreg.one/thoughts/sign-virtualbox-on-ubuntu-
# https://github.com/majal/maj-scripts/blob/master/vboxsign

# Run as root
[ $EUID -ne 0 ] && { echo; exec sudo "$0" "$@"; }

# Set working directory
dir=/home/directory/of/keys
cd $dir

# (Optional) Setting env KBUILD_SIGN_PIN for encrypted keys
#printf "Please enter key passphrase (leave blank if not need"
```

```
20 #gpg -d --batch --passphrase-file /owned/by/root/.pass MOK.priv.g
21 echo
22
23 # Sign and load modules
24 for module in vboxdrv vboxnetflt vboxnetadp vboxpci; do
25     [ "`hexdump -e '"%_p"' $(modinfo -n $module) | tail | grep sign
26     printf "$module: "
27     echo `hexdump -e '"%_p"' $(modinfo -n $module) | tail | grep si
28     modprobe $module && echo -e "\e[92m$module successfully loaded\
29     done
30
31 # (Optional) Shred private key
32 echo
33 #shred -vfuz MOK.priv
```

Enjoy signing!

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Majal Mirasol

Servant of the Creator happily married to Jehovah's slave girl.

While Majal was absorbed in training for a good foundation in the Maths and Sciences, he learned that there is more to life than simply elucidating complex designs in our universe. He realized that there is a Designer. The Source of our order, an order much superior than what our human brains could conceive.



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