Devuan Issues

Issues... and maybe fixes (if any).

Image Magick's convert error

I found an error when using image magick's convert to create EPS from fig that provides this message:

```
convert-im6.q16: attempt to perform an operation not allowed by the security policy `EPS' @error/constitute.c/IsCoderAuthorized/421
```

Solution:

- (as root) edit `/etc/ImageMagick-6/policy.xml`
- modify following line (change none → read|write)

```
<policy domain="coder" rights="none" pattern="EPS" />
```

GRUB Prompt

In some cases, after an installation is complete, the system boots to a GRUB prompt. The issue may be caused by a different disk assignment during installation. Things is not so bad since GRUB prompt is very shell-like (e.g. double-tab for completion):

To list available disks:

```
> ls
```

To list content of first partition on the first disk (/dev/sda1) that is using GPT:

```
> ls (hd0,gpt1)
```

So, to boot an installation on second partition instead:

```
> linux (hd0,gpt2)/boot/vmlinuz<...>
> initrd (hd0,gpt2)/boot/initrd.img<...>
> boot
```

BCM Wireless

Device:

```
# lspci -nn | grep BCM
02:00.0 Network controller [0280]: Broadcom Limited BCM43142 802.11b/g/n
[14e4:4365] (rev 01)
```

Install: broadcom-sta-dkms, firmware-linux, firmware-b43-installer (b43-fwcutter)

note: only solves the Wireless Driver part... NOT the bluetooth hardware!

```
# lsusb | grep BCM
Bus 002 Device 004: ID 0a5c:216d Broadcom Corp. BCM43142A0 Bluetooth 4.0
# dmesg | grep blue
[    8.850007] bluetooth hci0: firmware: failed to load
brcm/BCM43142A0-0a5c-216d.hcd (-2)
[    8.850197] bluetooth hci0: Direct firmware load for
brcm/BCM43142A0-0a5c-216d.hcd failed with error -2
```

So, download `BCM43142A0-0a5c-21d6.hcd` in here and place it `/lib/firmware/brcm/` (create that path if it does not exist).

XFCE Desktop

- tapping on my laptop touchpad is NOT working
  - moving around & button clicks are working
  - need to create file `/etc/X11/xorg.conf.d/90-touchpad.conf`

    90-touchpad.conf

    ```
    Section "InputClass"
            Identifier "libinput touchpad catchall"
            MatchIsTouchpad "on"
            MatchDevicePath "/dev/input/event*"
            Driver "libinput"
            Option "Tapping" "on"
    EndSection
    ```

- lid event does not trigger suspend (but manual suspend works)
  - this is a systemd-related aftermath: xfce power manager allows/assumes login to handle lid
  - fix:

    ```
    $ xfconf-query -c xfce4-power-manager -p /xfce4-power-
    manager/logind-handle-lid-switch -s false
    ```

- issues when logging out/shutdown
  - may be caused by intel graphics library? i915?
  - can install lightdm - but shutdown/restart always gets login page (=logout)
- wicd feature is an issue for system with multiple users

    - shared wifi password, no option to make private

Cinnamon DE

- login page (lightdm?) - cannot shutdown/reboot! read here...
    - found a fix here
    - i just needed to edit `/etc/pam.d/lightdm-greeter` and changed `pam_systemd.so` to `pam_elogind.so` (but, may cause issues with suspend/hibernate?)
- laptop battery quickly drain below 30 percent
    - setup higher critical value for power management

```
gsettings list-keys org.cinnamon.settings-daemon.plugins.power
gsettings set org.cinnamon.settings-daemon.plugins.power use-time-
for-policy false
gsettings set org.cinnamon.settings-daemon.plugins.power
percentage-low 30
gsettings set org.cinnamon.settings-daemon.plugins.power
percentage-critical 25
gsettings set org.cinnamon.settings-daemon.plugins.power
percentage-action 23
```

    - or use `dconf-editor`

PulseAudio

Youtube videos keep resetting the volume settings to 100%! The culprit is `flat-volumes`. Modify `/etc/pulse/daemon.conf` and set `flat-volumes=no`.

(Re)-Compiling Syslinux

I need to recompile syslinux - just to remind myself, other than the usual development packages (build-essential, etc), I also need `nasm` and `upx-ucl`.

```
apt install nasm and upx-ucl
```

Unwanted Background Program

I found this in my old notes... I somehow found an autostart program `geoclue-demo-agent.desktop`, which I obviously do not need. So, simply remove that from autostart path

```
# rm /etc/xdg/autostart/geoclue-demo-agent.desktop
```

Sound muted on startup on my HP laptop

trying two options found... so far, not successful? keeping this here for reference.

1. option 1:
    - install alsa-utils
    - make sure sound is not muted and set to desired volume level
    - run (as root) alsactl store
2. option 2:
    - edit (as root) /etc/pulse/defaults.pa
        - can also copy this to home folder ??? for 1-user solution...
    - comment out 'load-module module-device-restore'

General Issues

- wifi firmware missing after first restart
    - manually install `firmware-ralink`
- network manager cannot connect using wifi
    - edit /etc/NetworkManager/NetworkManager.conf
    - add

```
[device]
wifi.scan-rand-mac-address=no
```

From:
https://azman.my1matrix.cc/ - **Azman @MY1**

Permanent link:
https://azman.my1matrix.cc/doku.php?id=linux:dev1_5issues

Last update: **2026/04/05 02:41**