Upgrade System to new Debian version

Create installation disk

Download ISO image from [https://www.debian.org/distrib/netinst]. Find out the name of the USB drive using the lsblk tool. On most Linux distributions the USB flash drive will be automatically mounted when inserted. Unmount the USB partitions first.

```
# lsblk
# umount /dev/sdx1
# dd bs=4M if=/path/to/debian-XX.X.X-amd64-netinst.iso of=/dev/sdx
status=progress oflag=sync
```

Backup Current Root File System

To collect config files, etc.

```
rsync -aAXz --verbose --itemize-changes --times --recursive --whole-file --
delete --links --exclude dev/* --exclude proc/* --exclude sys/* --exclude
tmp/* --exclude run/* --exclude mnt/* --exclude media/* --exclude lost+found
--exclude var/lib/lxcfs/cgroup/* --exclude var/lib/lxcfs/proc/* /
/media/oscar/Sandisk8GB
```

Configure SSD optimizations

Linux SSD Optimization

Check for Boot and Kernel errors

```
journalctl
```

Create tmpfiles.d entries

While creating tmpfs tmp and var directories some subdirectories will not be present after a reboot. Some deamons (e.g. anacron) will fail to start, due to this. To prevent this create entries into /etc/tmpfiles.d:

```
nano /etc/tmpfiles.d/anacron.conf

#Type Path                    Mode UID   GID   Age Argument
```

```
d       /var/spool/anacron 774 0 0 - -
```

Reload the config with:

```
systemd-tmpfiles --create
```

Add user to sudoers

```
usermod -aG sudo oscar
```

Bluetooth

[Bluetooth setup](#)

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