Swap

Swapiness

By default, Swapiness is set to 100. It means that swap will be used as much as ram. To avoid it we will set swapiness to 10.

```
# see swapiness value
sysctl wm.swapiness


# change swapiness value
sysctl -w wm.swapiness=10
```

To make change persistant, create the file `/etc/sysctl.d/99-swapiness.conf` with

```
wm.swapiness=10
```

ZRAM

Armbian comes with a feature called ZRAM, which is basically a portion of RAM dedicated to holding temporary data in a compressed form. This is to prevent small but frequent writes (such as logs) from deteriorating an SD-card or eMMC module too quickly. In our configuration (the default one), `/var/log` is mounted in this ZRAM partition and periodically (every few hours) writes the whole thing in the `/var/log.hdd` folder. This is thus normal if the partition always seems full and it should cause issues.

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