

1 Arch Linux

1.1 Maintenance

```
#check file size  
du -sh .cache/  
#remove a file  
rm -rt .cache/  
#delete what you don't need in .config file
```

specific maintenance:

```
#check the failed systems  
systemctl --failed  
#check the systemd journal  
sudo journalctl -p 3-xb  
#if the system doesn't boots then ctrl+alt+shift then timeshift -restore  
#then update mirrors  
#clar cache  
  
#then to update the whole system use:  
sudo pacman -Syyu  
#to check system updates  
sudo pacman -Syu  
#if you want to remove all packages in the drive use  
sudo pacman -Scc  
#remove all unwanted dependencies  
paru -Yc  
#remove orphan packages  
sudo pacman -Rns $(pacman -Qdtq)  
#sudo pacman -Syyy Synchronise data use "mirror1"
```

1.2 Print in arch linux

install packages: usbutils, lusb, cups
use this to make cups usable

```
sudo systemctl enable cups  
sudo systemctl start cups  
localhost:631  
  
lp -d HP_Officejey_Pro_8600]
```

1.3 configure date and time

```
hwclock --set --date = "04/32/2021 19:00:00"  
hwclock -hctosys
```

1.4 Configure wireless

```
#when entering an iso  
iwctl  
#then in the ui  
  
#to list all available devices  
device list
```

```

#to scan networks
station <device> scan

#to get networks
station <device> get-network

#to connect to a network
station <device> connect "<name of network>"

#to check if the connection is stable
ping -c s 8.8.8.8

#don't forget before rebooting the iso run
pacman nmtui

```

from Arch Water Linux

```

# to acces the gui for the internet
nmtui
# solve temporary failure in name resolution
# change the /etc/resolve.conf file to nameserver 8.8.8.8

# restart the resolved daemon
sudo systemctl restart systemd-resolved.service
# check that the daemon is running and active
sudo systemctl status systemd-resolved.service

```

dwm basic configuration

```

#MODKEY + shift + q to restart X server
startx # to start the X server

```

1.5 mount devices

mount usb sticks:

```

#to mount a usb stick
mount /dev/sdb1 /mnt/<destination folder>
#to unmount a sub stick
umount /dev/sdb1

```

mount an android device:

```

#to mount and android device
simple-mtpfs --device 1 tablet/

#to unmount an android device
fusermount -u /tablet

```