Arch Install Guide

Novaen

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1   Before OS Install

1. loadkeys uk

2. ls /sys/firmware/efi/efivars

3. iwctl

   - device list
   - station wlan0 scan
   - station wlan0 get-networks
   - station wlan0 connect SSID

4. cfdisk

   - boot 300M
   - swap 4G
   - root *G

5. mkfs

   - mkfs.ext4 /dev/sda*
   - mkswap /dev/sda*
   - mkfs.fat -F 32 /dev/sda*

6. mount

   - mount /dev/sda* /mnt
   - swapon /dev/sda*
   - mkdir -p /mnt/boot/efi
   - mount /dev/sda* /mnt/boot/efi

7. pacstrap /mnt base base-devel linux linux-firmware nano networkmanager grub efibootmgr

2 After OS Install

1. genfstab /mnt >>/mnt/etc/fstab

2. arch-chroot /mnt

3. ln -sf /usr/share/zoneinfo/Europe/Rome /etc/localtime

4. hwclock –systohc

5. nano /etc/locale.gen —>uncomment selected locale

6. locale-gen

7. nano /etc/locale.conf —>LANG=localeSelected

8. nano /etc/vsconsole.conf —>KEYMAP=keymapSELECTED

9. nano /etc/hostname —>hostname

10. passwd

11. useradd -m -G wheel -s /bin/bash username

12. passwd username

13. exit to root still inside arch-chroot

14. EDITOR=nano visudo —>uncomment %wheel ALL =(ALL) ALL

15. systemctl enable NetworkManager

16. grub-install /dev/sda

17. grub-mkconfig -o /boot/grub/grub.cfg