gdisk /dev/sda

/dev/sda1 ef00 1G /boot /dev/sda2 8200 2G /swap /dev/sda3 8300 6G / /dev/sda4 8e00 11G /dev/VolGroup00/Ivolvar 4G /var /dev/VolGroup00/Ivolhome 4G /home

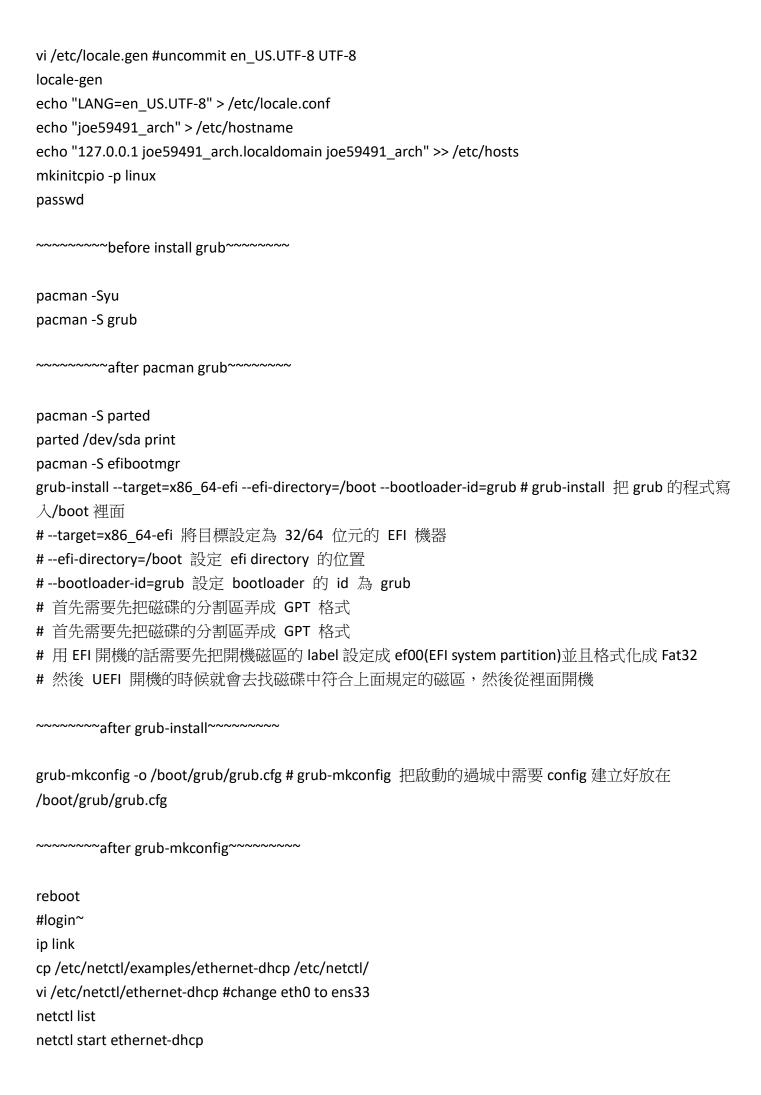
lvmdiskscan
pvcreate /dev/sda4
vgcreate VolGroup00 /dev/sda4
vgdisplay
lvcreate -L 4G VolGroup00 -n lvolvar
lvcreate -L 4G VolGroup00 -n lvolhome
lvdisplay
mkfs.ext4 /dev/VolGroup00/lvolvar
mkfs.ext4 /dev/VolGroup00/lvolhome
tune2fs -m 10 /dev/VolGroup00/lvolvar
mkfs.fat -F32 /dev/sda1
mkswap /dev/sda2
mkfs.ext4 /dev/sda3

mount /dev/sda3 /mnt
swapon /dev/sda2
mkdir /mnt/boot
mount /dev/sda1 /mnt/boot
mkdir /mnt/var
mount /dev/VolGroup00/Ivolvar /mnt/var
mkdir /mnt/home
mount /dev/VolGroup00/Ivolhome /mnt/home
Isblk -f

pacstrap /mnt base

~~~~~~init~~~~~~~

genfstab -U /mnt >> /mnt/etc/fstab arch-chroot /mnt In -sf /usr/share/zoneinfo/Asia/Taipei /etc/localtime hwclock --systohc



| pacman -S vim                                                                                   |
|-------------------------------------------------------------------------------------------------|
| ~~~~~after connecting to network~~~~~~                                                          |
| df                                                                                              |
| lvresize -l +256 /dev/VolGroup00/Ivolhome #increase 1GB                                         |
| resize2fs /dev/VolGroup00/Ivolhome                                                              |
| df                                                                                              |
| ~~~~~after extend /home~~~~~~                                                                   |
| vmware image:                                                                                   |
| https://csientuedutw-                                                                           |
| my.sharepoint.com/personal/b05902086_csie_ntu_edu_tw/_layouts/15/guestaccess.aspx?docid=0d42ab6 |
| b39f3648ab85ce547230cb4dd3&authkey=AfLd_alGsWNNLIH5BhWzWFE                                      |