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**NIM : 123170108**

**Pertemuan 2 : Pengenalan VM Ware dan Linux OS**

1. Apa yang anda ketahui dari hosting local tanpa cloud?

Hosting local tanpa cloud adalah hosting yang dilakukan di perangkat computer yang tidak terhubung oleh internet, akan tetapi bisa dijalankan oleh computer lain dalam jaringan yang sama.

2. Bagaimana tahap melakukan hosting di cloud dengan vendor 000webhost?

Pertama kita harus membuat account di vendor 000webhost. Kemudian pilih menu untuk membuat situs, lalu masukan data yang kita butuhkan untuk membuat situs tersebut. Kemudian kita bisa mengimport database yang kita miliki, dengan memilih menu alat di dashboard lalu pilih database manager. Kita harus membuat database terlebih dahulu dengan mengisi data yang diperlukan(username,password,database name), kemudian pilih phpMyAdmin lalu import database. Setelah berhasil mengimport database lalu kita perlu mengupload seluruh codingan yang kita miliki. Codingan tersebut di upload pada menu file manager yang ada di dashboard. Kemudian kita bias mengupload codingan di dalam file public. Agar database dapat terkoneksi, jangan lupa untuk mengubah konfigurasi database dengan database yang sudah kita buat sebelumnya.

3. Apakah hosting cloud itu gratis?

Hosting cloud tidak gratis, ada biaya yang dikenakan untuk server yang nantinya kita gunakan. Biasanya biaya tersebut dibayarkan setiap 1 bulan sekali ataupun 1 tahun sekali. Namun ada beberapa vendor yang menyediakan hosting gratis, yang membedakan hosting gratis dan berbayar adalah untuk hosting gratis biasanya terdapat watermark vendor penyediaanya dan dalam alamat/link nya juga ada tambahan nama penyediaanya, misalnya tugastcc.000webhostapp.com

VMware: virtualisasi system oprasi

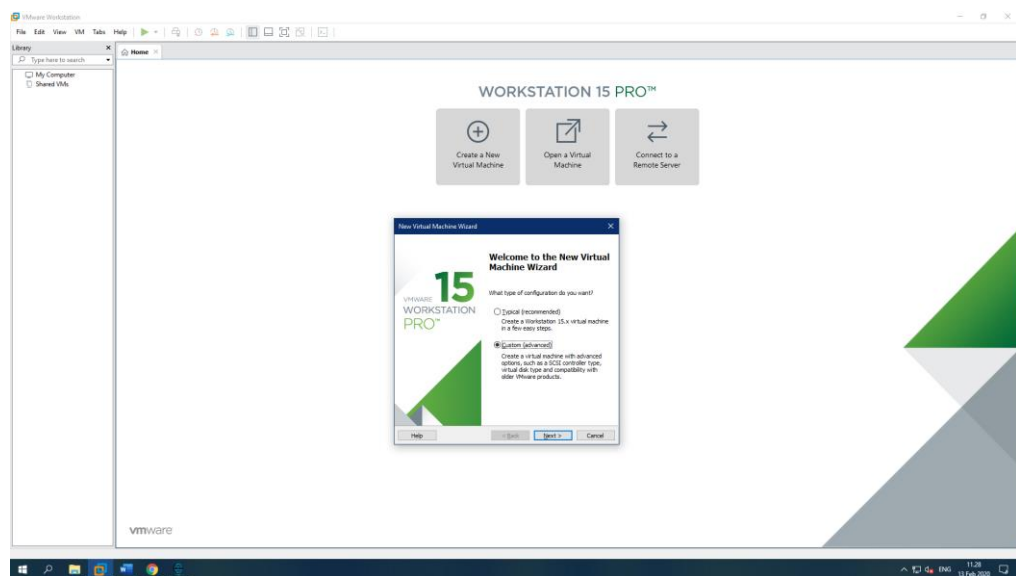
Virtualisaii merupakan kegiatan untuk menciptakan versi maya,

Fitur yang ada di VMware:

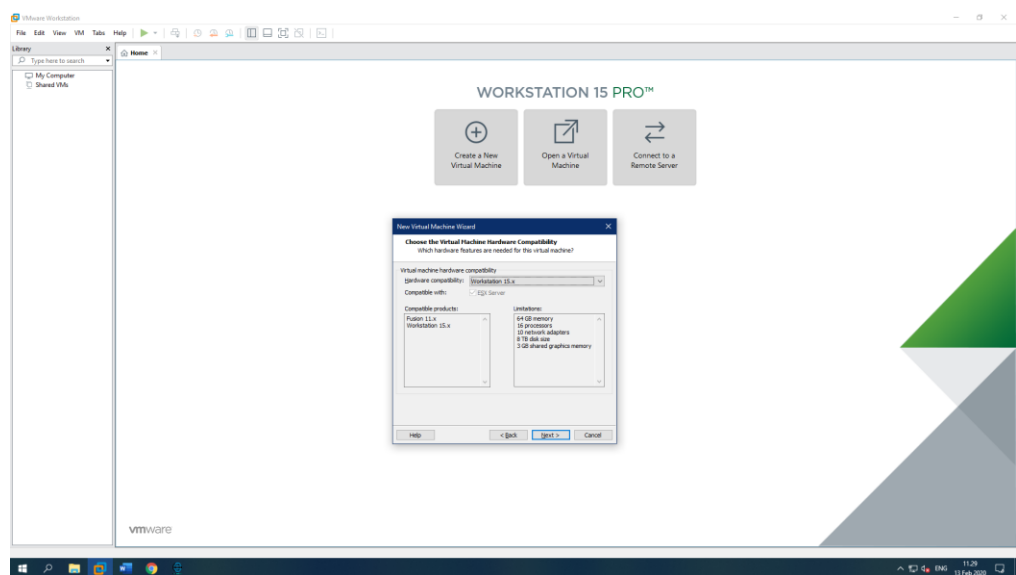
1. Opsi Swapping: memvirtualkan ram
2. MEMPERBAIKI KONFLIK PORT PADA XAMPP, klik Shared VMs lalu klik disble
3. Virtual Network Editor: memnentukan bride interface, klik change setting

Tahapan membuat VMware:

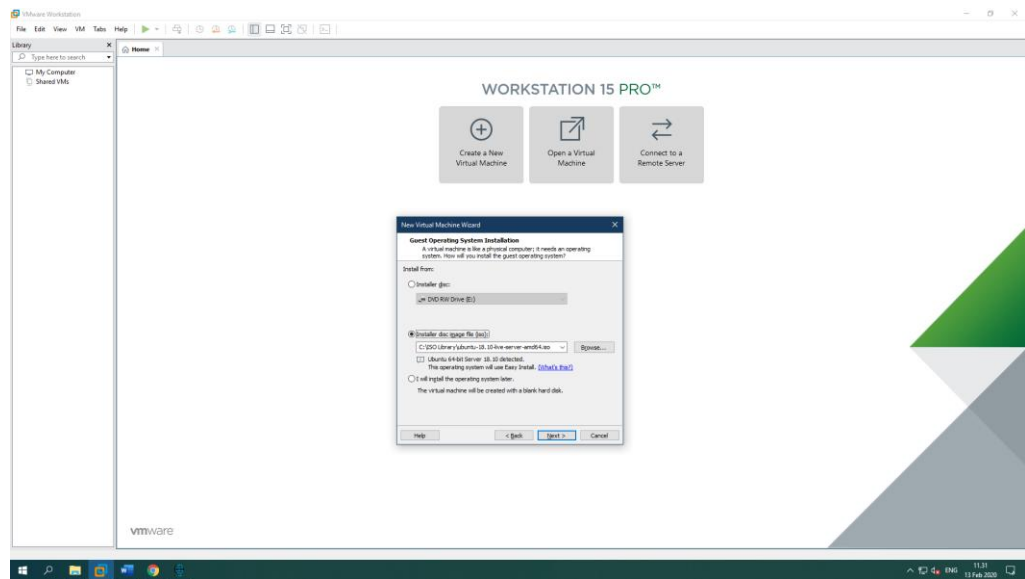
1. Create new virtual machine, lalu pilih custome



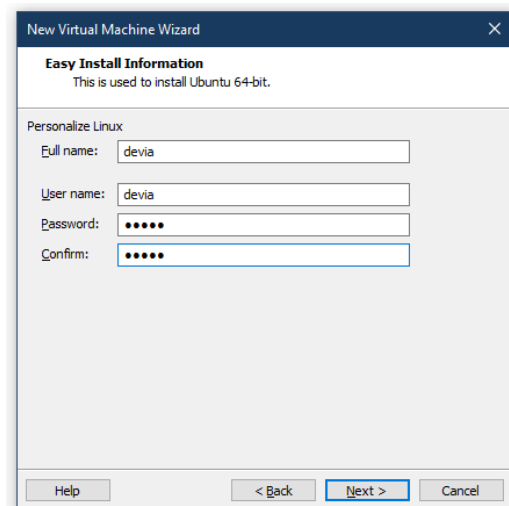
2. Pilih compatibility tertinggi(15x) karena aka n menginstall linux versi terbaru



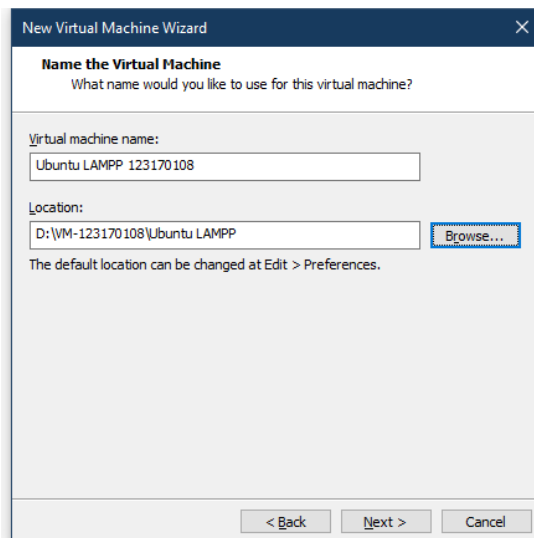
### 3. Pilih ISO ubuntu



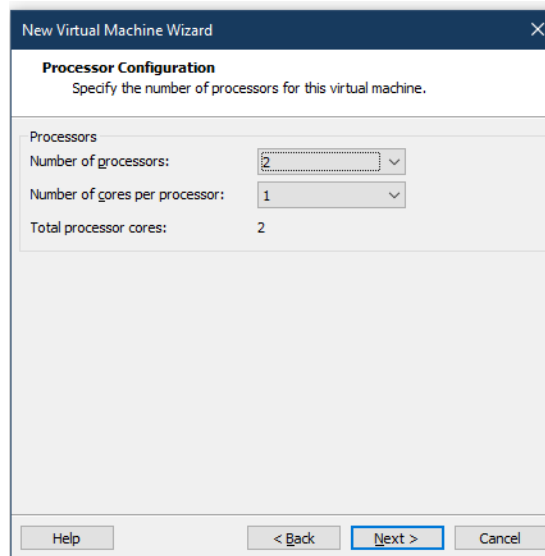
### 4. Isikan data



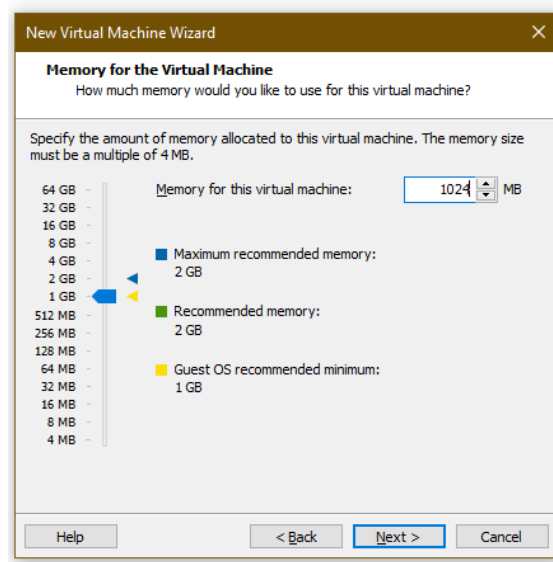
### 5. Isi Data



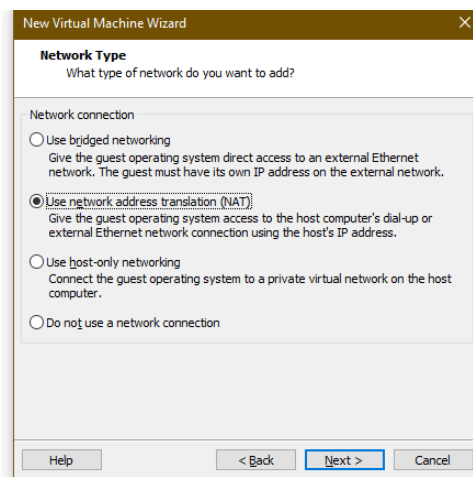
## 6. Mengkonfigurasi prosesor



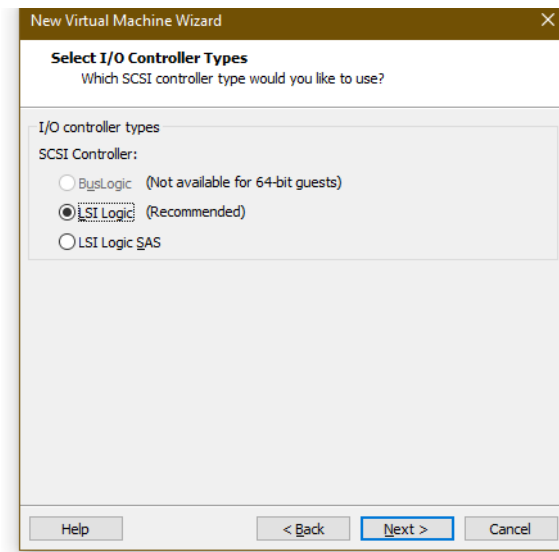
## 7. Setting RAM



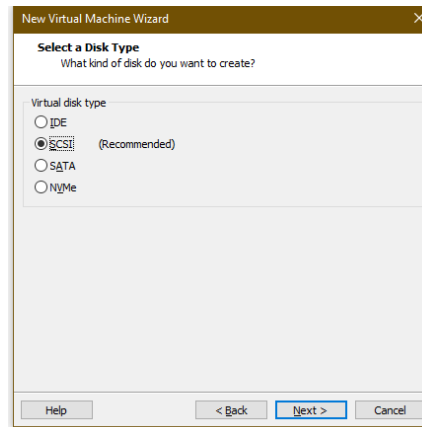
## 8. Pilih network type



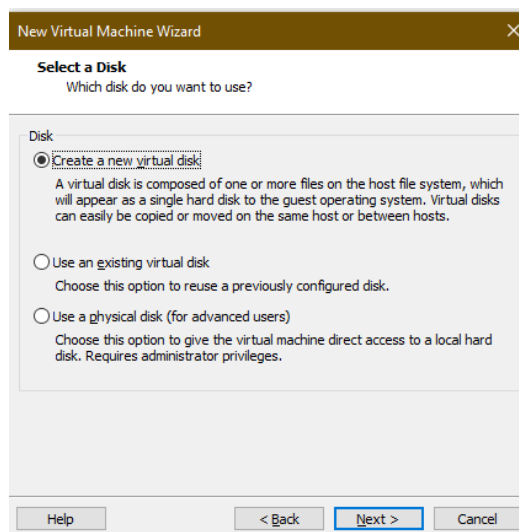
## 9. Pilih LSI



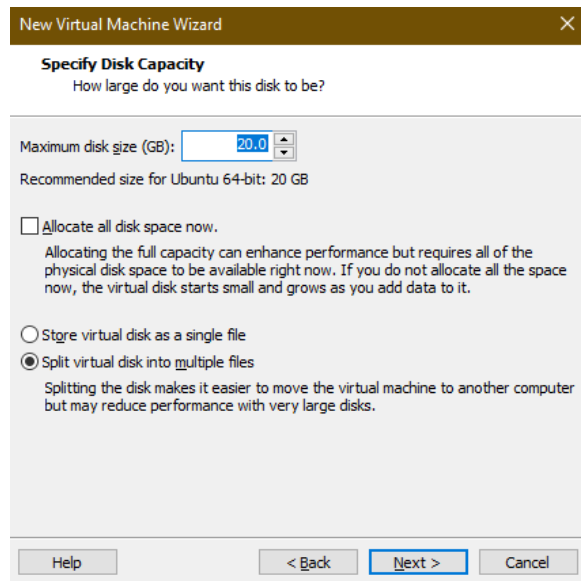
## 10. Pilih disk type yang SCSI



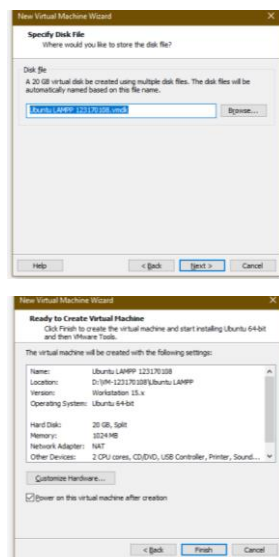
## 11. Create



## 12. Pilih Ukuran 20GB, pilih split virtual supaya jika di copy tidak utuh 20GB, bisa dicicil

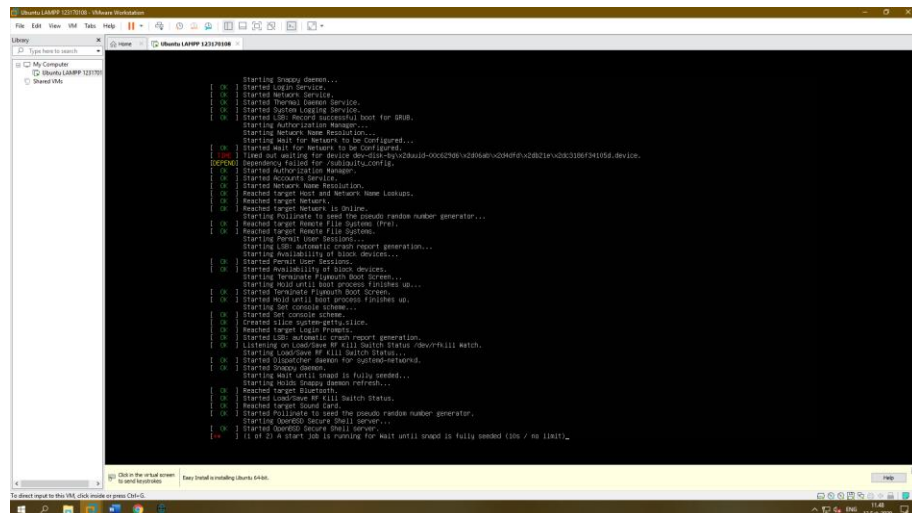


### 13. Konfirmasi

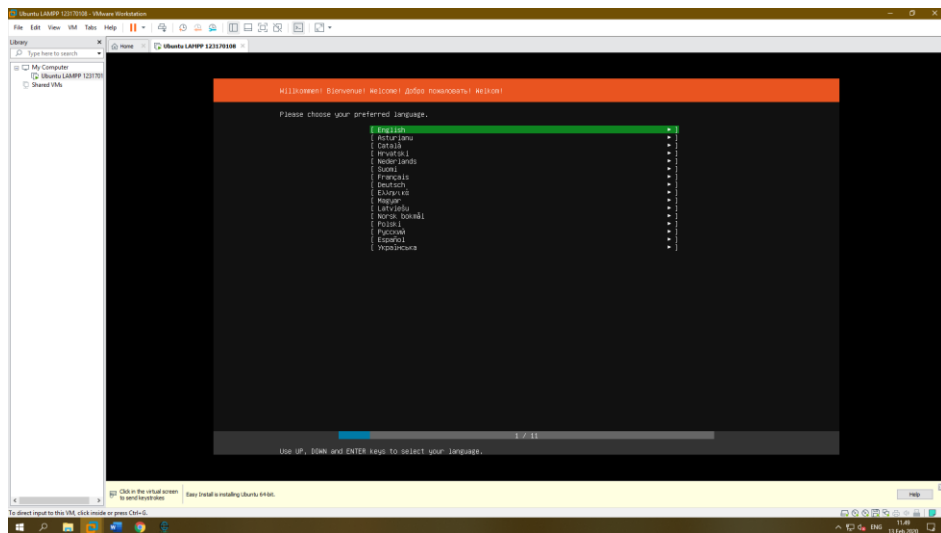


### Intsalasi linux

#### 1. Booting

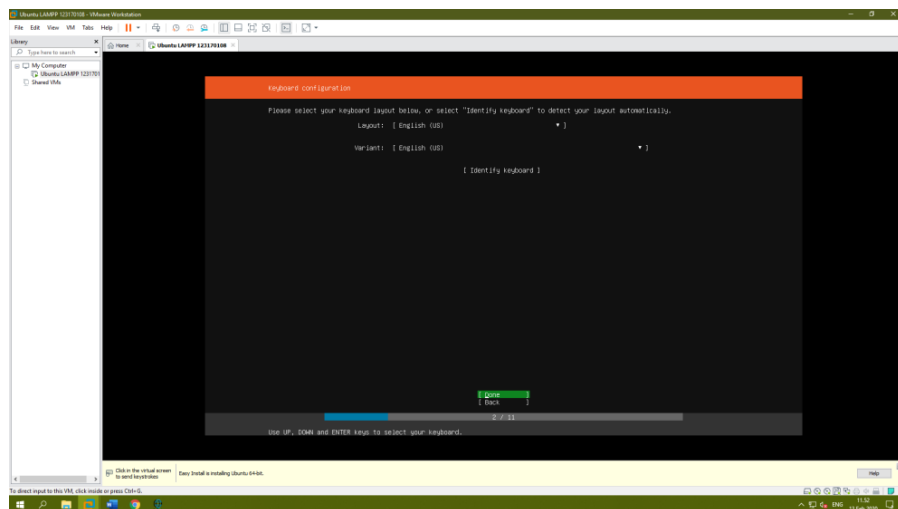


2. CTRL G: menghilangkan kursor: masuk ke jendela vw

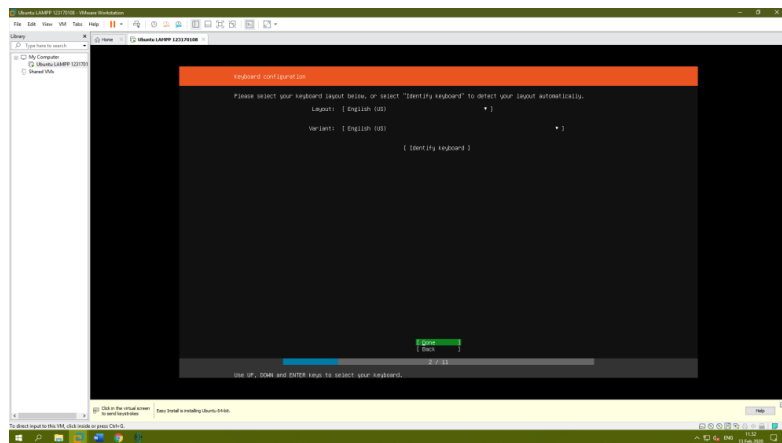


CTRL+ALT untuk balik ke windows

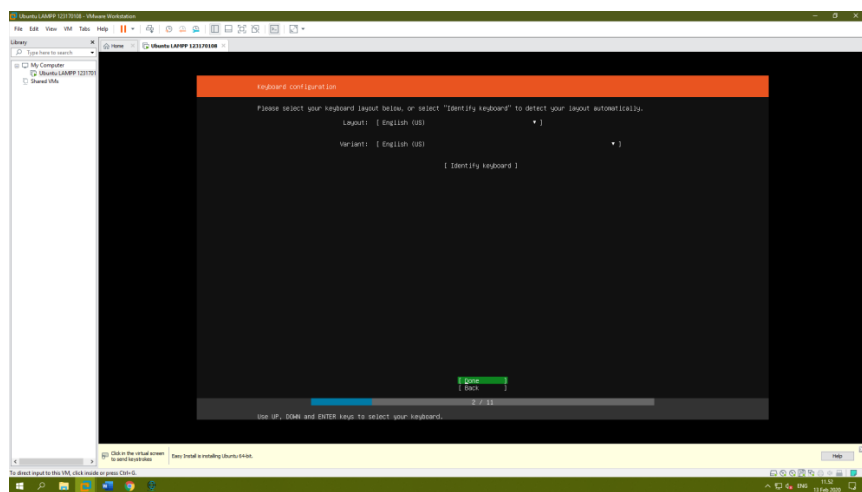
3. Konfirmasi Tahap



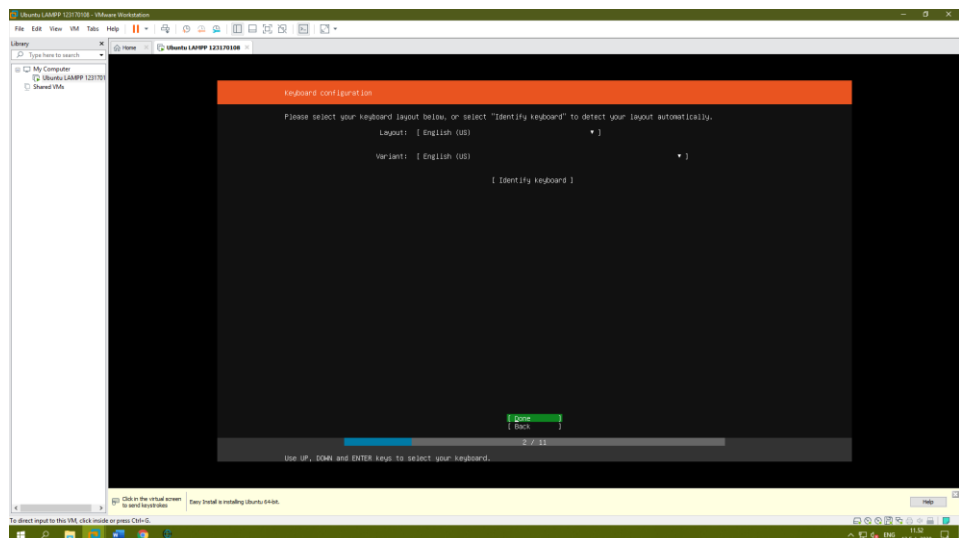
#### 4. Install ubuntu



#### 5. ..

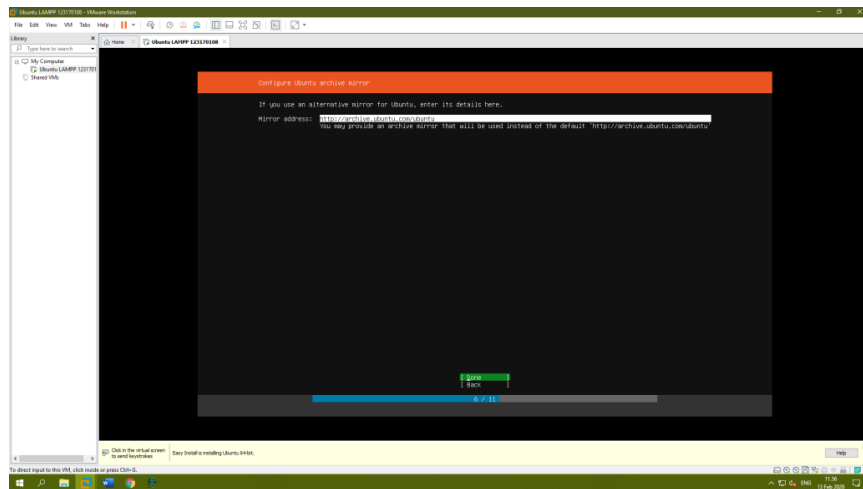


#### 6. Proxy dikosongkan

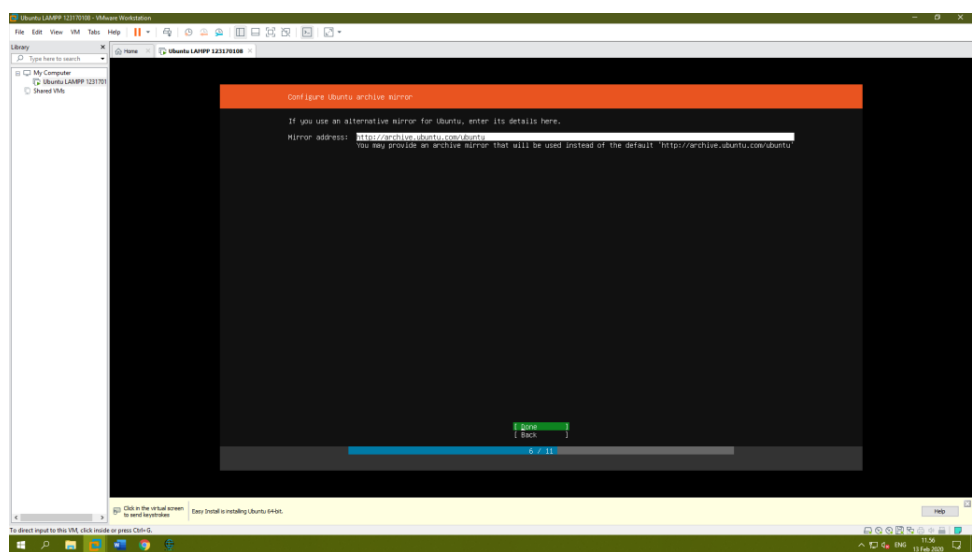


#### 7. Penentuan archive

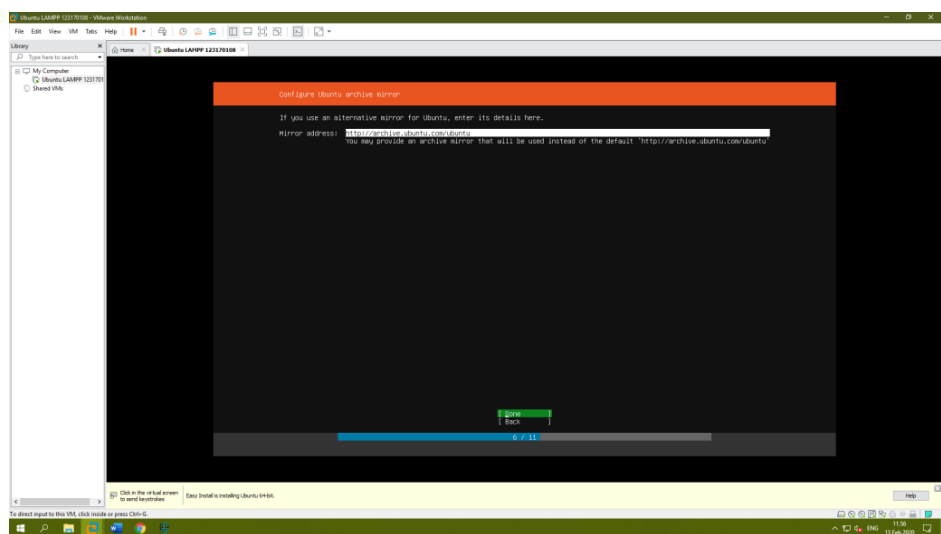




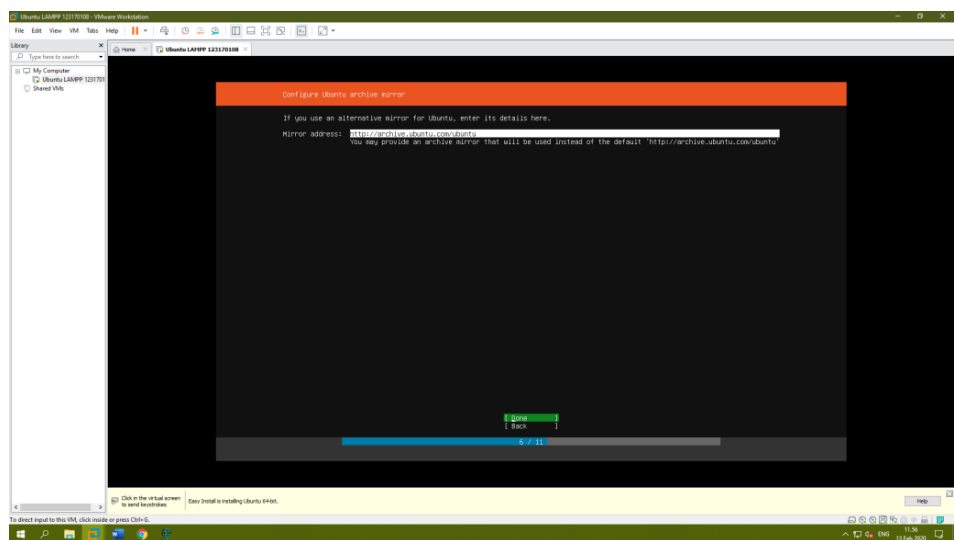
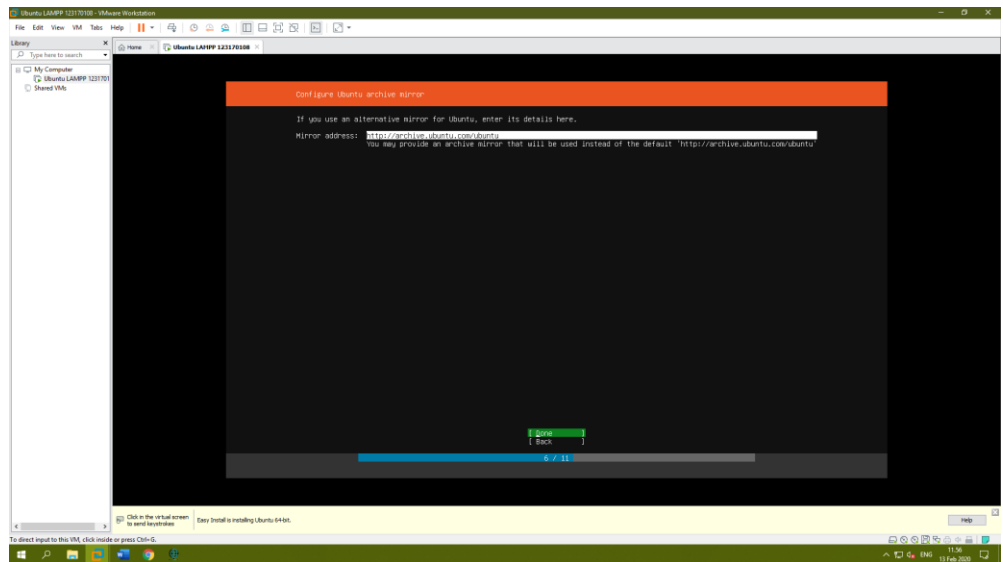
## 8. Menentukan...



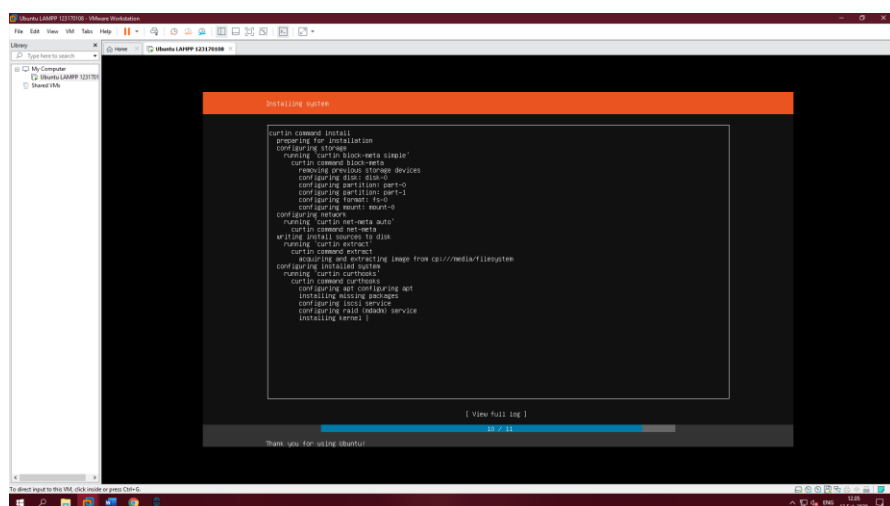
## 9. Pilih disk

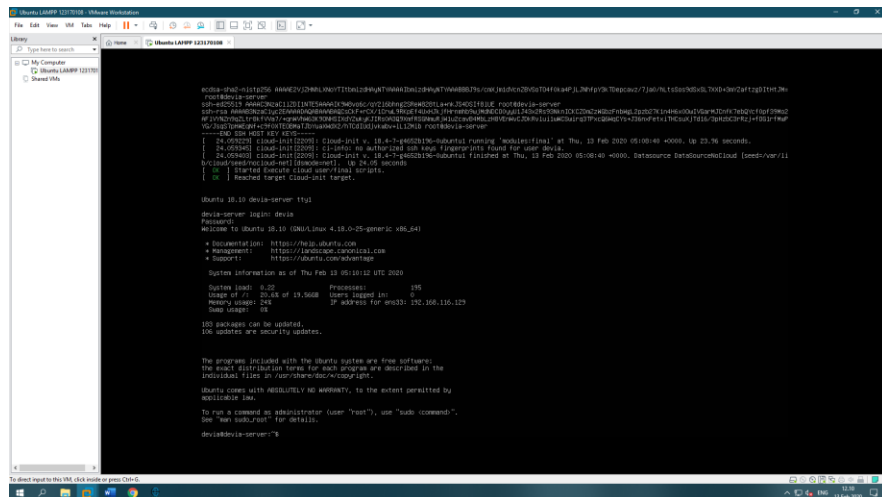


## 10. Penentuan partisi/konfirmasi



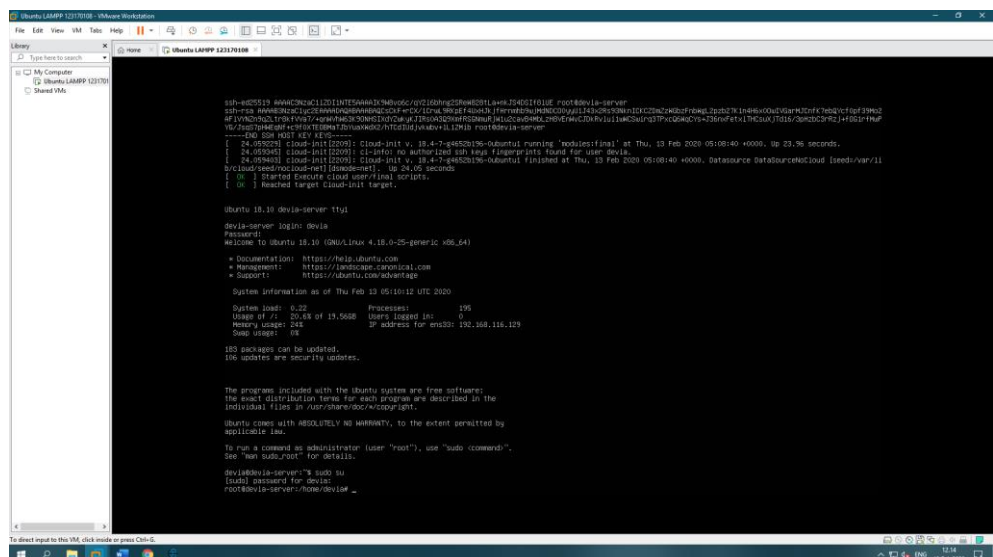
## 11. Isi data





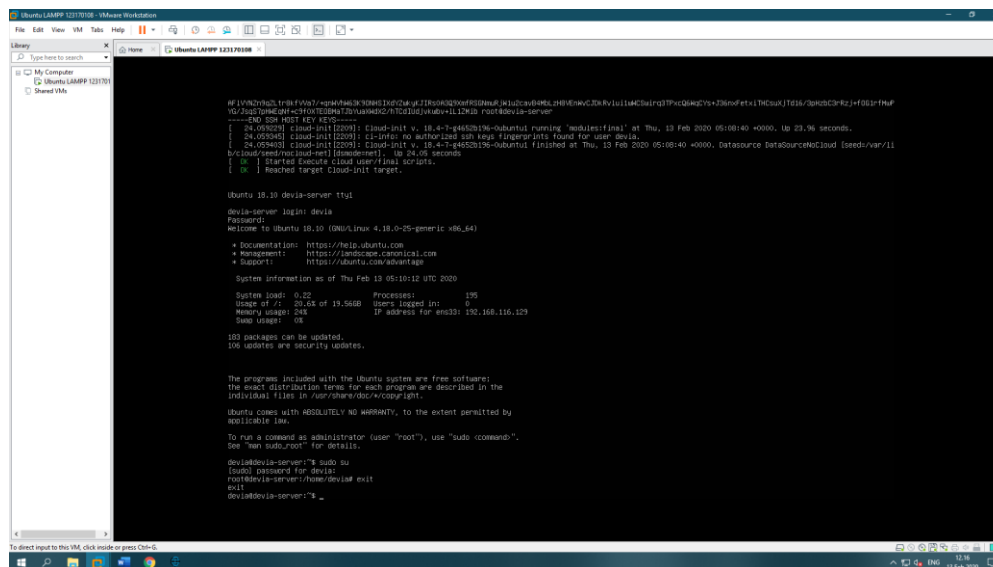
```
root@devia-server:~#  
[ 24.059213] cloud-init[12209]: cloud-init v. 18.4-7-g4652b136-ubuntu running 'modules:final' at Thu, 13 Feb 2020 05:08:40 +0000. Up 23.96 seconds.  
[ 24.059403] cloud-init[12209]: ci-info: no authorized ssh key fingerprint found for user 'devia'.  
[ 24.059403] cloud-init[12209]: cloud-init v. 18.4-7-g4652b136-ubuntu finished at Thu, 13 Feb 2020 05:08:40 +0000. DataSource DataSourceCloud (seed:/var/lib/cloud/seed/nocloud) (datasource) - Up 24.06 seconds.  
[ 0s ] Started Execute cloud user/final scripts.  
[ 0s ] Reached target cloud-init target.  
  
Ubuntu 18.10 devia-server tty1  
devia-server login: devia  
Password:  
Welcome to Ubuntu 18.10 (GNU/Linux 4.18.0-25-generic x86_64)  
  
 * Documentation:  https://help.ubuntu.com  
 * Management:    https://landscape.canonical.com  
 * Support:        https://ubuntu.com/advantage  
  
System information as of Thu Feb 13 05:10:12 UTC 2020  
System load: 0.22          Processes: 195  
Usage of /: 20.6% of 19.56GB   Users logged in: 0  
Memory usage: 24%          IP address for ens3: 192.168.116.129  
Swap usage: 0s  
  
183 packages can be updated.  
106 updates are security updates.  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
  
To run a command as administrator (user "root"), use "sudo command".  
See "man sudo_root" for details.  
  
devia@devia-server:~$  
devia@devia-server:~$
```

Klik sudo su untuk ke akun yg memiliki hak akses lengkap, pindah ke akun root



```
root@devia-server:~#  
[ 24.059213] cloud-init[12209]: cloud-init v. 18.4-7-g4652b136-ubuntu running 'modules:final' at Thu, 13 Feb 2020 05:08:40 +0000. Up 23.96 seconds.  
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devia@devia-server:~$ sudo su  
[sudo] password for devia:  
root@devia-server:/home/devia#  
root@devia-server:/home/devia#
```

Exit untuk pindah ke akun kita



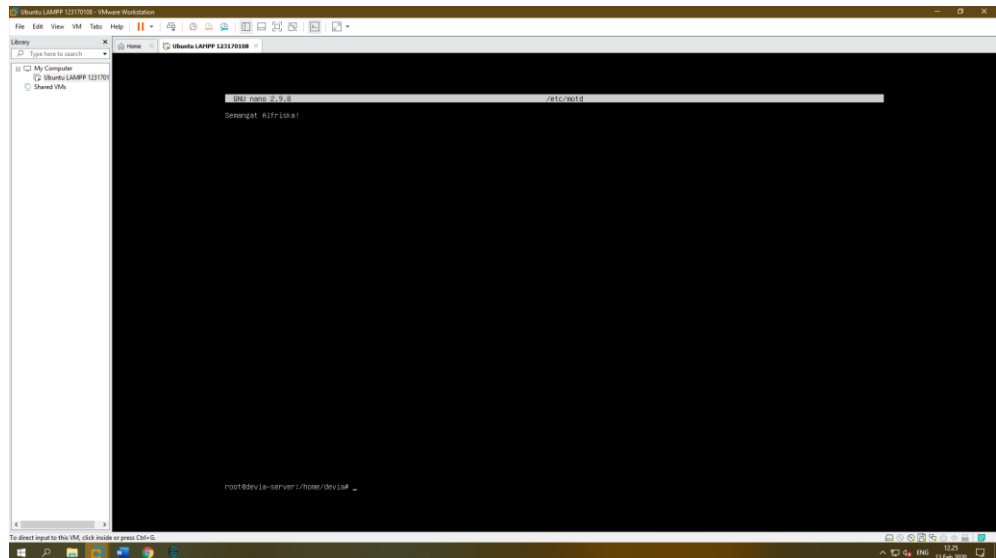
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Memory usage: 24%          IP address for ens3: 192.168.116.129  
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devia@devia-server:~$ sudo su  
[sudo] password for devia:  
root@devia-server:/home/devia#  
exit  
devia@devia-server:~$
```

Kegunaan root: untuk install apk karena yg mempunyai hak akses, untuk ubah motd,

Masuk ke sudo su terus nano /etc/motd

Simpan di apk nano dengan ctrl+o

Ctrl+x untuk keluar



Ifconfig untuk melihat ip, atau kalo abis login di ens33

**Menggunakan remote**, menggunakan putty

Masukan ip, terus login, nanti muncul tampilan kyk gini

