

Materi Pertemuan ke 2

Pengenalan VMWare

VMWare workstation :

- Digunakan untuk virtual sistem operasi.
- Seolah bisa menambah ram tapi Cuma virtual.

Ada layernya :

TIPS :

- Swapping kalo ramnya gakuat caranya :
Edit > preference >
- Memperbaiki konflik port pada xampp :
Buka sharedvm > change setting > klik jadi disable yang ada buttonnya.

Buat VM

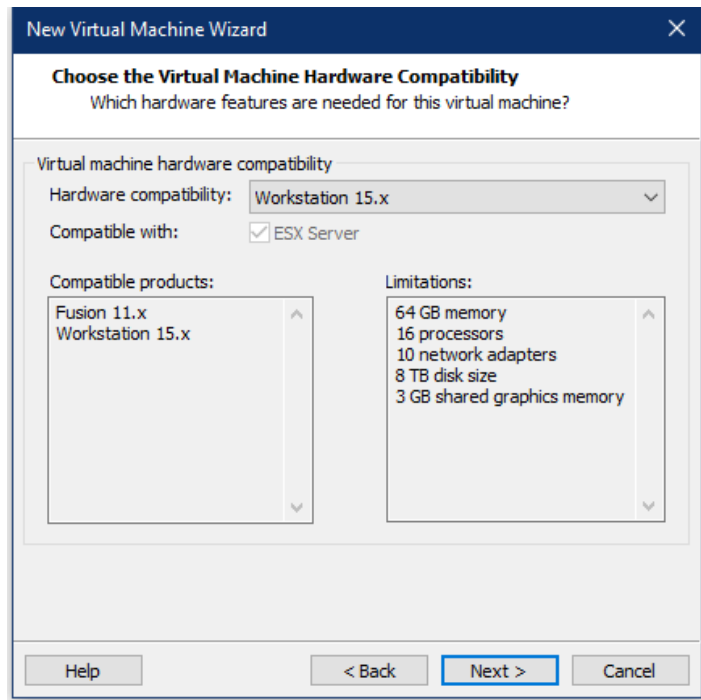
1. Persiapkan ISO

Cara :

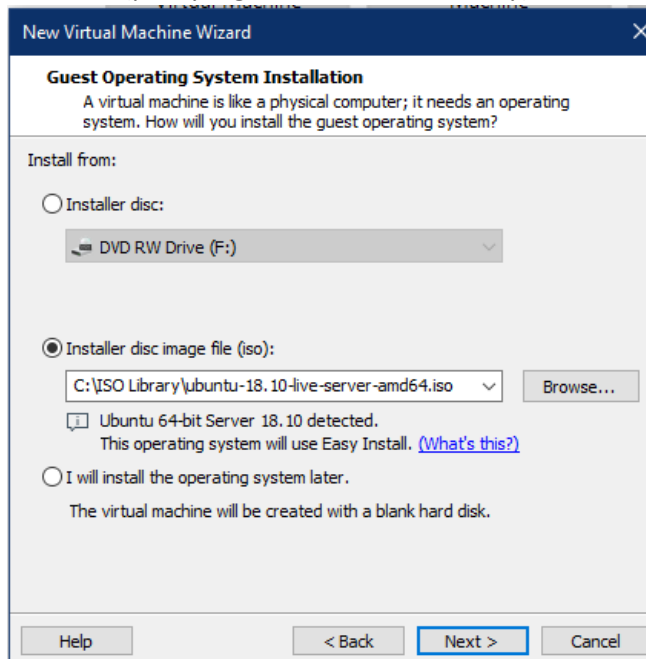
1. Cek ke drive C > ISO Library
2. Buka VM > create a new Virtual Machine
3. Di wizard pilih yang custom > next.



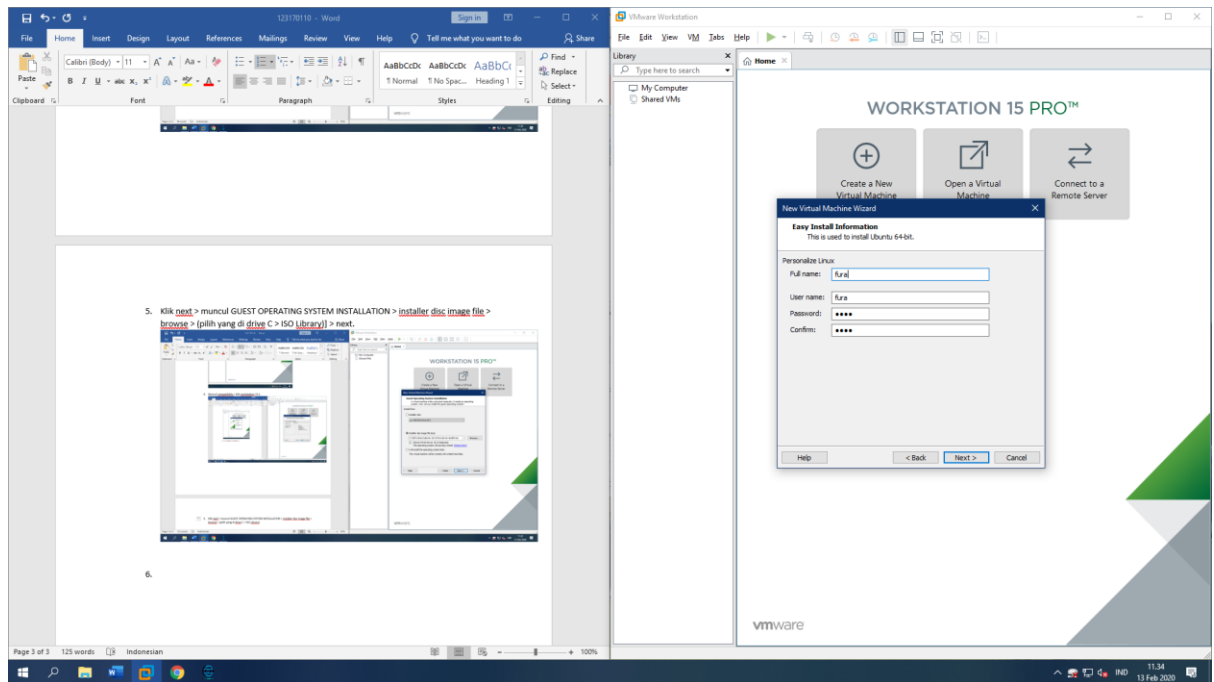
4. Muncul compatibility > klik workstation 15.x



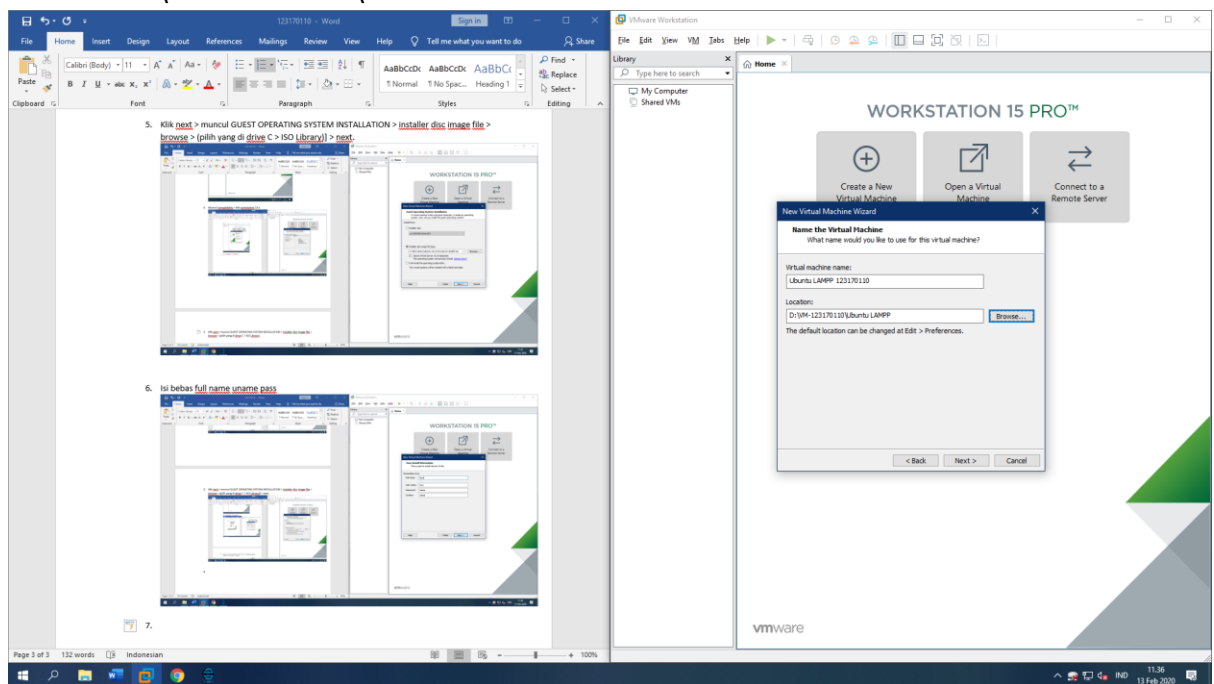
5. Klik next > muncul GUEST OPERATING SYSTEM INSTALLATION > installer disc image file > browse > (pilih yang di drive C > ISO Library)] > next.



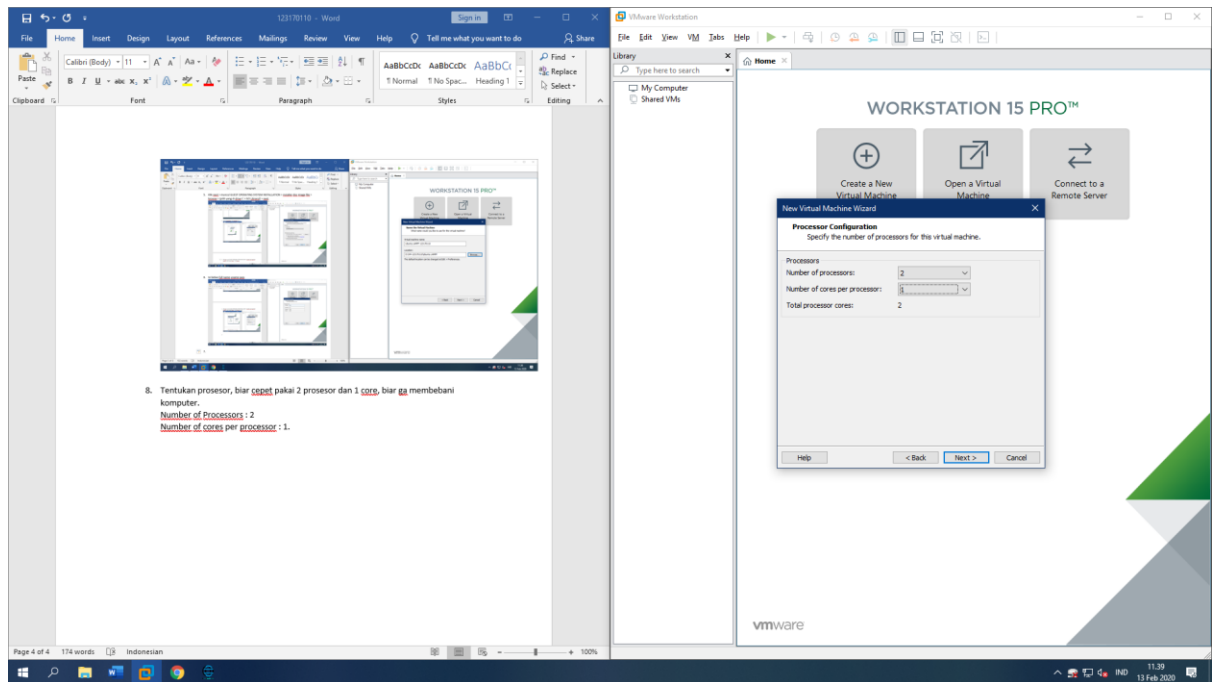
6. Isi bebas full name uname pass > next.



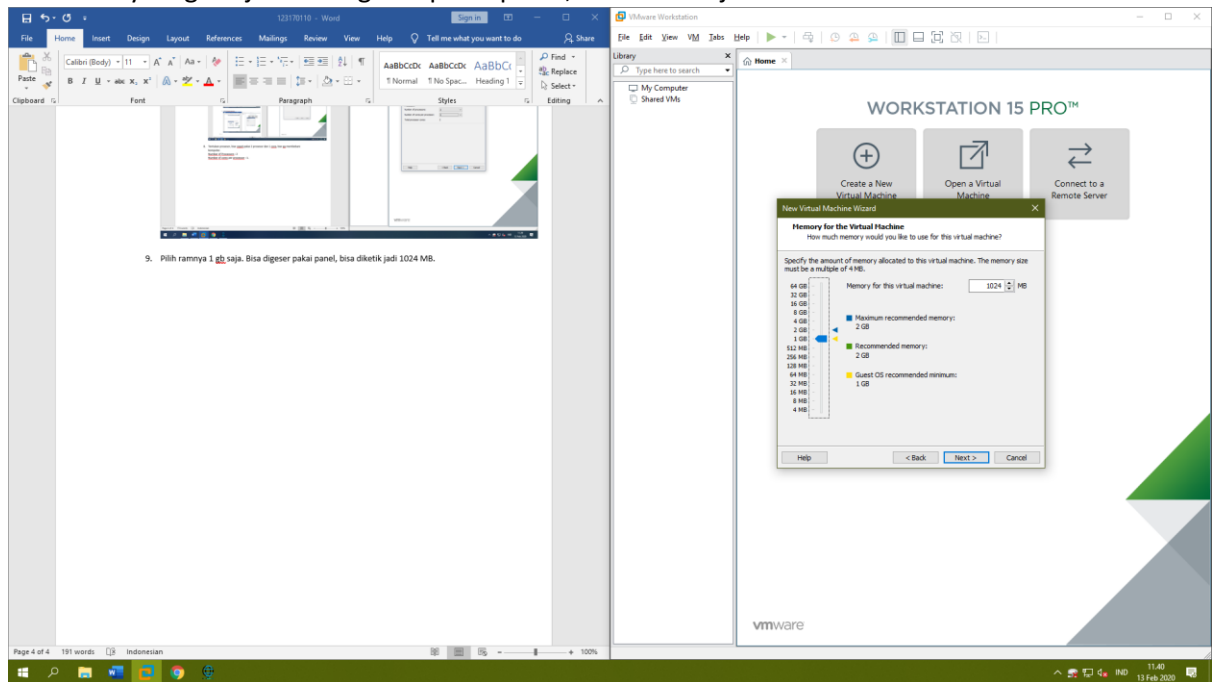
7. Virtual machine name : Ubuntu LAMPP 123170110
Location : D:\VM-123170110\Ubuntu LAMPP. > next.



8. Tentukan prosesor, biar cepet pakai 2 prosesor dan 1 core, biar ga membebani komputer.
Number of Processors : 2
Number of cores per processor : 1. > next.

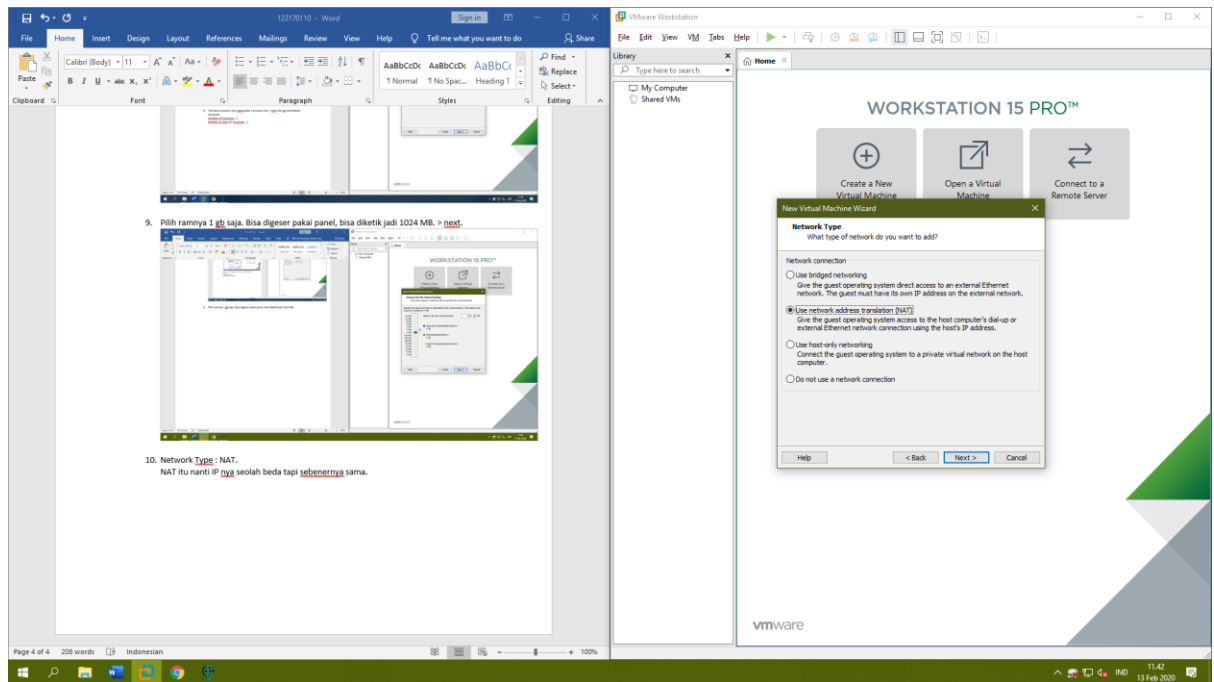


9. Pilih ramnya 1 gb saja. Bisa digeser pakai panel, bisa diketik jadi 1024 MB. > next.

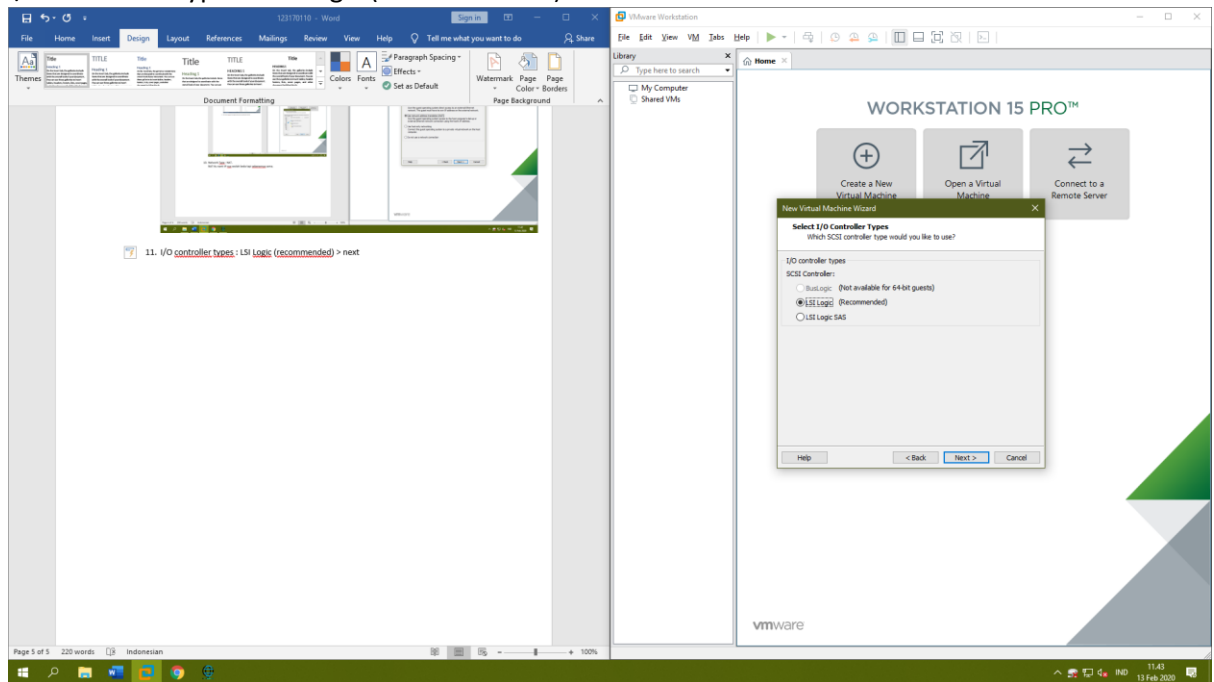


10. Network Type : NAT.

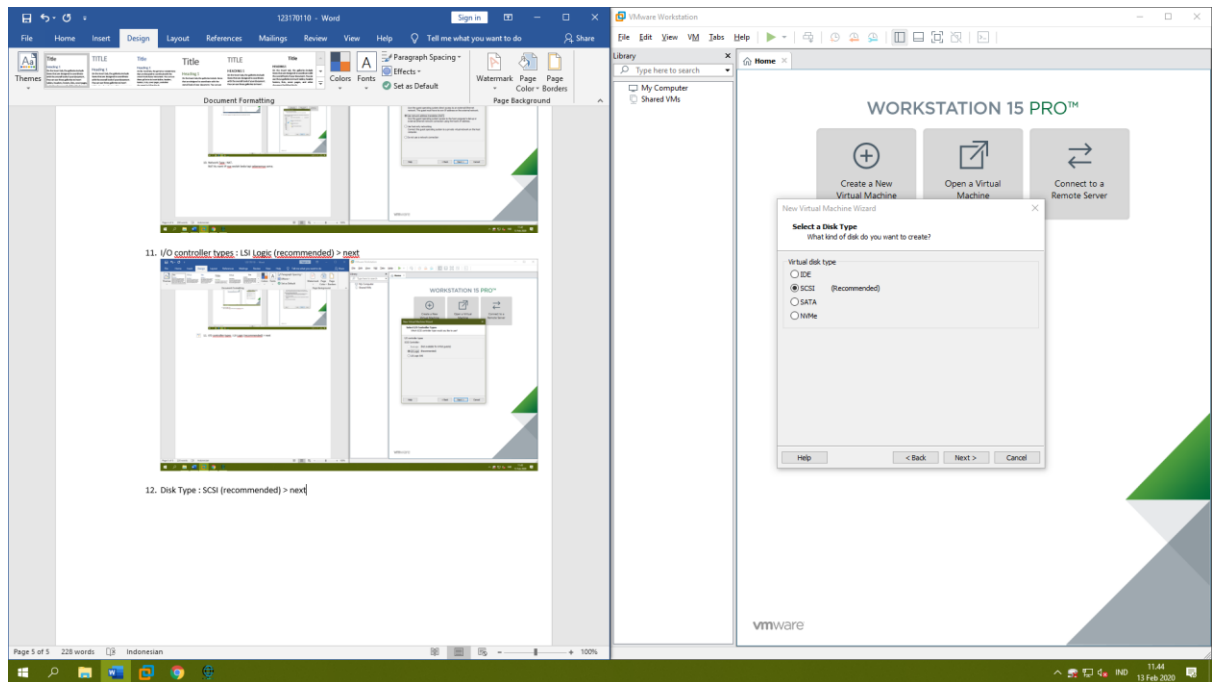
NAT itu nanti IP nya seolah beda tapi sebenarnya sama. > next.



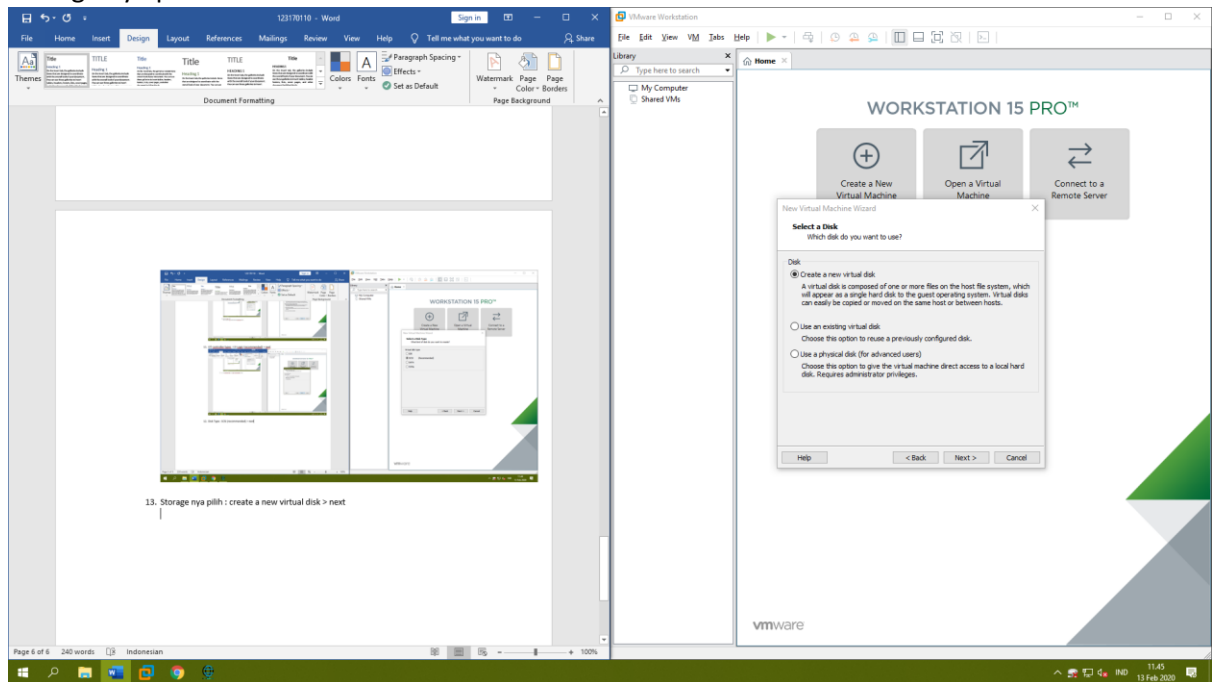
11. I/O controller types : LSI Logic (recommended) > next



12. Disk Type : SCSI (recommended) > next



13. Storage nya pilih : create a new virtual disk > next

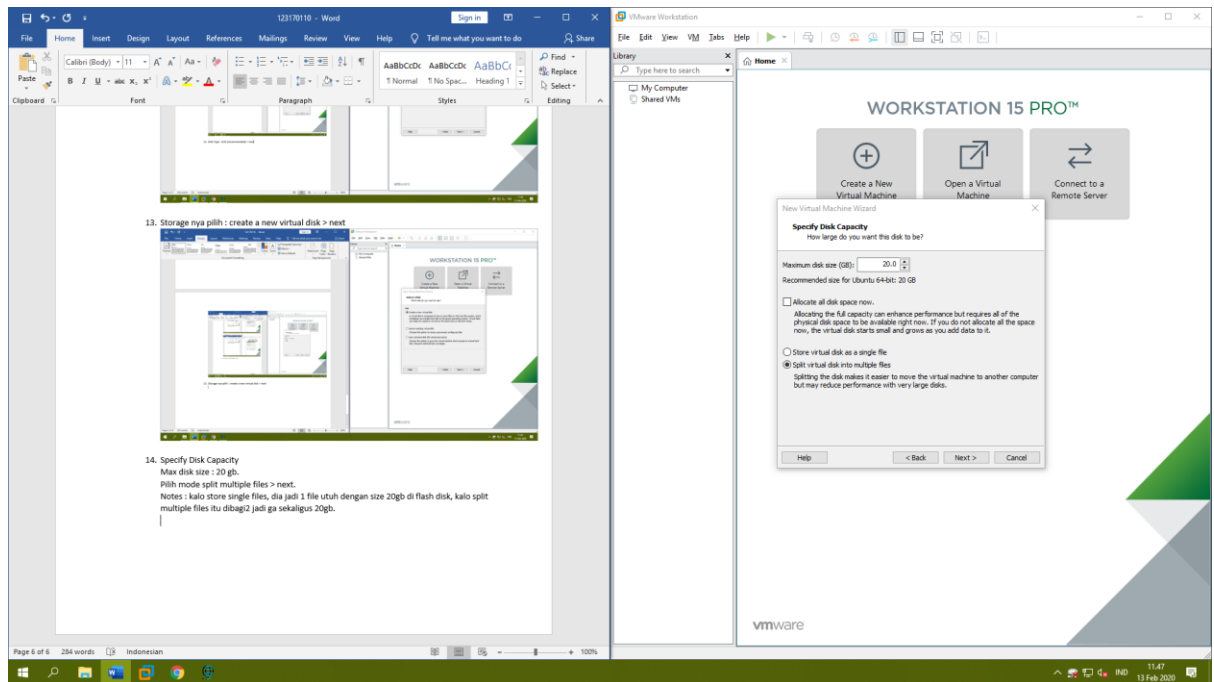


14. Specify Disk Capacity

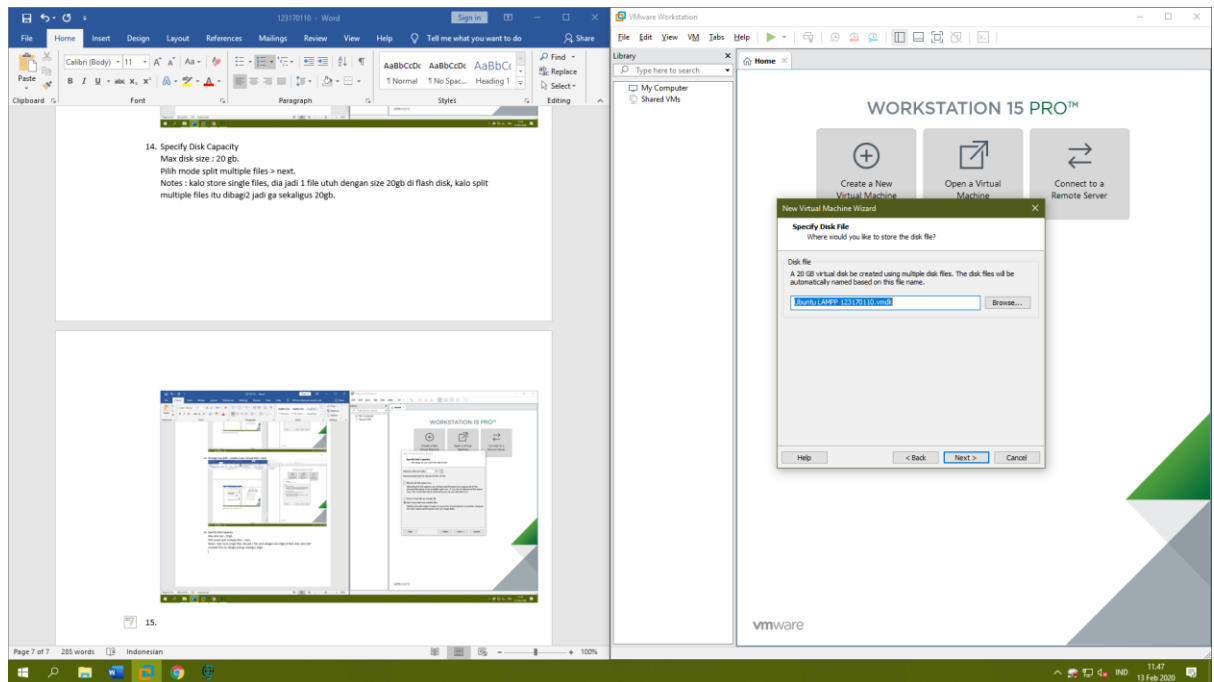
Max disk size : 20 gb.

Pilih mode split multiple files > next.

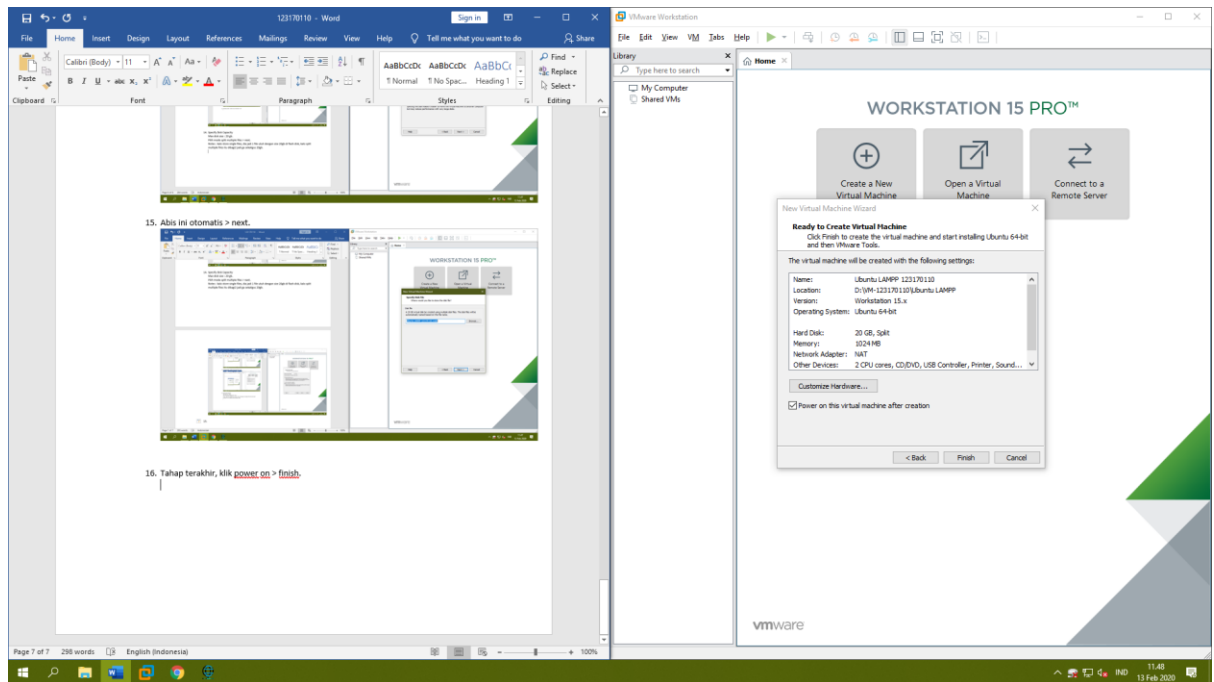
Notes : kalo store single files, dia jadi 1 file utuh dengan size 20gb di flash disk, kalo split multiple files itu dibagi2 jadi ga sekaligus 20gb.



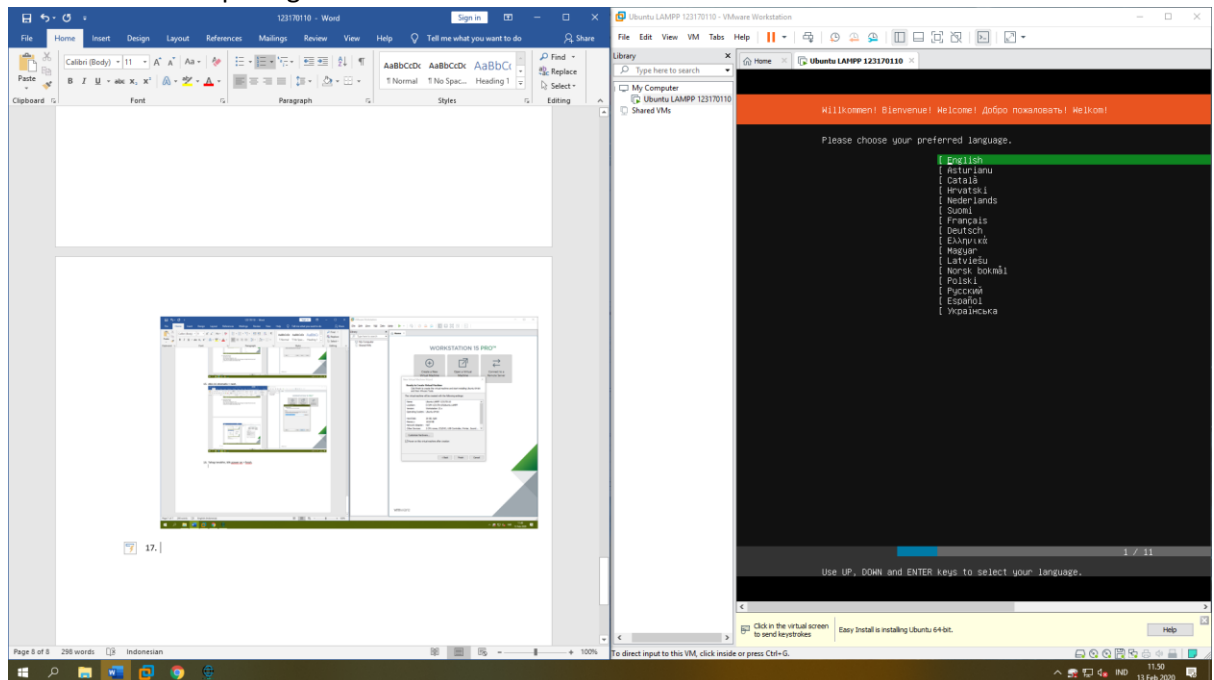
15. Abis ini otomatis > next.



16. Tahap terakhir, klik power on > finish.



17. Bakal muncul tampilan gini :

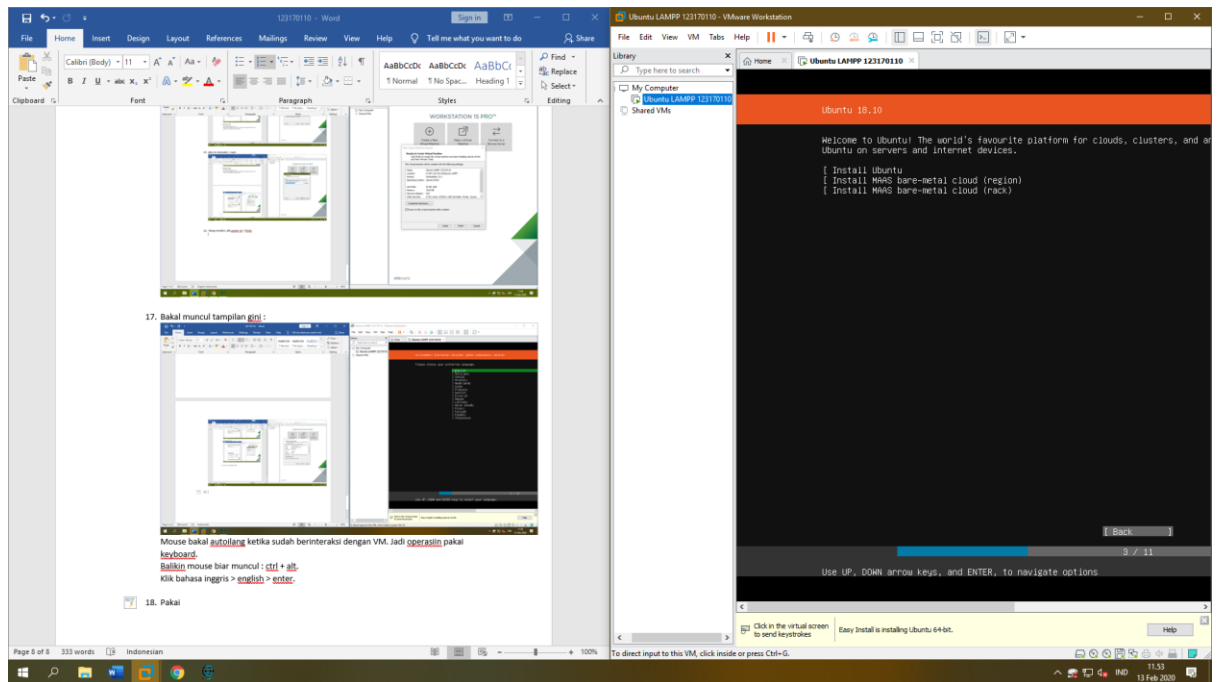


Mouse bakal autoilang ketika sudah berinteraksi dengan VM. Jadi operasiin pakai keyboard.

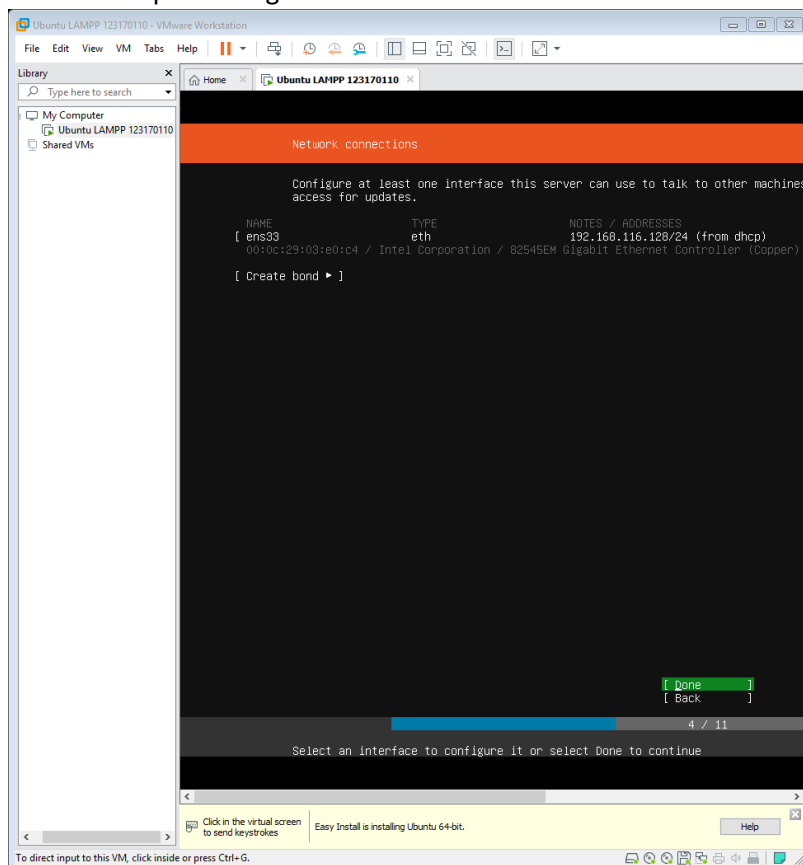
Balikin mouse biar muncul : ctrl + alt.

Klik bahasa inggris > english > enter.

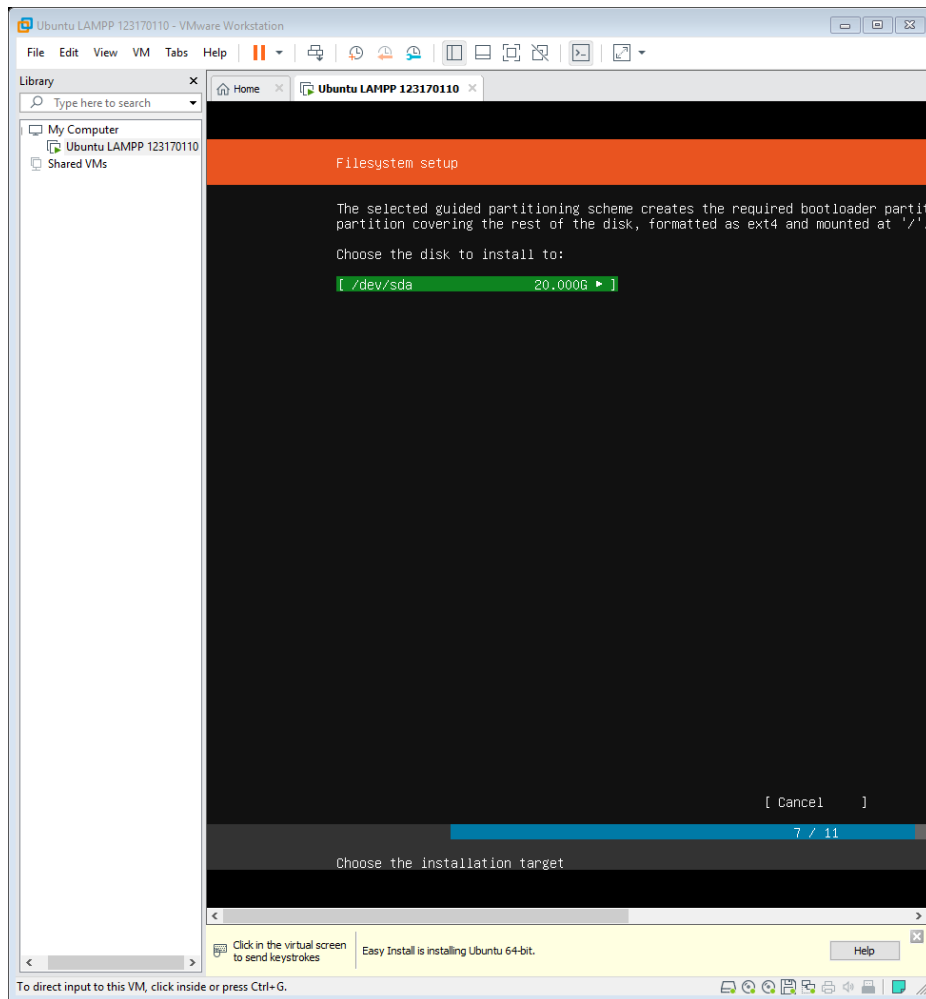
18. Pakai install ubuntu > enter.



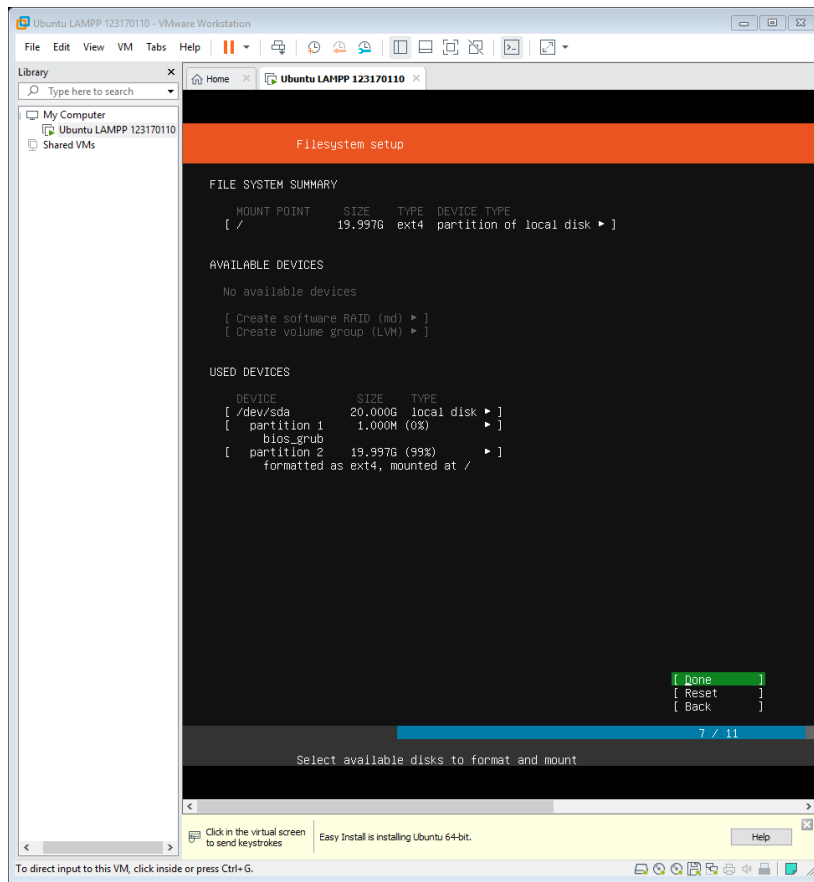
19. Muncul tampilan kek gini : > done.



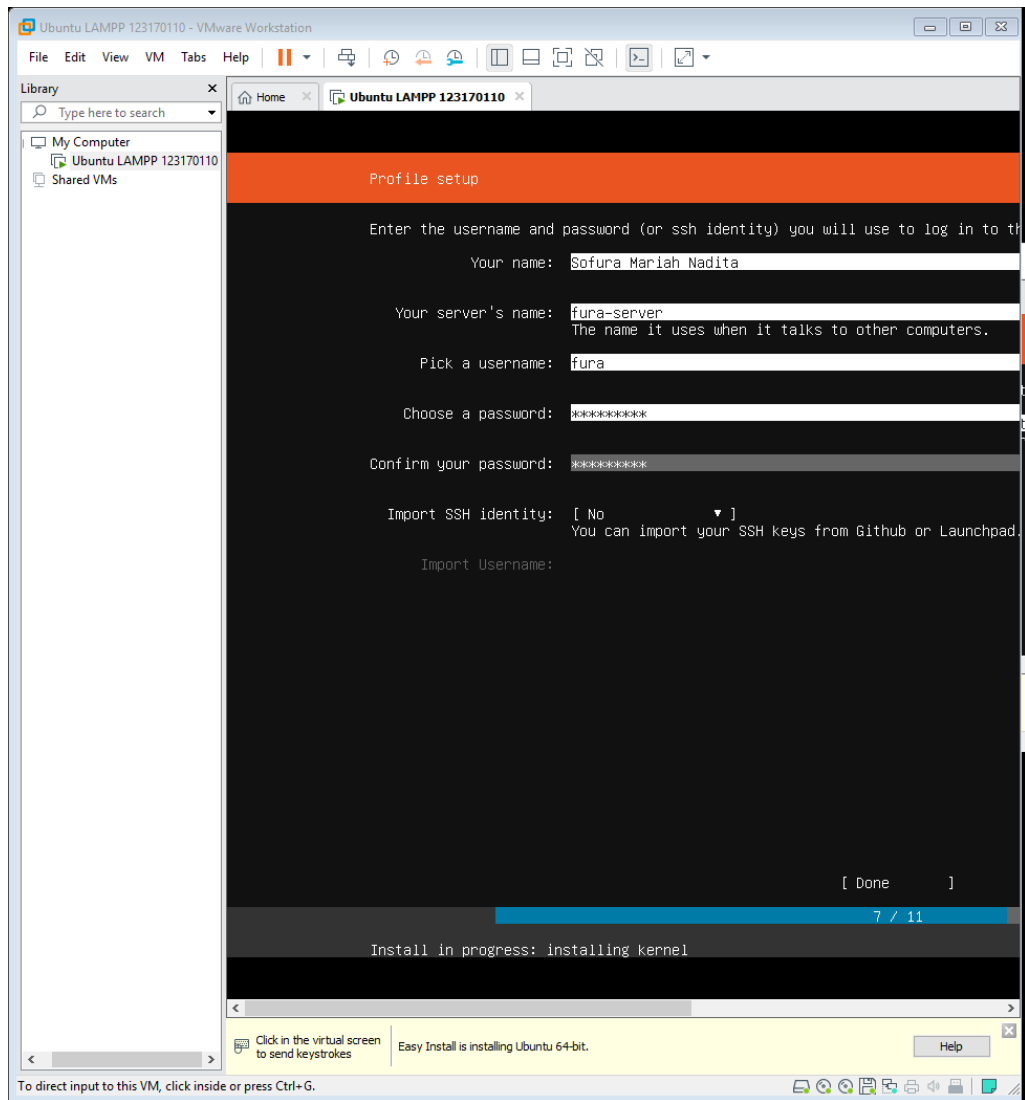
20. Klik entire disk > enter trs muncul : > enter.



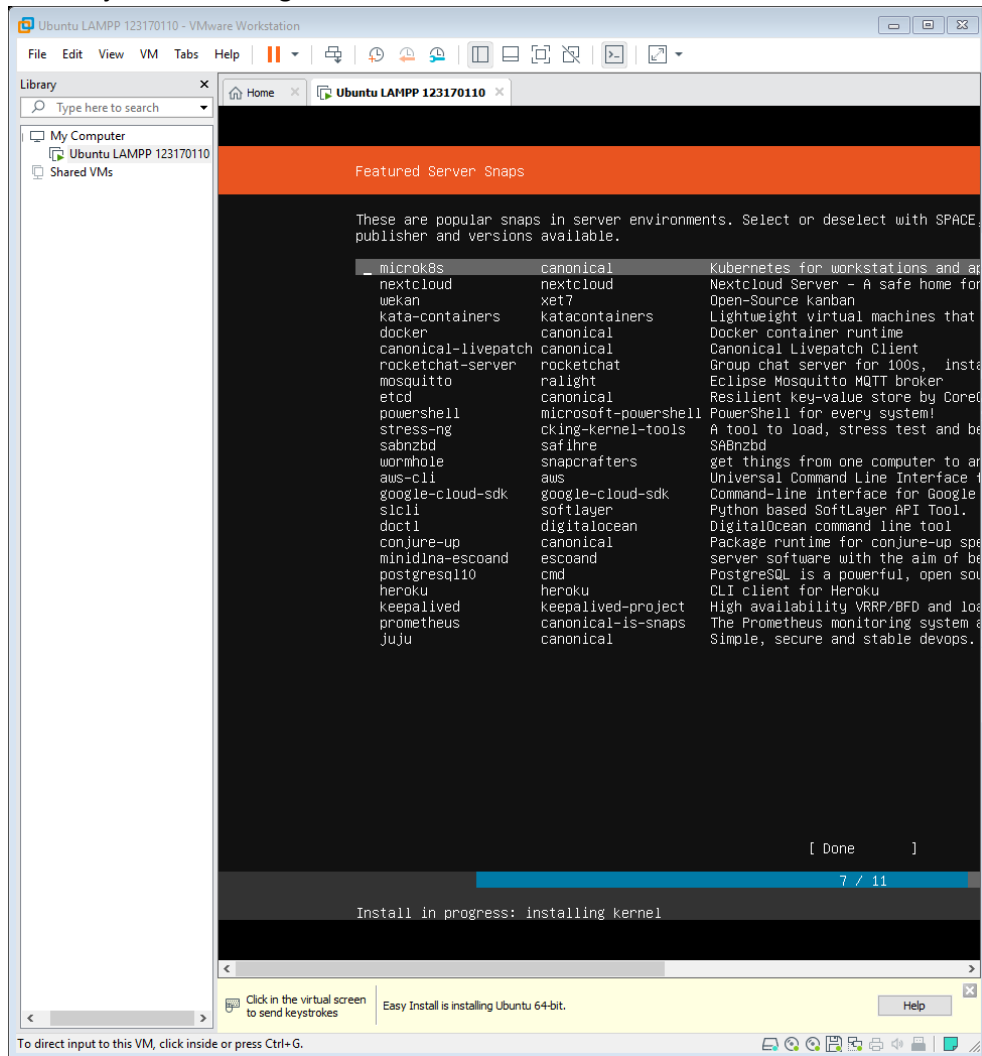
21. Muncul tampilan kek gini : done saja.



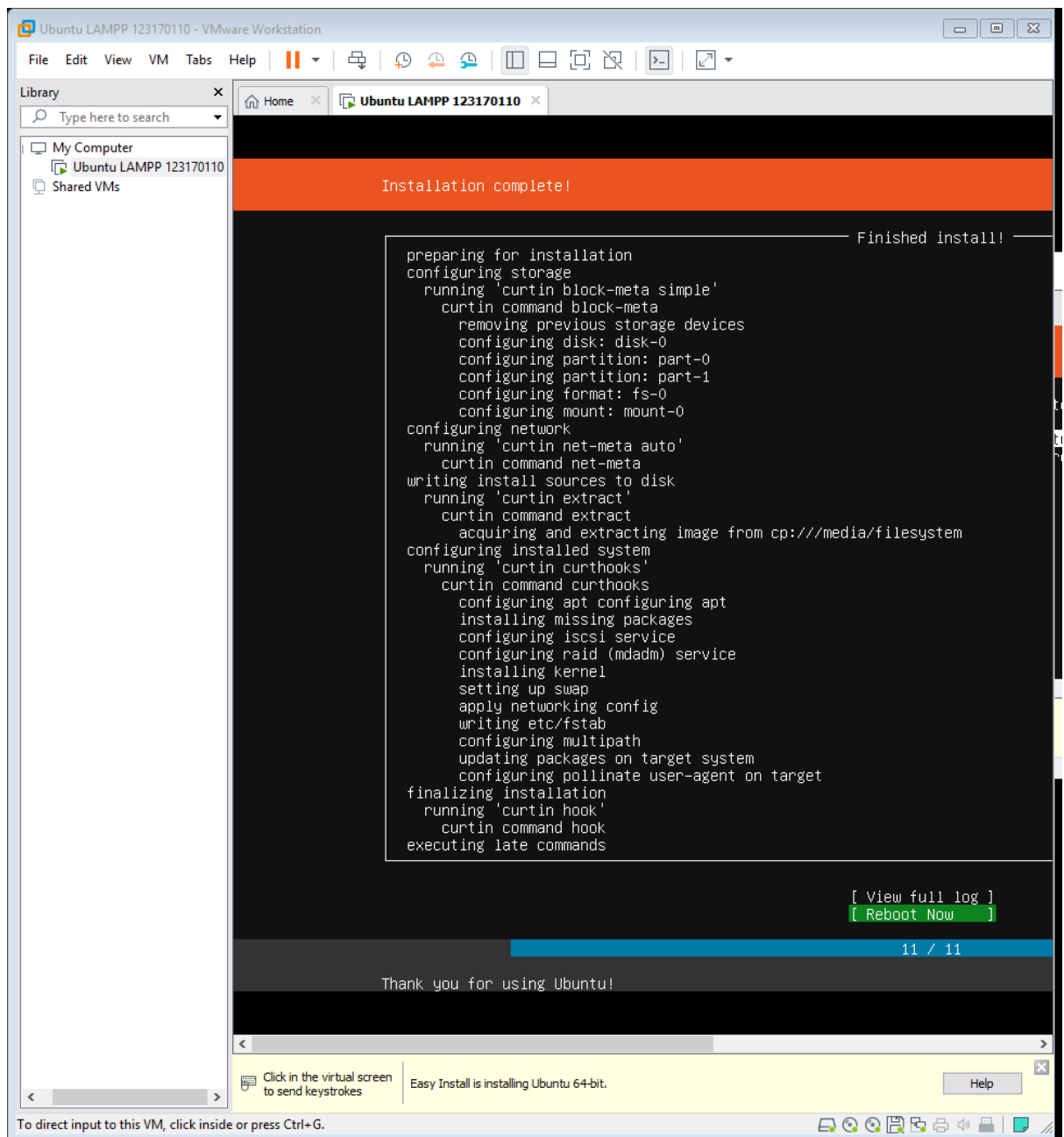
22. Isi data : > next muncul.



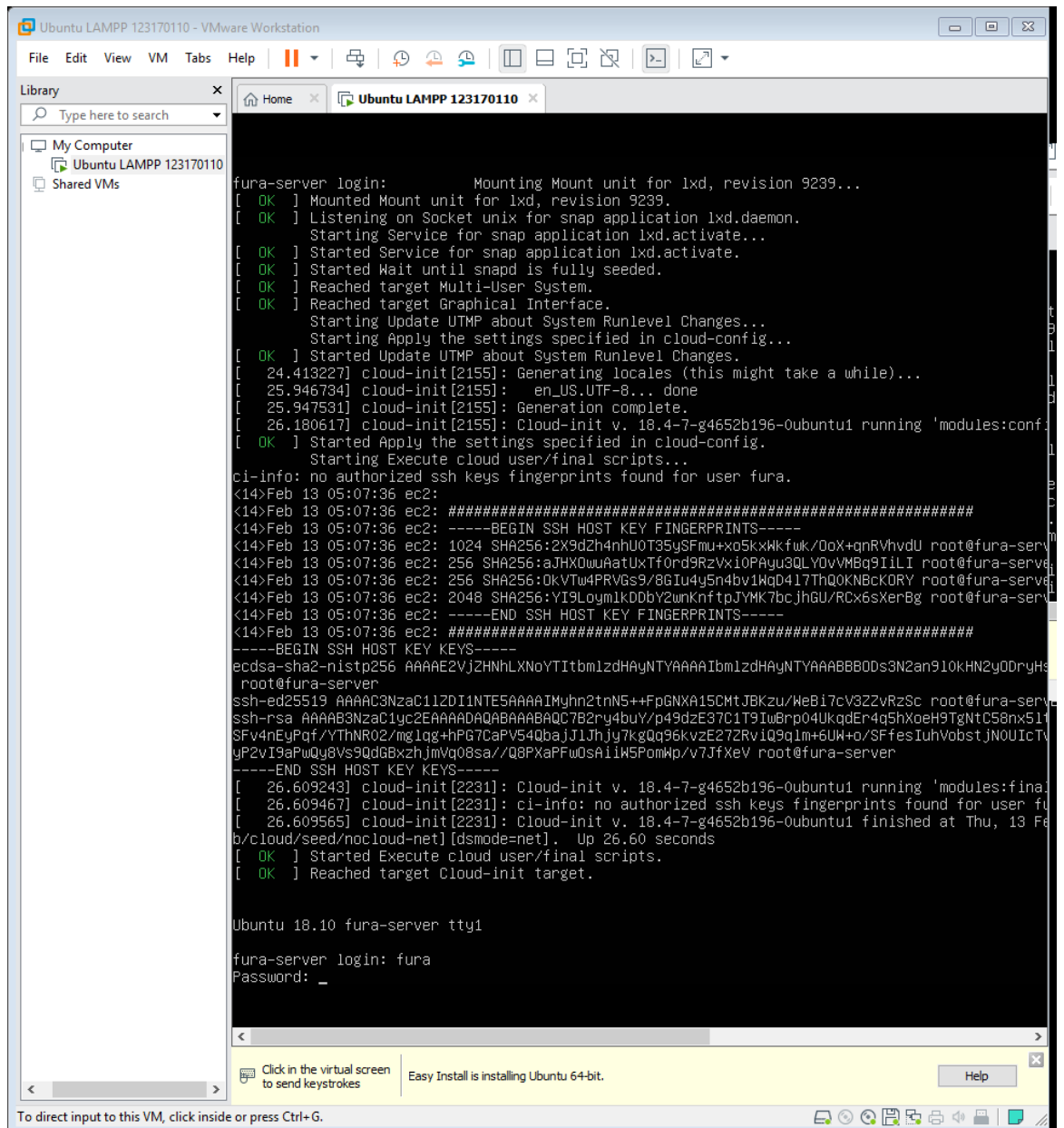
23. Enter saja trs keliatan gini > done.



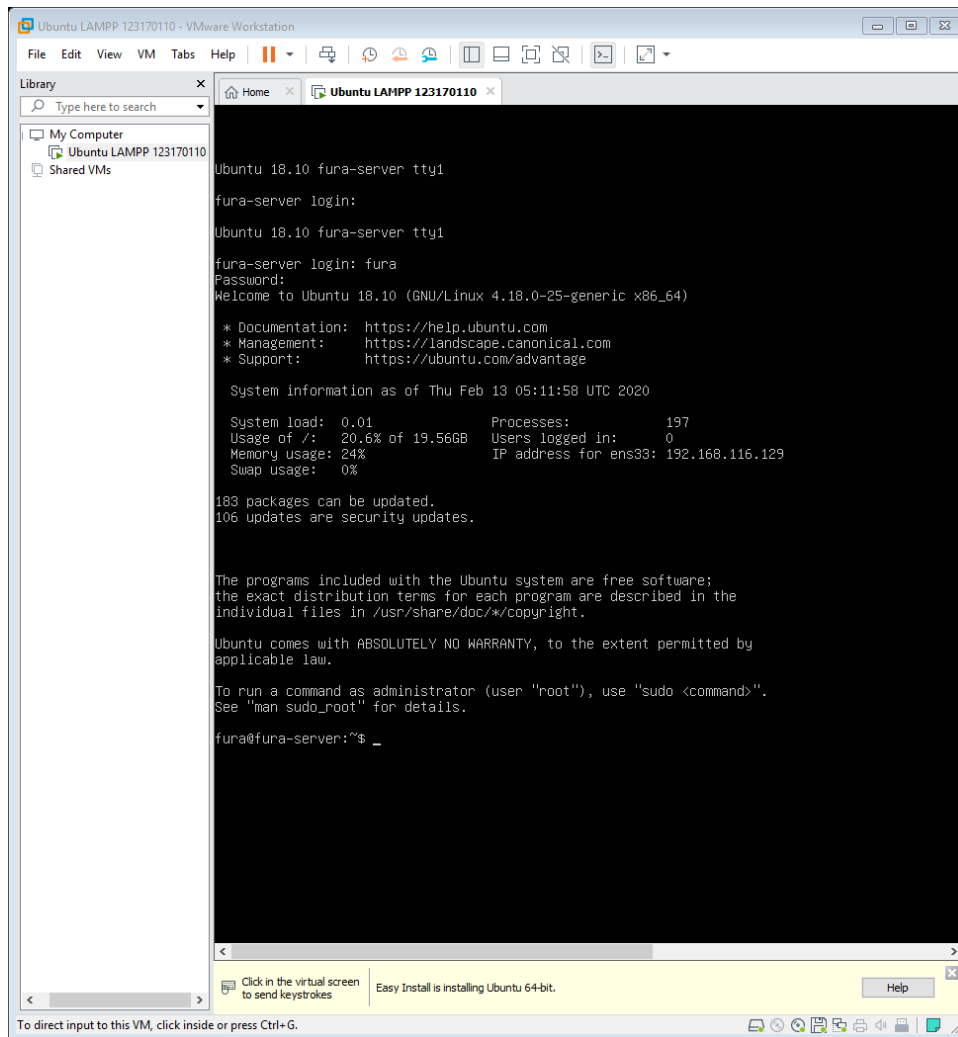
24. Bakal ngeload sampe muncul "reboot now"



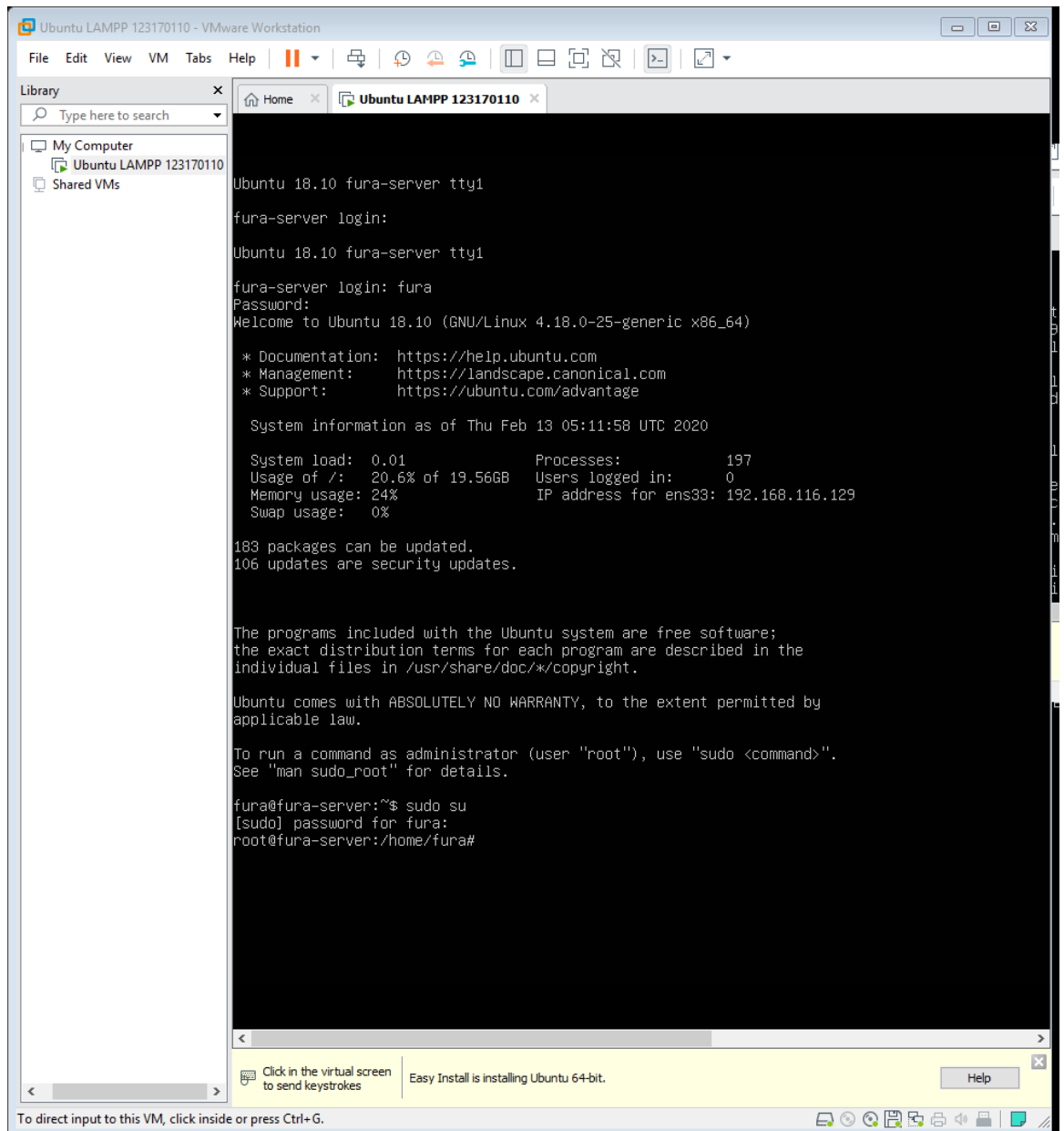
25. Abis itu muncul banyak bet tulisan. Sampe muncul "reached target cloud-init target". > enter.



27. Muncul tampilan dashboard namanya : MOTD.



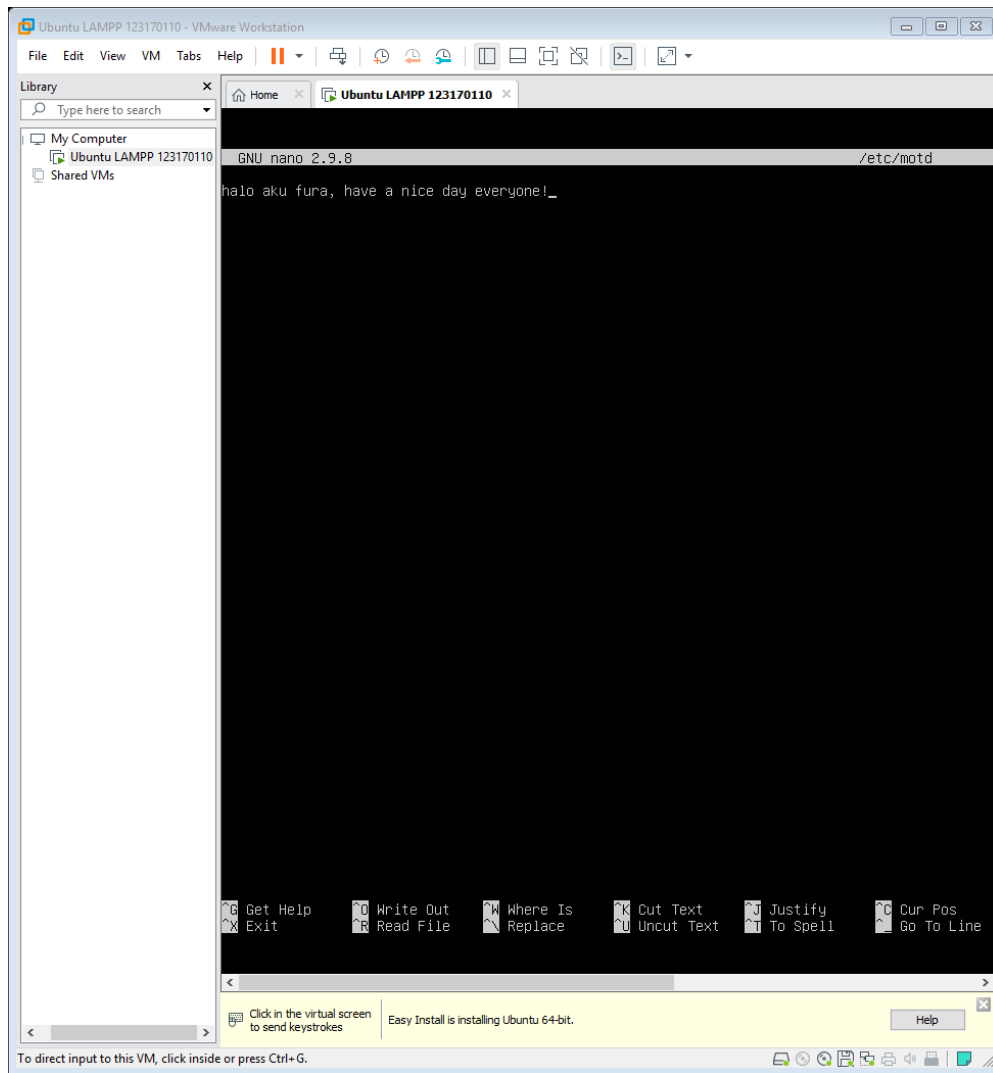
28. Cara pindah ke hak akses lebih lengkap (root), ketik : `sudo su` > input passwordku : 123170110 > muncul `"root@fura-server:/home/fura#"`



Notes :

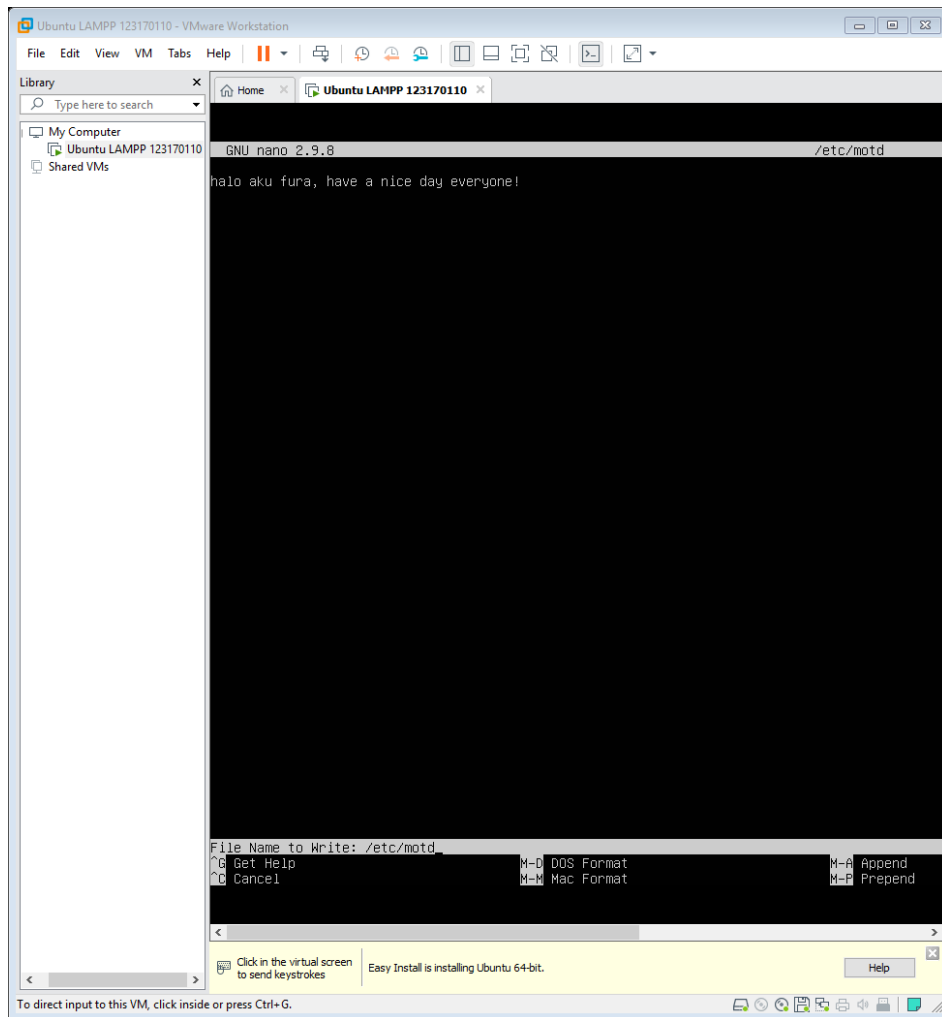
Routes itu kayak administrator tertingginya si ubuntu. Biar dapat izin admin.

29. Kalo mau ubah motd, pesennya kesimpn pada berkas MOTD di direktori etc.
ketik : nano /etc/motd. Muncul gini gaes :

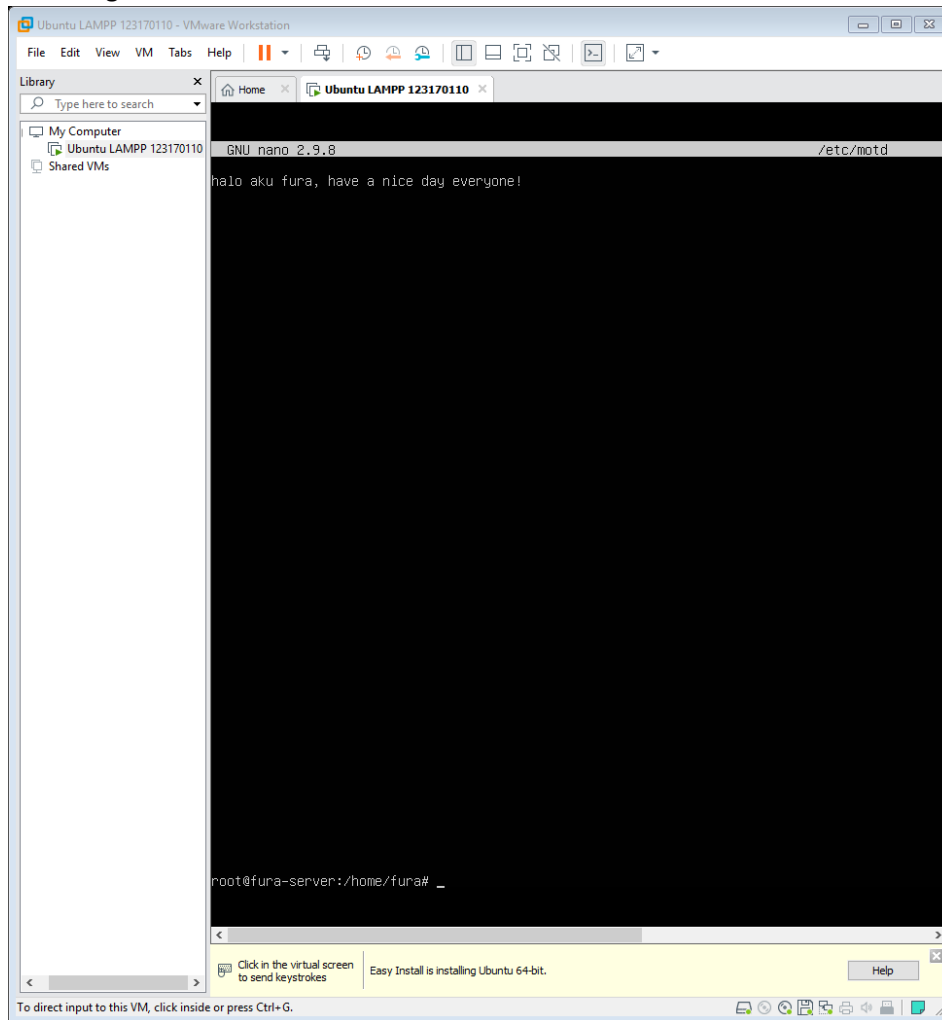


Ini kayak notepadnya windows di ubuntu.

30. Save dengan nano : ctrl + o > enter > muncul [wrote 1 line] > ctrl + x (buat exit)

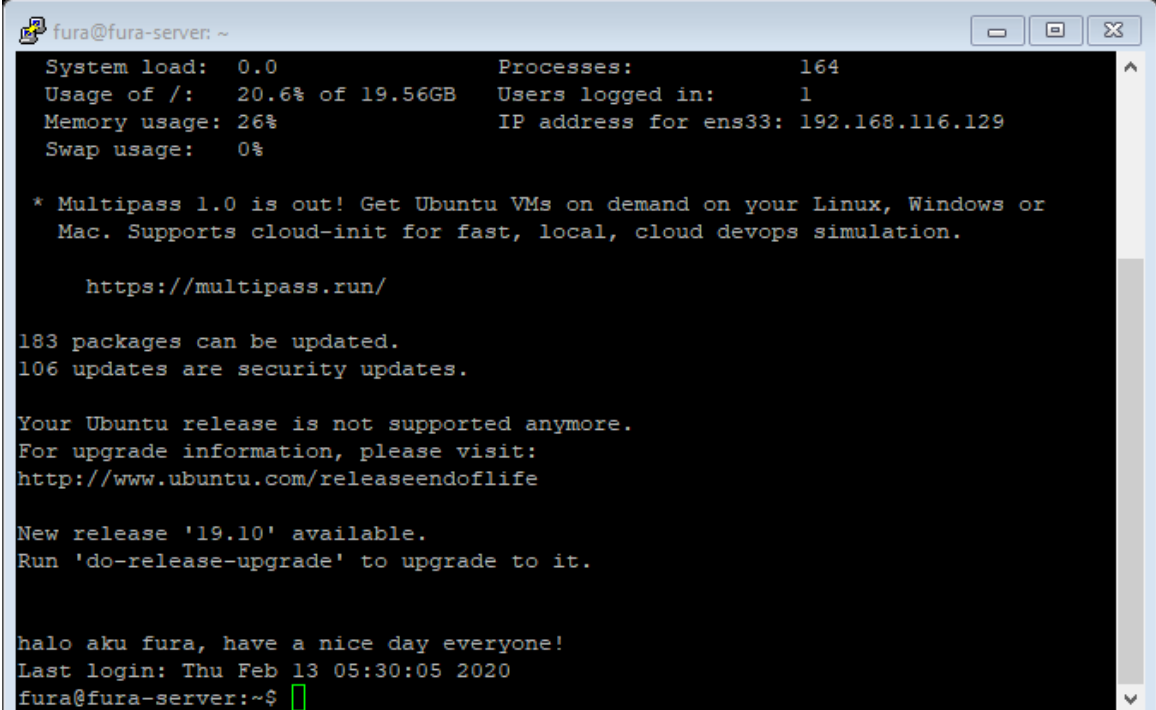


31. Muncul gini deh :



Notes : cara sampe logout ketik : exit

32. Kalo mau remote, dapetin ip di VM ketik : `ipconfig` > buka app PUTTY di windows, terus masukin ipnya dari yang di VM > YES > login w/ username + password.



```
fura@fura-server: ~  
System load: 0.0          Processes: 164  
Usage of /: 20.6% of 19.56GB  Users logged in: 1  
Memory usage: 26%          IP address for ens33: 192.168.116.129  
Swap usage: 0%  
  
* Multipass 1.0 is out! Get Ubuntu VMs on demand on your Linux, Windows or  
  Mac. Supports cloud-init for fast, local, cloud devops simulation.  
  
  https://multipass.run/  
  
183 packages can be updated.  
106 updates are security updates.  
  
Your Ubuntu release is not supported anymore.  
For upgrade information, please visit:  
http://www.ubuntu.com/releaseendoflife  
  
New release '19.10' available.  
Run 'do-release-upgrade' to upgrade to it.  
  
halo aku fura, have a nice day everyone!  
Last login: Thu Feb 13 05:30:05 2020  
fura@fura-server:~$
```

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NIM : 123170110

1. Apa yang Anda ketahui dari hosting local tanpa cloud ?
Hosting local tidak bisa terakses oleh perangkat yang tidak tergabung pada jaringan yang sama
2. Jj
3. Apakah hosting itu gratis ?
Tidak selalu.