

Tutorial Instalasi Debian 12 di Virtualbox

Alat dan Bahan

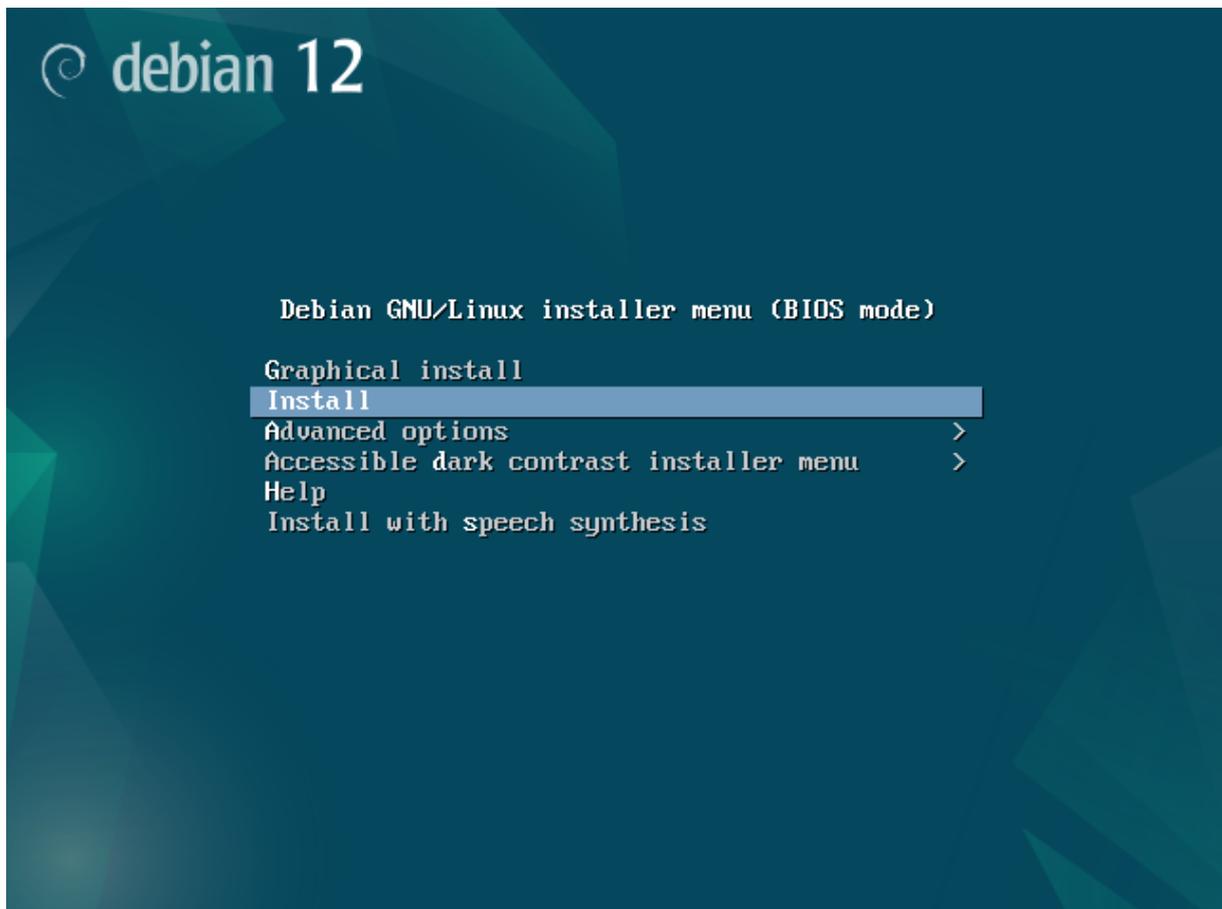
- ISO Debian
- Virtualbox
- Koneksi Internet

Pra Instalasi

1. Tambahkan ISO ke slot storage VM
2. Hidupkan VM
3. Matikan internet VM dengan cara klik kanan logo internet vm kemudian nonaktifkan interface yang tersambung

Instalasi

1. Pilih menu Install



2. Pilih bahas Inggris

[!!] Select a language

Choose the language to be used for the installation process. The selected language will also be the default language for the installed system.

Language:

C	- No localization
Albanian	- Shqip
Arabic	- عربي
Asturian	- Asturianu
Basque	- Euskara
Belarusian	- Беларуская
Bosnian	- Bosanski
Bulgarian	- Български
Catalan	- Català
Chinese (Simplified)	- 中文(简体)
Chinese (Traditional)	- 中文(繁體)
Croatian	- Hrvatski
Czech	- Čeština
Danish	- Dansk
Dutch	- Nederlands
English	- English
Esperanto	- Esperanto
Estonian	- Eesti
Finnish	- Suomi
French	- Français
Galician	- Galego
Georgian	- ქართული
German	- Deutsch

<Go Back>

<Tab> moves; <Space> selects; <Enter> activates buttons

3. Pilih area Other

[!!] Select your location

The selected location will be used to set your time zone and also for example to help select the system locale. Normally this should be the country where you live.

This is a shortlist of locations based on the language you selected. Choose "other" if your location is not listed.

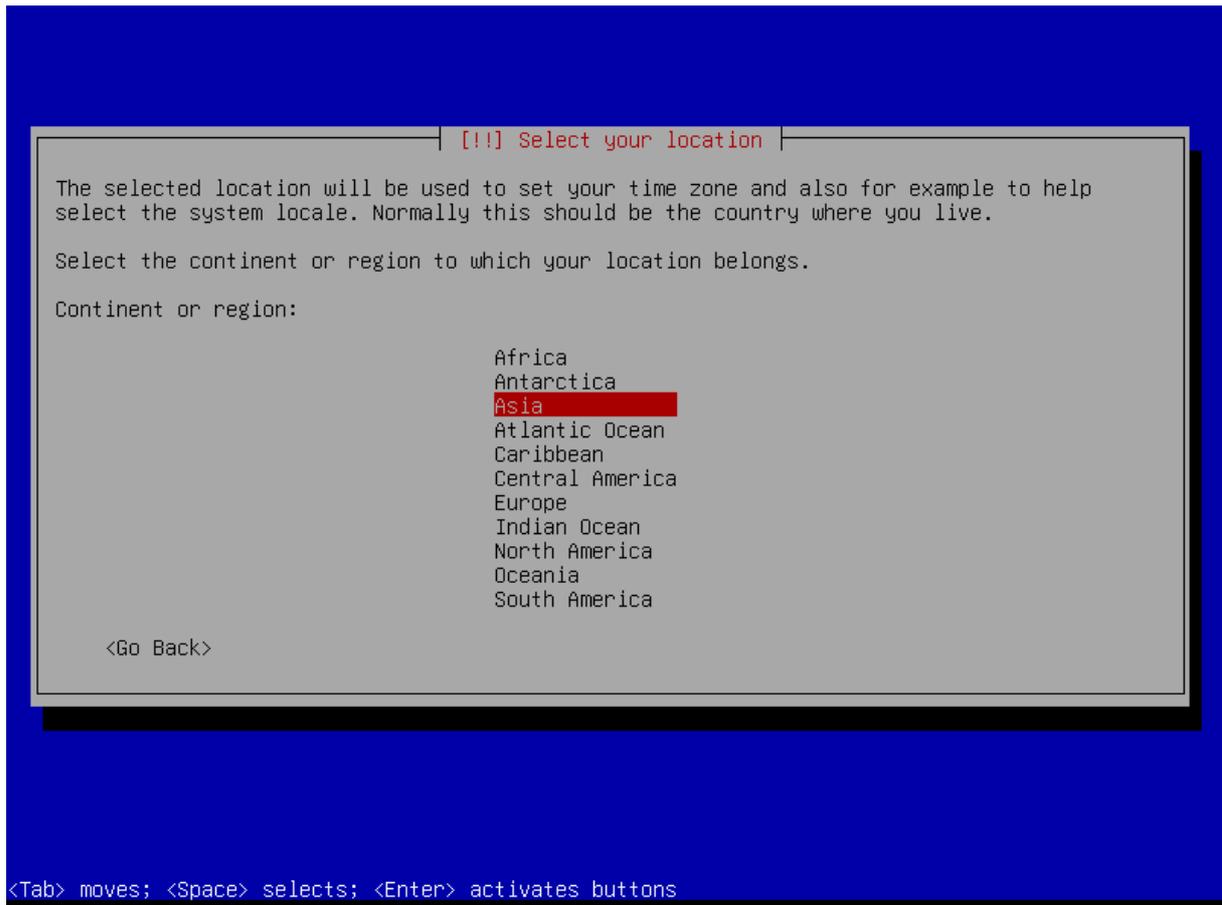
Country, territory or area:

- Antigua and Barbuda
- Australia
- Botswana
- Canada
- Hong Kong
- India
- Ireland
- Israel
- New Zealand
- Nigeria
- Philippines
- Seychelles
- Singapore
- South Africa
- United Kingdom
- United States
- Zambia
- Zimbabwe
- other

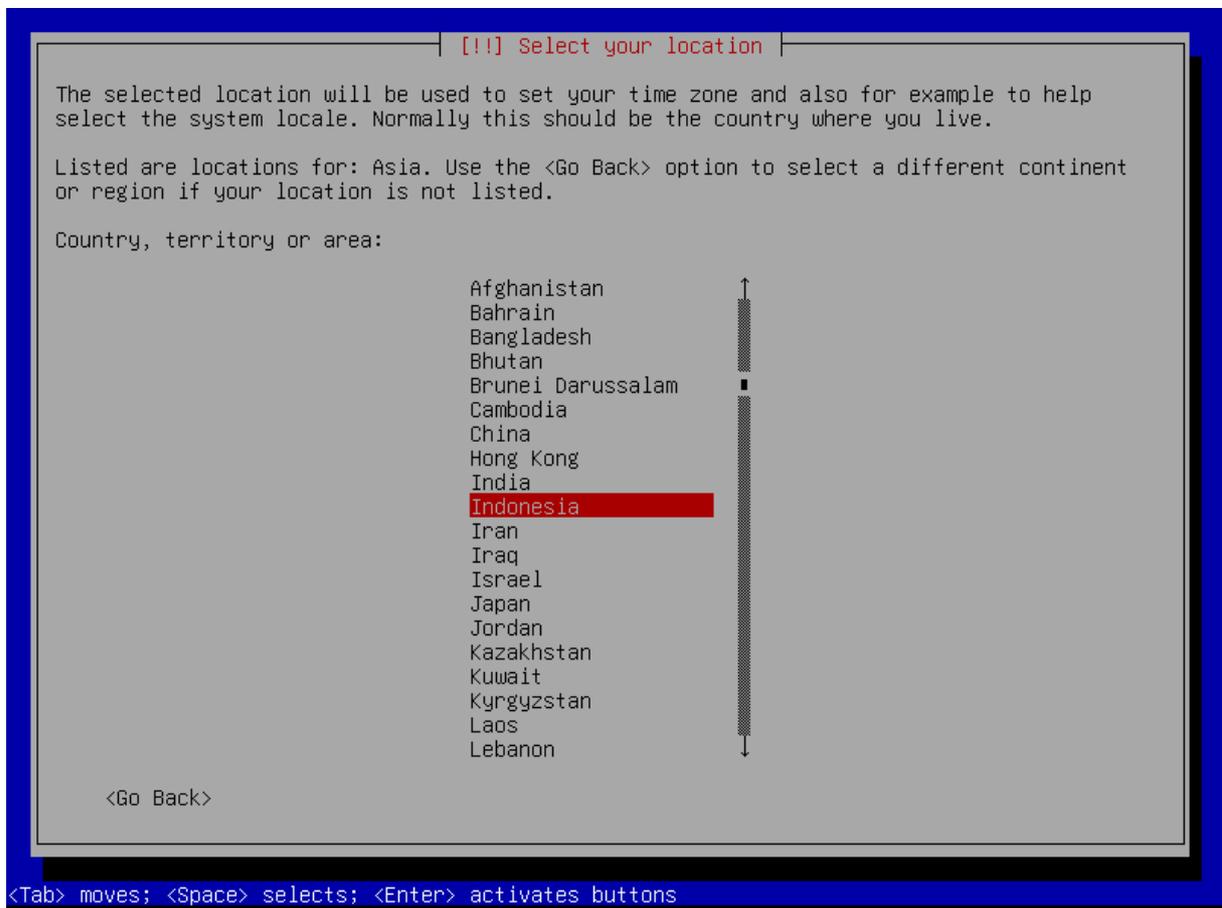
<Go Back>

<Tab> moves; <Space> selects; <Enter> activates buttons

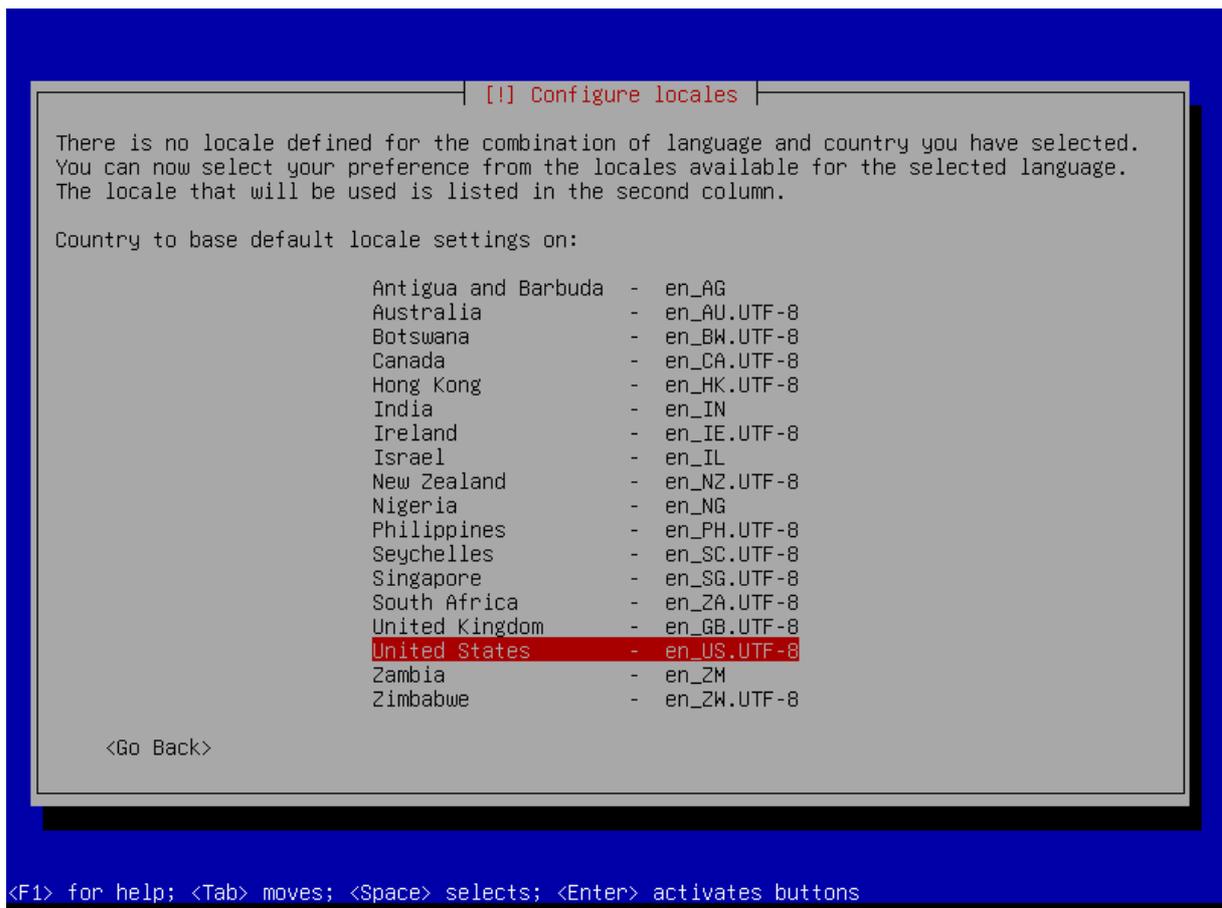
4. Pilih region asia



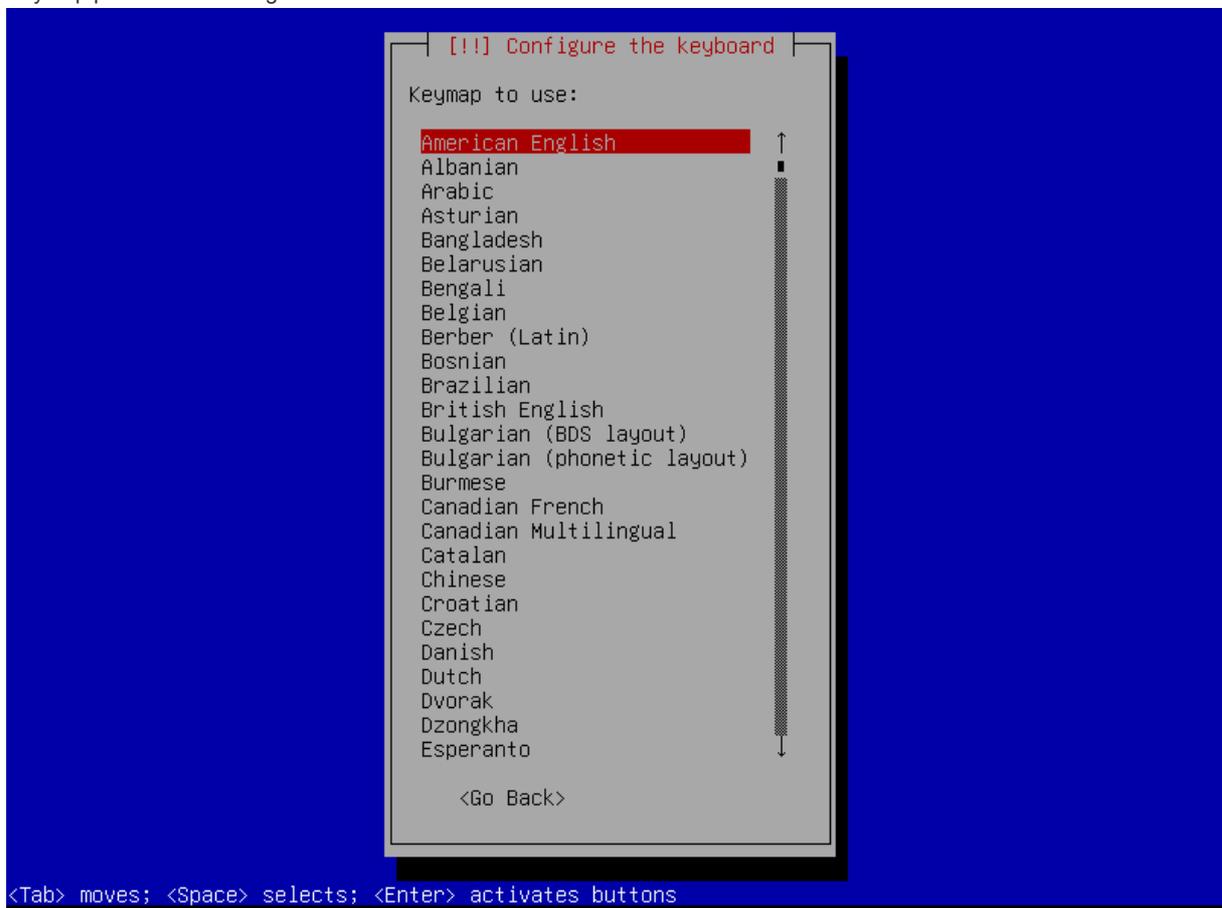
5. Pilih lokasi Indonesia



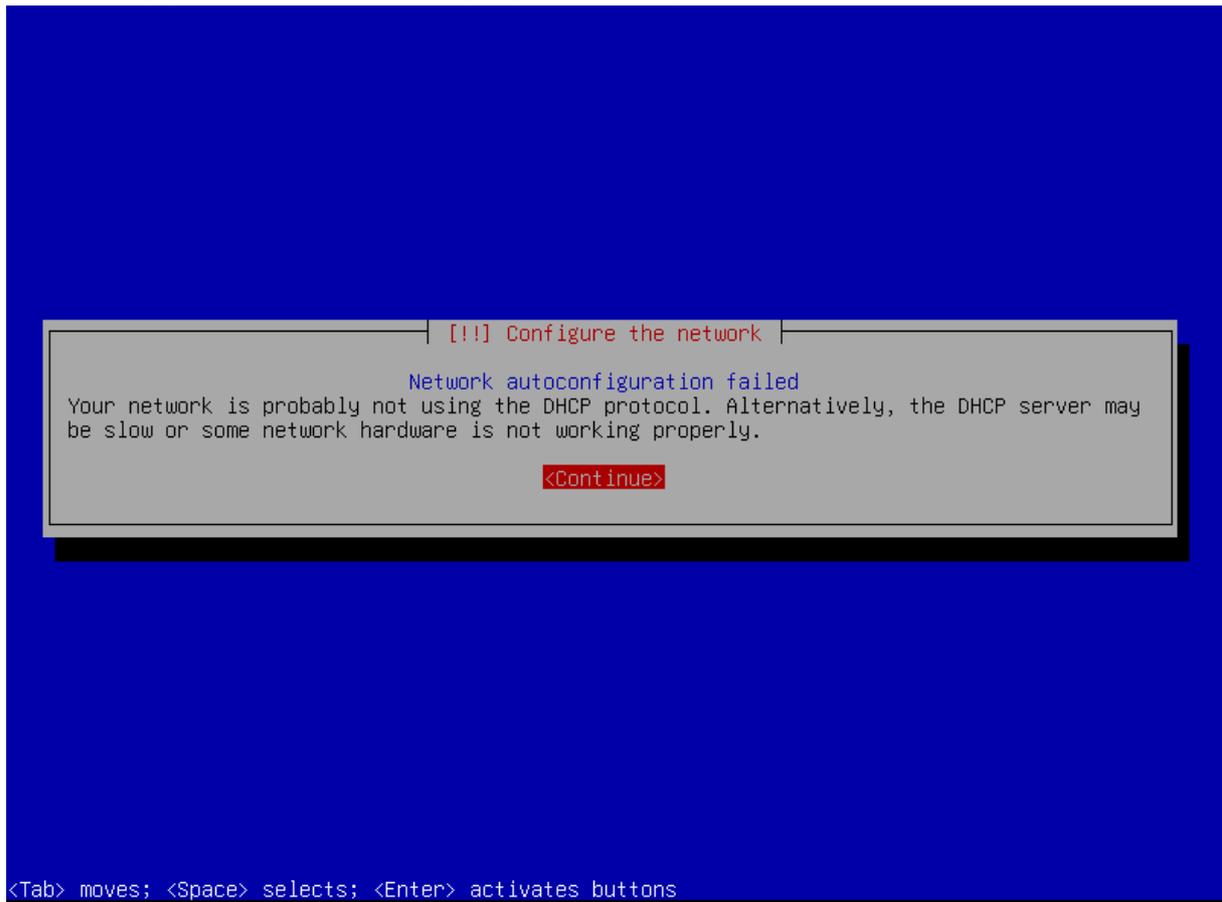
6. Pilih Locale US



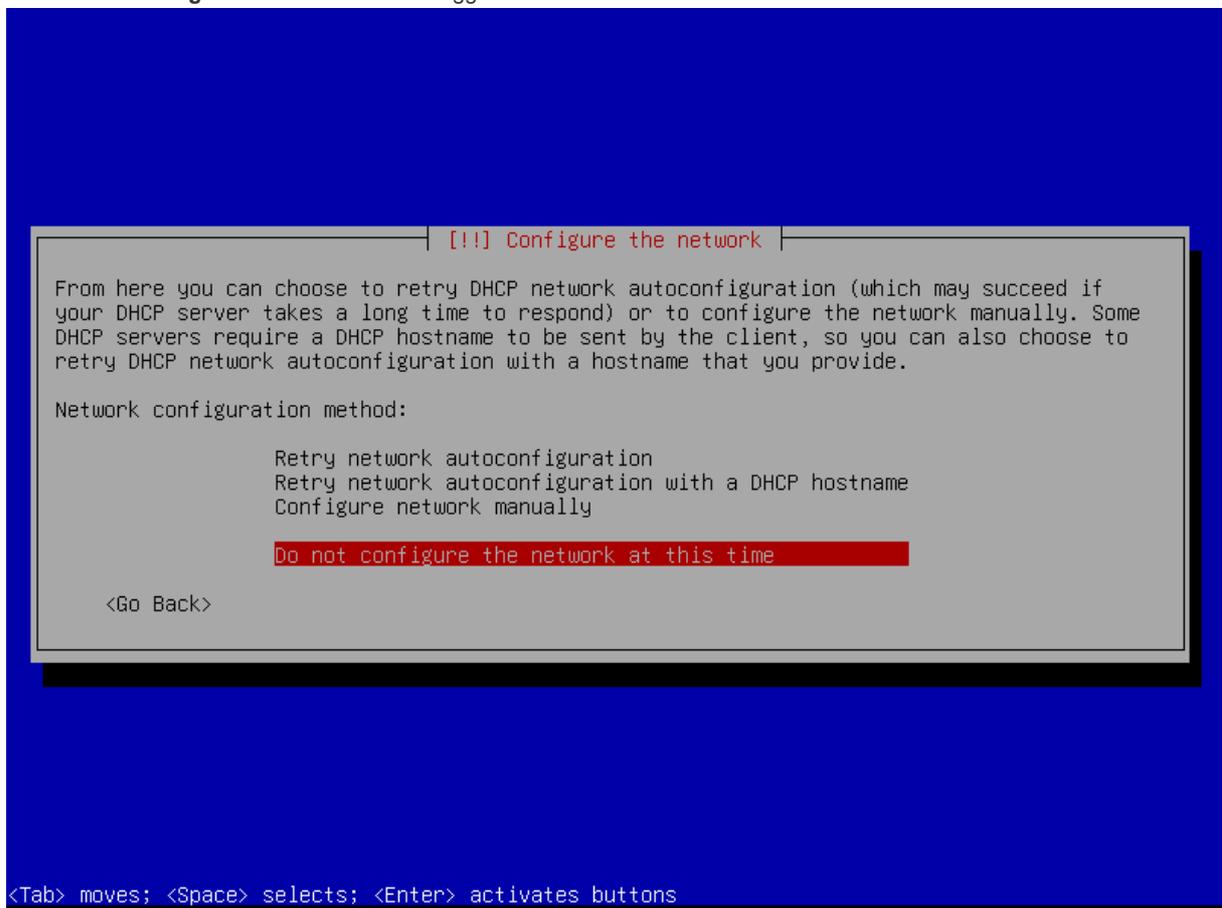
7. Keymap pilih American English



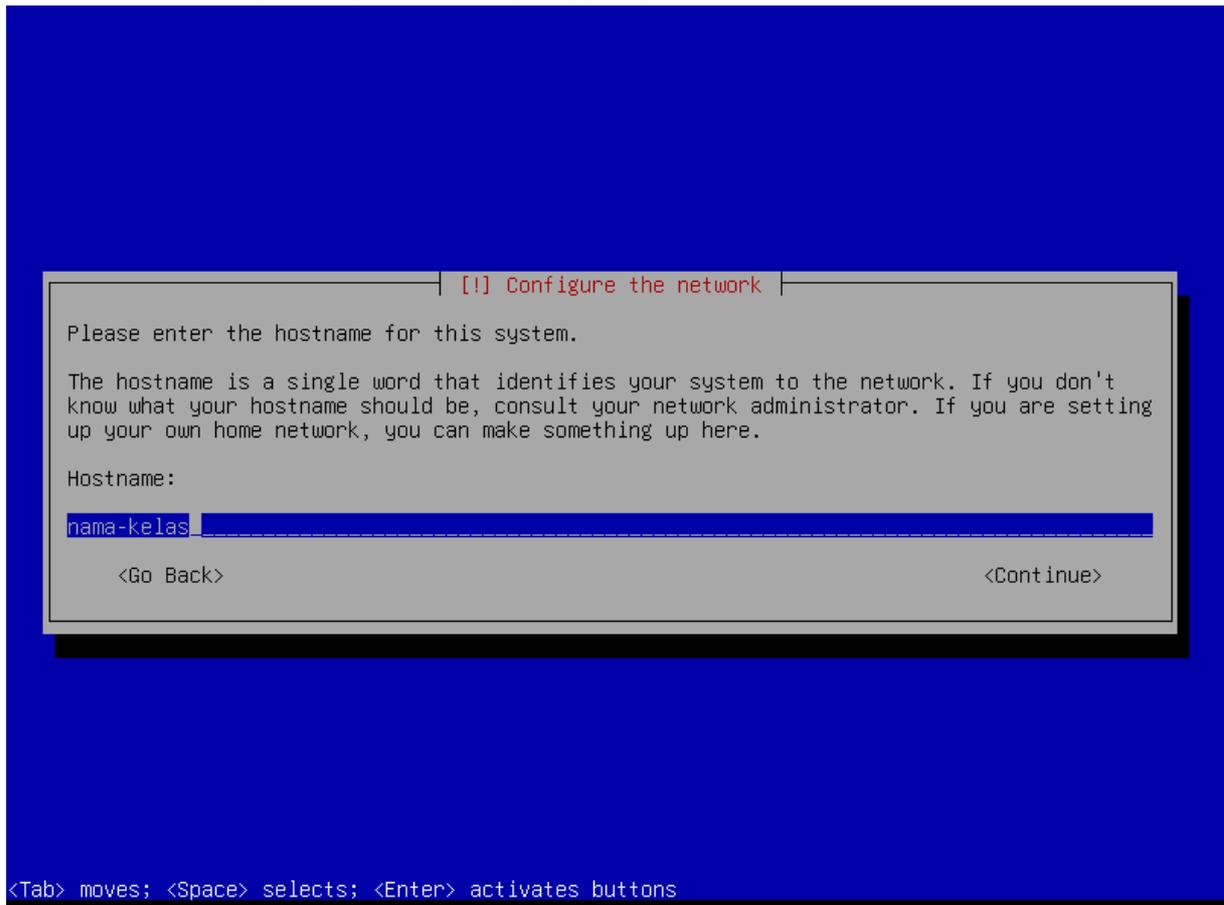
8. Installer akan gagal mendapatkan IP dhcp, langsung klik continue saja



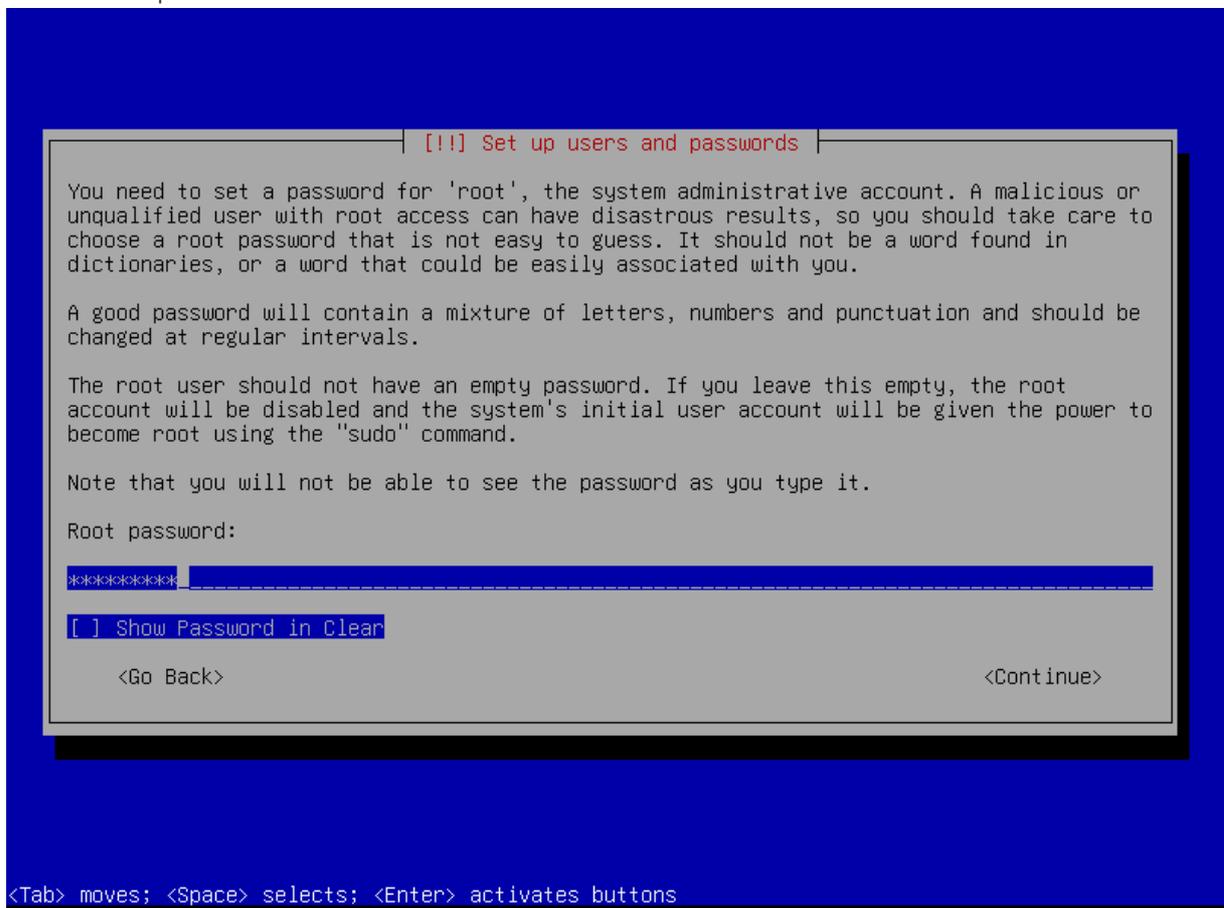
9. Pilih **Do not configure** karena kita tidak menggunakan internet



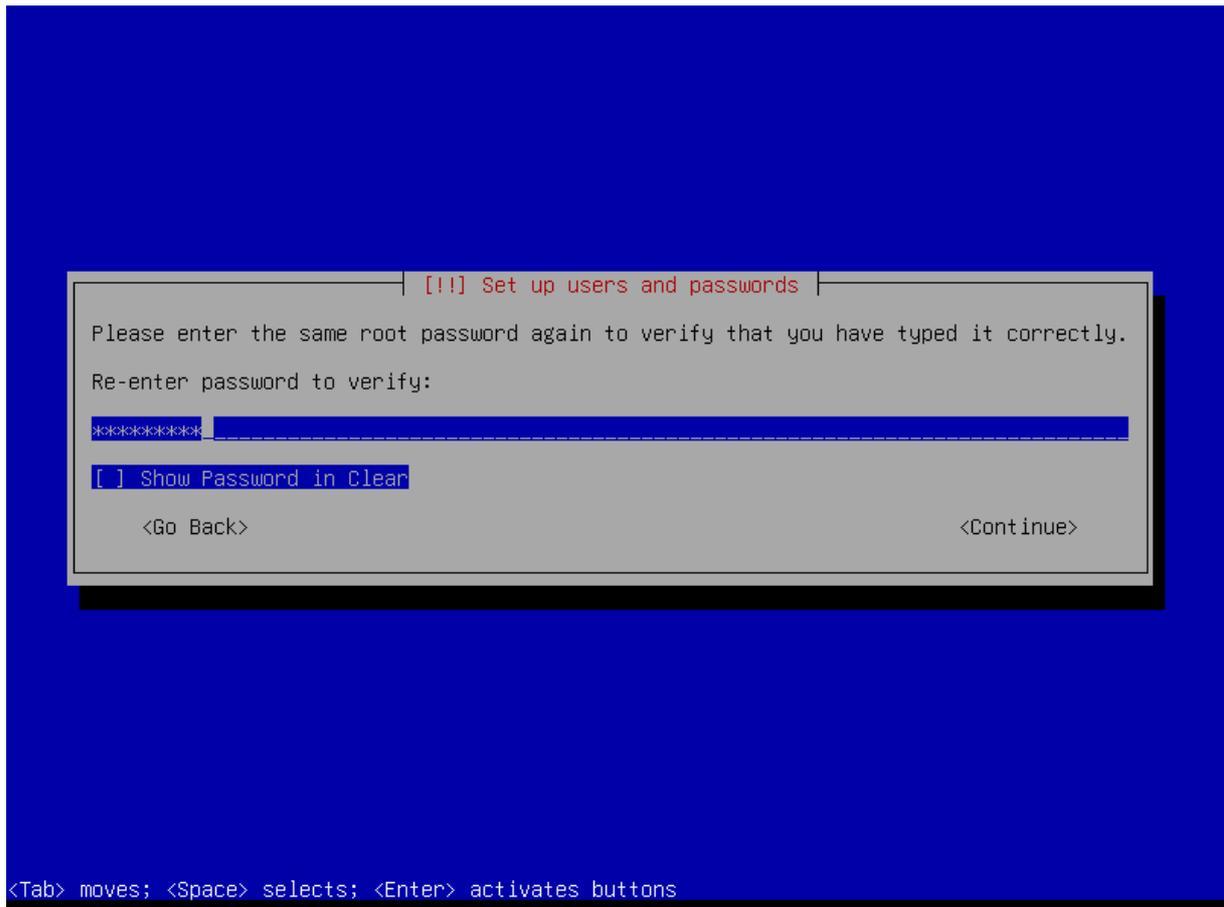
10. Konfigure Hostname dengan menggunakan format [nama]-[kelas]



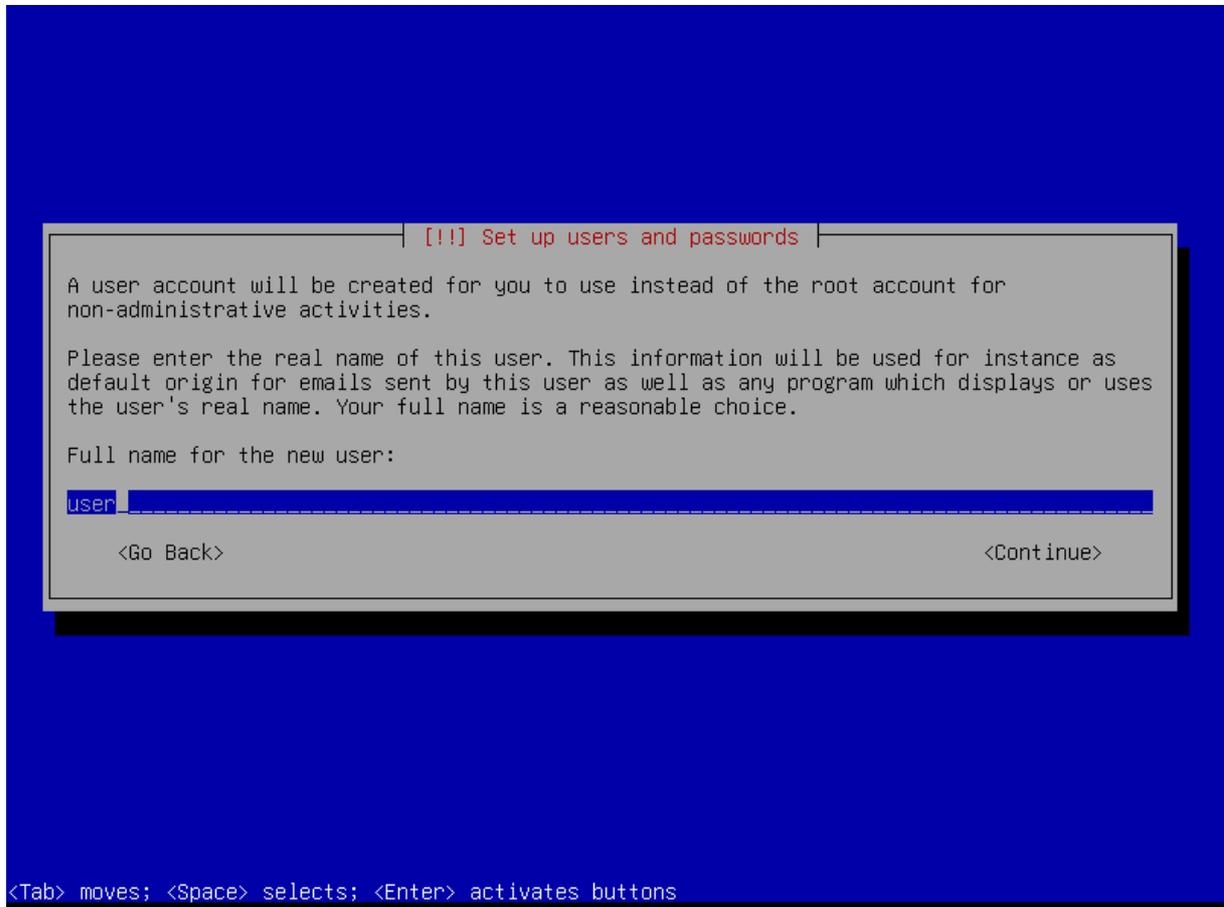
11. Masukkan root password



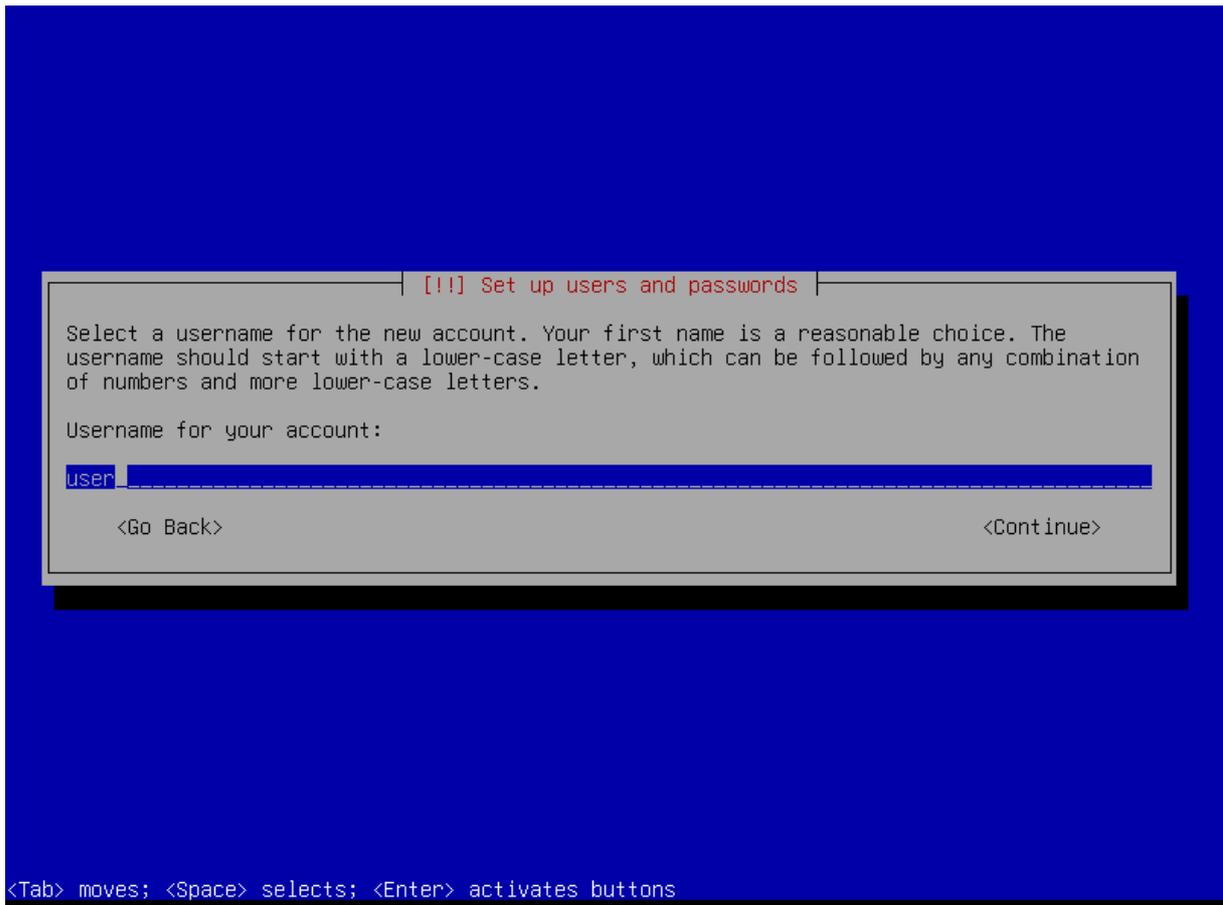
12. Konfirmasi root password



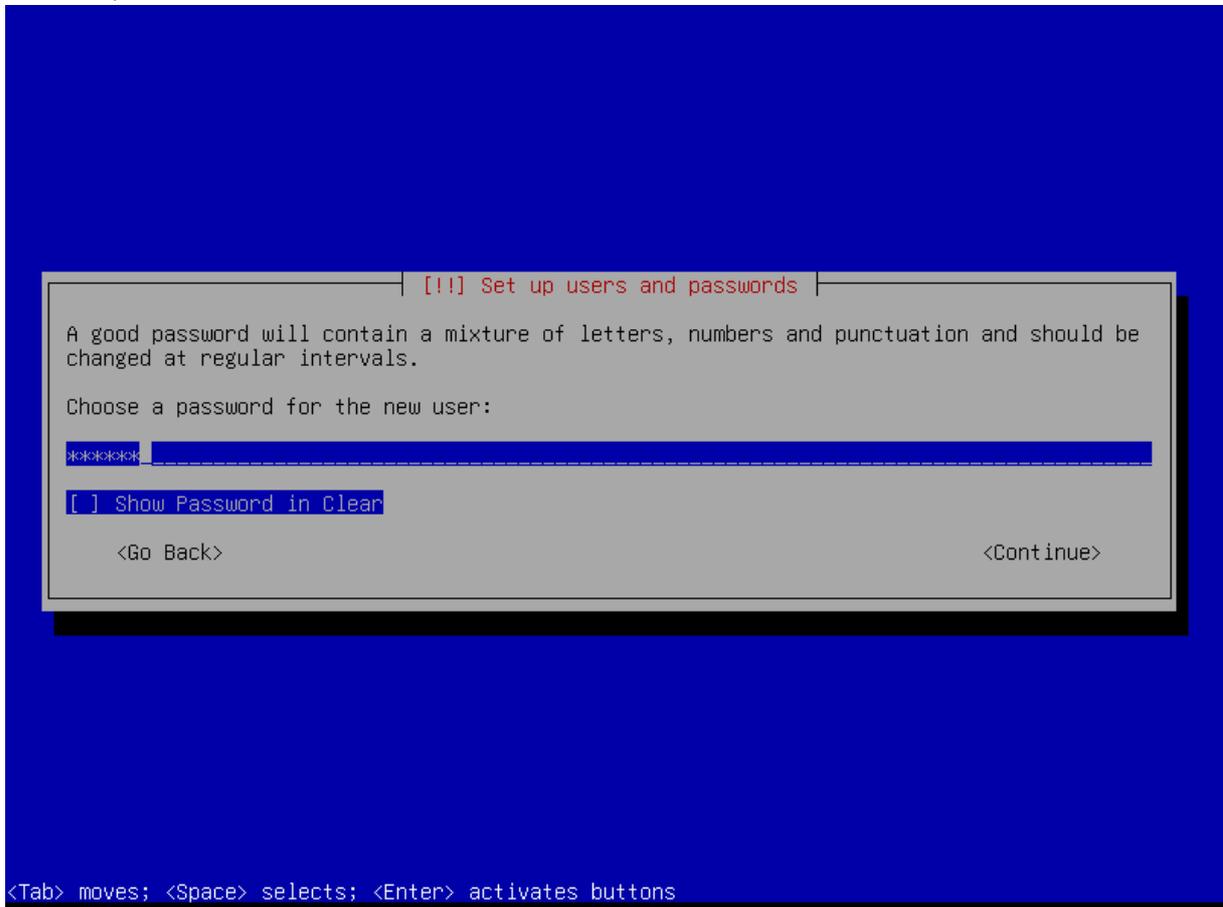
13. Masukkan nama non-root user



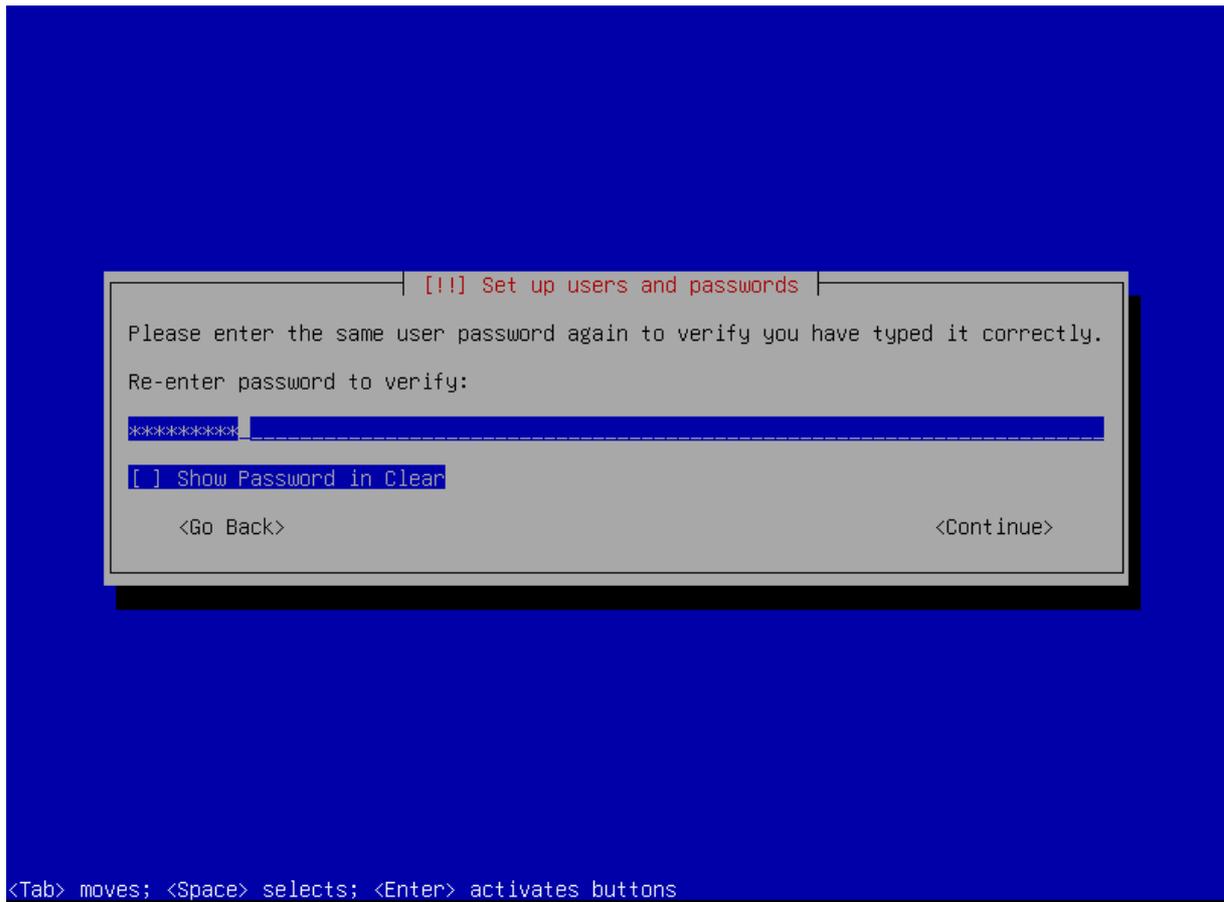
14. Masukkan username non-root user



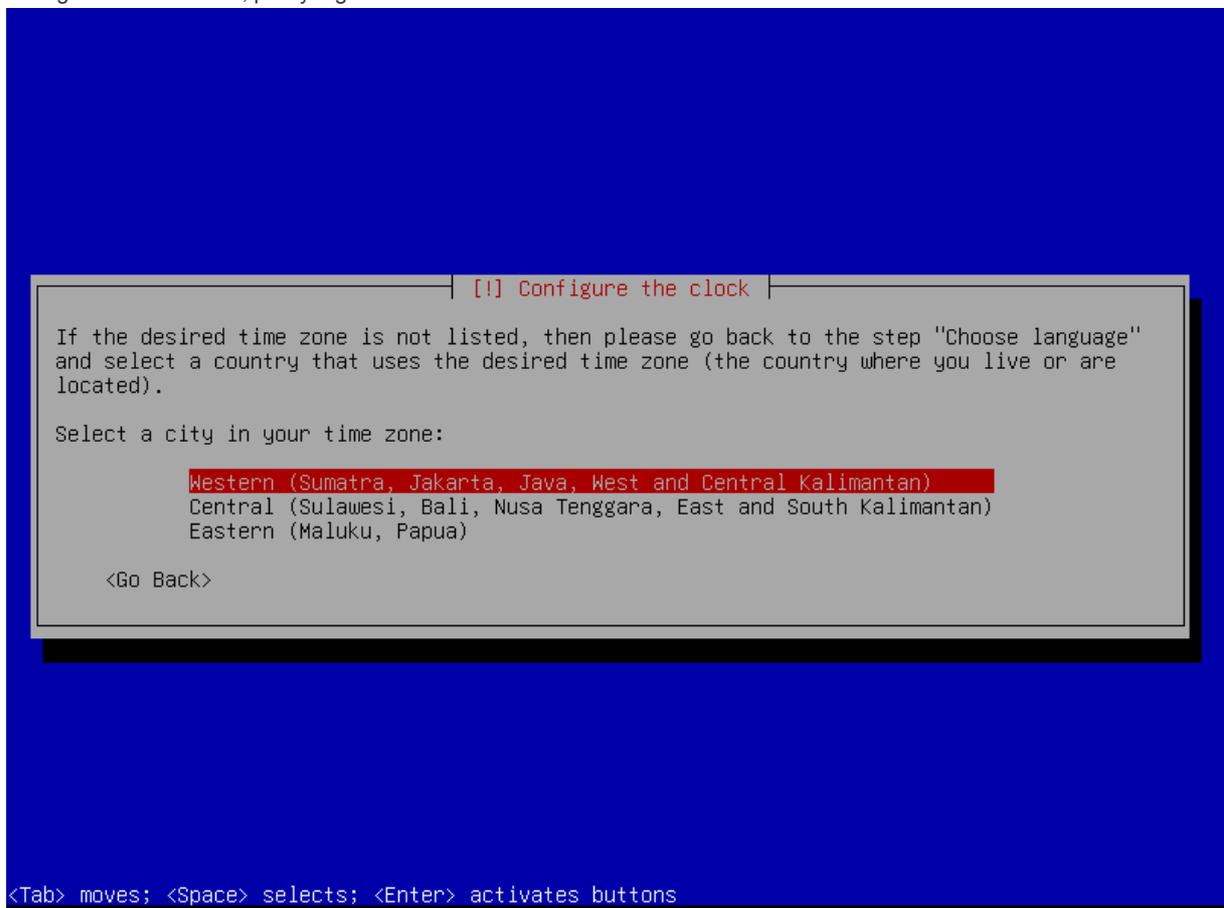
15. Masukkan password non-root user



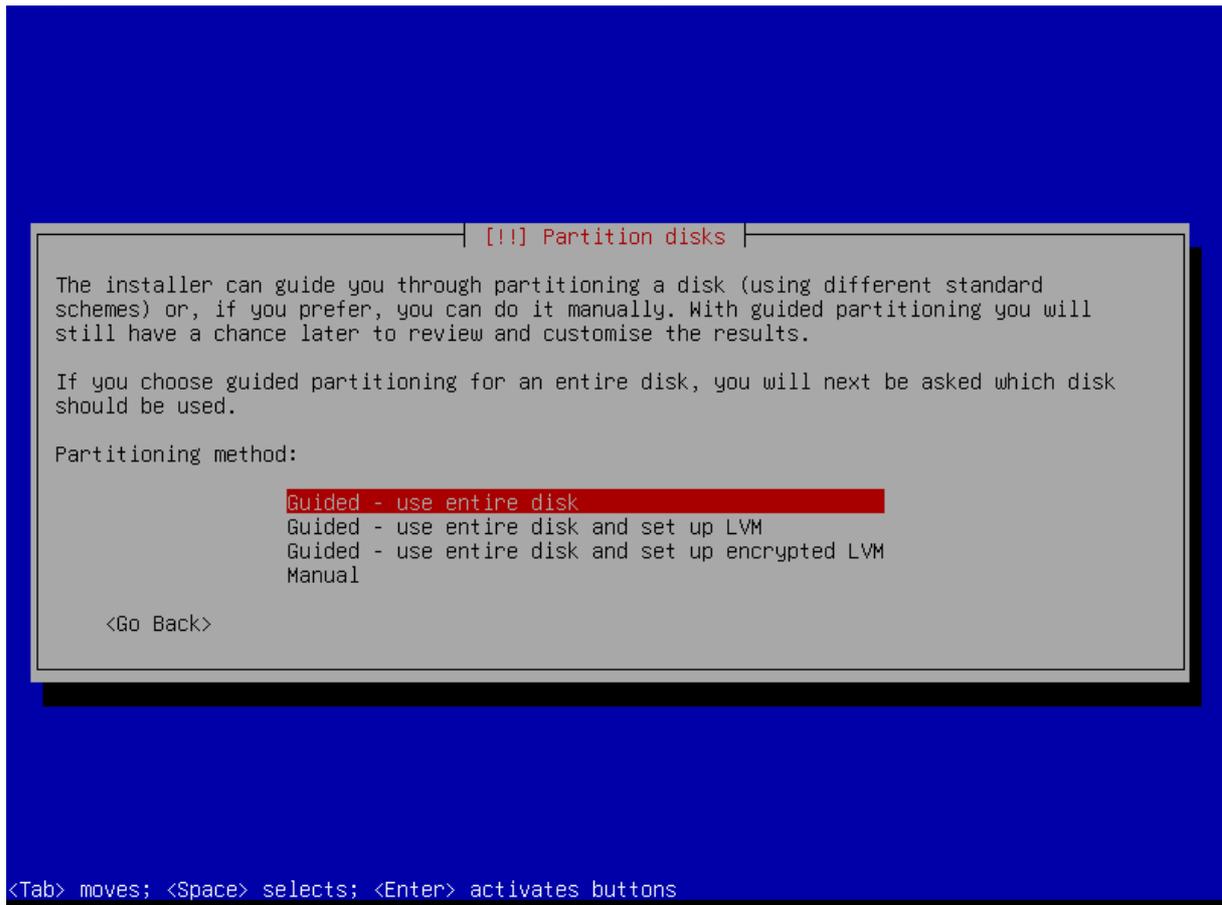
16. Konfirmasi password



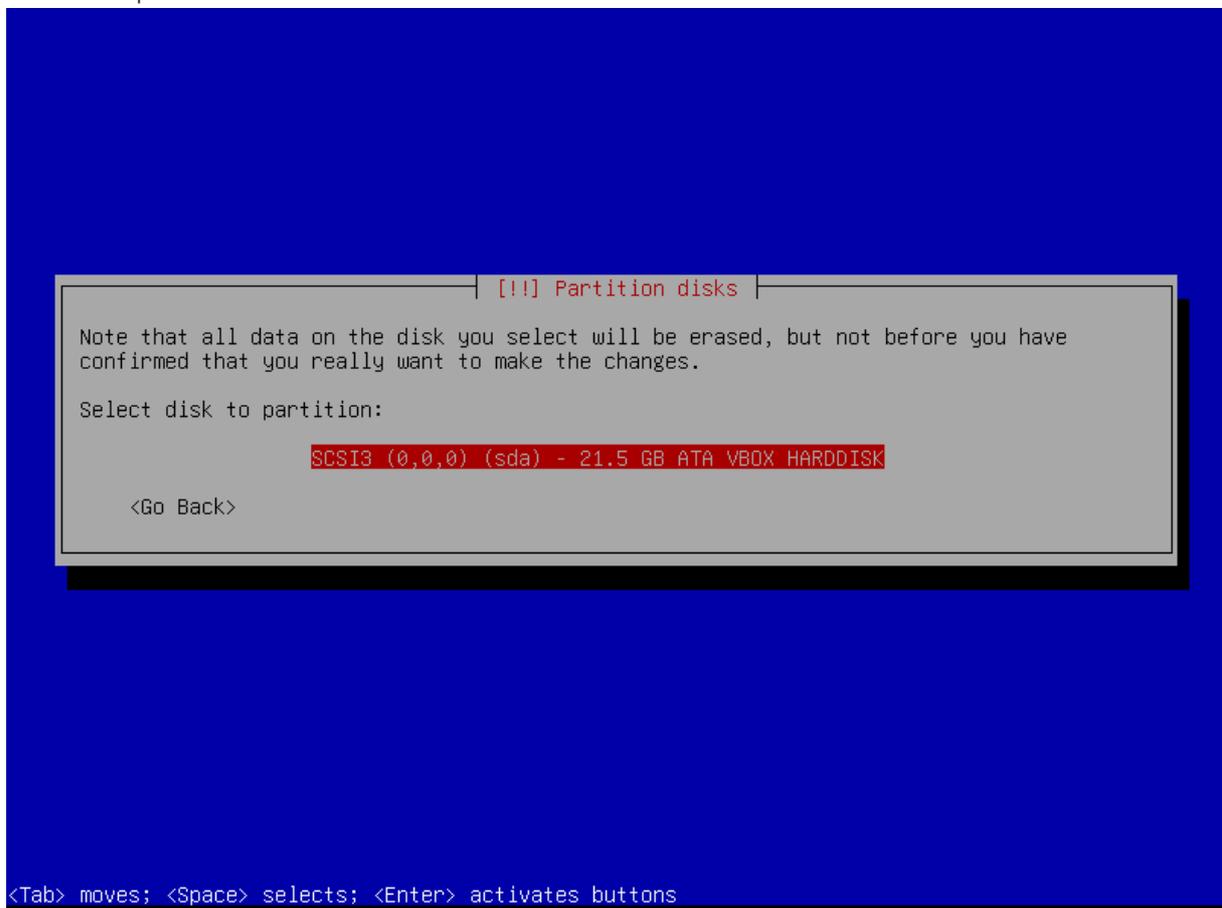
17. Konfigurasi Zona Waktu, pilih yang WIB



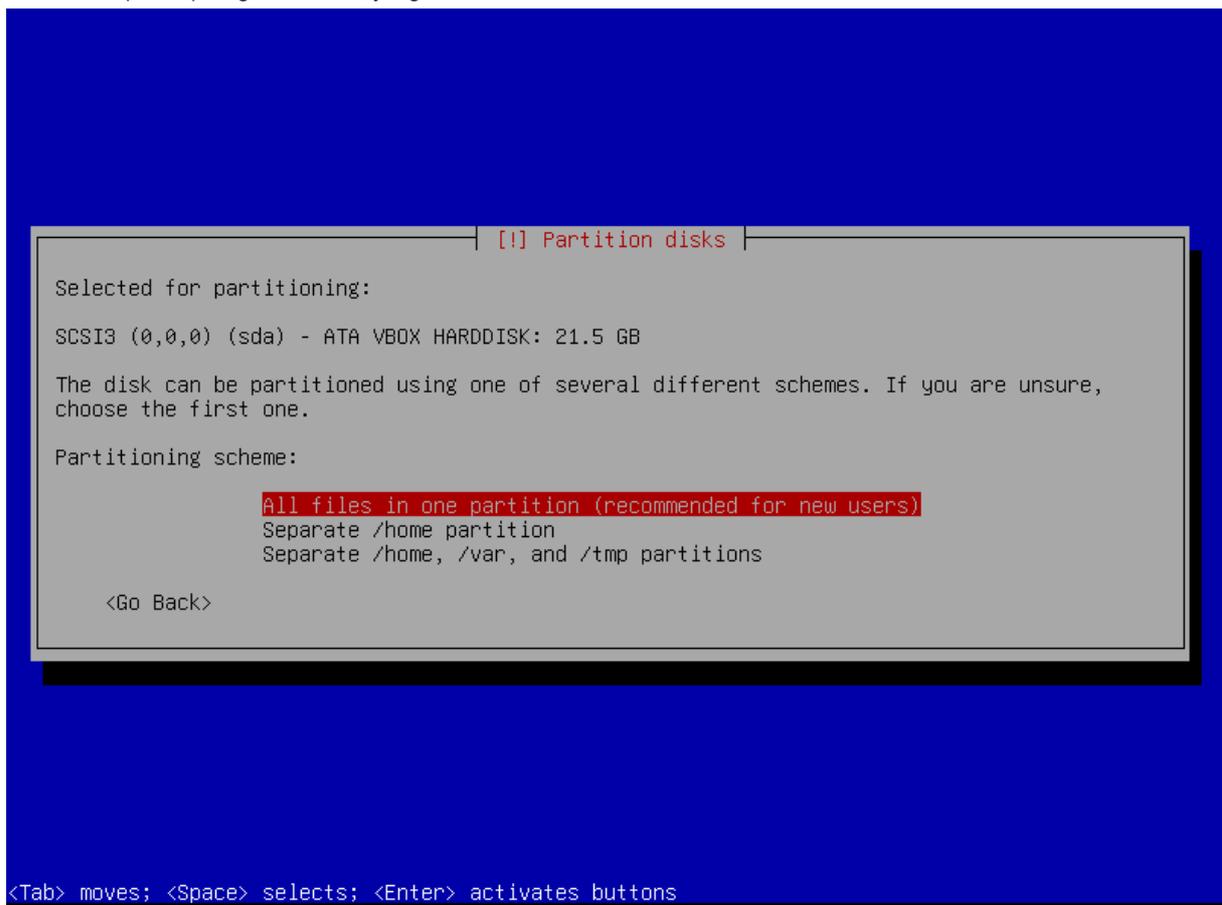
18. Konfigurasi Partisi, pilih yang *Guided, entire disk* karena kita menggunakan virtualbox



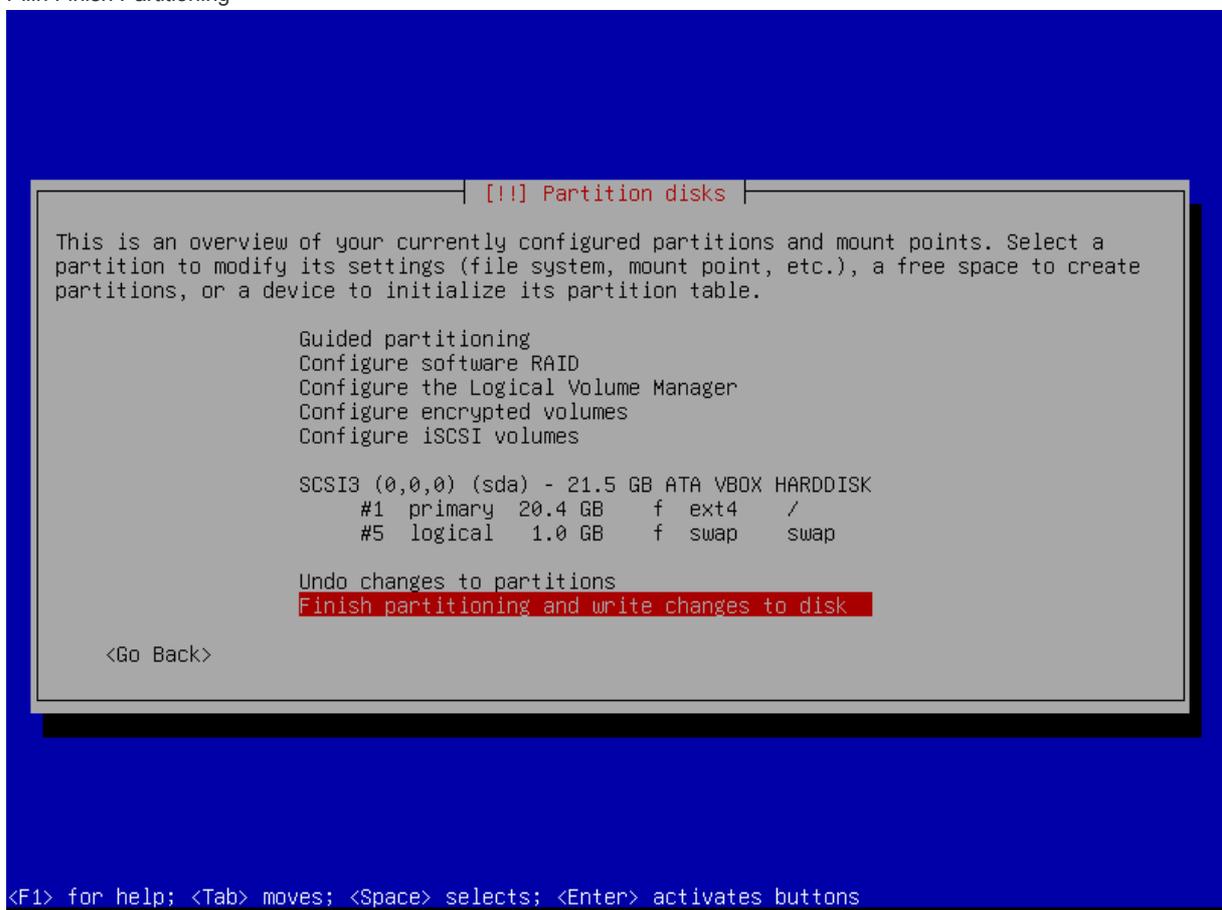
19. Pilih disk tempat instalasi



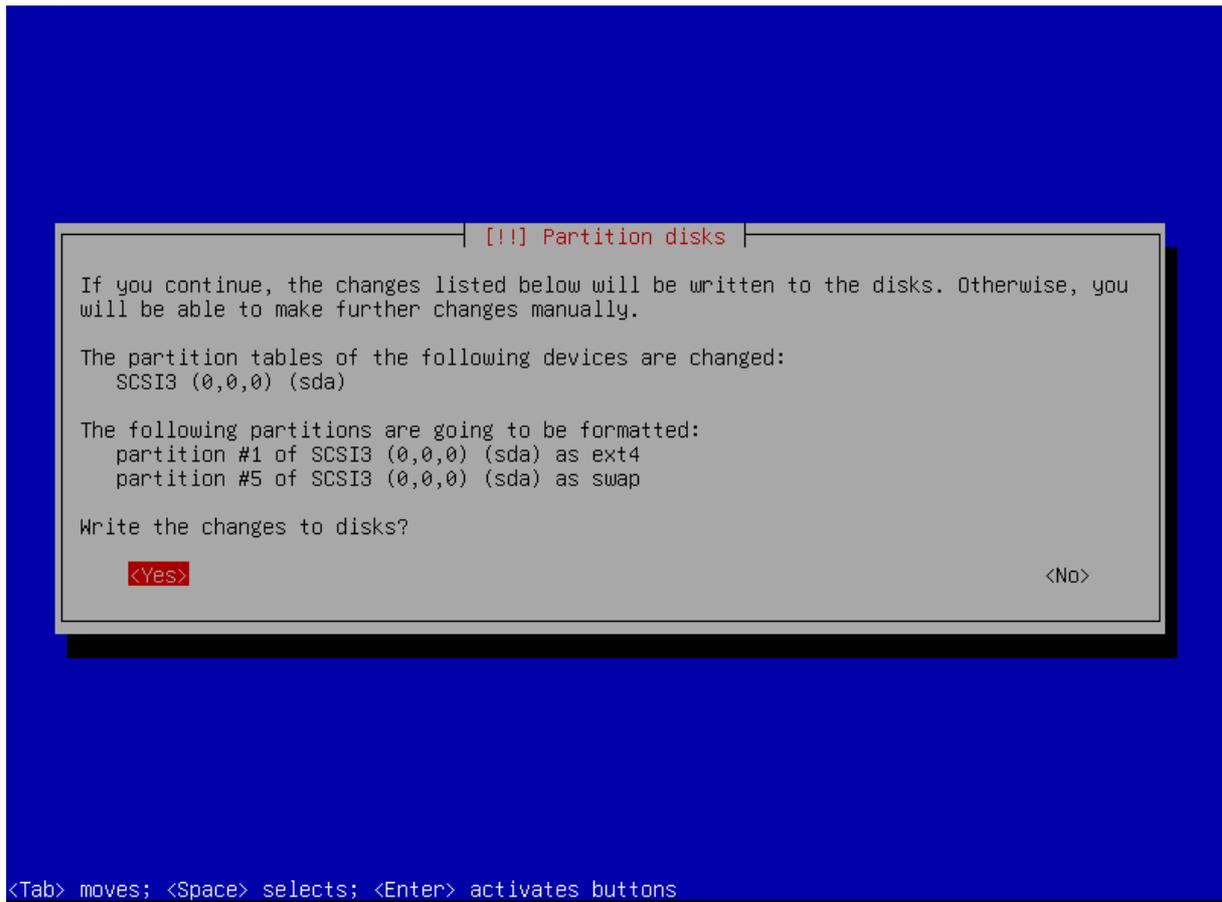
20. Pilih skema partisi paling sederhana, yang **All Files**



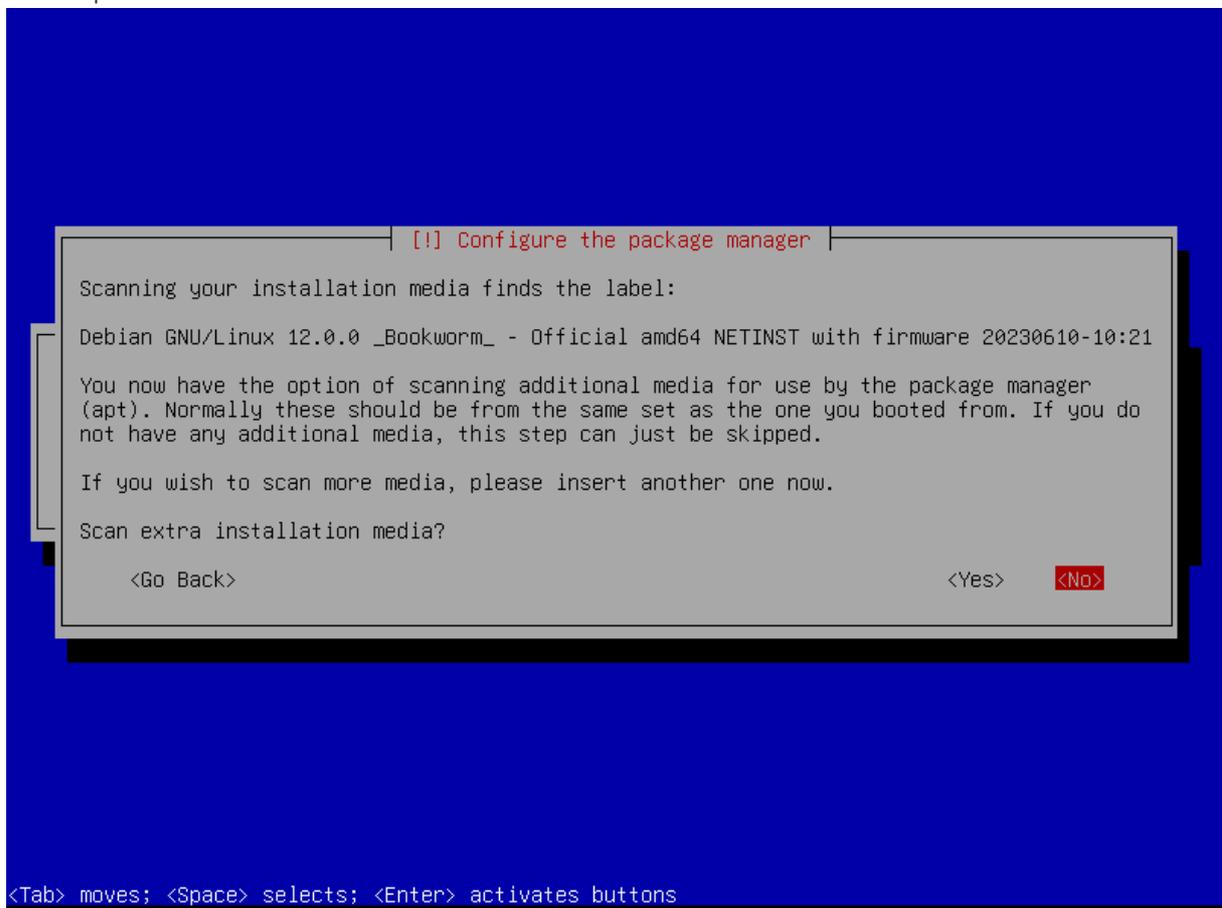
21. Pilih Finish Partitioning



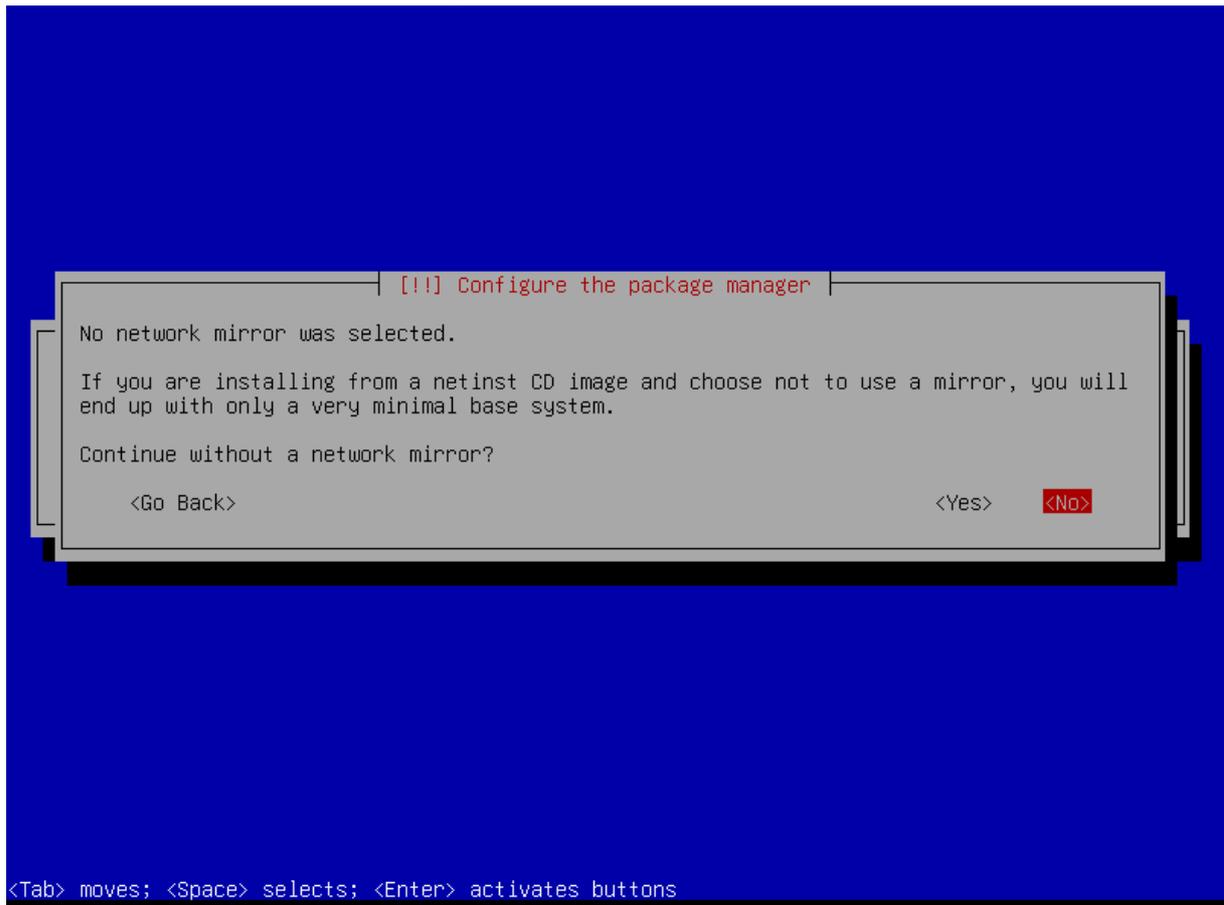
22. Pilih **yes** pada konfirmasi dibawah



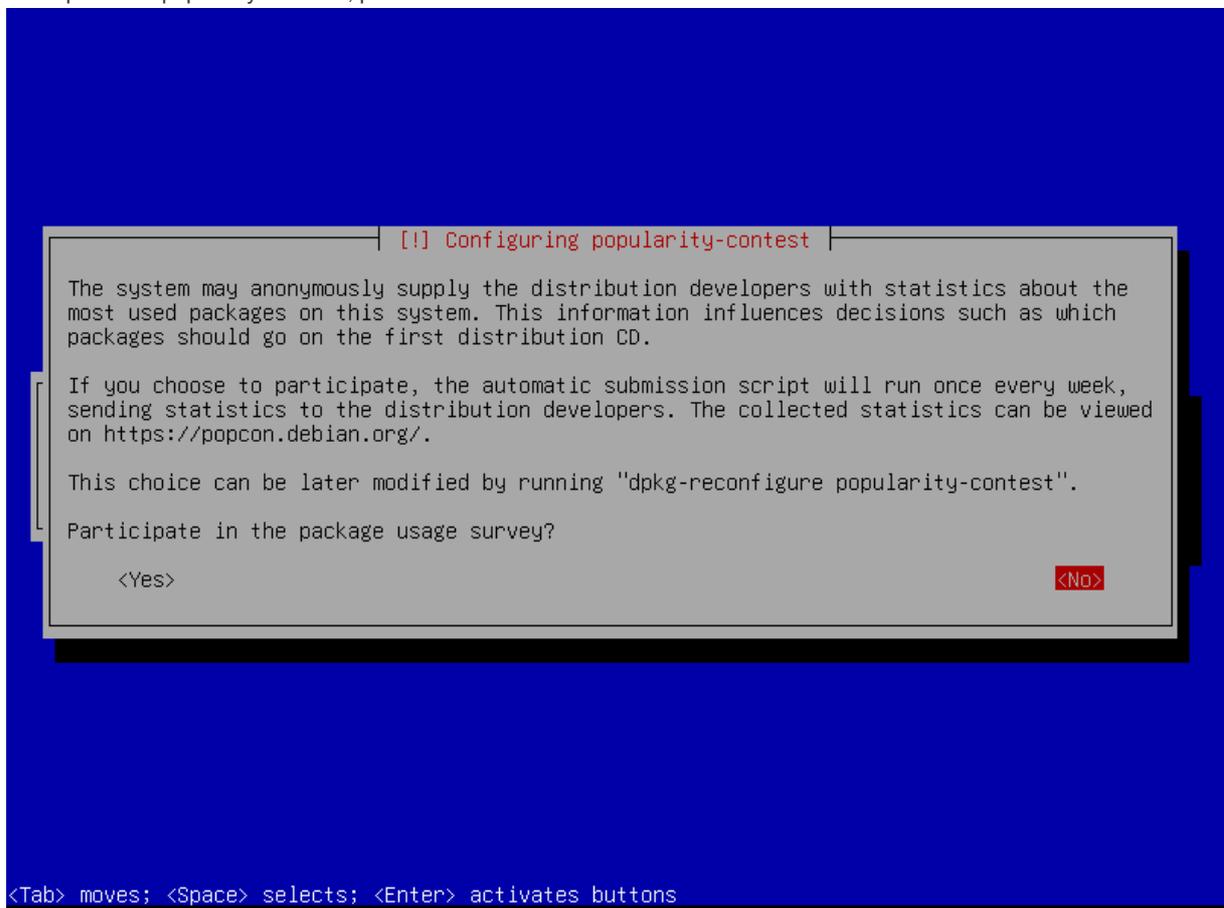
23. Pilih **NO** pada scan install media



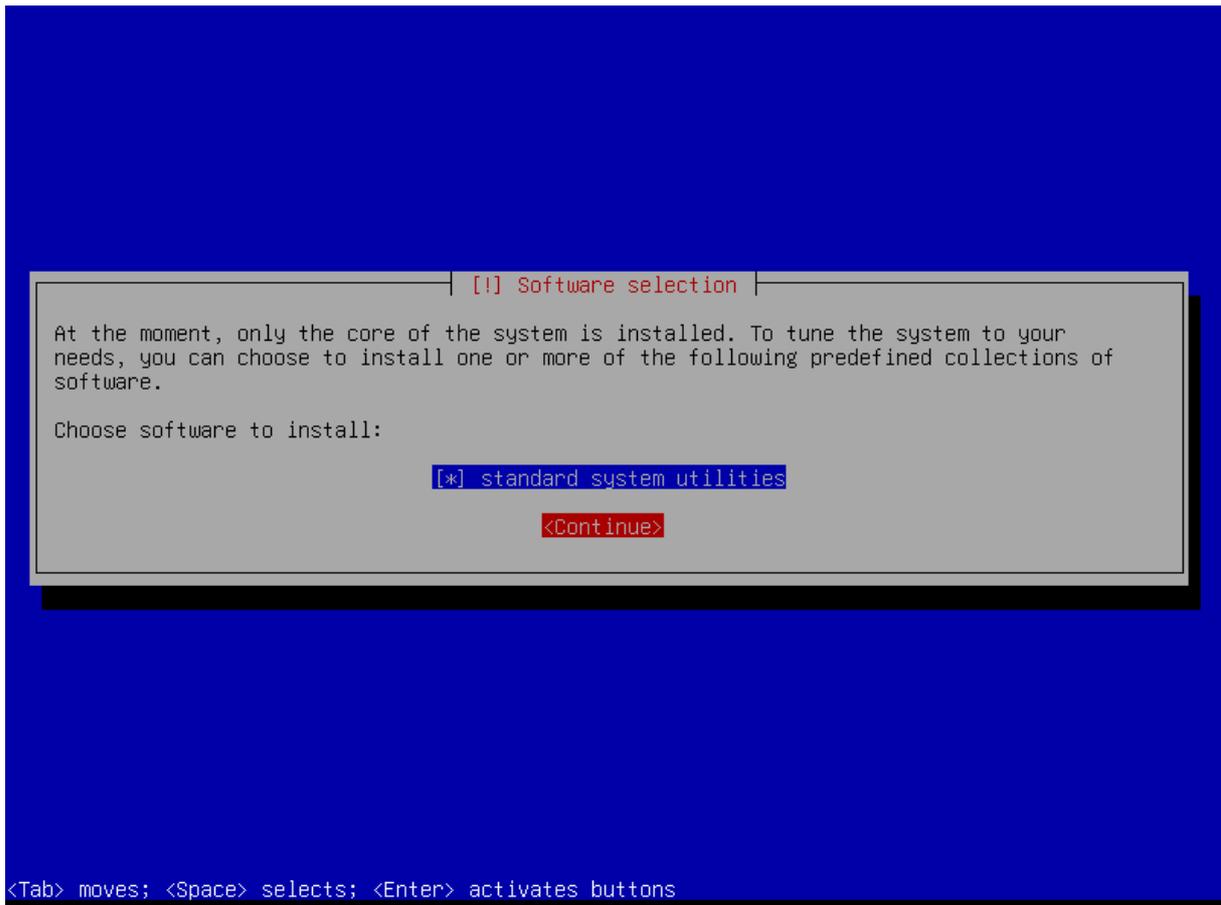
24. Continue Without network mirror pilih **YES!** (gambar tidak sesuai)



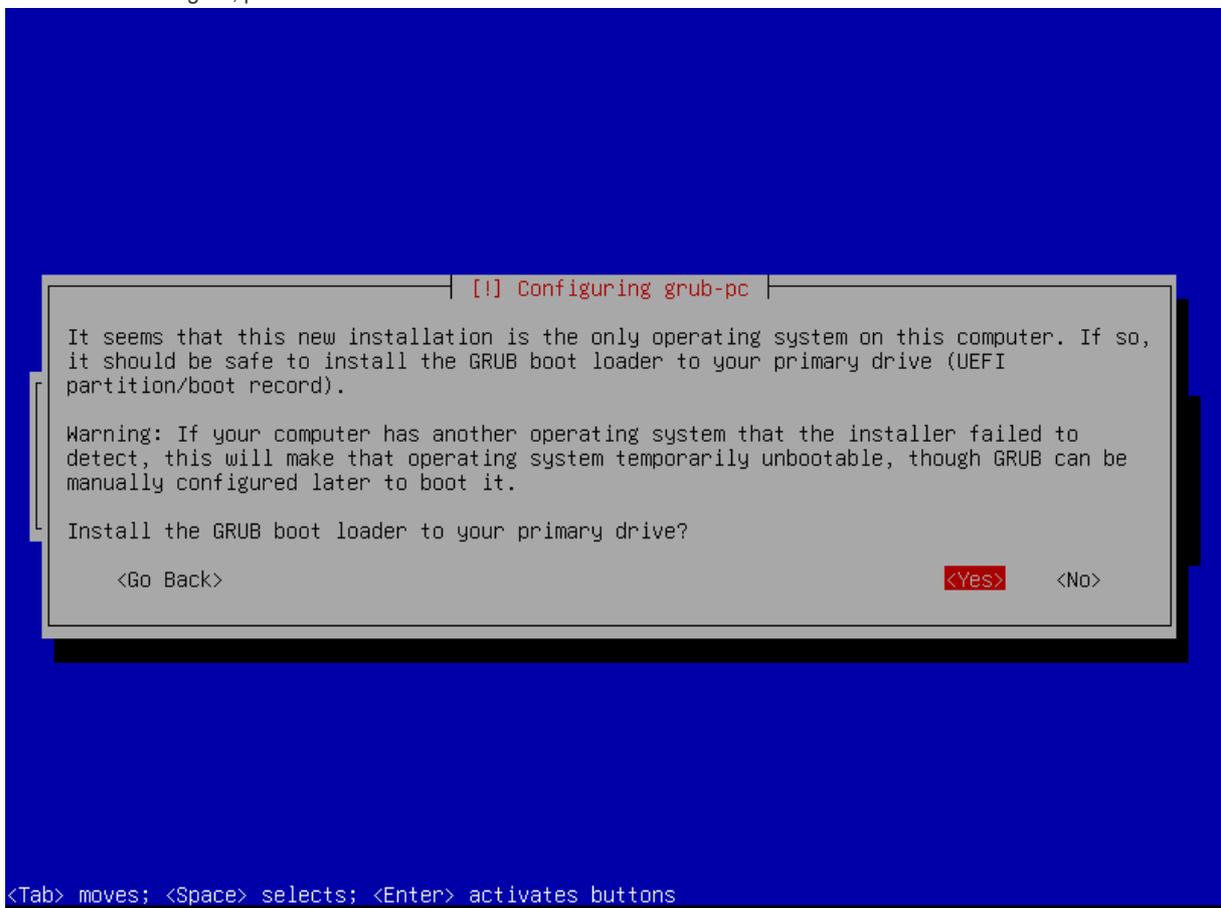
25. Tidak perlu ikut popularity contest, pilih **no**



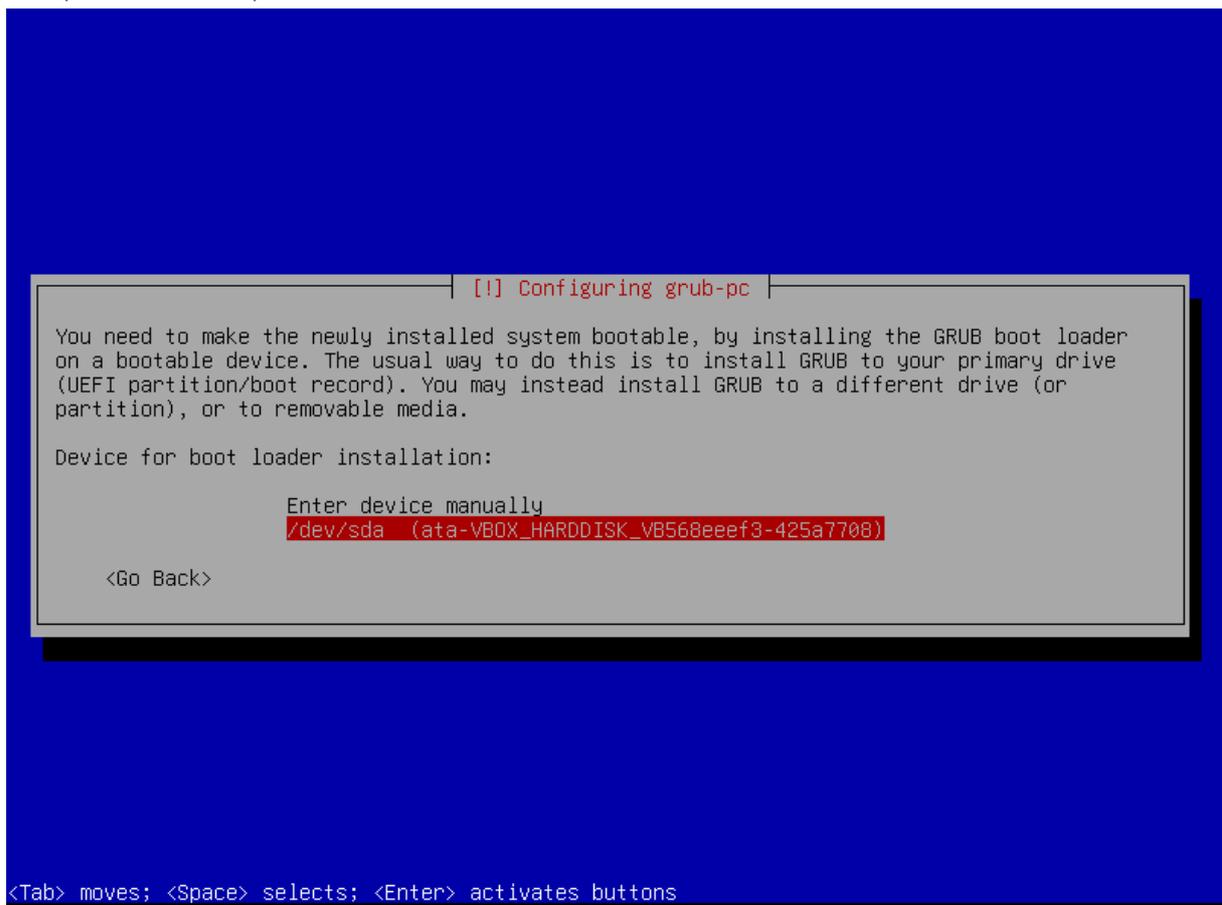
26. Pilih software standar, terus *continue*



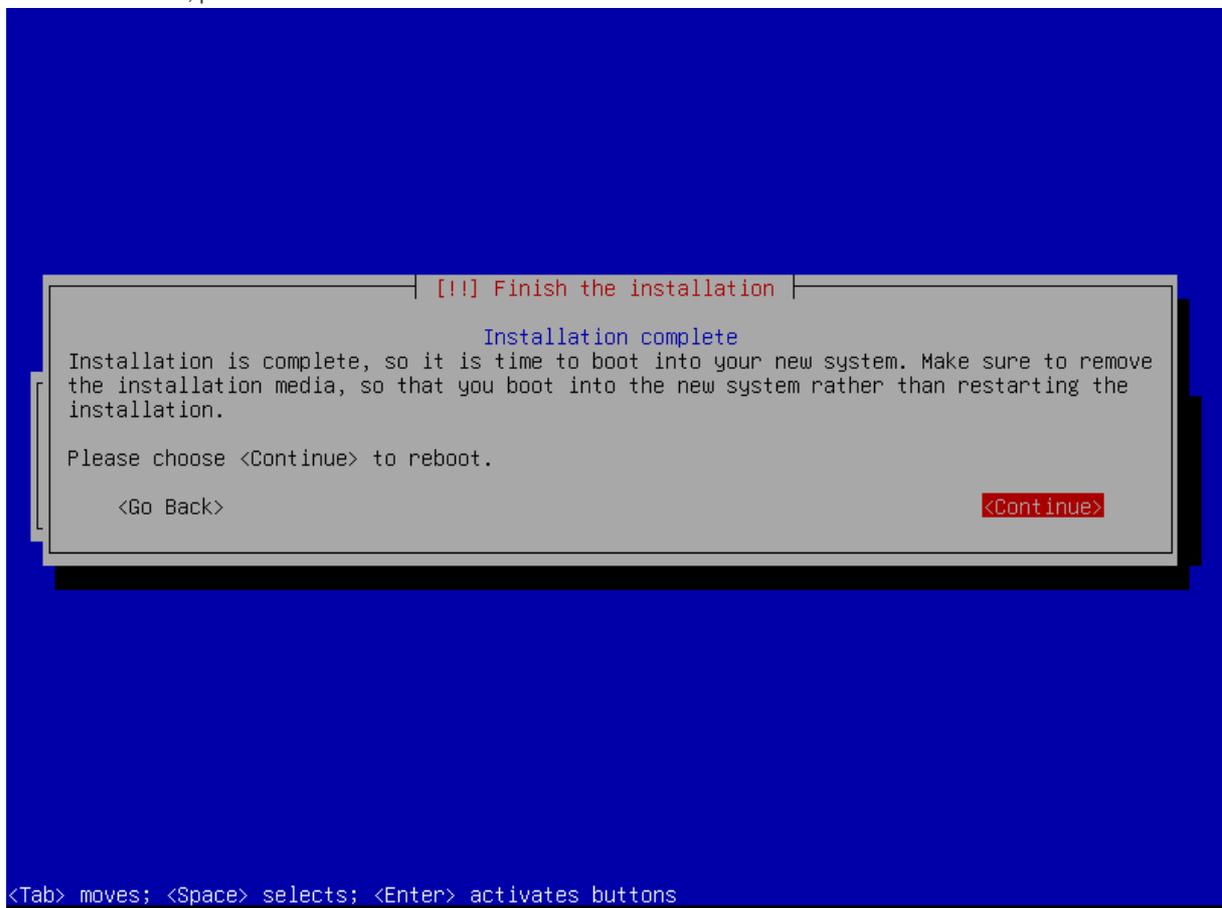
27. Pada menu install grub, pilih OK



28. Pada pilihan boot-loader pilih `/dev/sda`



29. Jika sudah selesai, pilih continue untuk melakukan reboot!



Post Install

1. Login ke username root
2. Ketikkan perintah: `nano /etc/apt/sources.list`
3. Isi dengan syntax seperti dibawah:

```
GNU nano 7.2 /etc/apt/sources.list
# deb cdrom:[Debian GNU/Linux 12.0.0 _Bookworm_ - Official amd64 NETINST with firmware 20230610-10:]>
deb http://kebo.pens.ac.id/debian/ bookworm main contrib non-free non-free-firmware

^G Help      ^O Write Out  ^W Where Is  ^K Cut       ^T Execute   ^C Location  M-U Undo
^X Exit      ^R Read File  ^_ Replace   ^U Paste     ^J Justify   ^_ Go To Line M-E Redo
```

4. Ketik `ctrl+o` untuk simpan dan `ctrl+x` untuk keluar
5. Ketikkan perintah: `nano /etc/network/interfaces`

6. Buat seperti dibawah:

```
root@nama-kelas:~# nano /etc/network/interfaces
```



7. Ketik `ctrl+o` untuk simpan dan `ctrl+x` untuk keluar

8. Ketik perintah: `systemctl restart networking.service`

9. Lalu ketik perintah: `apt update`

10. Hasilnya akan seperti ini:

```
root@nama-kelas:~# apt update
Get:1 http://kebo.pens.ac.id/debian bookworm InRelease [151 kB]
Get:2 http://kebo.pens.ac.id/debian bookworm/main amd64 Packages [8,906 kB]
Get:3 http://kebo.pens.ac.id/debian bookworm/main Translation-en [6,078 kB]
Get:4 http://kebo.pens.ac.id/debian bookworm/contrib amd64 Packages [54.3 kB]
Get:5 http://kebo.pens.ac.id/debian bookworm/contrib Translation-en [48.7 kB]
Get:6 http://kebo.pens.ac.id/debian bookworm/non-free amd64 Packages [98.6 kB]
Get:7 http://kebo.pens.ac.id/debian bookworm/non-free Translation-en [67.2 kB]
Fetched 15.4 MB in 2min 0s (129 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
26 packages can be upgraded. Run 'apt list --upgradable' to see them.
N: Repository 'Debian bookworm' changed its 'non-free component' value from 'non-free' to 'non-free non-free-firmware'
N: More information about this can be found online in the Release notes at: https://www.debian.org/releases/bookworm/amd64/release-notes/ch-information.html#non-free-split
root@nama-kelas:~#
```

11. Instalasi selesai!Q