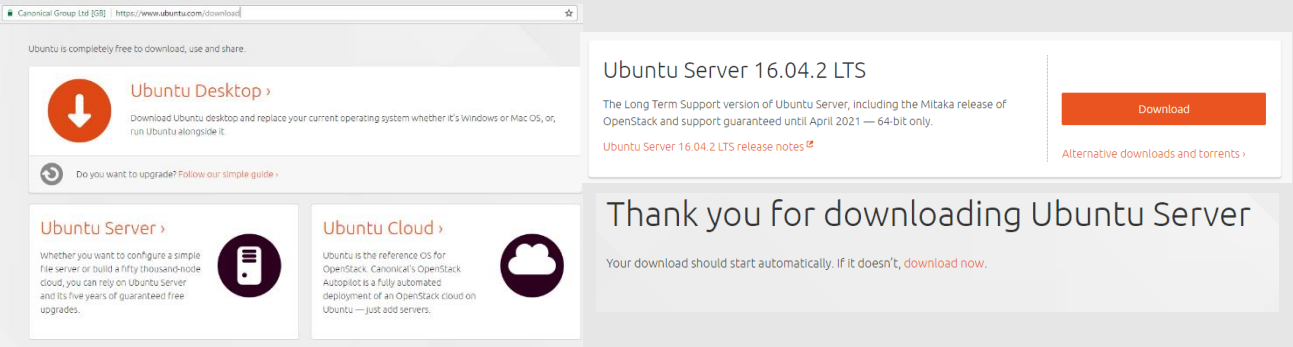
Ubuntu Server Setup

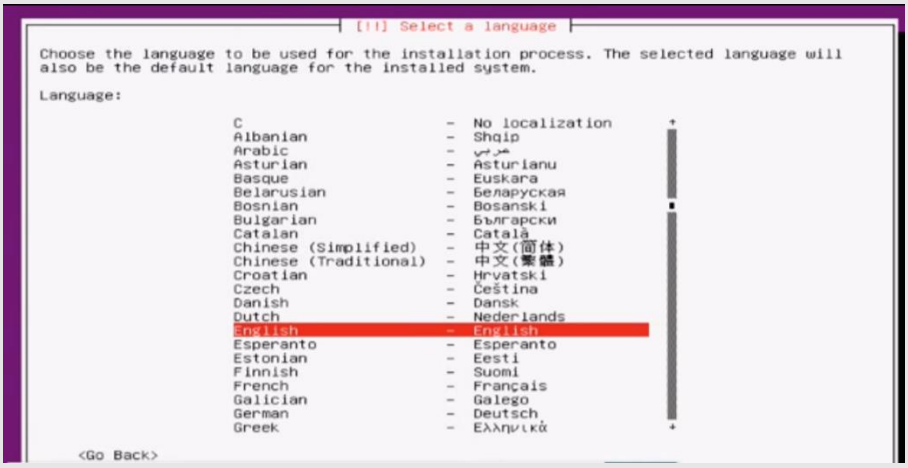
Here I will show you how to install Ubuntu Server 16.04.

1. Go download Ubuntu Server 16.04 at Ubuntu.com
   (https://www.ubuntu.com/download/server)

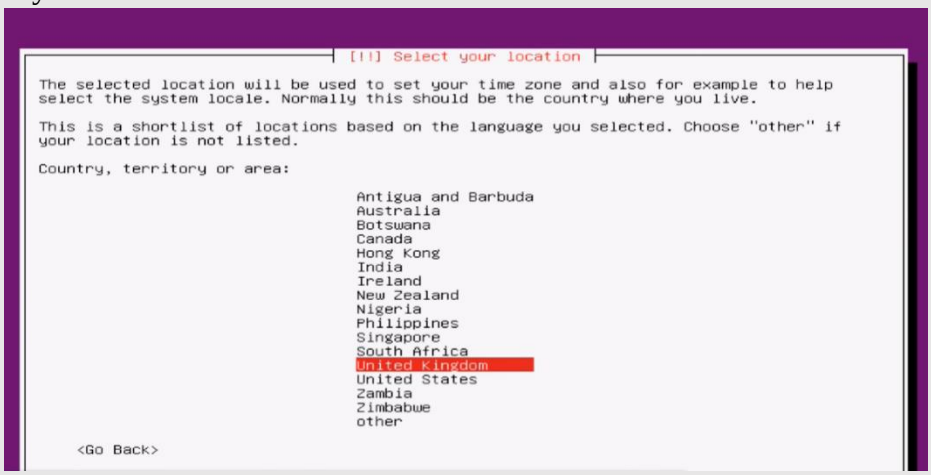


2. The download will start immediately after you click the download link. After it is finished downloading burn .iso file to a cd/dvd or usb.
3. Insert the disc or usb into the machine you want to be your Ubuntu server. Boot from the source to launch and install Ubuntu Server.

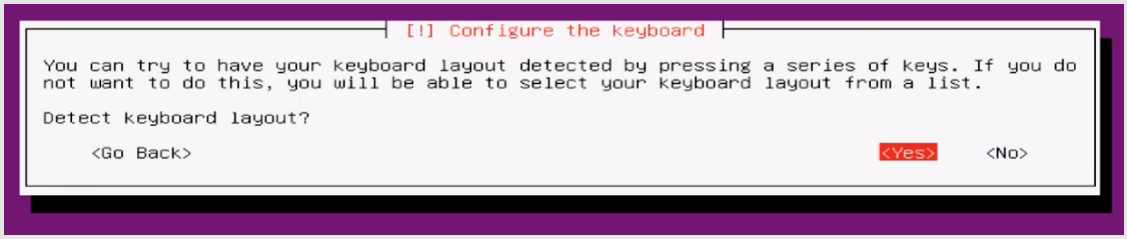
4. Choose the language you want to use.



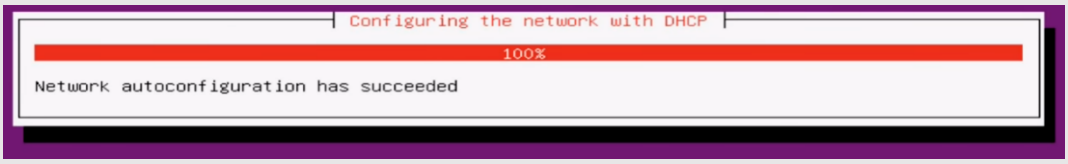
5. Select your location.



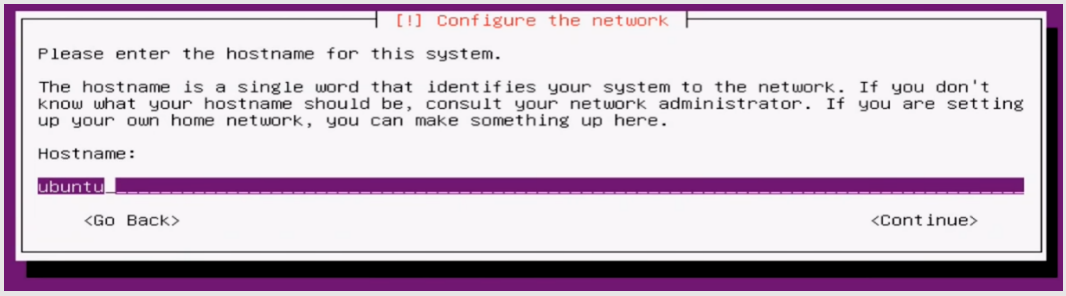
6. Configure the keyboard.



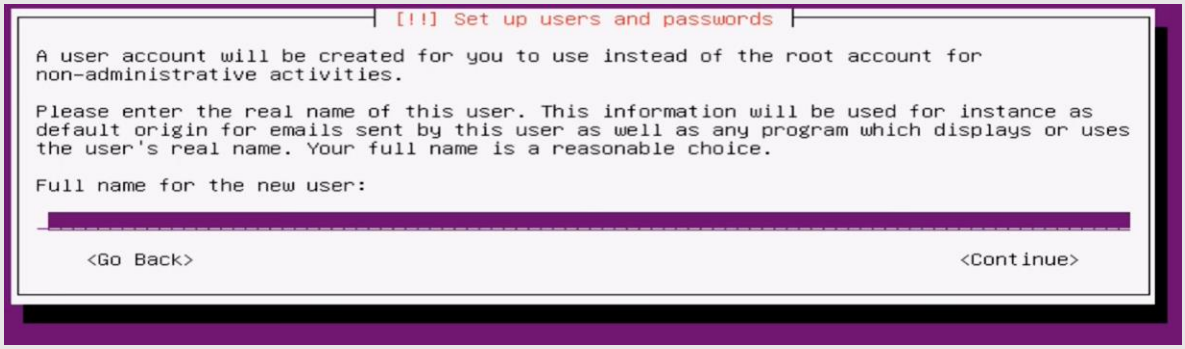
7. Configure the network with DHCP.



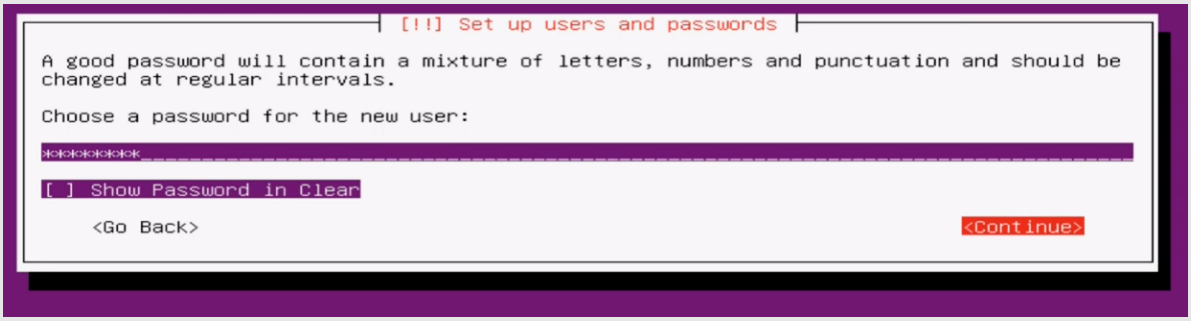
8. Choose your server hostname.



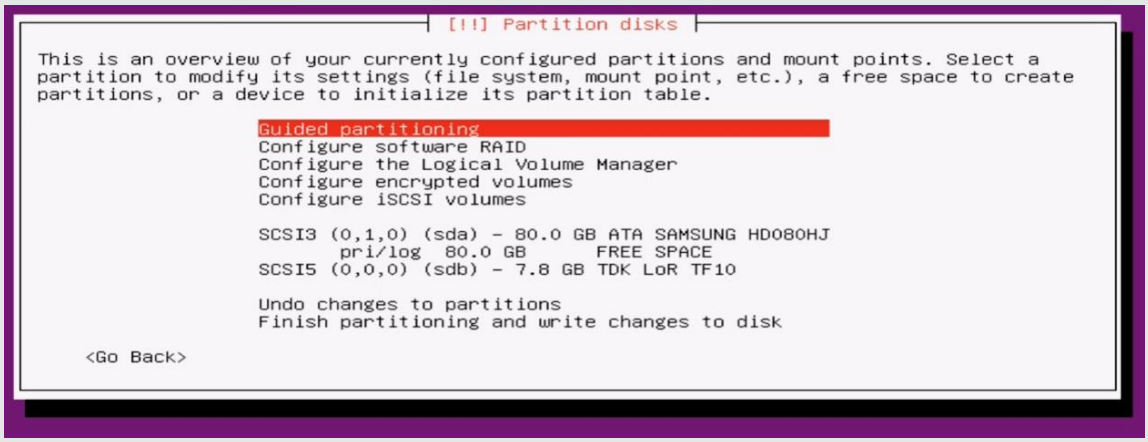
9. Create a User.



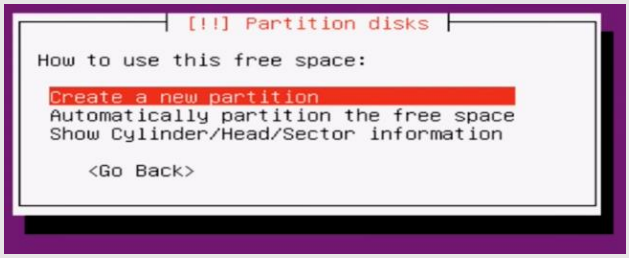
10. Create a User Password.

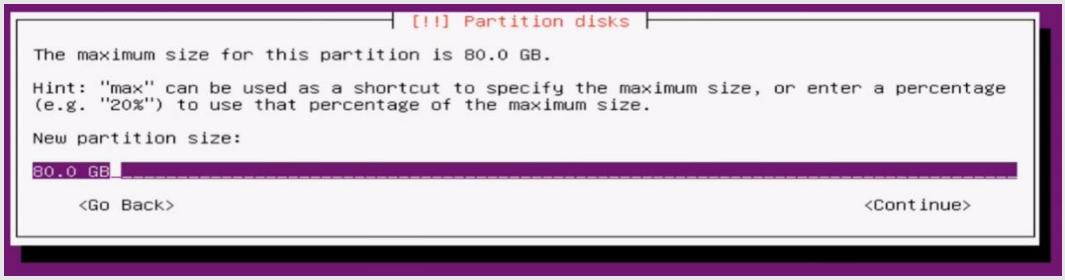


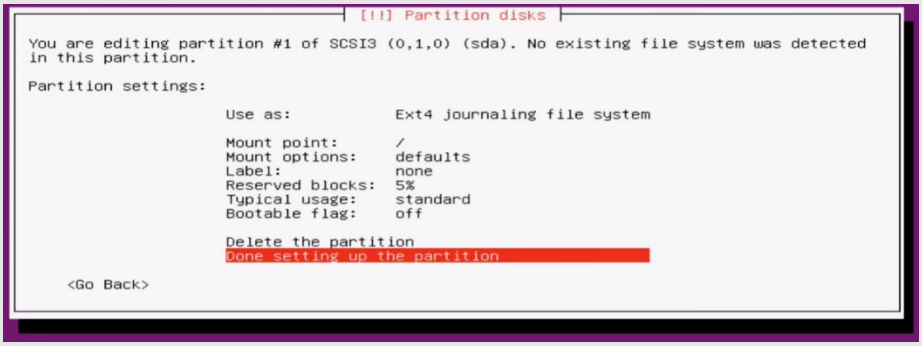
11. Partition the disk



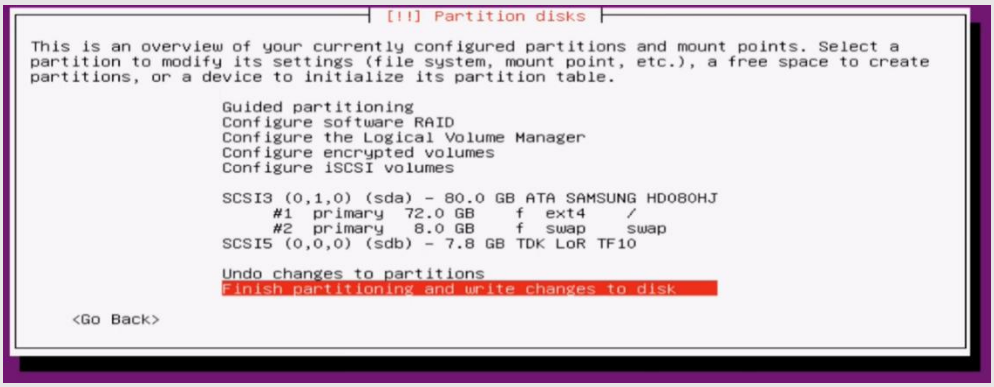
12. Create a new partition.



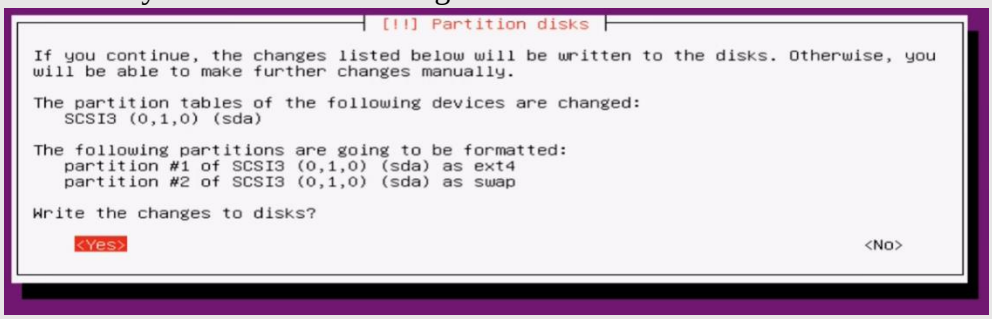




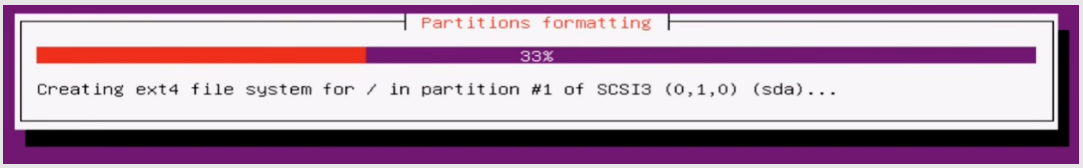
13. Once you have made final configuration changes to the partition, finish partitioning and write changes to the disk.



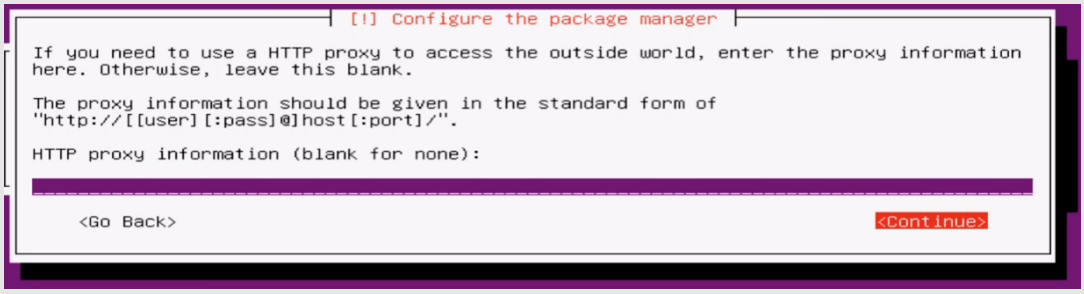
14. Confirm that you want to write changes to the disk.



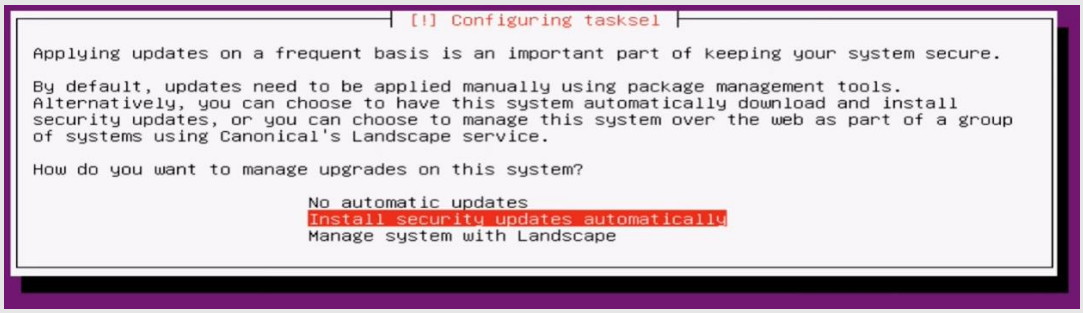
15. The partitions will then format.



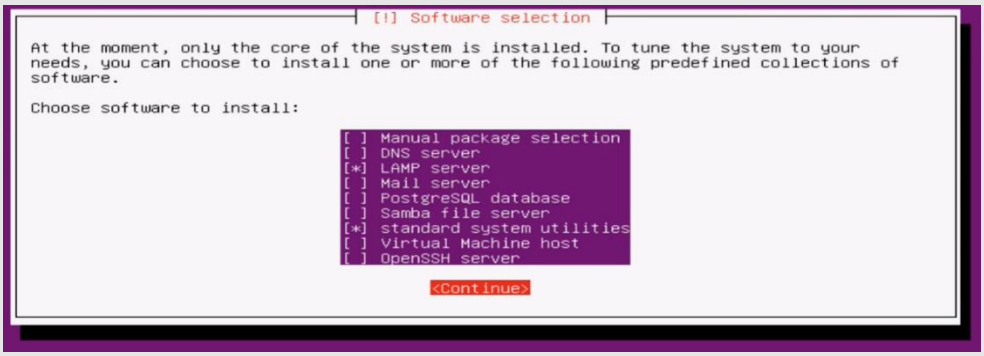
16. (Optional) You can set proxy settings if needed.



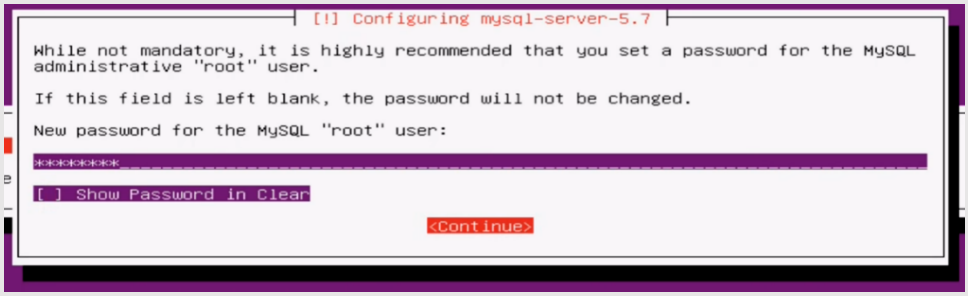
17. Select install security updates automatically



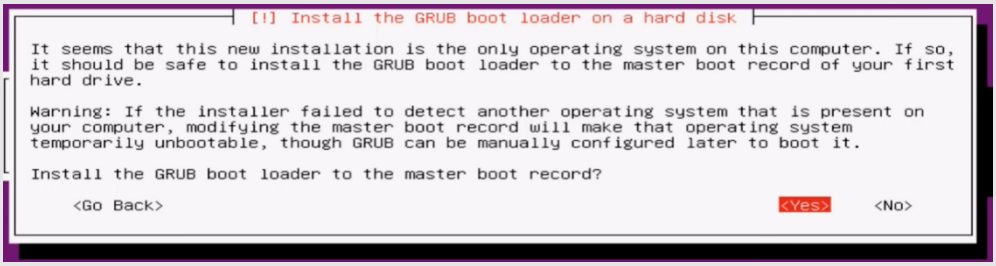
18. Select LAMP server and continue.

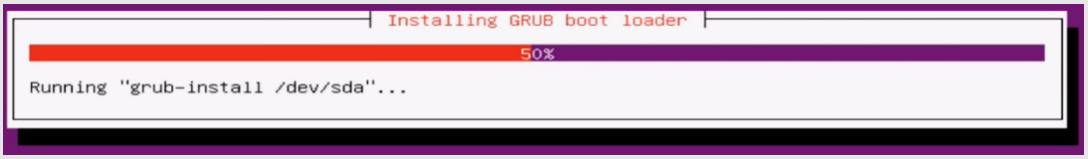


19. Set the password for mysql root user and click continue.

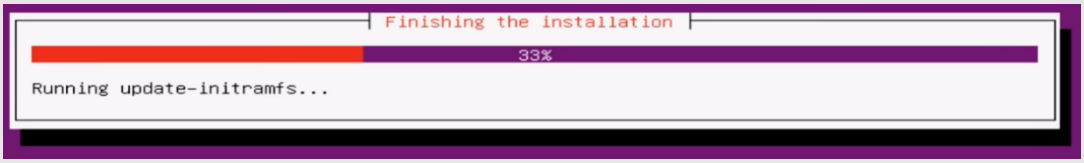


20. Install the grub boot loader.

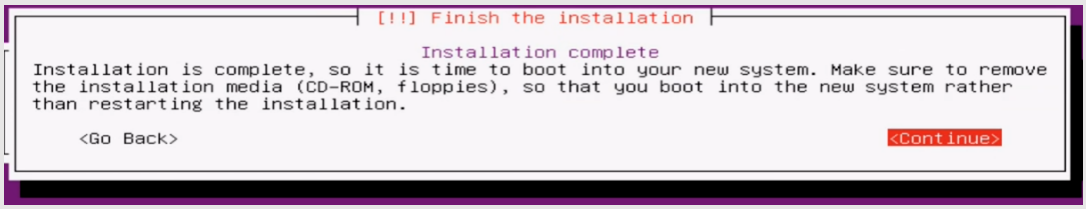




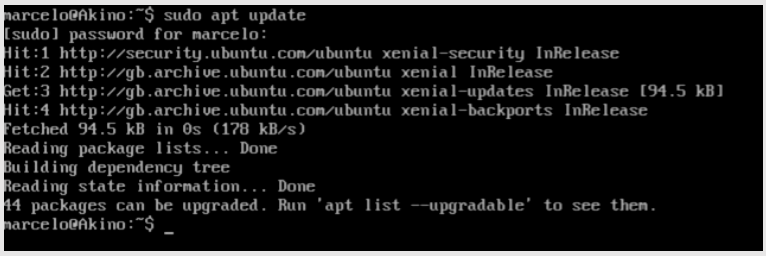
21. The installation will finish.



22. Remove the DVD and reboot



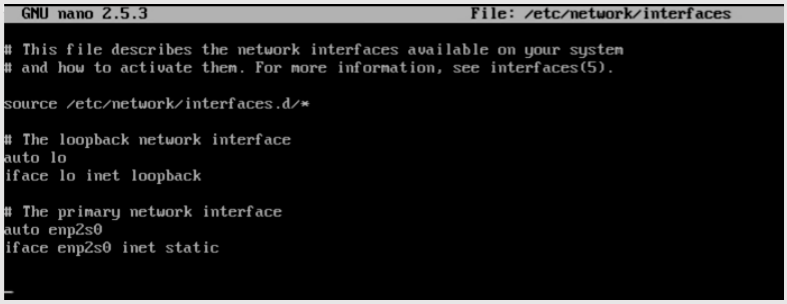
23. Once prompted Login to Ubuntu 16.04 LTS
24. Update the server type: *sudo apt update*



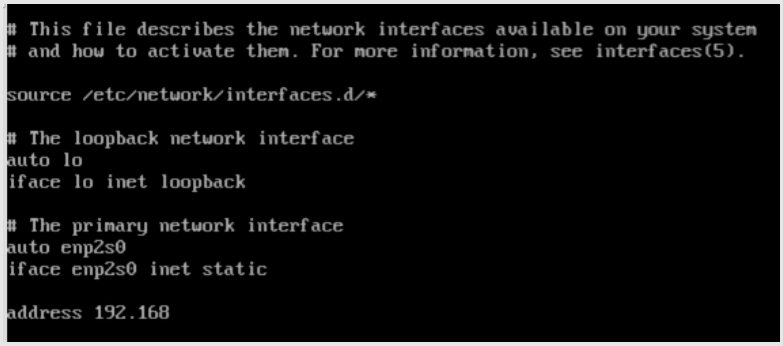
25. Upgrade the server type: *sudo apt upgrade.* If you receive a prompt asking do you want to continue? [Y/n] enter: *Y*

26. Open and edit the network interfaces file: *sudo nano /etc/network/interfaces*

27. Change dhcp to *static* in the file.



28. Add your ip address to the file: *address your_ip* (ex. address 192.168.201.1)

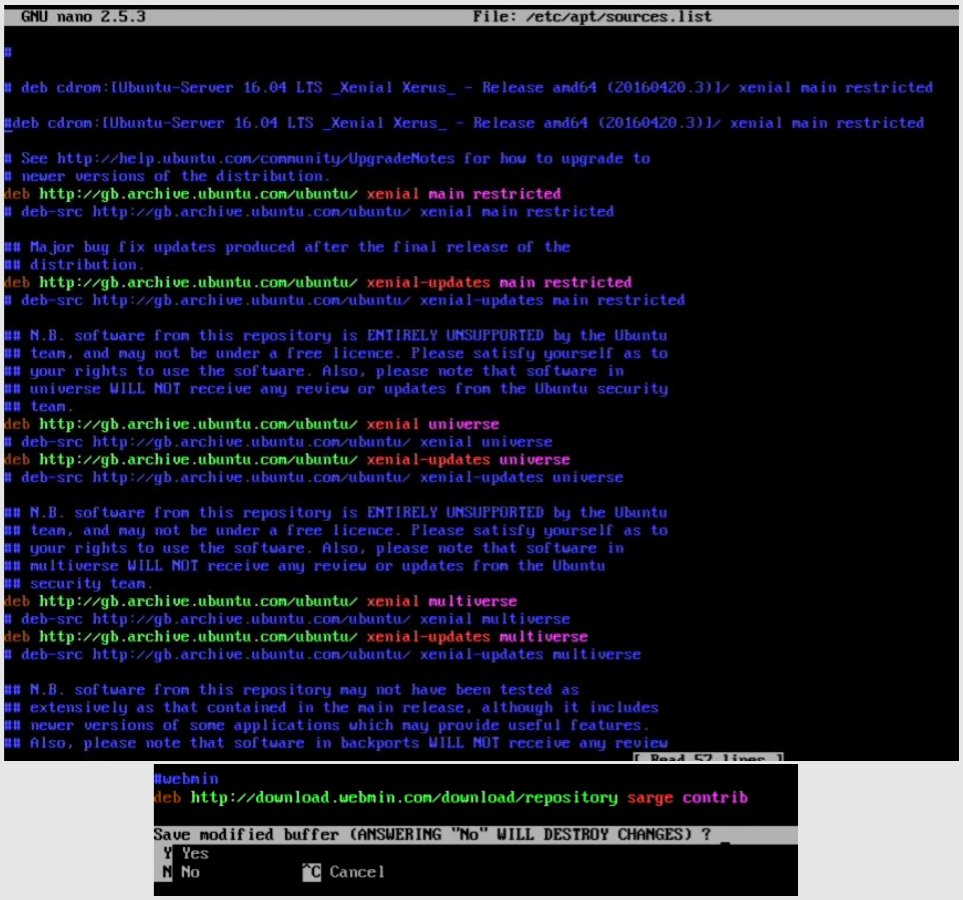


29. Add to the file the netmask: *netmask your_netmask* (ex. netmask 255.255.255.0)
30. Add to the file the network: *network your_network* (ex. network 192.168.201.0)
31. Add to the file the broadcast: *broadcast your_broadcast* (ex. broadcast 192.168.201.255)
32. Add to the file the gateway: gateway your_gateway (ex. gateway 192.168.201.254)
33. Add to the file the dns-name: dns-nameservers your_dns-nameservers
    (ex. dns-nameservers 8.8.8.8)

34. Save and exit enter: *Ctrl+X* then *Y* (yes) to save modified changes.
35. To reboot type and enter: *sudo reboot*

36. Open and edit the sources.list file type and enter: *sudo nano /etc/apt/sources.list*

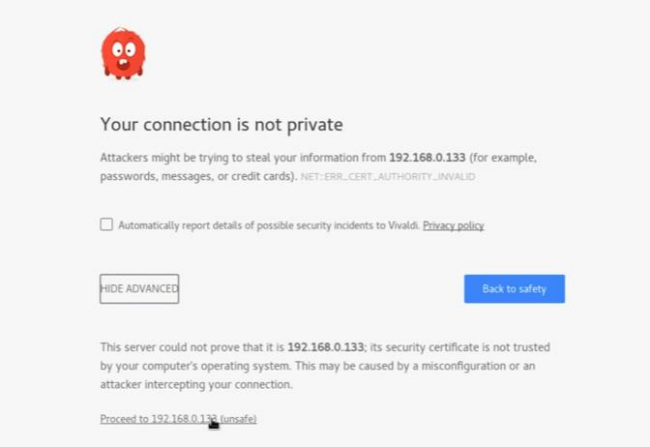
37. Add to the file: *deb http://download .webmin.com/download/repository sarge contrib*



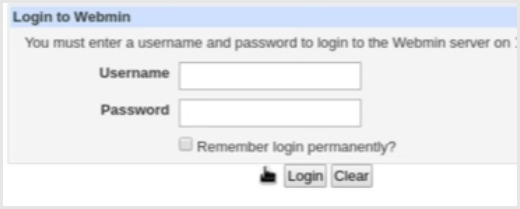
38. Go to the /tmp folder : *cd /tmp*
39. Download the webmin repository key: *wget* http://www.webmin.com/jcameron-key.asc
40. Install the repository key: *sudo apt-key add jcameron-key.asc*
41. Update your package list: *sudo apt update*

42. Install Webmin admin panel: *sudo apt install webmin*
43. When you receive a prompt that states: Do you want to continue? Enter *Y* (Yes)
44. Leave the terminal

45. Open up a web browser. To access the Webmin admin panel type: https://yourserverip:10000



46. Click proceed to IP address (unsafe).
47. You will arrive at the Webmin admin panel. Login with your username and your password.

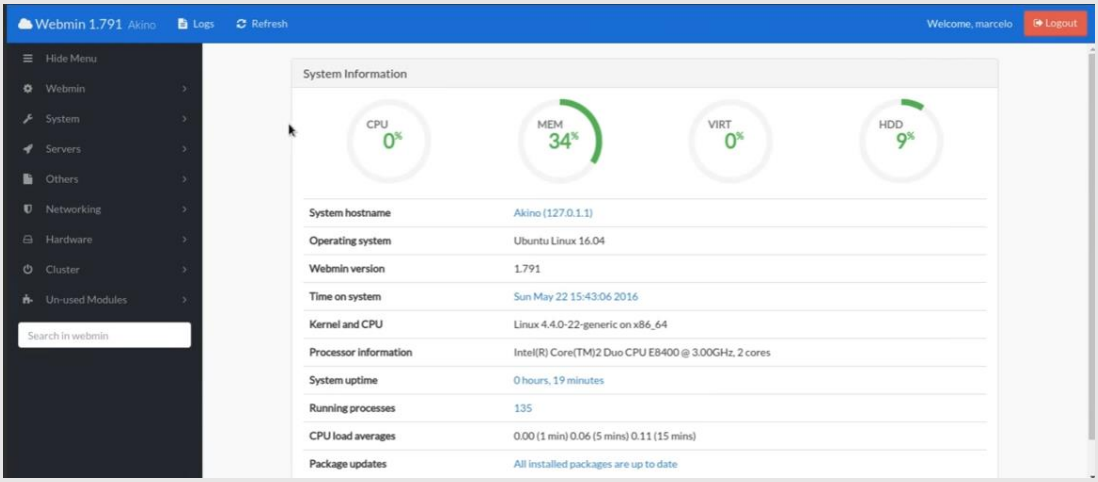


48. To install a webmin theme. Expand Webmin > Webmin Configuration > Webmin Themes > Install theme > select From ftp or http URL
    For example, you can install the Bootstrap 3 webmin theme: enter the http link – *http://theme.winfuture.it/bwtheme.wbt.gz*

49. Select *Install Theme* and it will start the download and the install.

50. Return to the themes list, here you can change the current theme. I changed it to BWTheme – Bootstrap Webmin Theme.

51. Refresh the Webmin page.



52. Select Servers > MySQL Database Server then Login with your mysql password.