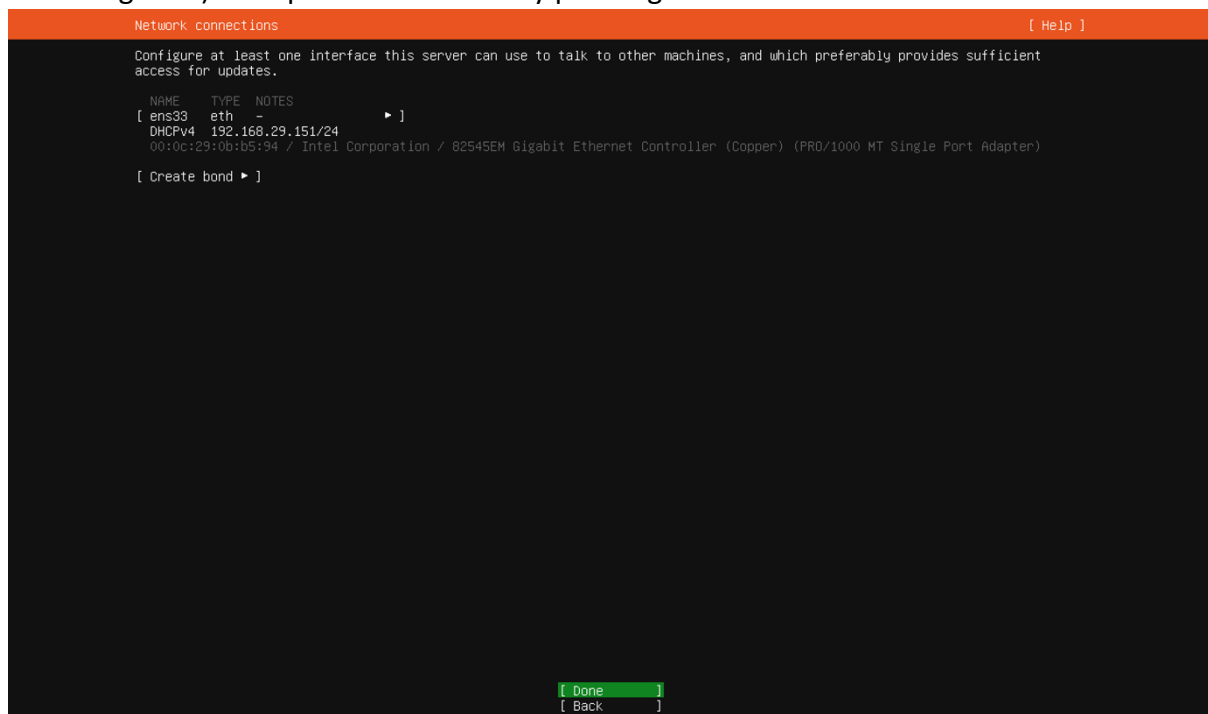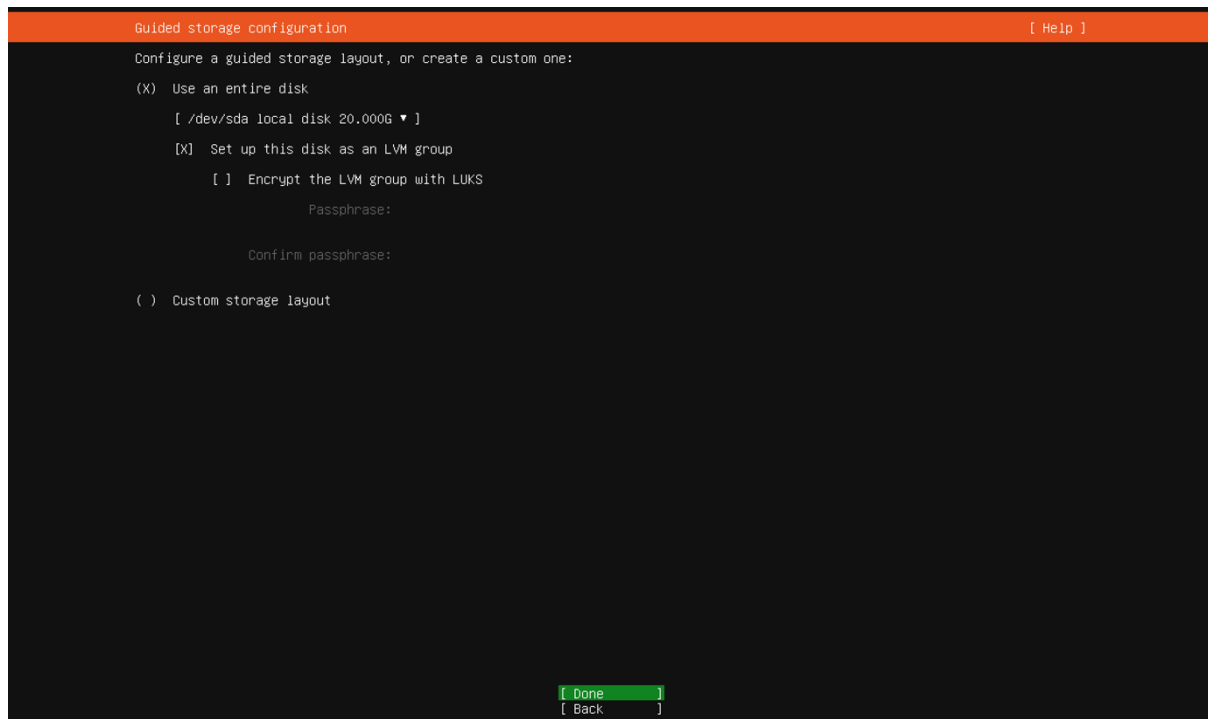Installing Ubuntu Server 22.04 LTS

1. To install Ubuntu Server 22.04 as a virtual machine, you need virtualization software on your computer. I recommend using VMware Workstation (Windows) or VMware Fusion (MacOS). As an alternative, VirtualBox can be used. This video describes how to get started with VirtualBox: https://www.youtube.com/watch?v=4qwUHSaIJdY
2. Download the Ubuntu Server 22.04 LTS installation disk. You can find it here: https://ubuntu.com/download/server
3. Start the installation. In the first screen, select **English** as your language. Press Enter to continue.
4. In the next screen, select **Continue without updating**. Press Enter to continue.
5. Then click **Done** in the next two screens to continue.
6. Now you'll need to setup networking. Your virtualization software provides an integrated DHCP server, which makes that you get an IP address automatically. (See figure 1). Accept this IP address by pressing **Done** to. continue.

7. When asked to enter a Proxy address, press Enter to continue without changing anything. In most situations you won't need a proxy.
8. In the next screen, press Enter to continue without changing anything.
9. In the Guided Storage Configuration, make sure the option **Use entire disk** is used, select **Done** and press Enter to continue.

10. In the Storage Configuration overview screen, don't change anything and press Enter to continue.
11. You are next prompted for confirmation. Select **Continue** and press Enter to continue.
12. Now you see a screen in which you are asked to provide your user information and a server name. Use the following suggested information, or change according to your needs. After entering the required information, select **Done** and press Enter to continue:
    a. Your name: student
    b. Your server's name: control (use worker1 and worker2 for the next two servers)
    c. Pick a user name: student
    d. Choose a password: password
    e. Confirm your password: password

Enter the username and password you will use to log in to the system. You can configure SSH access on the next screen but a password is still needed for sudo.

Your name: student

Your server's name: control
The name it uses when it talks to other computers.

Pick a username: student

Choose a password: ********

Confirm your password: ********

[Done]

13. In the SSH Setup screen which you'll see next, select the option **Install OpenSSH Server**, select **Done** and press Enter to continue.
14. In the next screen, don't add anything, just select **Done** and press Enter to continue.
15. The installation will now start. It may take about 10 minutes until the installation is done, after which you'll see the following screen. In this screen, select **Reboot now**. After reboot your virtual machine is ready for use.

```
        configuring format: format-1
        configuring mount: mount-1
        configuring mount: mount-0
  writing install sources to disk
    running 'curtin extract'
      curtin command extract
        acquiring and extracting image from cp:///tmp/tmp772h5lvj/mount
  configuring installed system
    running 'mount --bind /cdrom /target/cdrom'
    running 'curtin curthooks'
      curtin command curthooks
        configuring apt configuring apt
        installing missing packages
        configuring iscsi service
        configuring raid (mdadm) service
        installing kernel
        setting up swap
        apply networking config
        writing etc/fstab
        configuring multipath
        updating packages on target system
        configuring pollinate user-agent on target
        updating initramfs configuration
        configuring target system bootloader
        installing grub to target devices
    finalizing installation
      running 'curtin hook'
        curtin command hook
      executing late commands
final system configuration
  configuring cloud-init
  calculating extra packages to install
  installing openssh-server
    curtin command system-install
  downloading and installing security updates
    curtin command in-target
  restoring apt configuration
    curtin command in-target
subiquity/Late/run
```

[View full log]
[Reboot Now]