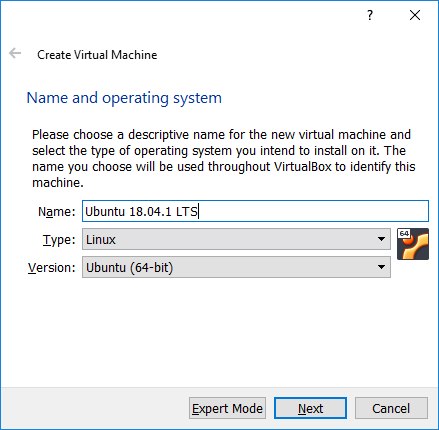
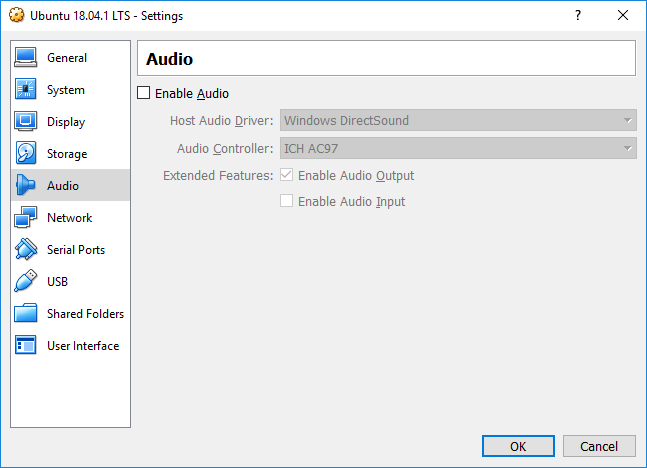
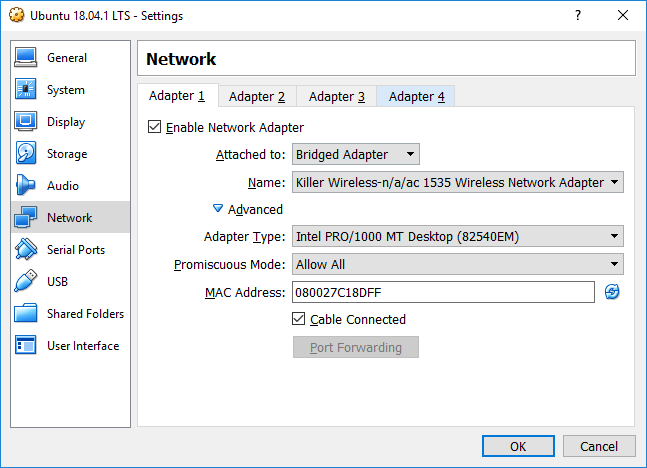
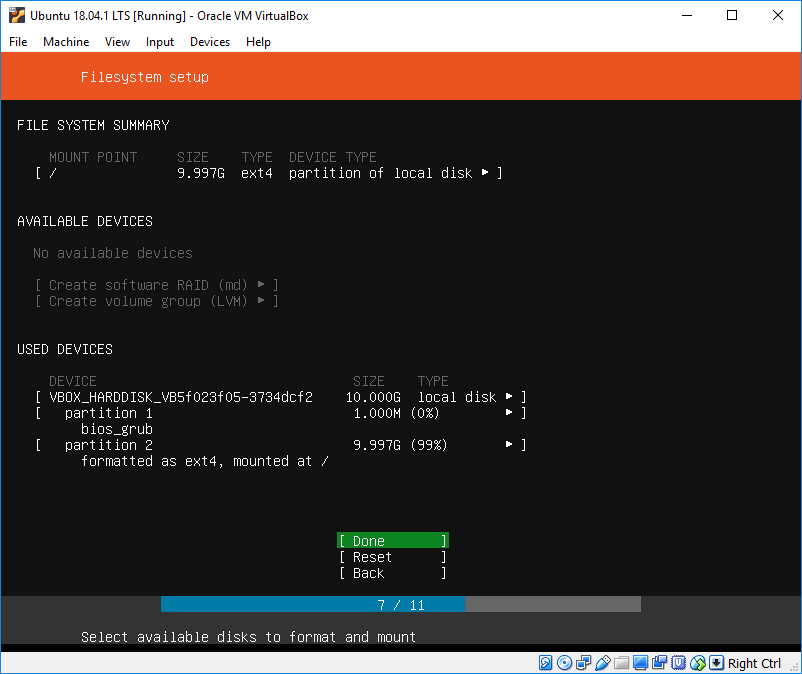
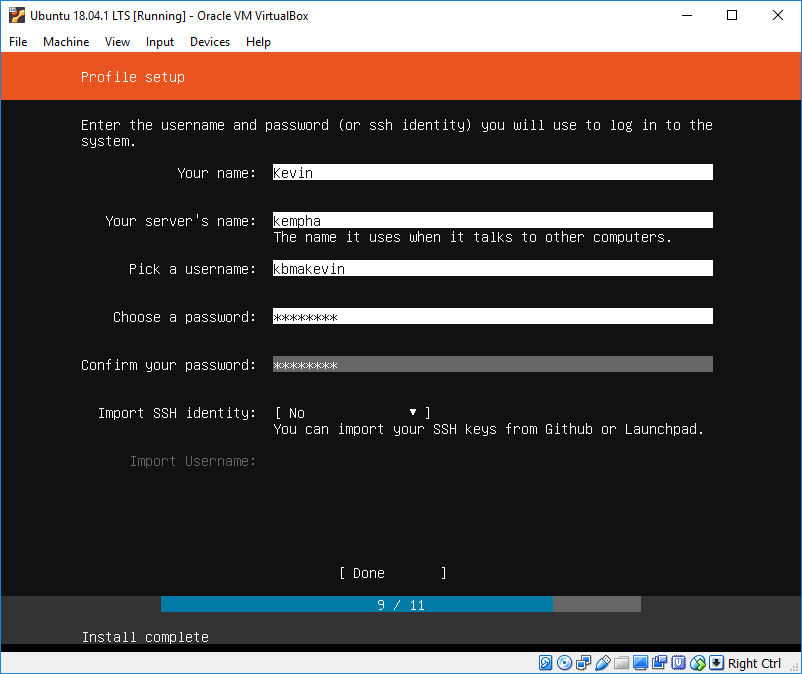
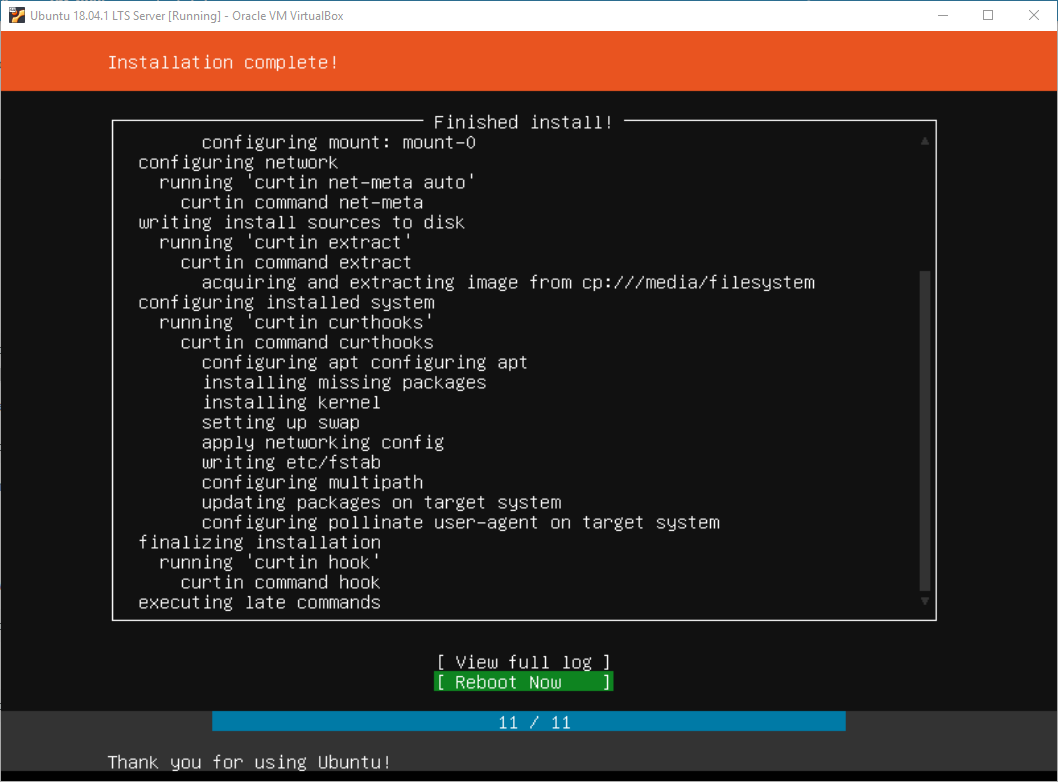
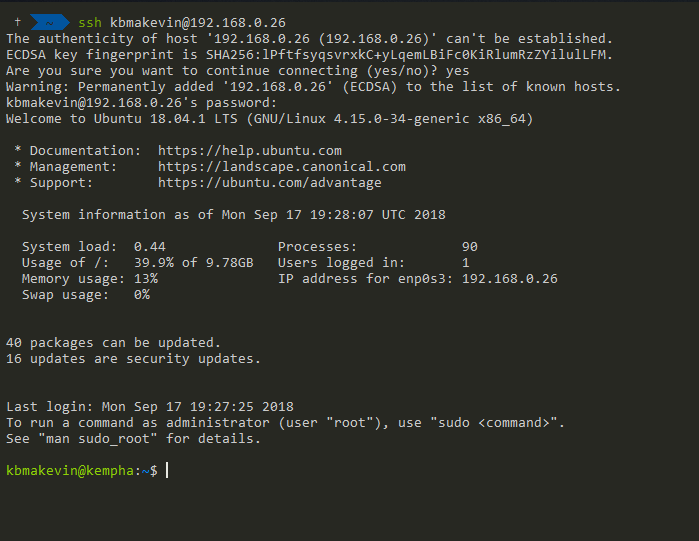
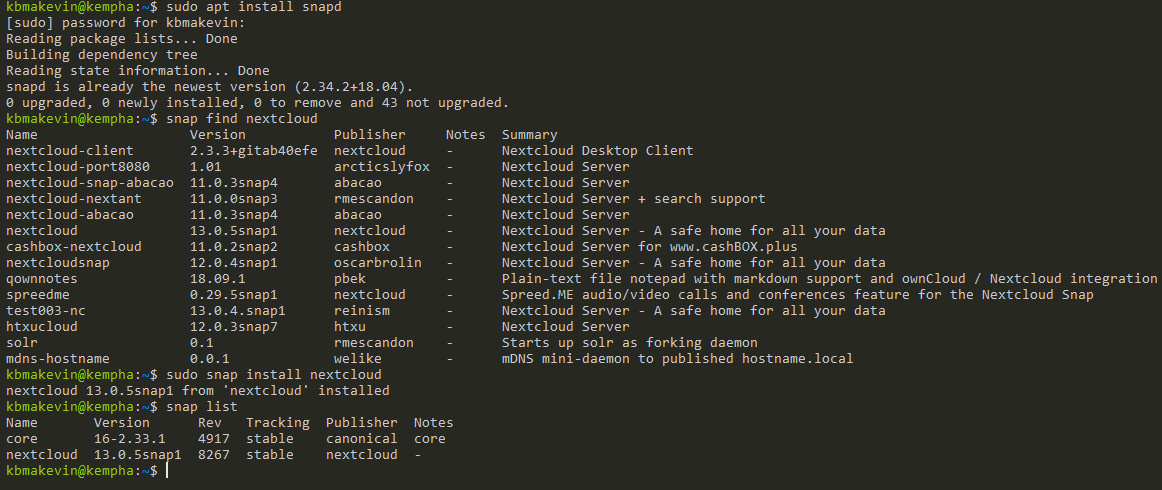
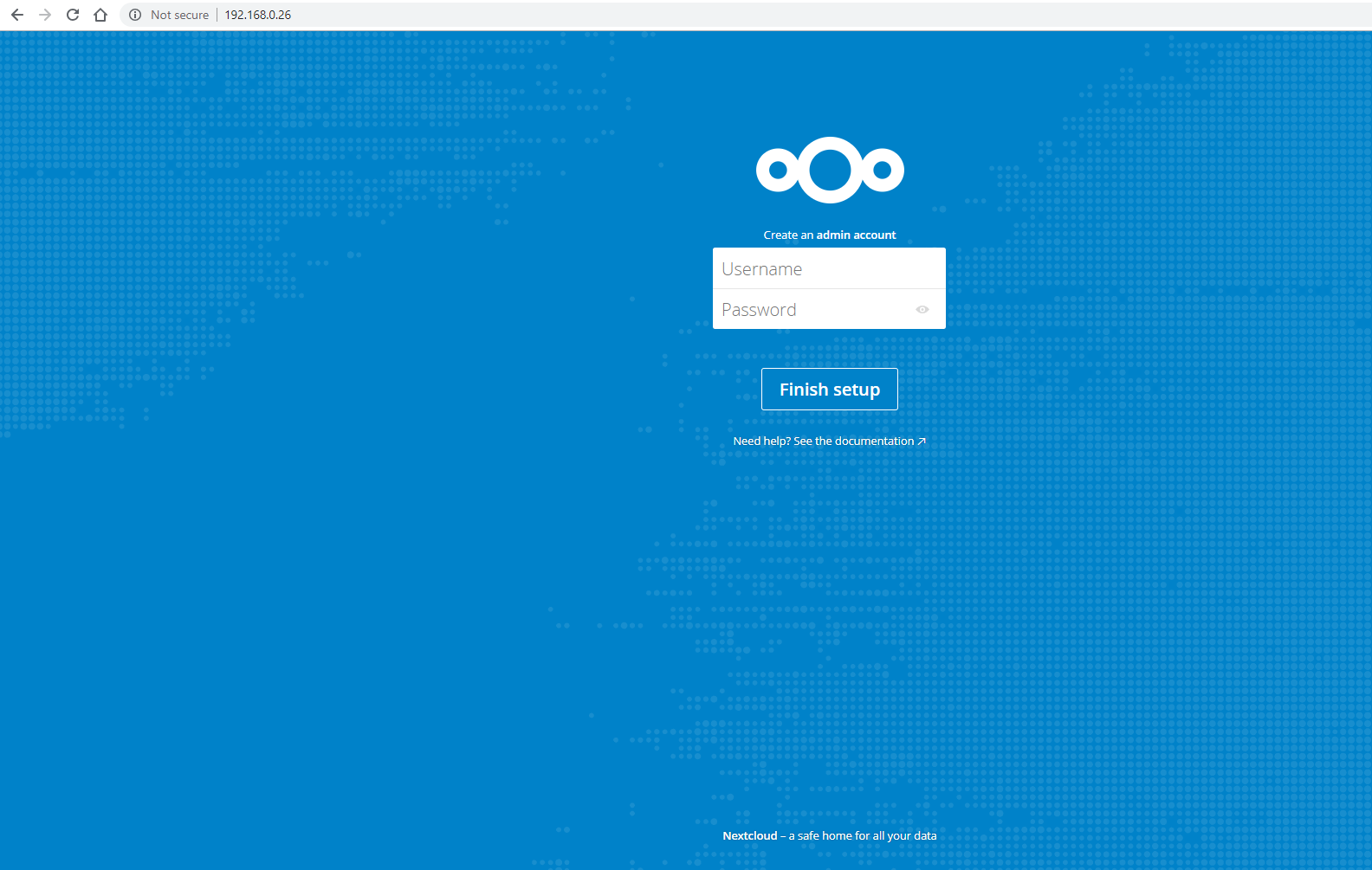
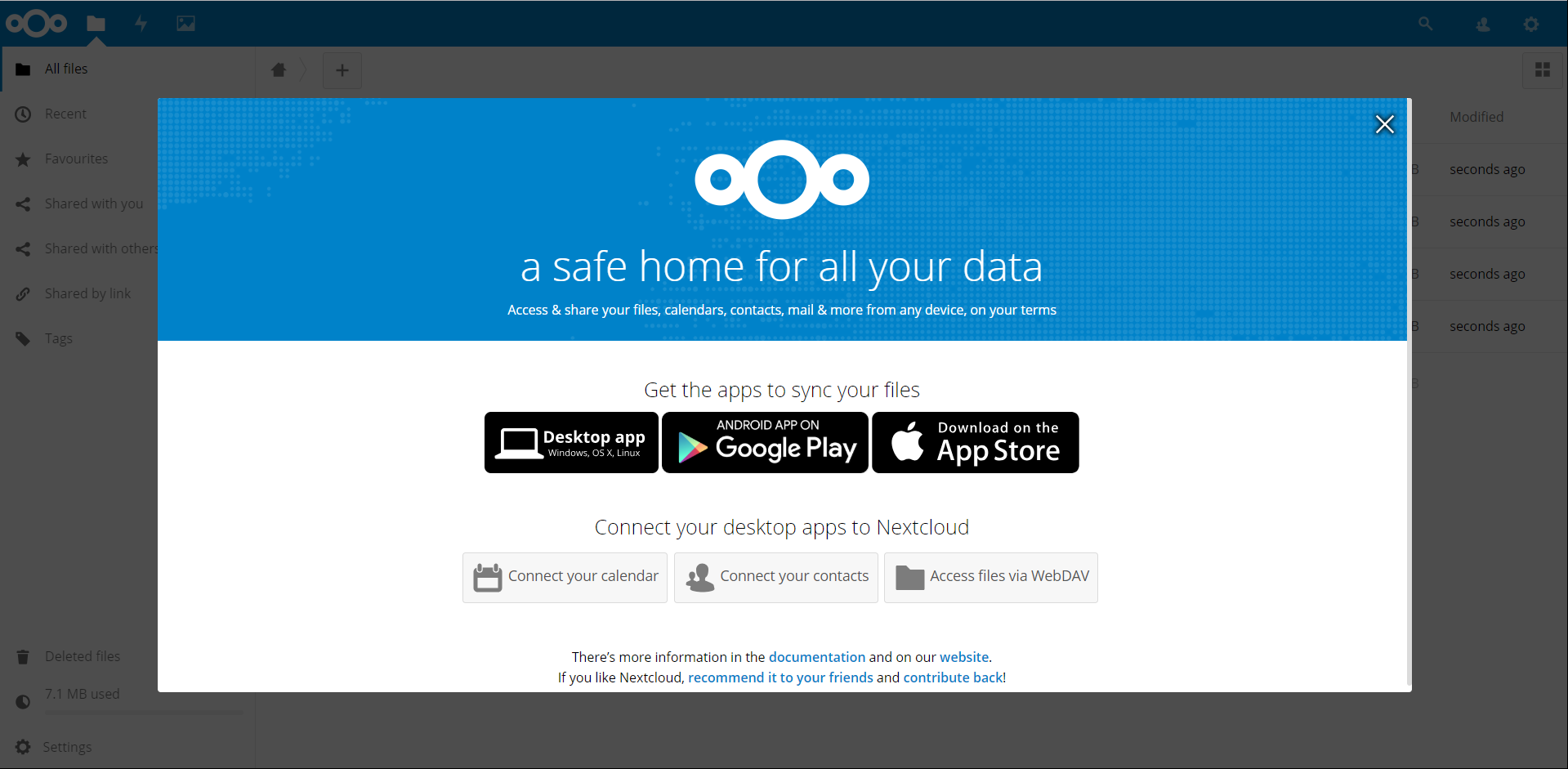
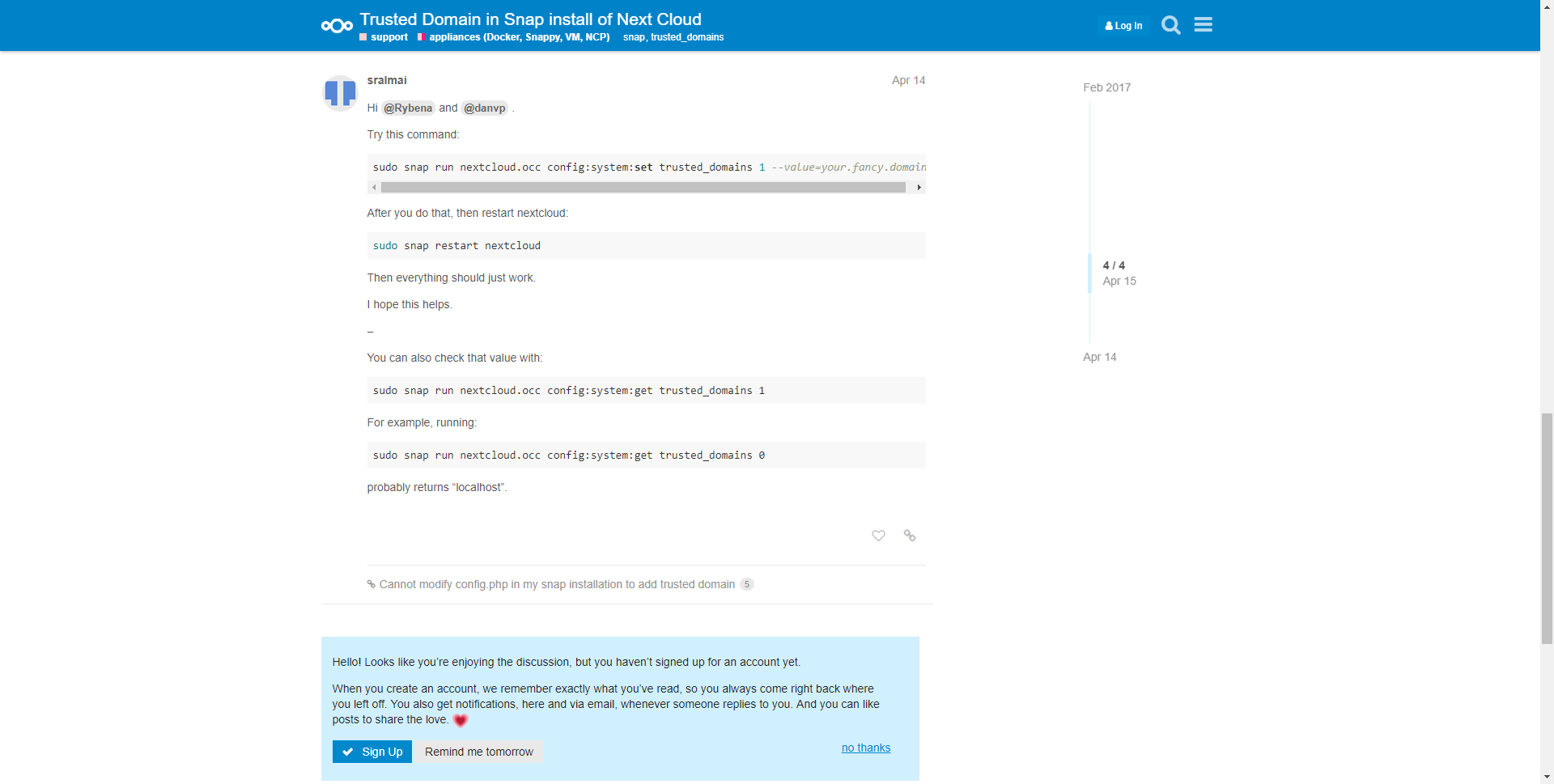
How to Setup your own Simple Personal Private Cloud: Nextcloud

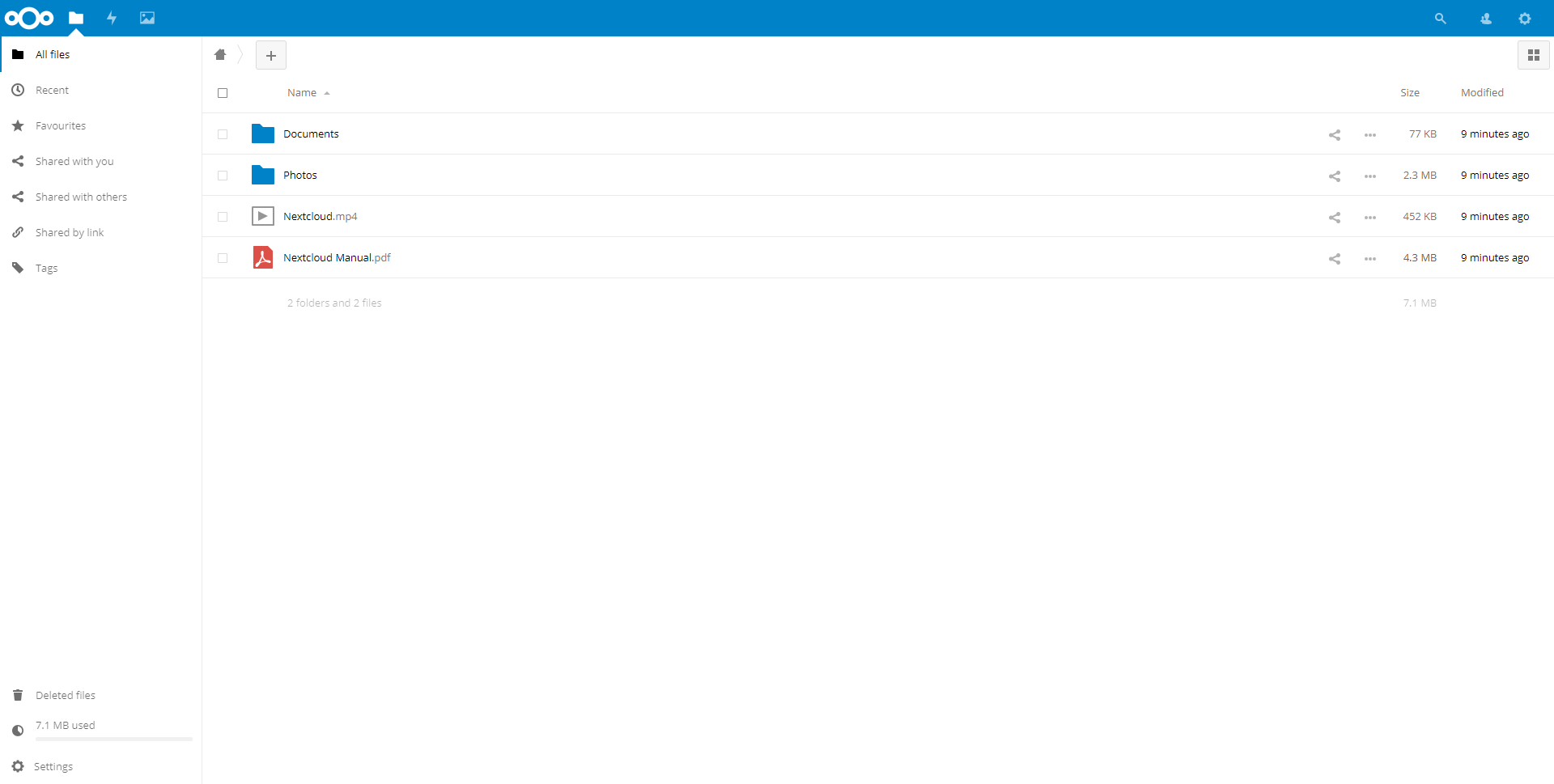
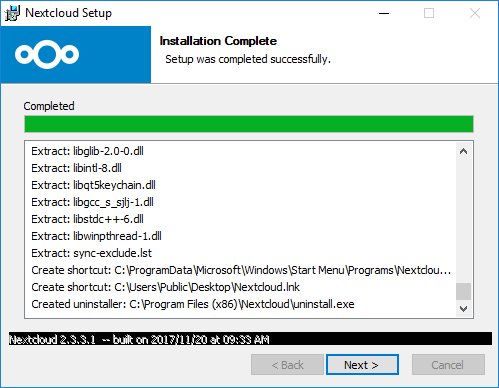
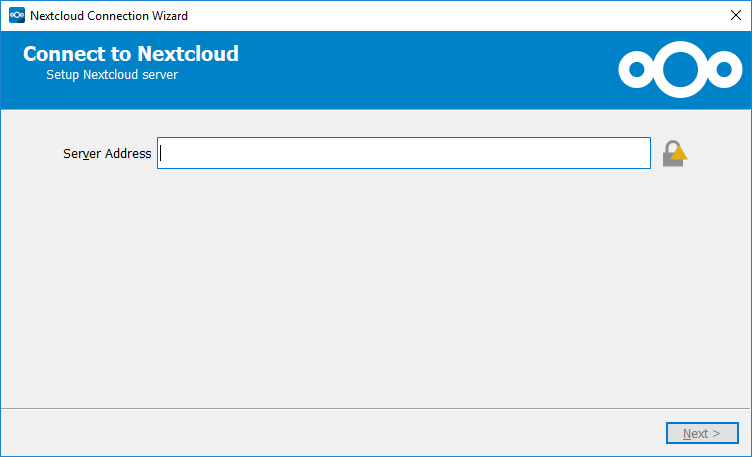
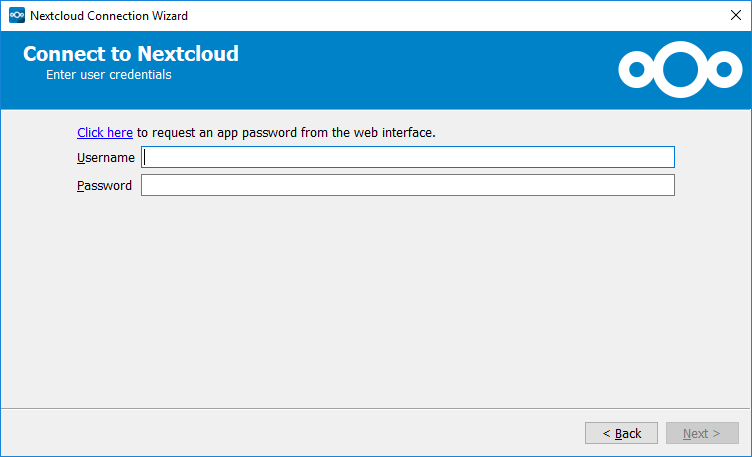
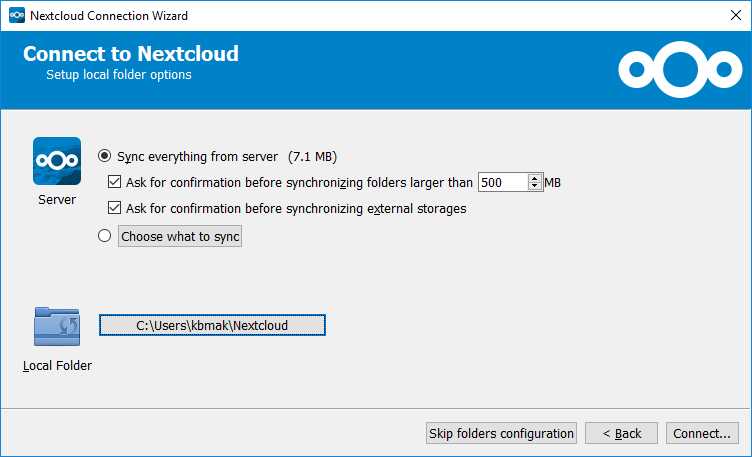
1. Install VirtualBox
2. <https://www.virtualbox.org/wiki/Downloads>
3. Install Ubuntu Server 18.0.4.4 LTS (in Windows)
4. <https://www.ubuntu.com/download/server>
5. Create a new Virtual Machine in Oracle VirtualBox
   1. 
   2. 1024 MB memory
   3. Create a virtual hard disk now (10GB)
   4. Hard disk file type: VDI (VirtualBox Disk Image)
   5. Storage on physical hard disk dynamically allocated (only use space as it fills up, up to maximum fixed size (will not auto shrink when space freed)
   6. Disable Audio



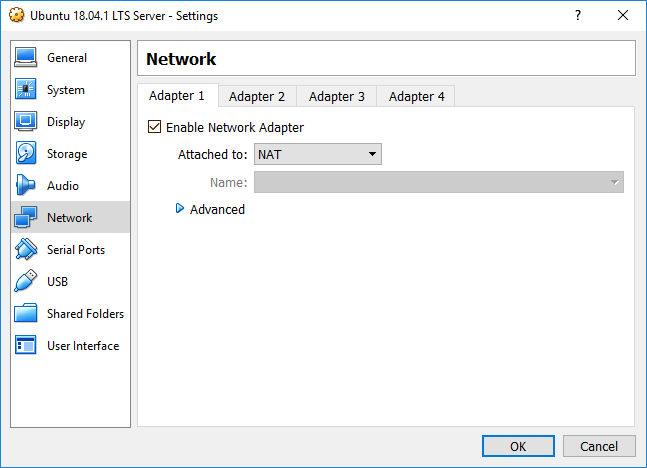
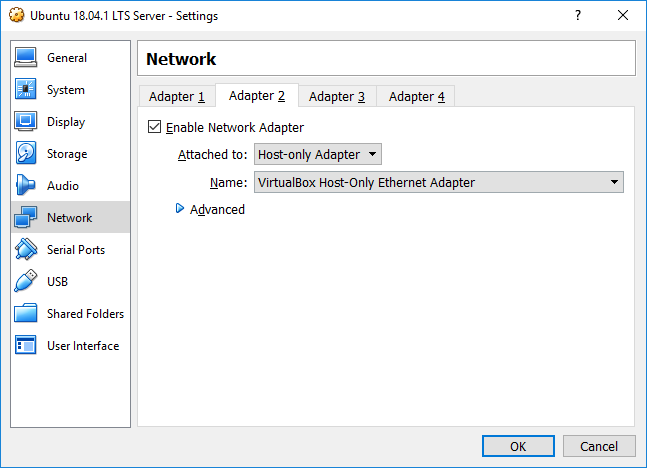
* 1. 

1. Install Ubuntu Server
   1. 
   2. 
   3. 
   4. 
   5. 
   6. 
   7. Admin
   8. Password100200!
   9. 
   10. 
2. Go to the ip address of your ubuntu server in your favorite browser to create an admin account to finalize the nextcloud setup.

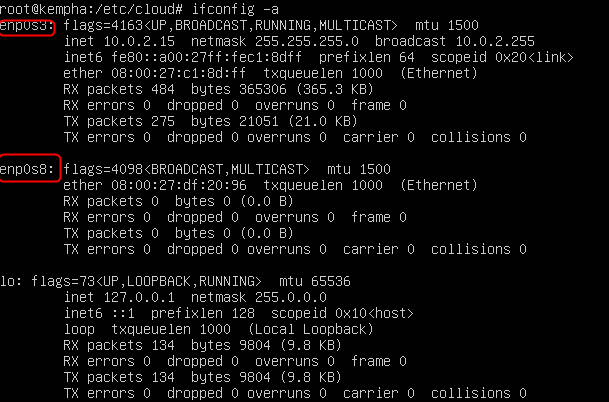


1. 
2. Install nextCloud clients (Desktop, Mobile)
3. 
4. 
5. 
6. 

Setup static ip address for ubuntu in virtualbox

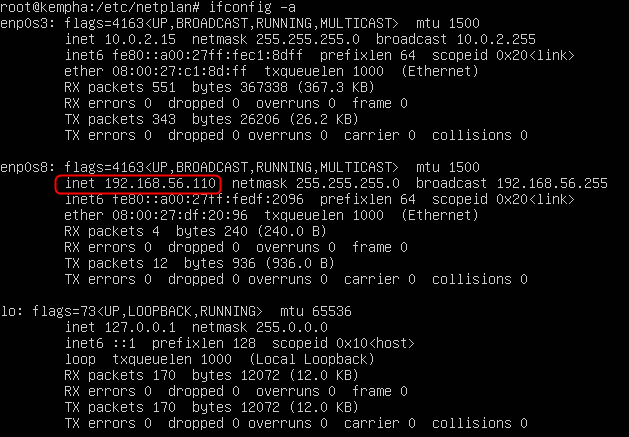
1. 
2. 
3. First, you need to identify the network interface you are going to configure. You can list all attached network interfaces on your system using the ifconfig command as shown.

$ ifconfig -a

1. 
2. Check with ifconfig on your VM for your ethernet name mine is enp0s3 for NAT and enp0s8 for host-only.
3. From the output of the above command, we have 3 interfaces attached to the Ubuntu system: 2 ethernet interfaces and the loop back interface. However, the enp0s8 ethernet interface has not been configured and has no static IP address.
4. we will configure a static IP for the enp0s8 ethernet network interface.
5. Important: In case a YAML file is not created by the distribution installer, you can generate the required configuration for the renderers with this command.
6. $ sudo netplan generate
7. Make changes



1. Sudo netplan apply
2. Ifconfig -a to check



1. <https://www.youtube.com/watch?v=jnf0bwbenDE> How To Access A Local Website (localhost) from Internet with Port Forwarding
2. <https://www.noip.com/>

https://nextcloud.com/blog/nextcloud-joins-storj-labs-to-deliver-decentralized-secure-storage/

https://storj.io/

https://nextcloud.com/compare/

nextCloud original developer left owncloud to develop nextcloud

nextcloud all features free

owncloud some paid for features

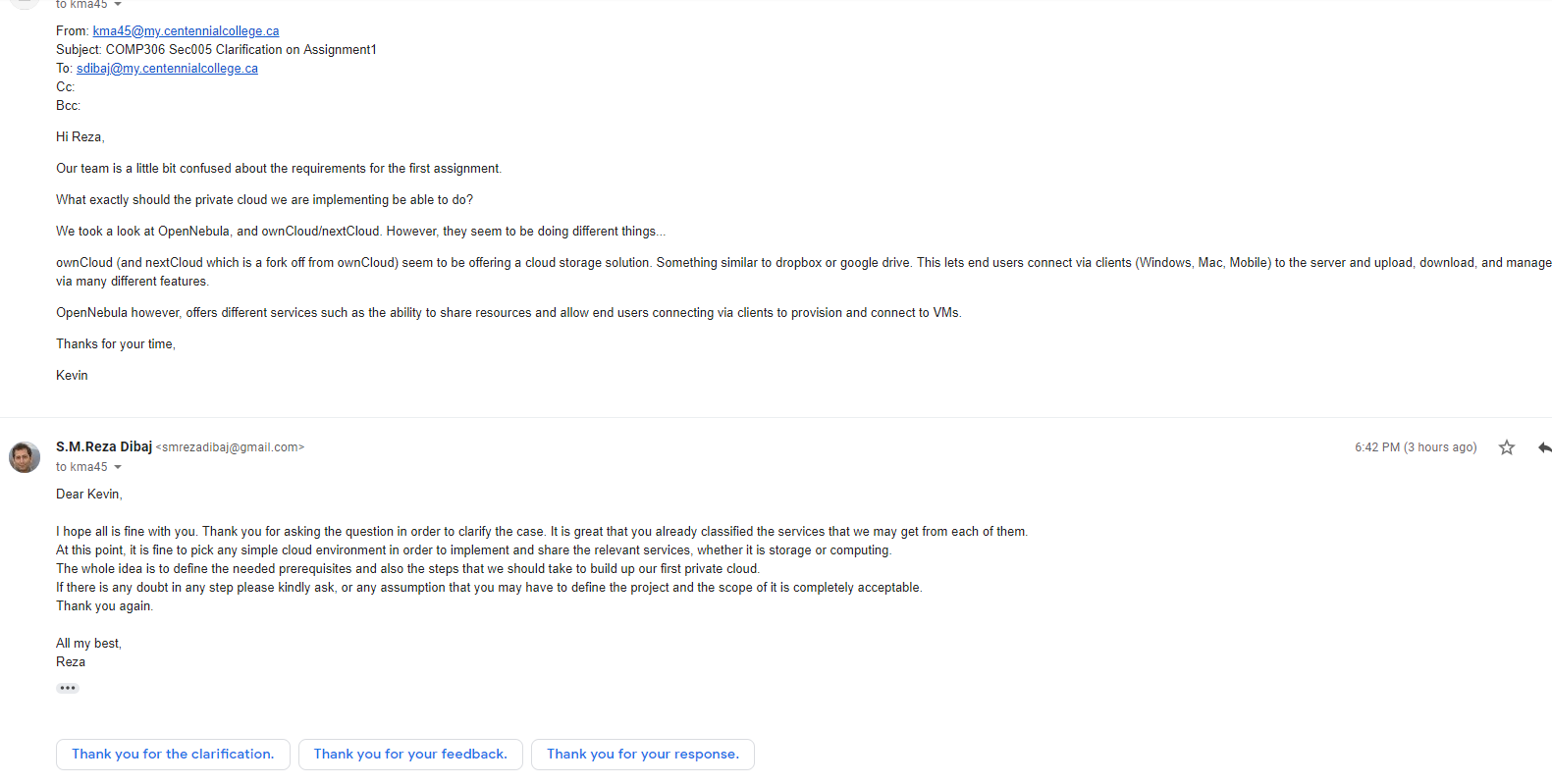
anything that works in owncloud works in nextcloud

e.g. apps/extensions; nextcloud developers have their own apps/exts too

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NAT allows us to talk to internet

host-only adapter lets us ssh into the machine, dont need to use vbox terminal



Storj alternative

Decentralized cloud storage

What is Storj & How Does It Work? <https://www.youtube.com/watch?v=1RTfUgn69DE>