

## Assignment 4 Instructions

Share a Directory on your Guest Linux OS Using Samba

- 1) Install the samba package on your Linux Virtual Machine.
- 2) enable and start smb and nmb
- 3) Add a new share to smb.conf
- 4) The share should be located in one of your Linux user's folders called shared. Make sure that the permissions are set correctly.
- 5) Use testparm to ensure that the smb.conf syntax is correct.
- 6) Connect to the share from the Windows command line prompt
- 7) Create a video and upload to demonstrate your file share. Upload the video on Youtube and share the link.

### Instructions:

1. Create a title slide deck that must include your Full Name, Student ID, and a current image of you.
2. Record a video that captures your slide and your voice.
  - a. You can use tools like OBS (<https://obsproject.com/>), Camtasia (<https://www.techsmith.com/video-editor.html>) to record your video
  - b. You do not need to perform any post-processing or editing (but it would be nice).

c. Ensure that your voice can be heard clearly and that your screen can also be seen clearly

3. Upload your Video to YouTube (or other streaming video provider)

a. You need to have a google account

b. You need to create a YouTube channel

c. No need to share your video publicly you can mark it as unlisted and distribute the link.

**In your video include:**

1) Show that Samba (smb) is running using the systemctl status command. (1 Mark)

2) Show that nmb is running using the systemctl status command. (1 Mark)

3) Add a new share to smb.conf. Display your smb.conf file. (5 Marks)

4) The share should be located in one of your Linux user's folders called shared. Make sure that the permissions are set correctly. Show the commands that you run to give proper permissions to this share. (3 Marks)

5) Use testparm to ensure that the smb.conf syntax is correct. Connect to the share from the Windows command line prompt. Copy a file from the Windows directory to your Linux shared folder (5 Marks)

Upload your video to YouTube and display the link in the Assignment 4 dropbox. Upload a copy of your smb.conf into the dropbox as well.