Exercise 13.4: Create a private share for a single user

- Create and share the directory /home/export/private/ as the share name `private` and populate it with files:

  ```
  # mkdir /home/export/private/
  # touch /home/export/private/PRIVATE_FILES_ONLY
  # chown -R student: /home/export/private
  ```

- Create a **Samba** password for the `student` account.

- Allow full access to the `student` account.

Solution 13.4

1. Edit the file /etc/samba/smb.conf and add this stanza to the bottom.

   ```
   [private]
       path = /home/export/private
       comment = student's private share
       read only = No
       public = No
       valid users = student
   ```

2. Add a samba password for `student`.

   ```
   # smbpasswd -a student
   ```

3. From a remote system, verify the access for the student account:

   ```
   $ smbclient -U student //SERVER/private
   ```

   Test read and write access.

4. Create a **credential's** file with the `student` id and password for later use when adding the mounts to the fstab.

   ```
   # echo "username=student" > /root/smbfile
   # echo "password=student" >> /root/smbfile
   # chmod 600 /root/smbfile
   ```