

Linux – lab 3

Your lab reports with notes from previous laborations and lecture notes could be of great help during the laboration.

Prepare as usual by creating a copy of the Ubuntu server virtual machine and start it.

Preparation - read about the following commands and files.

ssh _____
sshd _____
/etc/ssh/sshd_config _____
ftp _____
vsftpd _____
/etc/vsftpd _____
nfs _____
nfs-common _____
nfs-kernel-server _____
exportfs _____
/etc/exports _____
showmount _____
adduser _____
su _____

1. Configure your network so you get Internet access. (see lab 2)

2. Install the ssh server. (see the course book) If you want to, change the standard port to something different. Don't forget to restart the server.

3. Install the vsftp server. (see the course book) Make sure you turn on anonymous access in the configuration file. Add a file to the folder where the files for the anonymous user will be stored.

4. Install the nfs server. (see the course book) Create a folder and put a file in this folder. Hand out the said folder using nfs.

5. Create a new user, ide2, with the username ide2. Add a text file with some content in that users home directory. Make sure ide2 is the owner of the file, not ide or root.

6. It is now time to test your installations locally (use IP 127.0.0.1). Come up with strategies for testing your installations:

SSH _____

FTP _____

NFS _____

7. Test the servers locally.
