

Module Code	CMPU4050
Module Name	Systems Integration
Programme Name	BSc Computing
Programme Stage	4
Semester Taught	Semester 1
Percentage of Module	15%

CA2: Server Configuration HowTo

Using the Ubuntu virtual servers previously created, configure a server client arrangement and document the setup.

As a minimum the server should do the following:

- DNS server for the domain example.lan with forward and reverse lookup
- DHCP server to clients in the range 192.168.1.150 - 200
- NFS sever to share /home/myshare
- FTP server

The client should receive it's IP address from the DHCP server and be able to do forward and reverse lookup of the domain example.lan.

The client should also be able to mount the share folder at startup and be able to FTP into the server.

Document your work with instructions in the form of a ReadMe or HowTo. Include with your submitted work copies of configuration files. The requirements stated represent the **minimum** requirements for server configuration. You may add other functionality such as NTP or SSH access with pre-generated keys for consideration.