

LAB 2 WORKSHEET

CONFIGURING DNS AND DHCP

Exercise 2.1 Designing a DHCP Environment

Overview	You have been selected with creating a new DHCP environment structure for your organization. Your first task is to design that environment by specifying appropriate domains and IP ranges for the computers in the domain.
Completion time	30 minutes

In the diagram provided in Figure 2-1, write both the domain names and the fully qualified domain names that you have selected for the computers in the appropriate spaces.

The diagram given for this project does not support editing so I would start at `server1.com` as the root domain, then the internal, `internal.server1.com`, then the external, `external.server1.com`, where `internal.server1.com` will finally give `internal.client1.com`. After that it is just a matter of assigning appropriate IPGW's on all the individual devices, as in, `192.168.1.100` for the file server (FS) on domain `server1.com` (FS) on the internal domain (internally) of the main domain (`server1.com`) and repeat for each device with appropriate routing information for each.

Exercise 2.2 Creating a Zone