

Assignment 1: DHCP

Marking Schedule

IN715 Networks Administration

September 25, 2015

Marking guide

There are 35 possible marks.

- Successful demonstration of service: 5 marks
- Issues domain name `foo.org.nz`: 1 mark
- Correct DNS server addresses: 1 mark;
- Your server will be authoritative: 1 mark;
- It will use an address pool of 172.16.5.100 - 172.16.5.150: 5 marks
 - The gateway for this pool will be 172.16.5.2;
 - The default lease time shall be 1 day;
 - The maximum lease time shall be 2 days;
- On the same network as the pool above, reserve an address of 172.16.5.30 for your Linux client on that network: 2 marks;
- It will use a second address pool of 192.168.2.50 - 192.168.2.100: 5 marks
 - The gateway for this pool will be 192.168.2.2
 - The default lease time shall be 8 hours
 - The maximum lease time shall be 12 hours.
- DHCP failover configuration
 - Primary server: 5 marks
 - Secondary server: 5 marks
- DHCP Relay server: 2 marks
- Correct submission via GitHub: 3 marks