Week 1 Assignment

Description

You will setup and configure DHCP

Tasks

- Configure one of your hosts as a DHCP server
- At least one linux fixed machine
- At least one linux dynamic machine
- At least one windows fixed machine
- At least one windows dynamic machine

I would begin by cloning the image called `f23_jammy_partitioned_dhcp`. The OS has already been installed and set to use dhcp. If this machine needs to have a static ip address you would need to edit the file that is in the /etc/netplan directory to make it look something like this:

```
    network:
      ethernets:
        ens4:
          addresses:
            #you will need to change the address and possibly netmask below
          - 144.38.199.36/28
          nameservers:
            addresses:
            - 144.38.192.2
            - 144.38.192.3
            search:
            - cs.utahtech.edu
          routes:
          - to: default
            #change the next line to match your gateway
            via: 144.38.199.33
      version: 2
```

The windows image that you should clone is `windows_10`.

Usernames and passwords for the clones are found within an announcement on Canvas.

You should be able to utilize the screenshots posted on canvas to do any of the assignment if you get stuck.

To Pass Off

Create a single PDF file with the following elements:

- A copy of your dhcpd.conf file
- A copy of your current leases
- Printscreens that machines are getting dynamic dhcp addresses
- Printscreens that machines are getting fixed dhcp leases.
- Convert to pdf.
- Submit to Canvas