Data Communications Laboratory

**Introduction to Networking and the Comware CLI**

Documentation Task 1

Include in your documentation the name and email address of your practical demonstrator.

Demonstrator’s name: Michael Lay

Demonstrator’s email:

Documentation Task 2

Include in your session documentation a statement that you have read and understood these rules.

Documentation Task 3.

Document clearly the numbers of the outlets on your desk and which patch panel those outlets are connected to. Can you easily determine which panel in the switch you connection is patched to? If so, document that as well. If not, note that you can’t. Both ends of the cables should be labeled, so you can easily tell which patch panel socket is connected to which switch port. This is useful for a number of reasons including:

1. You can tell what goes where
2. If the setup is properly documented, you can easily put things back together if cables are accidentally pulled out
3. If something goes wrong it’s easier to find out what’s wrong, what ports are dead and shouldn’t be used, etc.

Make sure you document your findings for this task (either the switch port or the lack of cable labelling).

Documentation Task 4

Document your progress in configuring your Network Interface Card (NIC) – include any relevant information (such as the names of the machines) and any problems you encountered.

Documentation Task 5

Did you ping succeed? If not why do you think that might be?

**Exercise 1: Comware modes, Help, basic commands**

**Step 3: System Help Commands.**

Type ‘**?**’ in user mode. Press enter at “—more—“ prompt.

List eight available commands from the router response:

**Step 5: Enter into system mode and type ‘?’. Press spacebar at ‘—more—‘ prompt.**

List 10 commands from the router response:

**Step 6: Examine the current configuration.**

Display the current router configuration by using the command show running-config at the privileged mode prompt.

**Router# display current-configuration**

List six key pieces of information shown with this command:

**Step 15:Type the command to view all commands in the history.**

**Router> display history-command**

**What do you observe?**

**Exercise 2: Exercise 2: Configuring Banners**

**Show this and what you have done to your prac supervisor.**