

Practical 8B – Configuring Network Settings

Course : ITDF15 - Diploma in Infocomm & Security

Module : IT2654 – System Administration & Security

## **Objectives**

1. Configure network settings for RHEL Server and RHEL Client.

## **Lab Requirements**

1. Download and unzip/extract the RHEL 6 Server and Client virtual machines (VM). Open the VMs in VMWare Workstation.

## **Tasks**

1. Configure the network adapter of the 2 VMs to **host-only** setting.

2. Login to the RHEL 6 Server as **root** (password is **redhat**)

*(note: the steps to configure the network settings are explained in the E-Lecture)*

3. Configure the RHEL 6 Server network settings as:

- a. IPv4 address = 10.0.0.5
- b. Subnet mask = 255.0.0.0
- c. DNS = 10.0.0.5

4. Login to the RHEL 6 Client as **root** (password is **redhat**)

5. Configure the RHEL 6 Client network settings as:

- a. IPv4 address = 10.0.0.200
- b. Subnet mask = 255.0.0.0
- c. DNS = 10.0.0.5

6. Try to ping each other until successful.

7. What do these commands do?

- a. ifconfig (take note of the eth value)
- b. ifdown <eth?> (replace eth? With your network eth value)
- c. ifup <eth?>
- d. ip addr

**END OF LAB**