

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?

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

END OF LAB