



Network Lab

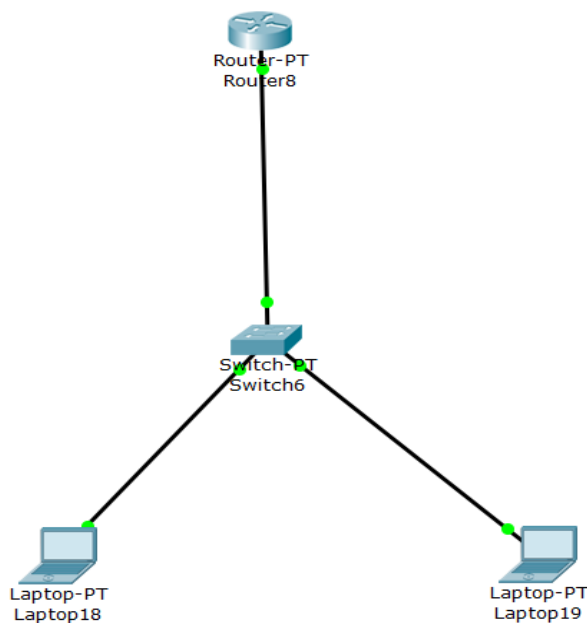
Lec 4: Telnet Configuration

By: MSc Rajaa Mahmood

Telnet Configuration

Telnet is an **application layer protocol** that allows a network administrator to access and manage **remote** devices. A user on a client machine can use a software (also known as a **Telnet client**) to access a command-line interface of another, remote machine that is running a **Telnet server** program.

1. Build the network topology below



2. Configure **enable password** or **enable secret password** on the router

```
Router>en
Router#config term
Router(config)#enable password admin
```

3. Configure IP addresses on the admin PC and interface fa0/0 of the router.

Router

```
Router(config)#int fa0/0
Router(config-if)#ip address 10.0.0.1 255.0.0.0
Router(config-if)#no shut
```

Admin PC

IP address 10.0.0.10 Subnet mask 255.0.0.0 Default gateway 10.0.0.1

4. **Configure Telnet password** on **VTY lines** and configure remote login.

```
Router(config)#
Router(config)#line vty 0 15
Router(config-line)#password cisco
Router(config-line)#login
```

5. We can now telnet the router using the IP address of **fa0/0** interface. So, in the command prompt of the admin PC type **telnet 10.0.0.1** then hit enter key.
6. Provide Telnet Password (that you set in step 4), then hit enter. Correct password allows you access the CLI of the router .
7. Now provide the enable password (that you set in step 2) to be allowed into **privileged executive mode** of the router.

Thank you