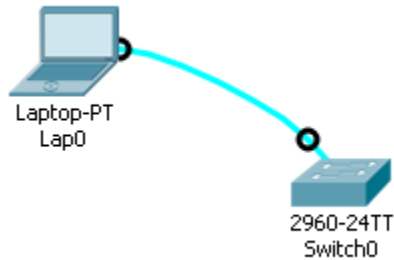


# CCNA Sem01 Lab#02

## Lab02 Topology



## Securing Device Access

### Step 1: Console into the switch.

- 1- Establish a console connection to the switch0 from Lap0 (Select Console Cable from connections in Cisco Packet Tracer).

### Step 2: Enter privileged EXEC mode.

You can access all switch commands in privileged EXEC mode.  
Enter privileged EXEC mode by entering the **enable** command.

1. Switch> **enable**
2. Switch#

The prompt changed from **Switch>** to **Switch#** which indicates privileged EXEC mode.

### Step 3: Enter configuration mode.

Use the **configuration terminal** command to enter configuration mode.

1. Switch# **configure terminal**
2. Switch(config)#

The prompt changed to reflect global configuration mode.

### Step 4: Set a password on the privileged EXEC mode of the switch

Limits access to the privileged EXEC mode of the **Switch**.

1. Switch(config)# **enable password** cisco1

Encrypted, limits access to the privileged EXEC mode of the **Switch**

1. Switch(config)# **enable secret** cisco2
2. Switch(config)# **exit**
3. Switch # **show running-config**

Enable secret overrides enable password command

### Step 5: Set password on Console line of the Switch.

Limits device access using the console connection

1. Switch# **configure terminal**
2. Switch(config)# **line console 0**
3. Switch(config-line)# **password** cisco3
4. Switch(config-line)# **login**
5. Switch(config-line)# **exit**
6. Switch(config)#

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### **Step 6: Encrypting Password Display**

1. Switch(config)# **service password-encryption**
2. Switch(config)# **exit**
3. Switch # **show running-config**

### **Step 7: Show Banner Messages**

1. Switch# **configure terminal**
2. Switch(config)# **banner motd #Authorized Access Only!!#**

### **Step 8: Remove startup configurations**

1. Switch # **show startup-config**
2. Switch # **erase startup-config**
3. Switch # **show startup-config**

### **Step 9: Save running configuration**

1. Switch # **copy running-config startup-config.**