CSIS 330 – Lab 8: Packet Tracer

Configuring Initial Switch Settings Answer Template

**Part 1:**     **Verify the Default Switch Configuration**

**Step 2:**     **Examine the current switch configuration.**

b.    Answer the following questions:

(1) How many FastEthernet interfaces does the switch have?

(2) How many Gigabit Ethernet interfaces does the switch have?

(3) What is the range of values shown for the vty lines?

(4) Which command will display the current contents of non-volatile random-access memory (NVRAM)?

(5) Why does the switch respond with startup-config is not present?

**Part 2:**     **Create a Basic Switch Configuration**

**Step 2:**     **Secure access to the console line.**

Why is the **login** command required?

**Step 7:**     **Verify that the enable secret password is added to the configuration file.**

b.    What is displayed for the **enable secret** password?

c.     Why is the **enable secret** password displayed differently from what we configured?

**Step 8:**     **Encrypt the enable and console passwords.**

1. If you configure any more passwords on the switch, will they be displayed in the configuration file as plain text or in encrypted form?
2. Explain why?

**Part 3:**     **Configure a MOTD Banner**

**Step 1:**     **Configure a message of the day (MOTD) banner.**

1. When will this banner be displayed?
2. Why should every switch have a MOTD banner?

**Step 2:**     **Save the configuration file.**

What is the shortest, abbreviated version of the **copy running-config startup-config** command?

**Step 3:**     **Examine the startup configuration file.**

1. Which command will display the contents of NVRAM?
2. Are all the changes that were entered recorded in the file?