

10.11 Lab: Harden a Switch

Candidate: COMPTIA COMPTIA ()

Time Spent: 00:15

Score: 0%

Task Summary

Required Actions

✕ Disable the unused ports [Show Details](#)

✕ Configure Port Security settings for the used ports [Show Details](#)

Explanation

While completing this lab, use the following information:

Unused Ports	Used Ports
GE2	GE1
GE7	GE3-GE6
GE9-GE20	GE8
GE25	GE21-GE24
GE27-GE28	GE26

Complete this lab as follows:

1. Shut down the unused ports.
 - a. Under Initial Setup, select **Configure Port Settings**.
 - b. Select the **GE2** port.
 - c. Scroll down and select **Edit**.
 - d. Under Administrative Status, select **Down**.
 - e. Scroll down and select **Apply**.
 - f. Select **Close**.
 - g. With the GE2 port selected, scroll down and select **Copy Settings**.
 - h. In the Copy configuration field, enter the remaining **unused ports**. (View the example for the proper syntax.)
 - i. Select **Apply**. From the Port Setting Table, in the Port Status column, you can see that all the ports are down now.
2. Configure the Port Security settings.
 - a. From the left menu, expand **Security**.
 - b. Select **Port Security**.
 - c. Select the **GE1** port.
 - d. Scroll down and select **Edit**.

- e. For Interface Status, select **Lock**.
- f. For Learning Mode, make sure **Classic Lock** is selected.
- g. For Action on Violation, make sure **Discard** is selected.
- h. Select **Apply**.
- i. Select **Close**.
- j. Scroll down and select **Copy Settings**.
- k. Enter the remaining **used ports**. (View the example for the proper syntax.)
- l. Select **Apply**.