Lab Report

Your Performance

Your Score: 0 of 5 (0%)   Pass Status: Not Passed

Elapsed Time: 1 minute 34 seconds   Required Score: 100%

Task Summary

✖ Create an access profile to restrict management access   Hide Details

> ▬ Create the MgtAccess profile
> ▬ Create the deny rule

✖ Add a profile rule   Hide Details

> ▬ Create the allow rule

✖ Set the active access profile

✖ Save changes to the startup configuration

✖ Upgrade the firmware

Explanation

In this lab, you perform the following:

- Create an Access Profile called **MgtAccess** and configure it with with the following settings:

Setting	Value
Access Profile Name	**MgtAccess**
Rule Priority	**1**
Management Method	**All**
Action	**Deny**
Applies to Interface	**All**
Applies to Source IP address	**All**

- Add a Profile Rule to the **MgtAccess** profile with the following settings:

Setting	Value
Rule Priority	**2**
Management Method	**HTTP**
Action	**Permit**
Applies to interface	**All**
Applies to Source IP address	**User defined** IP Version: **Version 4** IP Address: **192.168.0.10** Network Mask: **255.255.255.0**

- Set the **MgtAccess** profile as the active access profile.
- Save the changes to the switch's startup configuration file.
- Update the firmware image to the latest version by downloading the firmware files found in **C:\Sx300_Firmware\ Sx300_FW-1.2.7.76.ros**.

Complete this lab as follows:

1. Create an access profile as follows:
    a. From the left menu, expand **Security**.
    b. Expand **Mgmt Access Method**.
    c. Select **Access Profiles**.
    d. Under Access Profile Table, select **Add**.
    e. Enter the *access profile name*.
    f. Enter the *rule priority*.
    g. Under Management Method, make sure **All** is selected.
    h. Enter the *action*.
    i. Under Applies to Interface, make sure **All** is selected.
    j. Under Applies to Source IP Address, make sure **All** is selected.
    k. Click **Apply**.
    l. Click **Close**.

2. Add a profile rule as follows:
    a. From the left menu, select **Profile Rules** under Mgmt Access Method.
    b. Select the **MgtAccess** profile.
    c. Select **Add**.
    d. Enter the *rule priority*.
    e. Select the *management method*.
    f. Under Action, make sure **Permit** is selected.
    g. Under Applies to Interface, make sure **All** is selected.
    h. Under Applies to Source IP Address, select **User Defined**.
    i. Under IP Version, make sure **Version 4** is selected.
    j. Enter the *IP address*.
    k. Enter the *network mask*.
    l. Click **Apply**.
    m. Click **Close**.

3. Set the MgtAccess profile as the active access profile as follows:
    a. From the left menu, select **Access Profiles**.
    b. From the Active Access Profile drop-down list, select **MgtAccess**.
    c. Click **Apply**.
    d. Click **OK**.

4. Save the changes to the switch's startup configuration file as follows:
    a. From the top, select **Save**.
    b. Under Source File Name, make sure **Running configuration** is selected.
    c. Under Destination File Name, make sure **Startup configuration** is selected.
    d. Click **Apply**.
    e. Click **OK**.

5. Upgrade the firmware image to the latest version as follows:
    a. From the left menu, select **Getting Started**.
    b. Select **Upgrade Device Software**.
    c. Under File Name, select **Choose File**.
    d. Browse to and select **C:\Sx300_Firmware\Sx300_FW-1.2.7.76.ros**.
    e. Select **Open**.
    f. Click **Apply**.
    g. Click **OK**.
    h. Under File Management in the left menu, select **Active Image**.
    i. Under Active Image After Reboot, select **Image 2** from the drop-down list.
    j. Click **Apply**.
    k. From the left menu under Administration, select **Reboot**.
    l. Click **Reboot**.
    m. Click **OK**.
    n. Log back in as user **ITSwitchAdmin** with the password **Admin$0nly2017** (0 is zero).
    o. Select **Log In**.