8.2.6 Configure Rogue Host Protection

Your Performance

Your Score: 0 of 5 (0%)
Pass Status: **Not Passed**
Elapsed Time: 1 minute 7 seconds
Required Score: 100%

Task Summary

Required Actions

- ✗ Configure self-healing Hide Details
  - Automatically adjust AP radio power
  - Use Background Scanning on 2.4GHz channels
  - Use Background Scanning on 5GHz channels
- ✗ Configure background scanning Hide Details
  - Run a background scan every 30 seconds on the 2.4GHz radio
  - Run a background scan every 30 seconds on the 2.4GHz radio
- ✗ Configure load balancing Hide Details
  - Run load balancing on the 2.4GHz radio with a 40dB threshold
  - Run load balancing on the 5GHz radio with a 40dB threshold
- ✗ Configure band balancing for 30% on 2.4GHz
- ✗ Adjust the AP power level Hide Details
  - Reduce 2.4GHz Radio Transmit power in Center AP by 1 to 3db
  - Reduce 5GHz Radio Transmit power in Center AP by 1 to 3db
  - Reduce 2.4GHz Radio Transmit power in East AP by 1 to 3db
  - Reduce 5GHz Radio Transmit power in East AP by 1 to 3db
  - Reduce 2.4GHz Radio Transmit power in West AP by 1 to 3db
  - Reduce 5GHz Radio Transmit power in West AP by 1 to 3db

Explanation

Complete this lab as follows:

1. Configure self-healing.
   a. From the top, select the **Configure** tab.
   b. From the left menu, select **Services**.
   c. Under *Self-Healing,* select **Automatically adjust AP radio power to optimize coverage when interference is present**.
   d. Using the *Automatically adjust 2.4GHz channels using* drop-down menu, select **Background Scanning** from the drop-down menu.
   e. Using the *Automatically adjust 5GHz channels using* drop-down menu, select **Background Scanning** from the drop-down menu.
   f. On the right, select **Apply**.

2. Configure background scanning.
   a. Select **Run a background scan on 2.4GHz radio**.
   b. Enter **30** seconds.
   c. Select **Run a background scan on 5GHz radio**.
   d. Enter **30** seconds.
   e. On the right, select **Apply**.
3. Configure load balancing.
   a. Select **Run load balancing on 2.4GHz radio**.
   b. In the *Adjacent radio threshold(dB)* field, enter **40**.
   c. Select **Run load balancing on 5GHz radio**.
   d. In the *Adjacent radio threshold(dB)* field, enter **40**.
   e. On the right, select **Apply**.
4. Configure band balancing.
   a. Select **Percent of clients on 2.4GHz radio**.
   b. Enter the **30**.
   c. On the right, select **Apply**.
5. Adjust the AP power level.
   a. From the left menu, select **Access Points**.
   b. From the top right, select **Exhibit** to determine which access points to adjust.
   c. Select **Edit** next to the access point to be modified.
   d. Under *Radio B/G/N(2.4G)* next to TX Power, make sure **Override Group Config** is selected.
   e. From the *TX Power* drop-down list, select **-3dB (1/2)**.
   f. Under *Radio A/N/AC(5G)* next to **TX Power**, make sure **Override Group Config** is selected.
   g. From the *TX Power* drop-down list, select **-3dB (1/2)**.
   h. Select **OK**.
   i. Repeat steps 5b - 5h for additional access points.

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