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QUESTION NO: 11
A company has an HPE Aruba Networking ClearPass cluster with several servers. ClearPass Policy Manager (CPPM) is set up to:
. Update client attributes based on Syslog messages from third-party appliances
. Have the clients reauthenticate and apply new profiles to the clients based on the updates To ensure that the correct profiles apply, what is one step you should take?

A. Configure a CoA action for all tag updates in the ClearPass Device Insight integration settings.
B. Tune the CoA delay on the ClearPass servers to a value of 5 seconds or greater.
C. Set the cluster's Endpoint Context Servers polling interval to a value of 5 seconds or less.
D. Configure the cluster to periodically clean up (delete) unknown endpoints.

Hide answers/explanation Discussion

Correct Answer: B Vote an answer

To ensure that the correct profiles apply after client attributes are updated based on Syslog messages, you should tune the Change of Authorization (CoA) delay on the ClearPass servers to a value of 5 seconds or greater. This delay allows sufficient time for the attribute updates to be processed and for the reauthentication to occur correctly, ensuring that the updated profiles are accurately applied to the clients.
1.CoA Delay: Adjusting the CoA delay ensures that the system has enough time to update client attributes and reauthenticate them properly before applying new profiles.
2.Profile Accuracy: This delay helps in preventing premature reauthentication and ensures that the most recent attribute updates are considered when applying profiles.
3.System Synchronization: Ensures synchronization between the attribute update and the reauthentication process.

QUESTION NO: 12
A company assigns a different block of VLAN IDs to each of its access layer AOS-CX switches. The switches run version 10.07. The IDs are used for standard purposes, such as for employees, VoIP phones, and cameras. The company wants to apply 802.1X authentication to HPE Aruba Networking ClearPass Policy Manager (CPPM) and then steer clients to the correct VLANs for local forwarding.
What can you do to simplify setting up this solution?

A. Assign consistent names to VLANs of the same type across the AOS-CX switches and have user roles reference names.
B. Use the trunk allowed VLAN setting to assign multiple VLAN IDs to the same role.
C. Change the VLAN IDs across the AOS-CX switches so that they are consistent.
D. Avoid configuring the VLAN in the role; use trunk VLANs to assign multiple VLANs to the port instead.

Hide answers/explanation Discussion

Correct Answer: A Vote an answer

To simplify the setup of 802.1X authentication with HPE Aruba Networking ClearPass Policy Manager (CPPM) and ensure clients are steered to the correct VLANs for local forwarding, you should assign consistent names to VLANs of the same type across the AOS-CX switches and have user-roles reference these names. This approach allows for a more straightforward configuration and management process, as the user roles can apply consistent policies based on VLAN names rather than specific IDs. It also helps in maintaining clarity and reducing errors in VLAN assignments across different switches.

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HPE7-A02 exam covers a wide range of topics related to network security, including authentication, access control, firewall technologies, VPNs, and network security protocols. HPE7-A02 Exam also focuses on network security management and monitoring, which includes threat analysis, incident response, and vulnerability management. HPE7-A02 exam is designed to test the candidate's knowledge of network security principles, as well as their ability to implement and manage network security solutions.

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HP Aruba Certified Network Security Professional Exam Sample Questions (Q28-Q33):

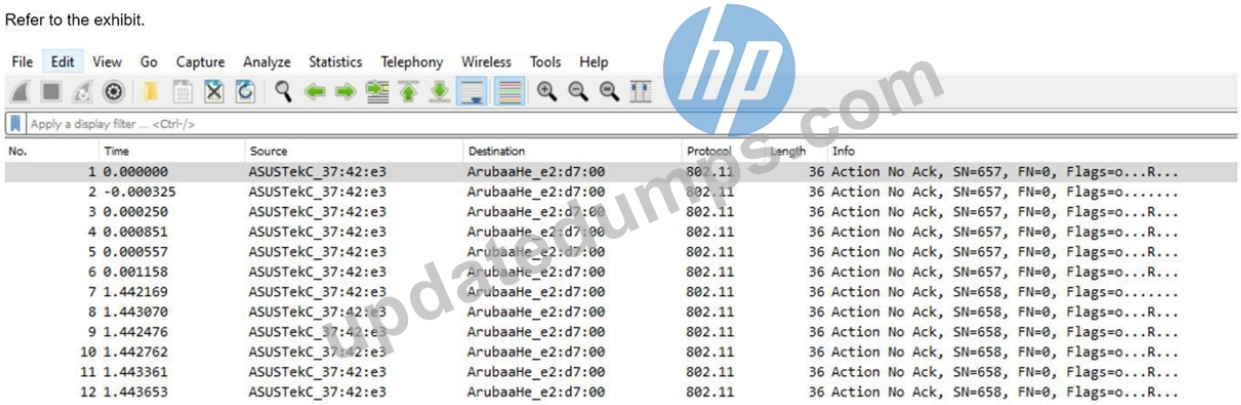
NEW QUESTION # 28
What is one use case that companies can fulfill using HPE Aruba Networking ClearPass Policy Manager's (CPPM's) Device Profiler?

- A. OIdentifying device security vulnerabilities by CVE ID and receiving remediation recommendations
- B. Leveraging artificial intelligence to more accurately identify Internet of Things (IoT) devices
- C. Assigning different AOS firewall roles to users on computers and the same users on smartphones
- D. Quarantining devices that do not have the required antivirus software installed on them

Answer: B

Explanation:
One use case that companies can fulfill using HPE Aruba Networking ClearPass Policy Manager's (CPPM's) Device Profiler is leveraging artificial intelligence to more accurately identify Internet of Things (IoT) devices. ClearPass Device Profiler uses AI and machine learning to analyze network traffic and device behavior, providing detailed and accurate identification of IoT devices on the network. This helps in managing and securing diverse and numerous IoT devices by ensuring they are correctly profiled and assigned appropriate access policies.
Reference: Aruba ClearPass documentation highlights the use of AI and machine learning in device profiling to enhance the identification and management of IoT devices.

NEW QUESTION # 29
Refer to the exhibit.



You have downloaded a packet capture that you generated on HPE Aruba Networking Central. When you open the capture in Wireshark, you see the output shown in the exhibit.
What should you do in Wireshark so that you can better interpret the packets?

- A. Edit preferences for IEEE 802.11 and chose to ignore the Protection bit with IV.
- B. Edit the Enabled Protocols and make sure that 802.11, GRE, and Aruba_ERM are enabled.
- C. Apply the following display filter: wlan.fc.type == 1.
- D. Choose to decode UDP port 5555 packets as ARUBA_ERM and set the Aruba ERM Type to 0.

Answer: D

Explanation:
To better interpret the packets shown in the Wireshark capture, you should choose to decode UDP port 5555 packets as ARUBA_ERM and set the Aruba ERM Type to 0. This configuration will allow Wireshark to properly decode and display the Aruba-specific encapsulated remote mirroring (ERM) packets, providing a clearer understanding of the traffic.
1.Decoding Protocols: Selecting the correct protocol decoding in Wireshark ensures that the captured packets are interpreted correctly, displaying the relevant information.
2.Aruba ERM: The packets in the capture are likely encapsulated remote mirroring (ERM) packets specific to Aruba, which require proper decoding settings in Wireshark.
3.Clear Interpretation: By setting the Aruba ERM Type to 0 and decoding the packets as ARUBA_ERM, you can view the encapsulated data accurately.

NEW QUESTION # 30
An AOS-CX switch has been configured to implement UBT to a cluster of three HPE Aruba Networking gateways.
How does the switch determine to which gateways to tunnel UBT users' traffic?

- A. The switch tunnels each user's traffic to the particular gateway assigned as that user's active user designed gateway.
- B. The switch tunnels all users' traffic to the gateway configured as the primary gateway in the UBT zone, unless that gateway fails.
- C. The switch tunnels all users' traffic to the gateway assigned as the switch's active device designated gateway.
- D. The switch load balances client traffic across the primary and standby gateway configured in the UBT zone.

Answer: A

Explanation:
When an AOS-CX switch implements User-Based Tunneling (UBT) to a cluster of three HPE Aruba Networking gateways, the switch determines to which gateway to tunnel each user's traffic based on the particular gateway assigned as that user's active user designated gateway. This ensures that traffic is efficiently distributed and managed according to the designated gateway for each user.
1.User Designated Gateway: Each user's traffic is tunneled to a specific gateway that has been designated for that user, ensuring efficient handling of traffic.
2.Traffic Distribution: This method allows for balanced distribution of user traffic across multiple gateways, enhancing network performance and reliability.
3.Gateway Assignment: The switch uses the assigned gateway for each user to determine the tunneling path, ensuring that traffic is directed to the appropriate gateway.
Reference: Aruba's UBT and AOS-CX configuration guides detail the process of setting up and managing user-based tunneling, including the assignment of user designated gateways for traffic tunneling.

NEW QUESTION # 31
A company assigns a different block of VLAN IDs to each of its access layer AOS-CX switches. The switches run version 10.07. The IDs are used for standard purposes, such as for employees, VoIP phones, and cameras. The company wants to apply 802.1X authentication to HPE Aruba Networking ClearPass Policy Manager (CPPM) and then steer clients to the correct VLANs for local forwarding.
What can you do to simplify setting up this solution?

- A. Assign consistent names to VLANs of the same type across the AOS-CX switches and have user-roles reference names.
- B. Change the VLAN IDs across the AOS-CX switches so that they are consistent.
- C. Use the trunk allowed VLAN setting to assign multiple VLAN IDs to the same role.
- D. Avoid configuring the VLAN in the role; use trunk VLANs to assign multiple VLANs to the port instead.

Answer: A

Explanation:
To simplify the setup of 802.1X authentication with HPE Aruba Networking ClearPass Policy Manager (CPPM) and ensure clients are steered to the correct VLANs for local forwarding, you should assign consistent names to VLANs of the same type across the AOS-CX switches and have user-roles reference these names. This approach allows for a more straightforward configuration and management process, as the user roles can apply consistent policies based on VLAN names rather than specific IDs. It also helps in maintaining clarity and reducing errors in VLAN assignments across different switches.

NEW QUESTION # 32
A company is implementing HPE Aruba Networking Wireless IDS/IPS (WIDS/WIPS) on its AOS-10 APs, which are managed in HPE Aruba Networking Central.
What is one requirement for enabling detection of rogue APs?

- A. One AM deployed for every one AP deployed
- B. A manual radio profile that enables non-regulatory channels
- C. A Foundation with Security license for each of the APs
- D. Each VLAN in the network assigned on at least one AP's or AM's port

Answer: C

Explanation:
To enable the detection of rogue APs with HPE Aruba Networking Wireless IDS/IPS (WIDS/WIPS) on AOS-10 APs managed in HPE Aruba Networking Central, each AP must have a Foundation with Security license.
This license enables advanced security features, including rogue AP detection, which is crucial for maintaining a secure wireless environment and protecting against unauthorized access points.
Reference: Aruba's licensing documentation and WIDS/WIPS setup guides specify the need for appropriate licenses to activate security features such as rogue AP detection.

NEW QUESTION # 33
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