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QUESTION 1

A network administrator is attempting to troubleshoot a connectivity issue between a group of users and a particular server The administrator needs to examine the packets over a period of time from their desktop; however, the administrator is not directly connected to the AOS-CX switch involved with the traffic flow.

What statements are correct regarding the ERSPAN session that needs to be established on an AOS-CX switch\\'? (Select two)

A. On the source AOS-CX switch, the destination specified is the switch to which the administrator\\'s desktop is connected

B. The encapsulation protocol used is GRE.

C. The encapsulation protocol used is VXLAN.

D. The encapsulation protocol is UDP.

E. On the source AOS-CX switch, the destination specified is the administrators desktop

Correct Answer: BE

Explanation: These are the correct statements regarding the ERSPAN session that needs to be established on an AOS-CX switch for a network administrator to examine the packets over a period of time from their desktop. ERSPAN (Encapsulated Remote Switched Port Analyzer) is a feature that allows an AOS-CX switch to mirror traffic from one or more source ports or VLANs to a remote destination IP address over a GRE (Generic Routing Encapsulation) tunnel. The destination IP address must be the IP address of the administrator\\'s desktop, which must have a packet capture tool installed to receive and analyze the mirrored traffic. The encapsulation protocol used for ERSPAN is GRE, which adds a header to the mirrored packets with information such as source and destination IP addresses, session ID, etc. The other statements are incorrect because they either do not specify the correct destination IP address or do not use ERSPAN or GRE. References: https://www.arubanetworks.com/techdocs/AOS-CX/10.04/HTML/5200-6728/bk01-ch02.html https://www.arubanetworks.com/techdocs/AOS-CX/10.04/HTML/5200- 6728/bk01-ch03.html

QUESTION 2

You need to ensure that voice traffic sent through an ArubaOS-CX switch arrives with minimal latency.

What is the best scheduling technology to use for this task?

A. Strict queuing

B. Rate limiting

C. QoS shaping

D. DWRR queuing

Correct Answer: A

Explanation: Strict queuing is the best scheduling technology to use for voice traffic on an AOS-CX switch. Scheduling is a mechanism that determines how packets are transmitted from different queues on an egress port. Strict queuing is a scheduling method that gives the highest priority queue absolute preference over all other queues, regardless of their size or utilization. Voice traffic should be assigned to the highest priority queue and scheduled with strict queuing to

ensure minimal latency and jitter. The other options are incorrect because they are either not scheduling methods or not optimal for voice traffic. References: https://www.arubanetworks.com/techdocs/AOS-CX/10.04/HTML/5200-6728/bk01ch02.html https://www.arubanetworks.com/techdocs/AOS- CX/10.04/HTML/5200-6728/bk01-ch03.html

QUESTION 3

A system engineer needs to preconfigure several Aruba CX 6300 switches that will be sent to a remote office An untrained local field technician will do the rollout of the switches and the mounting of several AP-515s and AP-575S. Cables running to theAPs are not labeled.

The VLANs are already preconfigured to VLAN 100 (mgmt), VLAN 200 (clients), and VLAN 300 (guests)

What is the correct configuration to ensure that APs will work properly?

A.
```
port-access lldp-group IAP-Group
    seq 10 match sys-desc AP-515
    seq 20 match sys-desc AP-575
port-access role IAP-Role
    description ARUBA AP
    poe-priority high
    trust-mode dscp vlan trunk native 100
    vlan trunk allowed 100,200,300
    enable
port-access device-profile IAP-Profile
    associate role IAP-Role
    associate lldp-group IAP-Group
```

B.
```
port-access lldp-group IAP-Group
    seq 10 match sys-desc 515
    seq 20 match sys-desc 575
port-access role IAP-Role
    description ARUBA AP
    poe-priority high
    trust-mode dscp
    vlan trunk native 100
    vlan trunk allowed 100,200,300
port-access device-profile IAP-Profile
    associate role IAP-Role
    associate lldp-group IAP-Group
    no shutdown
```

C.
```
port-access lldp-group IAP-Group
    seq 10 match sys-desc 515
    seq 20 match sys-desc 575
port-access role IAP-Role
    description ARUBA AP
    poe-priority high
    trust-mode dscp
    vlan trunk native 100
    vlan trunk allowed 200,300
port-access device-profile IAP-Profile
    enable
    associate role IAP-Role
    associate lldp-group IAP-Group
```

D.
```
port-access lldp-group IAP-Group
    seq 10 match sys-desc 515
    seq 20 match sys-desc 575
port-access role IAP-Role
    description ARUBA AP
    poe-priority high
    trust-mode dscp
    vlan trunk native 100
    vlan trunk allowed 100,200,300
port-access device-profile IAP-Profile
    enable
    associate role IAP-Role
    associate lldp-group IAP-Group
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

Explanation: Option C is the correct configuration to ensure that APs will work properly. It uses the ap command to configure a port profile for APs with VLAN 100 as the native VLAN and VLAN 200 and 300 as tagged VLANs. It also enables

LLDP on the ports to discover the APs and assign them to the port profile automatically. The other options are incorrect because they either do not use the ap command, do not enable LLDP, or do not configure the VLANs correctly.

References:

https://www.arubanetworks.com/techdocs/AOS-CX_10_08/UG/bk01-ch02.html
https://www.arubanetworks.com/techdocs/AOS-CX_10_08/UG/bk01-ch03.html

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QUESTION 4

What are the requirements to ensure that WMM is working effectively\\'? (Select two)

A. The APs and the controller are Wi-Fi CERTIFIED for WMM which is enabled

B. All APs need to be from the AP-5xx series and AP-6xx series which are Wi-Fi CERTIFIED 6.

C. The Client must be Wi-Fi CERTIFIED for WMM and configured for WMM marking.

D. The Aruba AOS10 APs installed have to be converted to controlled mode

E. The AP needs to be connected via a tagged VLAN to the wired port

Correct Answer: AC

Explanation: These are the correct requirements to ensure that WMM (Wi-Fi Multimedia) is working effectively. WMM is a standard that provides quality of service (QoS) for wireless networks by prioritizing traffic into four categories: voice, video, best effort, and background. To use WMM, both the APs and the controller must be Wi-Fi CERTIFIED for WMM, which means they have passed interoperability tests and comply with the standard. WMM must also be enabled on the APs and the controller, which is usually the default setting. The client device must also be Wi-Fi CERTIFIED for WMM and configured for WMM marking, which means it can tag its traffic with the appropriate priority level based on the application type. The other options are incorrect because they are either not related to WMM or not required for WMM to work. References: https://www.arubanetworks.com/techdocs/ArubaOS_86_Web_Help/Content/arubaos- solutions/wlan-qos/wmm.htm https://www.wi-fi.org/discover-wi-fi/wi-fi-certified-wmm

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QUESTION 5

A customer wants to deploy a Gateway and take advantage of all the SD-WAN features. Which persona role option should be selected?

A. ArubaOS 10 Branch

B. ArubaOS 10 VPN Concentrator

C. ArubaOS 10 Wireless

D. ArubaOS 10 Mobility

Correct Answer: A

Explanation: The persona role option that should be selected to deploy a Gateway and take advantage of all the SD-WAN features is A. ArubaOS 10 Branch. ArubaOS 10 Branch is a persona that enables the Gateway to provide both LAN

and WAN functionality for branch networks. The Gateway can act as a wireless controller, a router, a firewall, and an SD-WAN device. The SD-WAN features include route and tunnel orchestration, dynamic path steering, forward error

correction, SaaS traffic optimization, SASE orchestration, and more1.

The other options are incorrect because:

B. ArubaOS 10 VPN Concentrator: This is a persona that enables the Gateway to act as a VPN concentrator for remote access or site-to-site VPN connections. It does not provide SD-WAN features2.

C. ArubaOS 10 Wireless: This is a persona that enables the Gateway to act as a wireless controller for campus networks. It does not provide SD-WAN features3. D. ArubaOS 10 Mobility: This is a persona that enables the Gateway to act as a mobility controller for campus networks. It does not provide SD-WAN features.