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QUESTION 1

MAC authentication is enabled on port 1/1/27 of an AOS-CX switch. The following MAC addresses are defined on the AAA server:

*

88:3a:30:97:b6:00

*

00:50:56:b1:fc:9b

Examine the AOS-CX switch output:

```
Switch# show mac-address-table detail
```

```
MAC age-time           : 300 seconds
```

```
Number of MAC addresses : 10
```

MAC Address	VLAN	Type	Port	Age	Denied	never_ageout
20:4c:03:5f:98:02	1	dynamic	lag256	300	false	false
88:3a:30:97:b6:00	11	port-access-security	1/1/27	300	false	false
00:50:56:b1:fc:9b	11	port-access-security	1/1/27	300	true	false
02:02:00:00:12:00	11	dynamic	lag256	300	false	false
90:20:c2:bc:17:00	11	dynamic	lag256	300	false	false

Based on this information, what is true concerning port 1/1/27?

- A. Device-mode is enabled with a client limit of 1.
- B. Device-mode is enabled with a client limit of 2.
- C. Client-mode is enabled with a client limit of 1.
- D. Client-mode is enabled with a client limit of 2.

Correct Answer: C

Explanation: https://www.arubanetworks.com/techdocs/AOS-CX/AOSCX-CLI-Bank/cli_6300-6400/Content/Chp_Port_acc/Port_acc_rol_cmds/aut-mod-fl-10.htm

client-mode = Selects client mode. In this mode, all clients connecting to the port are sent for authentication.

device-mode = Selects device mode. In this mode, only the first client connecting to the port is sent for authentication. Once this client is authenticated, the port is considered as open and all subsequent clients trying to connect on that port

are not sent for authentication.

QUESTION 2

An administrator is supporting a network with the access layer consisting of AOS-CX 6300 and 6400 switches. The administrator needs to quickly deploy Aruba IAPs and security cameras in the network, ensuring that the correct QoS and VLAN settings are dynamically applied to the switch ports. Currently, switches are not configured to do device authentication, and no authentication server exists in the network.

Which AOS-CX feature should the administrator use to dynamically assign the policy settings to the correct switch ports?

- A. Device profiles
- B. Change of authorization
- C. Dynamic segmentation
- D. Voice VLANs

Correct Answer: A

QUESTION 3

Examine the following AOS-CX switch configuration:

```
Switch(config-addgroup-ip)# object-group ip address servers
Switch(config-addgroup-ip)# 10.1.0.100
Switch(config-addgroup-ip)# 10.1.1.100
Switch(config-addgroup-ip)# exit
```

Which access control entries would allow web traffic to the web servers 10.1.0.100 and 10.1.1.100?

- A. permit tcp servers eq 80
- B. permit tcp any 10.1.0.100 0.0.1.0 eq 80
- C. permit tcp any 10.1.0.100/10.1.1.100 eq 80
- D. permit tcp any 10.1.0.100/255.255.254.255 eq 80

Correct Answer: B

QUESTION 4

In AOS-CX switching, what determines when a frame is forwarded by the switch between the ingress and the egress port?

- A. Egress port
- B. Ingress port
- C. VSX switch tables
- D. Fabric Load Balancer

Correct Answer: B

QUESTION 5

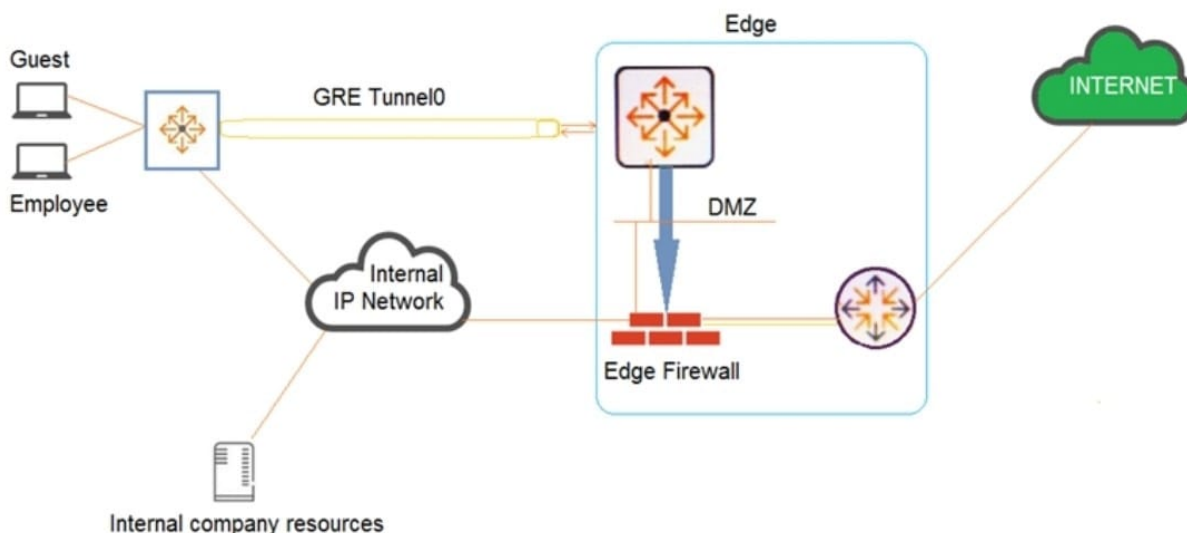
A network administrator wants to centralize the management of AOS-CX switches by implementing NetEdit. How should the administrator purchase and/or install the NetEdit solution?

- A. Install as a hardware appliance
- B. Installed on a supported version of RedHat Enterprise Linux
- C. Installed in a virtualized solution by using the Aruba-supplied OVA file
- D. Installed on a supported version of Debian Linux

Correct Answer: C

QUESTION 6

Examine the network exhibit.



A company has a guest implementation for wireless and wired access. Wireless access is implemented through a third-party vendor. The company is concerned about wired guest traffic traversing the same network as the employee traffic. The network administrator has established a GRE tunnel between AOS-CX switches where guests are connected to a routing switch in the DMZ.

Which feature should the administrator implement to ensure that the guest traffic is tunneled to the DMZ while the employee traffic is forwarded using OSPF?

- A. OSPF route maps using the "set metric" command
- B. Policy-based routing (PBR)
- C. User-based tunneling (UBT)
- D. Classifier policies

Correct Answer: B

Explanation: Guest traffic can be routed with PBR to use GRE tunnels that terminate in the DMZ.

QUESTION 7

An administrator wants to drop traffic from VLAN 6 (10.1.6.0/24) to VLAN 5 (10.1.5.0/24), but allow all other traffic. What is correct configuration to accomplish this?

- A.
- ```
class ip VLAN5
 10 match ip 10.1.6.0/24 10.1.5.0/24
 exit
policy VLAN5
 10 class ip VLAN5 action drop
 exit
interface vlan 5
 apply access-list ip VLAN5 in
```
- B.
- ```
access-list ip VLAN5
  10 permit ip 10.1.6.0/0.0.0.255 10.1.5.0/0.0.0.255
  20 permit ip any any
  exit
interface vlan 5
  apply access-list ip
  VLAN5 in
  exit
```
- C.
- ```
access-list ip VLAN5
 10 deny ip 10.1.6.0/24 10.1.5.0/24
 20 permit ip any any
 exit
interface vlan 5
 apply access-list ip VLAN5 in
 exit
```
- D.
- ```
class ip VLAN5
  10 match ip 10.1.6.0/24 10.1.5.0/24
  exit
policy VLAN5
  10 class ip VLAN5 action drop
  exit
vlan 5
  apply policy VLAN5 in
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

QUESTION 8

How is voice traffic prioritized correctly on AOS-CX switches?

- A. By defining device profiles with QOS settings
- B. By placing it in the strict priority queue
- C. By implementing voice VLANs
- D. By implementing weighted fair queueing (WFQ)

Correct Answer: B

QUESTION 9

A network administrator needs to replace an antiquated access layer solution with a modular solution involving AOS-CX switches. The administrator wants to leverage virtual switching technologies. The solution needs to support high-availability with dual-control planes.

Which solution should the administrator implement?

- A. AOS-CX 8325
- B. AOS-CX 6300
- C. AOS-CX 6400
- D. AOS-CX 8400

Correct Answer: C

Reference: <https://andovercg.com/datasheets/aruba-cx-8325-switch-series.pdf>

QUESTION 10

The AOS-CX mobile app allows a network engineer or technician to perform which tasks? (Choose two.)

- A. Use NetEdit to manage switch configuration.
- B. Create a stack of AOS-CX switches.
- C. Transfer files between the switch and your mobile device.
- D. Securely access the switch using SSH.
- E. Schedule an operating system upgrade.

Correct Answer: BC

Explanation: ACSP Study Guide Page 66 - Key Features (Transfer files between the switch and your mobile device)

QUESTION 11

An administrator wants to implement dynamic segmentation policies. The network consists of AOS-CX and Aruba gateways.

Which type of forwarding should the administrator implement for users that already connect via wireless, but will also be connecting on Ethernet switch ports?

- A. User-based tunneling (UBT)
- B. Port-based tunneling (PBT)
- C. Switch-to-switch tunneling (SST)
- D. Local switching

Correct Answer: A

QUESTION 12

A network engineer is using NetEdit to manage AOS-CX switches. The engineer notices that a lot of thirdparty VoIP phones are showing up in the NetEdit topology. The engineer deletes these, but they are automatically rediscovered by NetEdit and added back in.

What should the administrator do to solve this problem?

- A. Change the VoIP phone SNMP community string to something unknown by NetEdit
- B. Disable LLDP globally on the AOS-CX switches where phones are connected
- C. Disable SSH access on all the VoIP phones
- D. Disable the RESTful API on all the VoIP phones

Correct Answer: A

Explanation: "NetEdit will now also discover and display third-party devices that are using the standard MIB's. Using SNMP with NetEdit, administrators can also enter SSH credentials for third-party devices."

QUESTION 13

What would prevent two OSPF routers from forming an adjacency? (Select two.)

- A. Different priorities
- B. Different area types
- C. Different MTU sizes
- D. Different IP addresses

E. Different router IDs

Correct Answer: BC

QUESTION 14

Which protocol does NetEdit use to discover devices in a subnet during the discovery process?

A. LLDP

B. ARP

C. DHCP

D. ICMP

Correct Answer: A

QUESTION 15

What must a network administrator implement in order to run an NAE script on an AOS-CX switch?

A. Deployment

B. Schedule

C. Plan

D. Agent

Correct Answer: D

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