Hewlett Packard
Enterprise

HPE6-A73

Aruba Certified Switching

Professional

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Exam HPE6-A73

Aruba Certified Switching Professional Exam

Version: 7.0

[Total Questions: 121]

Question No : 1

A network engineer is having a problem adding a custom-written script to an AOS-CX switch's NAE GUI. The script was written in Python and was successfully added on other AOS-CX switches. The engineer examines the following items from the CLI of the switch:

```
switch# show capacities-status nae

System Capacities Status: Filter NAE

Capacity Status Name                                              Value       Maximum
Number of configured NAE agents currently active in the system      1          100
Number of configured NAE monitors currently active in the system    7          500
Number of configured NAE scripts currently active in the system    50           50


switch# show ntp status
NTP Status Information

NTP : Disabled
NTP Authentication : Disabled
NTP Server Connections : Using the default VRF

System time : Sat May 2 11:50:55 UTC 2020
NTP uptime : 0 minutes, 0 seconds

Not synchronized with an NTP server.

switch# show crypto pki certificate

Certificate Name          Cert Status          Associated Applications
local-cert                installed            captive-portal, hsc, https-server,
syslog-client


switch# show crypto pki application

Associated Applications      Certificate Name      Cert Status
captive-portal                                     not configured, using local-cert
hsc                                                not configured, using local-cert
https-server                                       not configured, using local-cert
syslog-client                                      not configured, using local-cert
```

What should the engineer perform to fix this issue?

A. Install the script's signature before installing the new script
B. Ensure the engineer's desktop and the AOS-CX switch are synchronized to the same NTP server
C. Enable trust settings for the AOS-CX switch's SSL certificate
D. Remove a script that is no longer used before installing the new script

Answer: D

Question No : 2

A network has two AOS-CX switches connected to two different service providers. The

administrator is

concerned about bandwidth consumption on the service provider links and learned that the service providers were using the company as a transit AS.

Which feature should the administrator implement to prevent this situation?

A. Configure route maps and apply them to BGP
B. Configure the two switches as route reflectors
C. Configure a classifier policy to disable MED
D. Configure bi-directional forwarding detection on both switches

Answer: A

Question No : 3

Examine the output from an AOS-CX switch implementing a dynamic segmentation solution involving

downloadable user roles:

Switch# show port-access role clearpass

Role information:

Name : icxarubadur_employee-3044-2

Type : clearpass

Status: failed, parsing_failed

Reauthentication Period :

Authentication Mode :

Session Timeout :

The downloadable user roles are not being downloaded to the AOS-CX switch. Based on the above output,

what is the problem?

A. The certificate that ClearPass uses in invalid
B. The AOS-CX switch does not have the ClearPass certificate involved
C. DNS fails to resolve the ClearPass server's FQDN
D. There is a date/time issue between the ClearPass server and the switch

Answer: C

Explanation: "The top-right example shows a parsing_failed status, typically indicative of either a DNS or network connectivity issue."

Question No : 4

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

A. LLDP
B. ARP
C. DHCP
D. ICMP

Answer: A

Question No : 5

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

Answer: D

Question No : 6

A company has an existing wireless solution involving Aruba APs and Mobility controllers running 8.4 code.

The solution leverages a third-party AAA solution. The company is replacing existing access switches with AOS-CX 6300 and 6400 switches. The company wants to leverage the same security and firewall policies for both wired and wireless traffic.
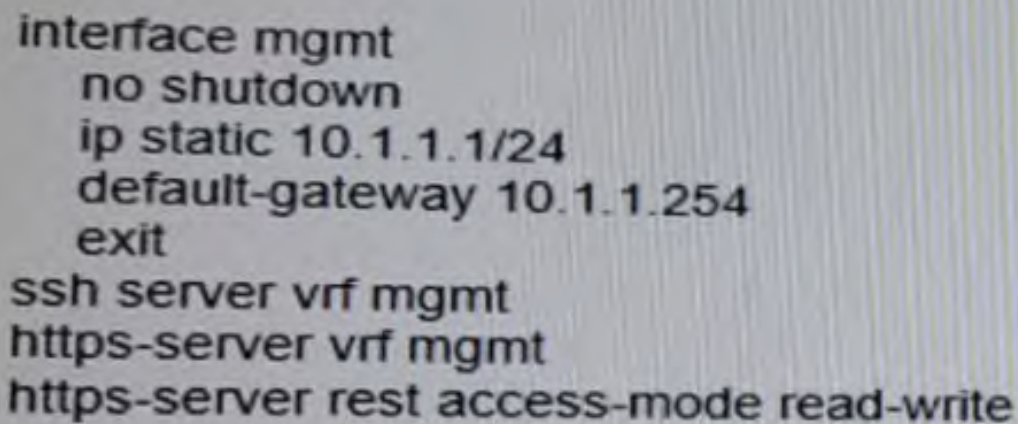
Which solution should the company implement?

A. RADIUS dynamic authorization
B. Downloadable user roles
C. IPSec
D. User-based tunneling

Answer: D

Question No : 7

Examine the AOS-CX configuration:

```
interface mgmt
    no shutdown
    ip static 10.1.1.1/24
    default-gateway 10.1.1.254
    exit
ssh server vrf mgmt
https-server vrf mgmt
https-server rest access-mode read-write
```

The switches have a default factory password setting NetEdit fails to access the configuration of the AOS-CX switches. What should the administrator do to solve this problem?

A. Set a password for the default admin user account.
B. Disable telnet globally.
C. Use the default VRF instead of the mgmt VRF
D. Enable IP routing globally

Answer: D

Question No : 8

What is the correct way of associating a VRF instance to either a VLAN or an interface?

A. Switch(config)# interface <interface-ID>
Switch(config-if)# vlan access <VLAN-ID> vrf attach <vrf-name>
B. Switch(config)# vlan <VLAN-ID> vrf attach < vrf-name >

C. Switch(config)# vlan <VLAN-ID>

Switch(config-vlan-<VLAN-ID>)# vrf attach < vrf-name >

D. Switch(config)# vlan <VLAN-ID> vrf < vrf-name >

Answer: C

Question No : 9

A company has a few servers in a secure, remote location storing highly-confidential documents connected to two AOS-CX 6400 switches configured in a VSX pair The AOS-CX switches perform access control with 802 1X and will be implementing user-based tunneling (UBT) so that Aruba gateway application inspection and stateful firewall policies can be applied to the traffic. The gateways are running version 84 and implement the AP, PEF, and RFP licenses

Which licensing is needed for the two AOS-CX switches?

A. 2 AP and 2 PEF licenses only
B. 1 AP license only
C. 2 AP, 2 PEF, and 2 RFP licenses only
D. 1 AP, 1 PEF, and 1 RFP licenses only

Answer: D

Question No : 10

When cutting and pasting configurations into NetEdit, which character is used to enter commands within the context of the previous command?

A. <ESC>
B. ">"
C. Space
D. Tab

Answer: D

Question No : 11

An administrator will be replacing a campus switching infrastructure with AOS-CX switches

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that support VSX capabilities. The campus involves a core, as well as multiple access layers. Which feature should the

administrator implement to allow both VSX-capable core switches to process traffic sent to the default gateway in the campus VLANs?

A. VRF
B. VRRP
C. IP helper
D. Active gateway

Answer: D

Explanation: Active gateway = both devices route/forward traffic VRRP = Active-standbye, only active member routes/forwards traffic

Understand the Active Gateway principle In a VSX system, active gateway provides redundant default gateway functionality for the end-hosts. The default gateway of the end-host is automatically handled by both the VSX systems.

Question No : 12

What is a best practice concerning voice traffic and dynamic segmentation on AOS-CX switches?

A. Controller authentication and user-based tunneling of the voice traffic
B. Switch authentication and user-based tunneling of the voice traffic
C. Controller authentication and port-based tunneling of the voice traffic
D. Switch authentication and local forwarding of the voice traffic

Answer: D

Question No : 13

What is correct regarding the tunneling of user traffic between AOS-CX switches and Aruba Mobility

Controllers (MCs)?

A. Uses IPSec to protect the management and data traffic
B. Uses IPSec to protect the management traffic
C. Supports only port-based tunneling
D. Uses the same management protocol as Aruba APs

Answer: D

Explanation: because both AP and Switch use PAPI . Moreover in AOS-CX switch currently not support port based tunnel. AOS-CX switch only support User Based Tunnel (UBT)

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
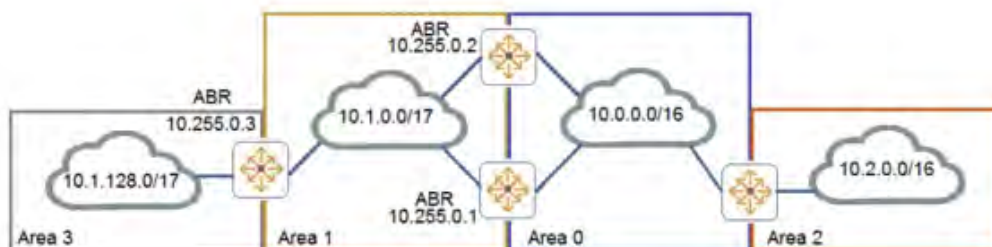**B.** AOS-CX 6300
C. AOS-CX 6400
D. AOS-CX 8400

Answer: C
Reference:

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

Examine the attached exhibit.

The network administrators is trying to add a remote location as area 3 to the network shown in the diagram.

Based on current connection restrictions, the administrator cannot connect area 3 directly

to area 0. The

network is using AOS-CX switches.

Which feature should the administrator implement to provide connectivity to the remote location?

A. Not-so-stubby areas
B. Bidirectional forward detection (BFD)
C. OSPFv3
D. Virtual links

Answer: D

Question No : 16

A network engineer is setting up BGP on AOS-CX switches. The engineer is establishing two different eBGP peering's to two different service providers. The engineer has dozens of contiguous C-class public networks that need to be advertised to the two service providers. The engineer manually defines the networks to be advertised individually with the "network" command.

How can an administrator advertise only a summarized route to the two service providers?

A. Create a summarized static route and redistribute this into OSPR
B. Summarize the networks with the "aggregate-address" BGP command
C. Enable auto-summarization in the IPv4 address family of the BGP configuration
D. Create a summarized route in OSPF

Answer: B

Question No : 17

A network administrator is implementing a configuration plan in NetEdit. The administrator used NetEdit to push the configuration plan to the switch. Which option in the NetEdit planning section should the administrator select to save the configuration running on the switch to the startup-config?

A. EDIT
B. VALIDATE
C. COMMIT