HP

Exam Questions HPE6-A73

Aruba Certified Switching Professional Exam

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NEW QUESTION 1
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

Answer: C

NEW QUESTION 2
What is correct regarding multicasting and AOS-CX switches?

A. IGMP snooping is disabled, by default, on Layer-2 VLAN interfaces
B. IGMP query functions are enabled, by default, on Layer-2 VLAN interfaces
C. IGMP snooping is enabled, by default, on Layer-3 VLAN interfaces
D. IGMP-enabled AOS-CX switches flood unknown multicast destinations

Answer: A

NEW QUESTION 3
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

NEW QUESTION 4
Which protocol should be configured to allow NetEdit to discover third-party devices?

A. SNMP
B. SSH
C. HTTPS
D. HTTP

Answer: A

NEW QUESTION 5
An administrator wants to track what configuration changes were made on a switch. What should the administrator implement to see the configuration changes on an AOS-CX switch?

A. AAA authorization
B. Network Analysis Engine (NAE)
C. AAA authentication
D. VSX synchronization logging

Answer: B

NEW QUESTION 6
An administrator has an aggregation layer of 8325CX switches configured as a VSX pair. The administrator is concerned that when OSPF network changes occur, the aggregation switches will respond to the changes slowly, and this will affect network connectivity, especially VoIP calls, in the connected access layer switches.
What should the administrator do on the aggregation layer switches to alleviate this issue?
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A. Implement route aggregation
B. Implement bidirectional forwarding detection (BFD)
C. Reduce the hello and dead interval timers
D. Implement graceful restart

Answer: B

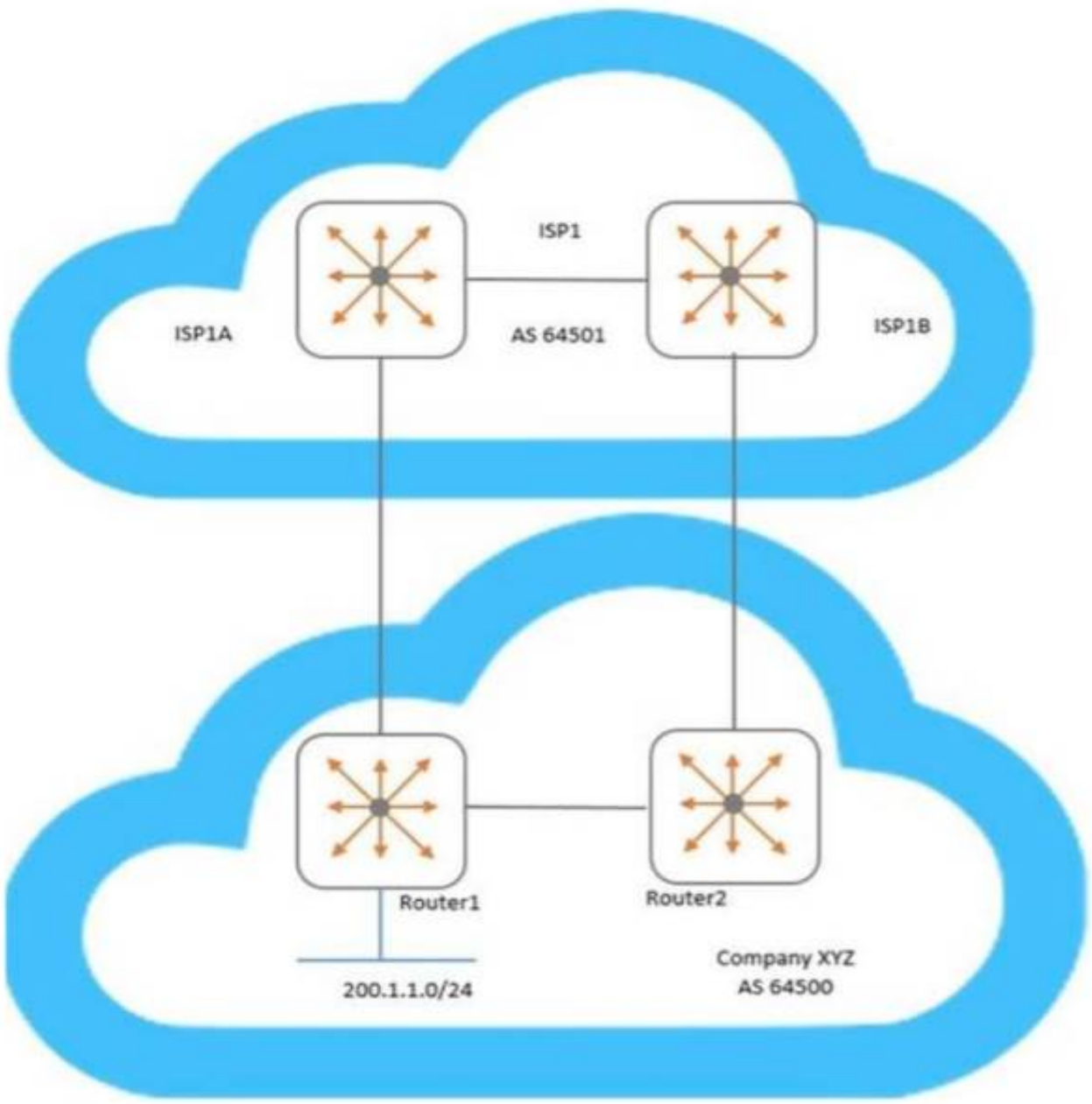
NEW QUESTION 7
Examine the following ACL rule policies:
Permit traffic from 10.2.2.1 through 10.2.2.30 to anywhere
Permit traffic from 10.2.2.40 through 10.2.2.55 to anywhere
Deny all others
Based on this policy, place the following ACL rule statements in the correct order to accomplish the above filtering policy.

A. deny ip 10.2.2.31 255.255.255.255 anypermit ip 10.2.2.40 255.255.255.248 anypermit ip 10.2.2.48 255.255.255.248 anydeny ip 10.2.2.32 255.255.255.224

anypermit ip 10.2.2.0 255.255.255.192 any
B. permit ip 10.2.2.40 255.255.255.248 anypermit ip 10.2.2.48 255.255.255.248 anypermit ip 10.2.2.0 255.255.255.192 anydeny ip 10.2.2.31 255.255.255.255 anydeny ip 10.2.2.32 255.255.255.224 any
C. deny ip 10.2.2.31 255.255.255.255 anydeny ip 10.2.2.32 255.255.255.224 anypermit ip 10.2.2.40 255.255.255.248 anypermit ip 10.2.2.48 255.255.255.248 anypermit ip 10.2.2.0 255.255.255.192 any
D. deny ip 10.2.2.31 255.255.255.255 anypermit ip 10.2.2.40 255.255.255.248 anydeny ip 10.2.2.32 255.255.255.224 anypermit ip 10.2.2.48 255.255.255.248 anypermit ip 10.2.2.0 255.255.255.192 any

Answer: A

NEW QUESTION 8
Examine the network topology.



Company XYZ has two connections to a service provider (ISP1). Here is the configuration of Router1:

```
Router1(config)# ip prefix-list AS64500-routes permit 200.1.1.0/24
Router1(config)# route-map To-AS64501 permit seq 10
Router1(config-route-map)# match ip address prefix-list AS64500-routes
Router1(config-route-map)# set metric 100
Router1(config-route-map)# exit
Router1(config)# router bgp 64500
Router1(config-bgp)# address-family ipv4 unicast
Router1(config-bgp-ipv4-uc)# neighbor 192.168.1.1. route-map To-AS64501 out
```

Here is the configuration of Router2:

```
Router2(config)# ip prefix-list AS64500-routes permit 200.1.1.0/24
Router2(config)# route-map To-AS64501 permit seq 10
Router2(config-route-map)# match ip address prefix-list AS64500-routes
Router2(config-route-map)# set metric 200
Router2(config-route-map)# exit
Router2(config)# router bgp 64500
Router2(config-bgp)# address-family ipv4 unicast
Router2(config-bgp-ipv4-uc)# neighbor 192.168.2.1. route-map To-AS64501 out
```

Based on configuration of Router1 and Router2, which BGP metric is being manipulated?

A. Weight
B. Multiple exit discriminator
C. Local preference
D. AS path length

Answer: B

NEW QUESTION 9
A network has an ABR that connects area 0 and 1. A network engineer configures a summarized route for area 1. The ABR is a designated router (DR) for the segment it uses to connect to area 1.
Which LSA type is assigned to this route when the summarized route is advertised into area 1 by the ABR?

A. LSA1
B. LSA4
C. LSA3
D. LSA2

Answer: B

NEW QUESTION 10
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

NEW QUESTION 10
Which concept is implemented using Aruba's dynamic segmentation?

A. Root of trust
B. Device fingerprinting
C. Zero Touch Provisioning
D. Colorless port

Answer: B

NEW QUESTION 13
An administrator wants to leverage always-on PoE on AOS-CX switches. Which statement is correct regarding this feature?

A. Provides up to 60W of power per port
B. Supports all AOS-CX switches
C. Provides surge protection for PoE and non-PoE ports
D. Requires NetEdit to implement

Answer: A

NEW QUESTION 15
A network administrator is implementing NAE on AOS-CX switches. When attempting to create an agent on a particular switch, the agent appears in the NAE Agents panel with a red triangle error symbol and a status of "Unknown".
What is the cause of this issue?

A. The administrator does not have the appropriate credentials to interact with NAE
B. The number of scripts or agents has exceeded the hardware's capabilities
C. A connectivity issue exists between NAE and the AOS-CX switch
D. The RESTful API has not been enabled on the AOS-CX switch

Answer: C

NEW QUESTION 17
A network engineer is examining NAE graphs from the Dashboard but notices that the time shown in the graph does not represent the current time. The engineer verifies that the AOS-CX switch is configured for NTP and is successfully synchronized. What should be done to fix this issue?

A. Ensure the engineer's web browser is configured for the same timezone as the AOS-CX switch
B. Ensure the engineer's PC is synchronized to the same NTP server as the AOS-CX switch
C. Ensure NetEdit and the AOS-CX switch are synchronized to the same NTP server
D. Enable trust settings for the AOS-CX switch's SSL certificate

Answer: C

NEW QUESTION 20
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: C

NEW QUESTION 24
An administrator creates an ACL rule with both the “count” and “log” option enabled. What is correct about the action taken by an AOS-CX switch when there is a match on this rule?

A. By default, a summarized log is created every minute with a count of the number of matches
B. Logging will not include certificate and TLS events, but counting will
C. The “count” and “log” options are processed by the AOS-CX switch’s hardware ASIC
D. The total in the “log” record and the count could contain different rule matching statistics

Answer: D

NEW QUESTION 28
Examine the commands entered on an AOS-CX switch:

```
switch(config)# pbr-action-list test1
switch(config-pbr-action-list-test1)# nexthop 1.1.1.1
switch(config-pbr-action-list-test1)# nexthop 2.2.2.2
switch(config-pbr-action-list-test1)# default-nexthop 9.9.9.9
switch(config-pbr-action-list-test1)# interface null
switch(config-pbr-action-list-test1)# exit
switch(config)# interface vlan 100
switch(config-if)# apply policy test1 routed-in
```

What is true regarding this configuration for traffic received on interface 100?

A. The default next-hop address supersedes the two preceding next-hop addresses
B. The traffic is always dropped is the next-hop addresses are unreachable
C. The traffic will be routed with the IP routing table entries if the next-hop addresses are unreachable
D. The next-hop address of 1.1.1.1 is overwritten by the next-hop address of 2.2.2.2

Answer: A

NEW QUESTION 33
An administrator is implementing a downloadable user role solution involving AOS-CX switches. The AAA solution and the AOS-CX switches can successfully authenticate users; however, the role information fails to download to the switches. What policy should be added to an intermediate firewall to allow the downloadable role function to succeed?

A. Allow TCP 443
B. Allow UDP 1811
C. Allow UDP 8211
D. Allow TCP 22

Answer: A

NEW QUESTION 36
An administrator implements interim accounting for guest users so that ClearPass can track the amount of bandwidth that guests upload and download. Guests that abuse bandwidth consumption should be disconnected from the network. The administrator configures the following on the AOS-CX access switches:

```
Access1(config)# ip dns host cppm.arubatraining.com 10.254.1.23 vrf mgmt
Access1(config)# radius-server host cppm.arubatraining.com key plaintext aruba123 vrf mgmt
Access1(config)# aaa group server radius cppm
Access1(config-sg)# server cppm.arubatraining.com vrf mgmt
Access1(config-sg)# exit
Access1(config)# aaa accounting port-access start-stop interim 5 group cppm
Access1(config)# radius dyn-authorization client cppm.arubatraining.com secret-key plaintext aruba123 vrf mgmt replay-
protection disable
```

After performing this configuration, the administrator notices that guest users that have exceeded the guest bandwidth limit are not being disconnected. Upon further investigation, Access Tracker in ClearPass indicates a disconnect CoA message is being sent to the AOS-CX switch.
What is causing this issue?

A. RADIUS change of authorization is not enabled on the AOS-CX switch.
B. Bandwidth consumption of the guests is not being reported by the AOS-CX switch.
C. NTP is not configured on the AOS-CX switch.
D. There is a time discrepancy between the AOS-CX switch and ClearPass.

Answer: A

NEW QUESTION 37
Which statement is correct regarding ACLs and TCAM usage?

A. Applying an ACL to a group of ports consumes the same resources as specific ACE entries
B. Using object groups consumes the same resources as specific ACE entries
C. Compression is automatically enabled for ASIC TCAMs on AOS-CX switches
D. Applying an ACL to a group of VLANs consumes the same resources as specific ACE entries

Answer: B

NEW QUESTION 38
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

NEW QUESTION 39
A company has recently upgraded their campus switching infrastructure with AOS-CX switches. They have implemented 802.1X authentication on access ports where laptop and IOT devices typically connect. An administrator has noticed that for POE devices, the AOS-CX switch ports are delivering the maximum wattage to the port instead of what the device actually needs.
Concerned about this waste of electricity, what should the administrator implement to solve this problem?

A. Implement a classifier policy with the correct power definitions
B. Create device profiles with the correct power definitions
C. Enable AAA authentication to exempt LLDP and/or CDP information
D. Globally enable the QoS trust setting for LLDP and/or CDP

Answer: B

NEW QUESTION 41
An administrator has an AOS-CX switch configured with: router ospf 1
area 0
area 1 stub no-summary
It is the only ABR for area 1. The switch has the appropriate adjacencies to routing switches in areas 0 and 1. The current routes in each area are:
Area 0: 5 routes (LSA Type 1 and 2)
Area 1: 10 routes (LSA Type 1 and 2)
External routes: 2 (LSA Type 5)
Based on the above configuration, how many OSPF routes will routing switches see in Area 1?

A. 15
B. 6
C. 11
D. 12

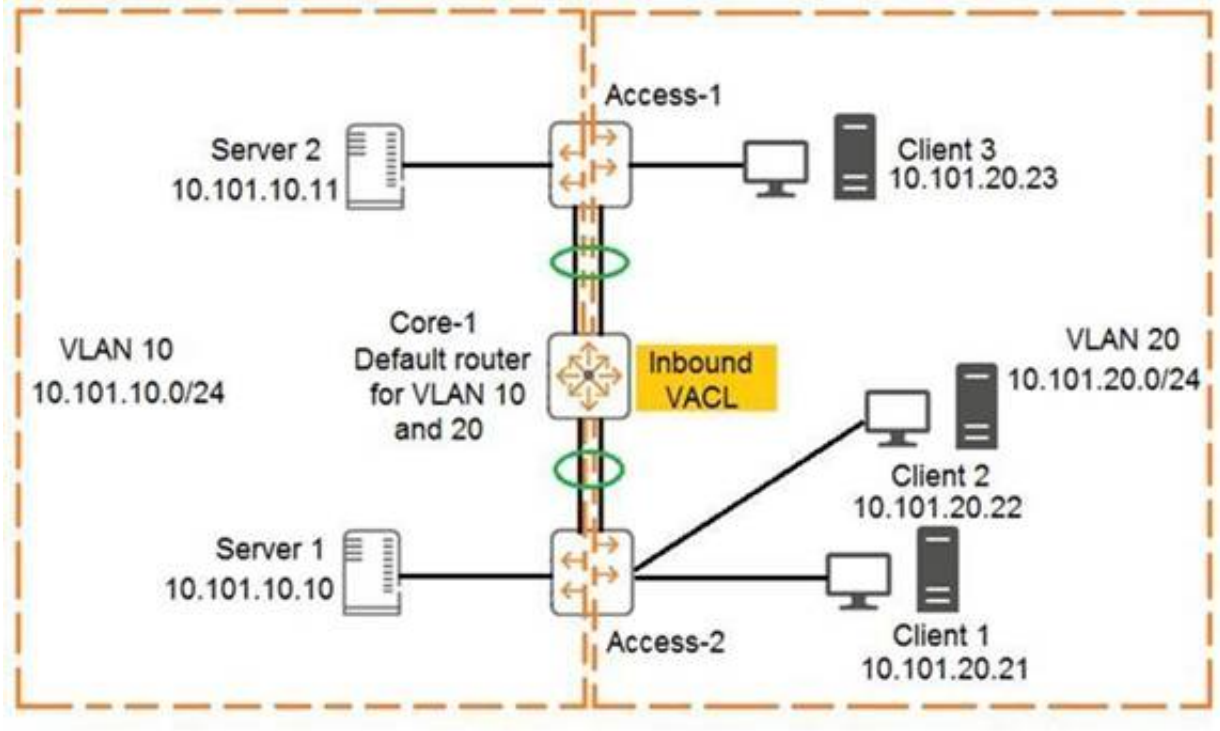
Answer: C

NEW QUESTION 45
How should a network administrator add NAE scripts and implement NAE agents that will run on an AOS-CX switch?

A. Use the web interface of the NetEdit server
B. Use the web interface of the AOS-CX switch
C. Use the web interface of Aruba Central
D. Use the CLI of the AOS-CX switch

Answer: B

NEW QUESTION 47
Examine the network exhibit:



The ACL configuration defined on Core-1 is as follows:

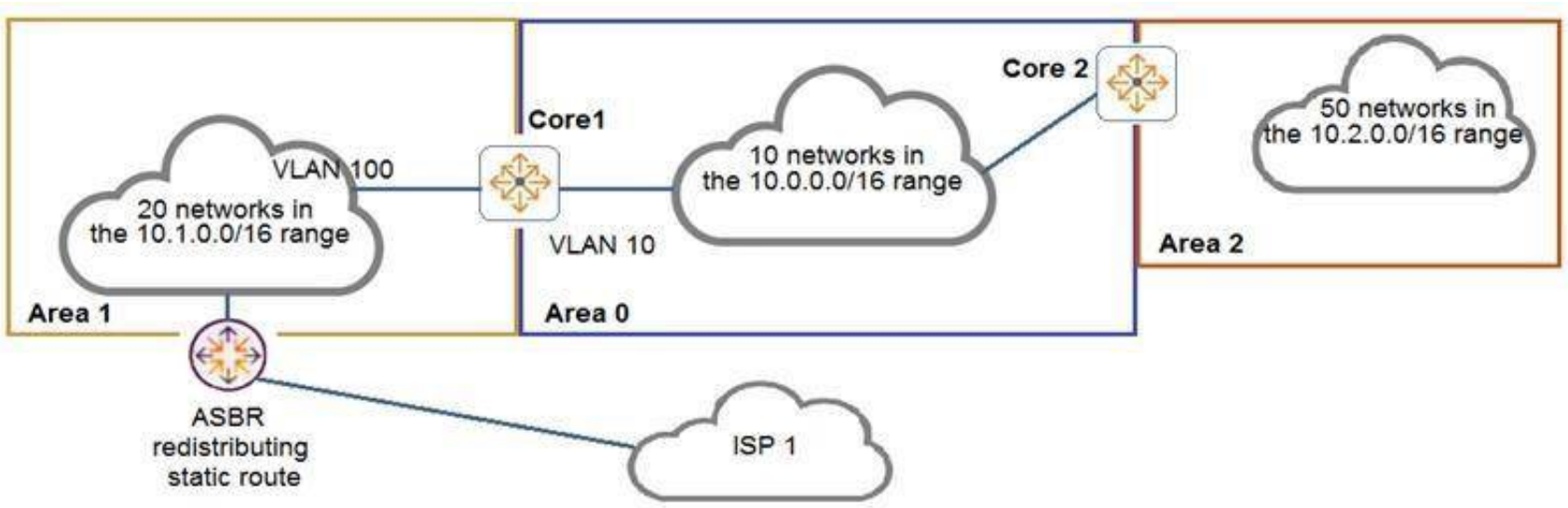
```
Core-1(config)# access-list ip example
Core-1(config-acl-ip)# permit ip 10.101.20.21/32 any eq 23
Core-1(config-acl-ip)# permit ip 10.101.20.21/32 eq 23 any
Core-1(config-acl-ip)# exit
Core-1(config)# vlan 20
Core-1(config-if)# apply access-list example in
```

If telnet was being used, which device connection would be permitted and functional in both directions? (Choose two.)

A. Client 3 to Client 2
B. Client 1 to Client 2
C. Server 2 to Client 2
D. Server 1 to Client 1
E. Client 1 to Client 3

Answer: BD

NEW QUESTION 48
Examine the network topology.



The network is configured for OSPF with the following attributes:
Core1 and Core2 and ABRs
Area 1 has 20 networks in the 10.1.0.0/16 range
Area 0 has 10 networks in the 10.0.0.0/16 range
Area 2 has 50 networks in the 10.2.0.0/16 range
The ASBR is importing a static route into Area 1
Core2 has a summary for Area 2: area 0.0.0.2 range 10.2.0.0/16 type inter-area
Here is the OSPF configuration performed on Core1:

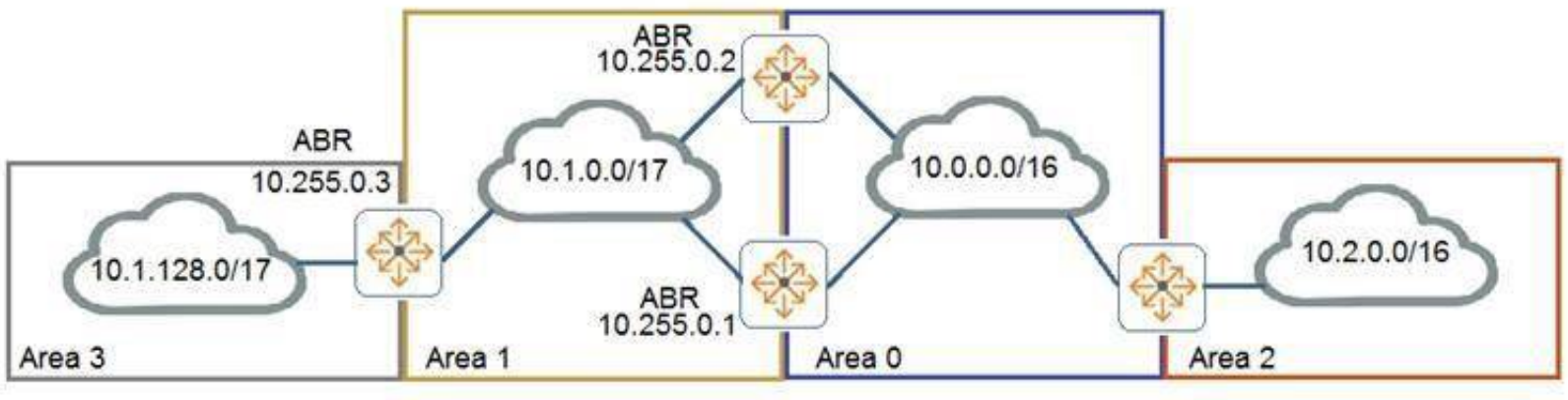
```
Core1(config)# router ospf 1
Core1(config-router)# router-id 10.0.0.1
Core1(config-router)# passive-interface default
Core1(config-router)# area 0.0.0.0
Core1(config-router)# area 0.0.0.1 stub
Core1(config-router)# area 0.0.0.1 range 10.1.0.0/16 type inter-area
Core1(config-router)# area 0.0.0.2
Core1(config-router)# area 0.0.0.0 range 10.0.0.0/16 type inter-area
Core1(config-router)# exit
Core1(config)# interface vlan 10
Core1(config-if)# ip address 10.0.1.1/24
Core1(config-if)# ip ospf 1 area 0
Core1(config-if)# exit
Core1(config)# interface vlan 100
Core1(config-if)# ip address 10.1.1.1/24
Core1(config-if)# ip ospf 1 area 1
Core1(config-if)# exit
```

Based on the above information, what is correct?

A. Area 0 has 13 routes
B. Core1 has no OSPF routes
C. Core1 has received one LSA Type 5 from the ASBR
D. Area 1 has 23 routes

Answer: D

NEW QUESTION 53
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

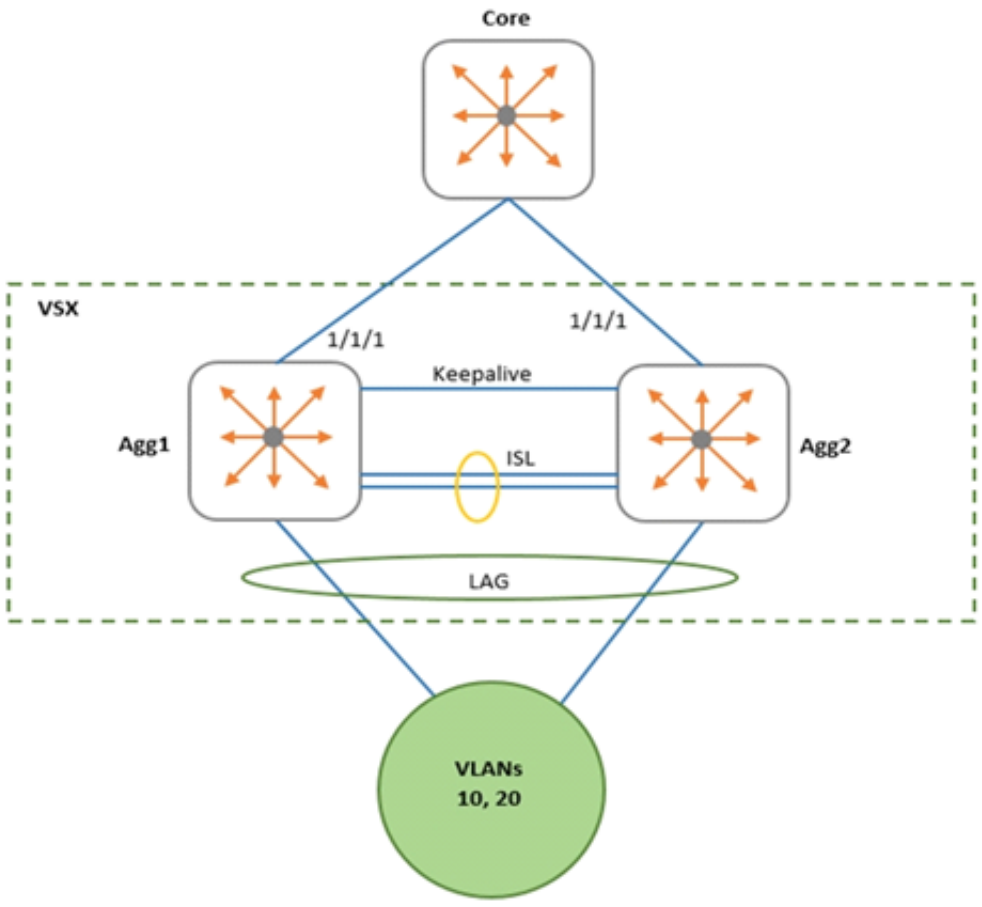
Answer: D

NEW QUESTION 57
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

NEW QUESTION 62
Examine the network exhibit.



A network administrator is implementing OSPF on a VSX pair of aggregation switches: Agg1 and Agg2. VLANs 10 and 20 are connected to layer-2 access switches. Agg-1 and Agg-2 are configured as the default gateway for VLANs 10 and 20, with active gateway enabled.
What is the best practice for configuring OSPF on the aggregation switches and their connection to the Core switch?

A. Define a layer-2 VSX LAG associated with a layer-3 VLAN interfac
B. Enable active gateway for the Layer-3 VLAN.
C. Define separate layer-3 VLAN interfaces between the aggregation and core switche
D. Enable active forwarding for the Layer-3 VLAN.
E. Define separate layer-3 VLAN interfaces between the aggregation and core switche
F. Enable active gateway for the Layer-3 VLAN.
G. Define a layer-2 VSX LAG associated with a layer-3 VLAN interfac
H. Enable active forwarding for the Layer-3 VLAN.

Answer: A

NEW QUESTION 67
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

Answer: C

NEW QUESTION 69
A company requires access by all users, guests, and employees to be authenticated. Employees will be authenticated using 802.1X, whereas guests will be authenticated using captive portal. Which type of authentication must be configured on an AOS-CX switch ports where both guests and employees connect?

A. Both 802.1X and captive portal
B. 802.1X only
C. Both 802.1X and MAC-Auth
D. 802.1X, captive portal, and MAC-Auth

Answer: C

NEW QUESTION 72
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

NEW QUESTION 75
An administrator is implementing a multicast solution in a multi-VLAN network. Which statement is true about the configuration of the switches in the network?

A. IGMP snooping must be enabled on all interfaces on a switch to intelligently forward traffic
B. IGMP requires join and leave messages to graft and prune multicast streams between switches
C. IGMP must be enabled on all routed interfaces where multicast traffic will traverse
D. IGMP must be enabled on all interfaces where multicast sources and receivers are connected

Answer: B

NEW QUESTION 78
The company has just upgraded their access layer switches with AOS-CX switches and implemented an AAA solution with ClearPass. The company has become concerned about what actually connects to the user ports on the access layer switch, Therefore, the company is implementing 802.1X authentication on the AOS-CX switches. An administrator has globally enabled 802.1X, and has enabled it on all the access ports connected to user devices, including VoIP phones, security cameras, and wireless Aruba IAPs. Wireless users are complaining that they successfully authenticate to the IAPs; however, they do not have access to network resources. Previously, this worked before 802.1X was implemented on the AOS-CX switches.
What should the company do to solve this problem?

A. Implement device-based mode on the lAP-connected AOS-CX switch ports.
B. Implement local user roles and local forwarding on the AOS-CX switches.
C. Implement downloadable user roles and user-based tunneling (UBT) on the AOS-CX switches.
D. Implement AAA RADIUS change of authorization on the AOS-CX switches.

Answer: C

NEW QUESTION 81
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

Answer: A

NEW QUESTION 86
When comparing PIM-DM and PIM-SM, which multicast components are only found with PIM-SM in multicast routing? (Choose two.)

A. IGMP querier
B. Rendezvous point

C. Bootstrap router
D. Shortest path tree
E. Designated router

Answer: BD

NEW QUESTION 90
Examine the AOS-CS switch output:

```
Switch# show aaa authentication port-access interface 1/1/1 client-status

Port Access Client Status Details

Client 00:50:56:b1:7a:37, icx-employee

Session Details
--------------------------------------------------
  Port         : 1/1/3
  Session Time : 31273s

Authentication Details
--------------------------------------------------
  Status          : dot1x Authenticated
  Auth Precedence : dot1x - Authenticated, mac-auth - Not attempted

Authorization Details
--------------------------------------------------
  Role      : aruba_contractor-3044-7
  Status    : Applied
```

Based on this output, what is correct?

A. 802.1X authentication was successful, but MAC authentication is yet to start
B. 802.1X authentication occurred and downloadable user roles are deployed
C. A local user role was deployed using a ClearPass solution
D. Only 802.1X authentication is configured on the port

Answer: B

NEW QUESTION 91
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