HP

Exam Questions HPE6-A73

Aruba Certified Switching Professional Exam

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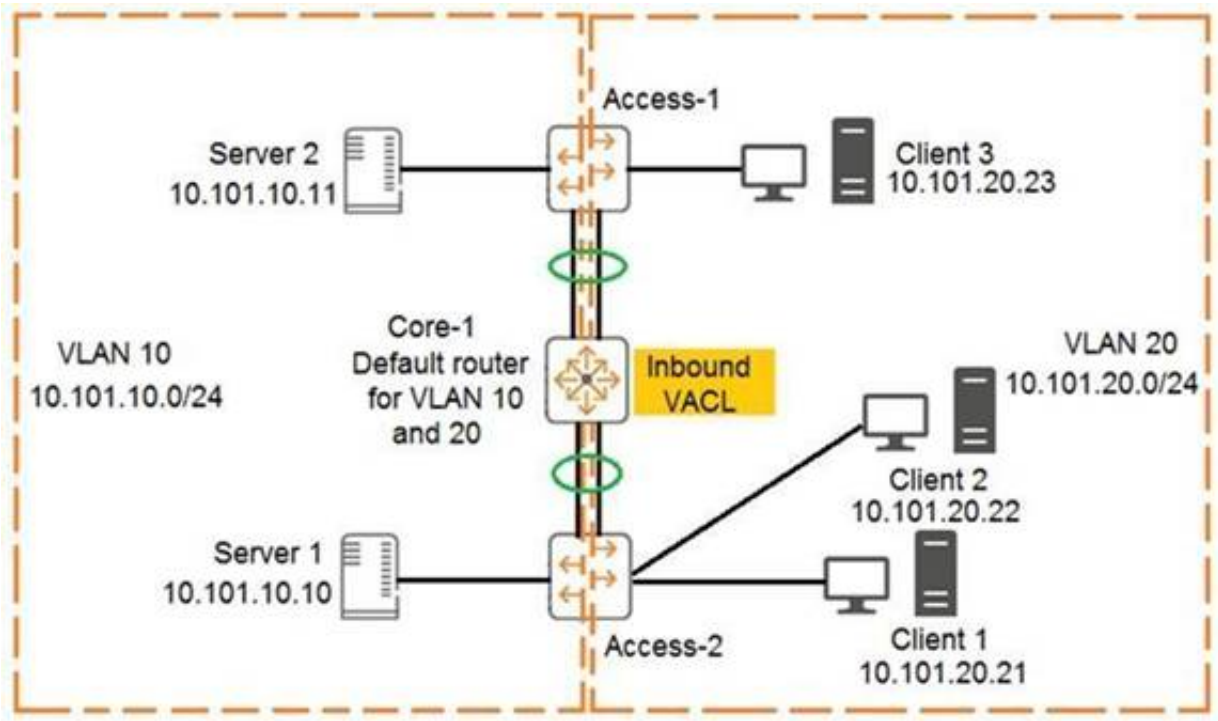
NEW QUESTION 1
Examine the network exhibit:



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
```

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

Explanation:
CL3 - CL2 - drop on forward path by core1 cause match VLAN 20 and CL3 not CL1 as SRC IP CL1 - CL2 - pass - no ACL cause forwarded by Access2
SR2 - CL2 - pass on forward path by core1 cause match VLAN 10
Drop on return path by core1 cause match VLAN 20 and no CL1 as SRC IP SR1 - CL1 - pass on forward path by core1 cause match VLAN 10
pass on return path by core1 cause match VLAN 20 and CL1 as SRC IP
CL1 - CL3 - pass on forward path by core1 cause match VLAN 20 and CL1 as SRC IP drop on return path by core1 cause match VLAN 20 and not CL1 but CL3 as SRC IP

NEW QUESTION 2
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 3
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 4
What is a concept associated with PIM sparse mode (SM)?

A. Reverts to forwarding when the pruning state times out.
B. Requires periodic joins to maintain the shortest path tree (SPT).
C. Recommended for use when high bandwidth connections exist.

D. Implements a push content to forward traffic from the multicast source.

Answer: B

Explanation:
https://www.youtube.com/watch?v=PhzMcUcS6UA

NEW QUESTION 5
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

NEW QUESTION 6
An administrator is managing a pair of core AOS-CX switches configured for VSX. Connected to this core are pairs of aggregation layer AOS-CX switches configured for VSX. OSPF is running between the aggregation and core layers. To speed up OSPF convergence, the administrator has configured BFD between the core and aggregation switches.
What is a best practice the administrator should implement to reduce CPU processing on the switches if a BFD neighbor fails?

A. Disable ICMP redirects
B. Implement graceful restart
C. Increase the BFD echo timers
D. Increase the VSX keepalive timer

Answer: A

NEW QUESTION 7
An administrator wants to implement a virtual switching technology that implements a single control-plane solution. Which S-CX switches would meet these criteria?

A. All AOS-CX switching platforms
B. AOS-CX 6300 and 6400 switches
C. AOS-CX 6300, 6400, and 83xx switches
D. AOS-CX 6300 switches

Answer: C

NEW QUESTION 8
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 9
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

Answer: A

NEW QUESTION 10

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 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

NEW QUESTION 11
An administrator is managing a network comprised of AOS-CX switches deployed at the aggregation layer. The switches are paired in a VSX stack and run the OSPF routing protocol. The administrator is concerned about how long it takes for OSPF to converge when one of the VSX switches has to reboot.
What should the administrator to do speed up the OSPF convergence of the switch that is rebooting?

A. Change the VSXISL link from an OSPF broadcast link point-to-point.
B. Implement graceful restart on the VSX switches and their neighboring OSPF switches.
C. Decrease the VSX initial synchronization timer on the two VSX switches.
D. Define non-backbone areas on the VSX switches as totally stubby areas.

Answer: B

NEW QUESTION 14
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 15
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 19
An administrator is configuring BGP and has two connections to a service provider to two different local routers.
Which BGP metric should the administrator configure to influence which local router the service provider will use to reach certain routes?

A. Weight
B. Multiple exit discriminator
C. Local preference
D. Origin

Answer: C

NEW QUESTION 23
An AOS-CX switch is configured to implement downloadable user roles. Examine the AOS-CX switch output:

```
Access1(config)# show aaa authentication port-access interface all client-status

Port Access Client Status Details

Client 00:50:56:b1:7a:37
============================
Session Details
----------------
Port : 1/1/3
Session Time : 1887s

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

Authorization Details
---------------------
Role :
Status : Not ready
```

Based on this output, what is the state of the user's access?

A. No downloadable user role exists
B. MAC authentication has passed, but 802.1X authentication is in progress
C. The RADIUS request timed out to the AAA server
D. The port should be configured for 802.1X

Answer: A

Explanation:
User role "Authenticated" was passed down but does not exist

NEW QUESTION 24
Examine the following AOS-CX switch configuration:

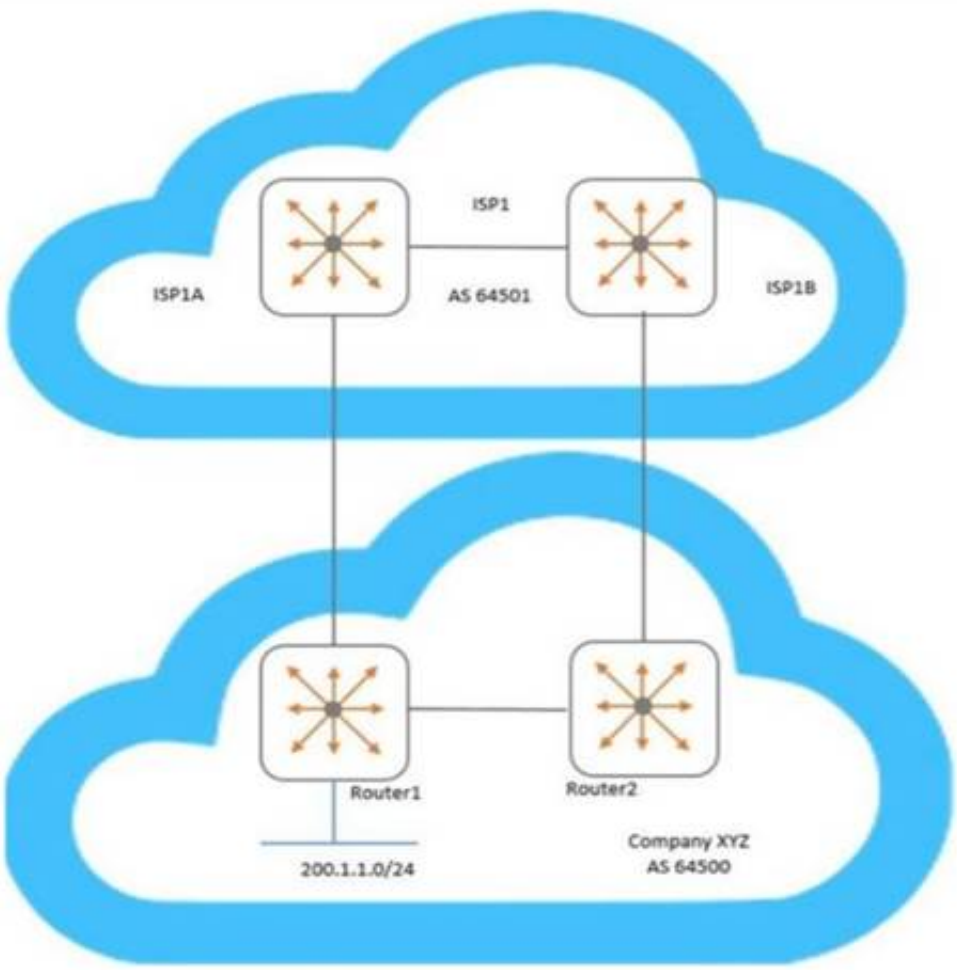
```
Switch(config-addgroup-ip)# object-group ip address servers
Switch(config-addgroup-ip)# 10.1.0.100
Switch(config-addgroup-ip)# 10.1.1.100
Switch(config-addgroup-ip)# exit
```

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

Answer: B

NEW QUESTION 27
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 28
An administrator of a large campus network needs a solution that will provide root cause analytics to quickly identify problems so that they can quickly be fixed. Which AOS-CX switch feature should the administrator utilize to help with root cause analytics?

A. NAE
B. VoQ
C. NetEdit
D. VSX

Answer: A

NEW QUESTION 31
Examine the following AOS-CX switch configuration:

```
Access(config)# access-list ip ext
Access(config-acl-ip)# permit ip any 10.0.11.0/255.0.255.0 count
Access(config-acl-ip)# permit ip any 10.0.12.0/255.0.255.0 log
Access(config-acl-ip)# exit
Access(config)# interface 1/1/3
Access(config-if)# apply access-list ip ext in
Access(config-if)# exit
```

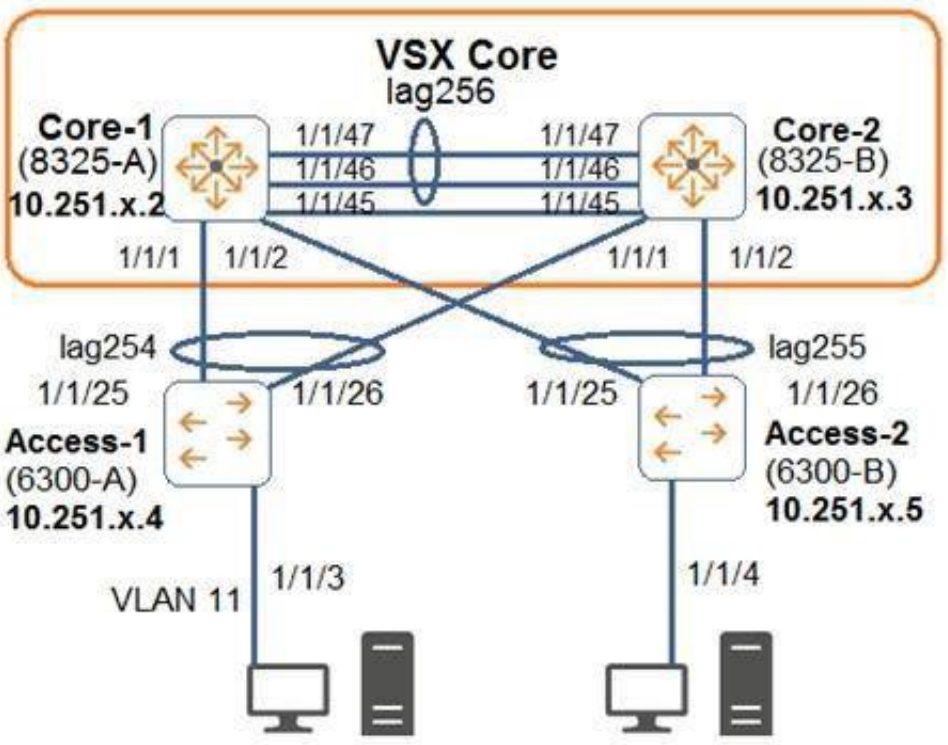
Which statement correctly describes what is allowed for traffic entering interface 1/1/3?

A. IP traffic from 10.1.11.0/24 is allowed to access 10.1.110.0/24
B. IP traffic from 10.0.11.0/24 is allowed to access 10.1.12.0/24
C. Traffic from 10.0.12.0/24 will generate a log record when accessing 10.0.11.0/24
D. IP traffic from 10.1.12.0/24 is allowed to access 172.0.1.0/23

Answer: B

Explanation:
People seem to be confused by inverted mask/wildcard masks. They would be correct for Cisco switches, but AOS-CX does NOT use wildcard masks; "AOX-CX switches do not support wildcard masks - only prefixes or subnet masks - when created ACEs."
Cisco: 255.0.255.0 = xx.123.xx.123 AOS-CX: 255.0.255.0 = 123.xx.123.xx

NEW QUESTION 36
Examine the attached diagram.



The two PCs are located in VLAN 11 (10.1.11.0/24). Which example defines how to implement active gateway on the VSX core for VLAN 11?

A. interface vlan 11active-gateway ip 10.1.11.1active-gateway mac 02:02:00:00:01:00
B. interface lag 254active-gateway vlan 11 ip 10.1.11.1active-gateway vlan 11 mac 02:02:00:00:01:00
C. interface lag 254active-gateway ip 10.1.11.1active-gateway mac 02:02:00:00:01:00
D. vsxvrrp group 1

Answer: A

NEW QUESTION 39
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

Answer: BC

NEW QUESTION 42
Examine the VSX-related configuration of the core layer AOS-CX switch:

```
ICX-Tx-Core1(config)# vrf KA
ICX-Tx-Core1(config)# interface 1/1/45
ICX-Tx-Core1(config-if-1/1/45)# no shutdown
ICX-Tx-Core1(config-if-1/1/45)# vrf attach KA
ICX-Tx-Core1(config-if-1/1/45)# ip address 192.168.0.0/31
ICX-Tx-Core1(config-if-1/1/45)# exit
ICX-Tx-Core1(config)# interface lag 256
ICX-Tx-Core1(config-if)# no shutdown
ICX-Tx-Core1(config-if)# no routing
ICX-Tx-Core1(config-if)# vlan trunk native 1
ICX-Tx-Core1(config-if)# vlan trunk allowed all
ICX-Tx-Core1(config-if)# lacp mode active
ICX-Tx-Core1(config-if)# exit
ICX-Tx-Core1(config)# interface 1/1/46-1/1/47
ICX-Tx-Core1(config-if-<1/1/46-1/1/47>)# mtu 9198
ICX-Tx-Core1(config-if-<1/1/46-1/1/47>)# exit
ICX-Tx-Core1(config)# vsx
ICX-Tx-Core1(config-vsx)# inter-switch-link lag 256
ICX-Tx-Core1(config-vsx)# role primary
ICX-Tx-Core1(config-vsx)# vsx-sync vsx-global
ICX-Tx-Core1(config-vsx)# exit
ICX-Tx-Core1(config)# vsx
ICX-Tx-Core1(config-vsx)# keepalive peer 192.168.0.1 source 192.168.0.0 vrf KA
ICX-Tx-Core1(config-vsx)# exit
ICX-Tx-Core1(config)# interface lag 1 multi-chassis
ICX-Tx-Core1(config-lag-if)# no routing
ICX-Tx-Core1(config-lag-if)# vlan access 1
ICX-Tx-Core1(config-lag-if)# lacp mode active
ICX-Tx-Core1(config-lag-if)# exit
ICX-Tx-Core1(config)# int 1/1/1
ICX-Tx-Core1(config-if)# description access1
ICX-Tx-Core1(config-if)# lag 1
ICX-Tx-Core1(config-if)# no shutdown
ICX-Tx-Core1(config-if)# exit
```

A network administrator is troubleshooting a connectivity issue involving the VSX LAG (link aggregation) between the core and access layer switch, during HW replacement of one of the core switches.
Which configuration should the administrator add to the core switch to fix this issue?

A. ICX-Tx-Core1(config)# vsxICX-Tx-Core1(config-vsx)# system-mac 02:01:00:00:01:00
B. ICX-Tx-Core1(config)# interface lag 1 multi-chassis ICX-Tx-Core1(config-if-lag-if)# mtu 9198
C. ICX-Tx-Core1(config)# interface 1/1/46-1/1/47ICX-Tx-Core1(config-if-vlan)# active-gateway ip 10.1.11.1 mac 02:02:00:00:01:00
D. ICX-Tx-Core1(config)# interface 1/1/45ICX-Tx-Core1(config-if-vlan)# active-gateway ip 192.168.0.0 mac 02:02:00:00:01:00

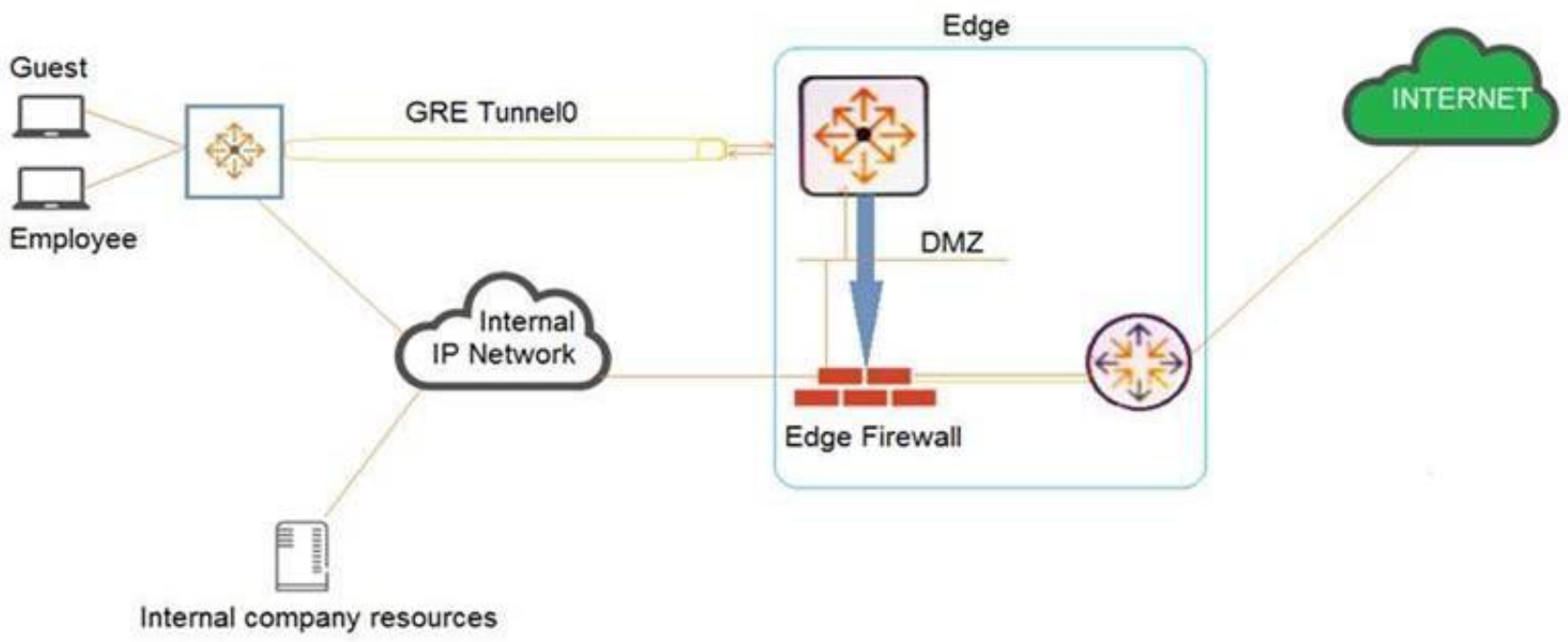
Answer: D

NEW QUESTION 46
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 50
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

Answer: B

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

NEW QUESTION 52
What are best practices when implementing VSX on AOS-CX switches? (Choose two.)

A. The ISL lag should use the default MTU size.
B. Timers should be left at their default values.
C. The default system MAC addresses should be used.
D. The keepalive connection should use a direct layer-3 connection.
E. The ISL lag should use at least 10GbE links or faster.

Answer: BD

NEW QUESTION 55
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

Answer: B

NEW QUESTION 58
An administrator in a company of 349 users has a pair of AOS-CX switches with connections to external networks. Both switches are configured for OSPF. The administrator wants to import external routes on both switches, but assigns different seed metrics to the routes, as well as imports them as external type-1 routes.
What is the best way for the administrator to accomplish this?

A. Create a route map with the correct route type and metrics
B. Define the route type and metrics in the OSPF process
C. Create a classifier policy with the correct route type and metrics
D. Define a class and policy map with the correct route type and metrics

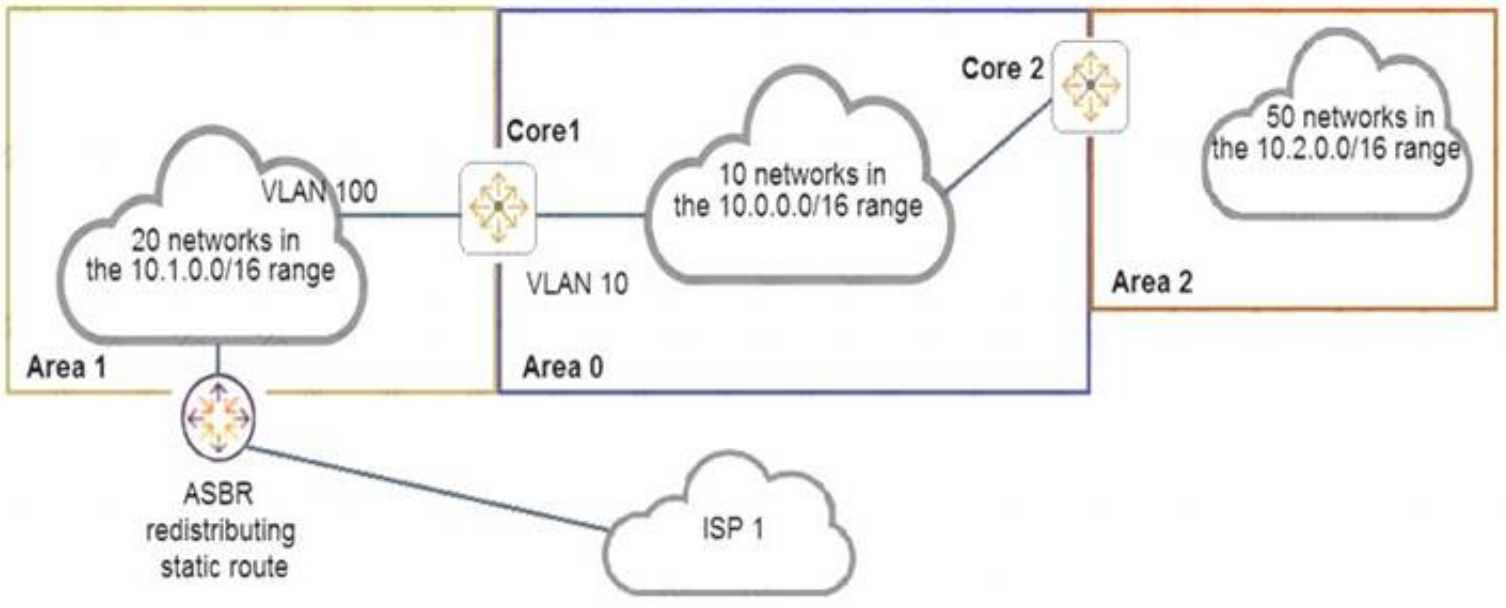
Answer: A

NEW QUESTION 62
What is the purpose of the transit VLAN when implementing dynamic segmentation policies involving AOS-CX switches and an Aruba gateway solution?

A. It identifies the VLAN that the user traffic will be assigned to when it comes out of the tunnel and is forwarded by the gateway.
B. It identifies the VLAN that the user traffic will be assigned to, whether the traffic is tunneled or locally switched
C. It defines the VXLAN identifier to identified UBT traffic between the AOS-CX switches and the gateway solution
D. It identifies the VLAN that the switch will use when tunneling the traffic to the gateway

Answer: D

NEW QUESTION 64
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:

```
router ospf 1
  router-id 10.0.0.1
  area 0.0.0.0
  area 0.0.0.1 stub
  area 0.0.0.1 range 10.1.0.0/16 type inter-area
  area 0.0.0.2
  area 0.0.0.0 range 10.1.0.0/16 type inter-area
  exit
interface vlan 10
  ip ospf 1 area 0
  exit
interface vlan 100
  ip ospf 1 area 1
  exit
```

Based on the above information, what is correct?

A. ISP 1 is not reachable from any area.
B. Corel has received one type 5 LSA from the ASBR.
C. Area 0 has 81 routes
D. Area 1 has 23 routes

Answer: C

NEW QUESTION 65
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

NEW QUESTION 67
When implementing deficit weighted round robin queuing, what importance does the weight value have?

A. Prioritizing latency-sensitive traffic
B. Queue priority in processing traffic
C. Strict priority queue
D. Percentage of interface bandwidth

Answer: B

NEW QUESTION 69
An administrator wants to use an existing Aruba gateway's firewall policies to filter both wireless and
wired traffic. Which AOS-CX switch feature should a customer implement to ensure the gateway applies the same or similar firewall policies to users' wired and wireless traffic?

A. GRE tunneling
B. User-based tunneling
C. Port-based tunneling
D. IPSec tunneling

Answer: A

NEW QUESTION 71
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: B

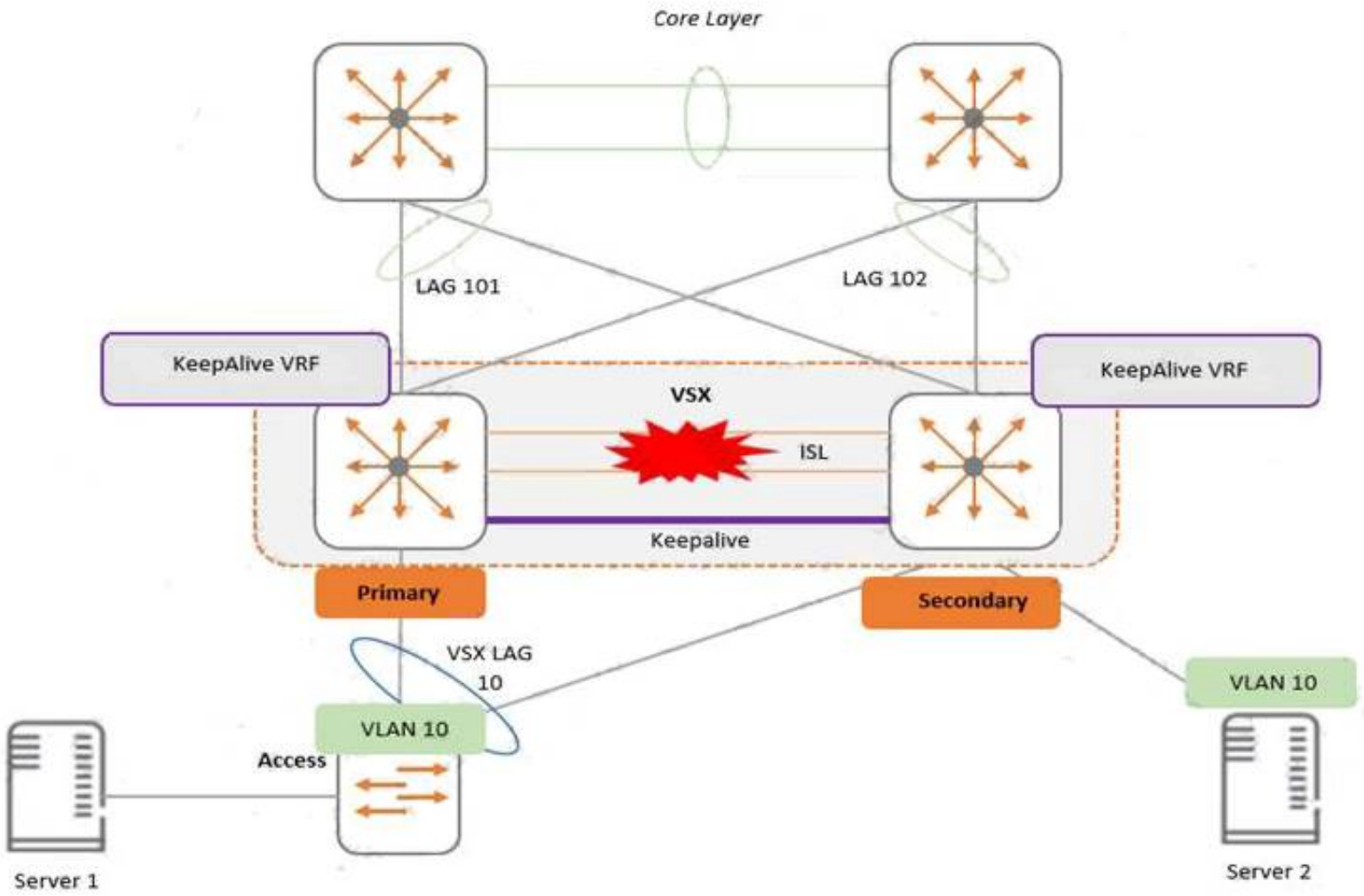
Explanation:
https://techhub.hpe.com/eginfolib/Aruba/OS-CX_10.04/5200-6724/index.html#GUID-2048A4D8-5458-4C00-A

NEW QUESTION 73
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: A

NEW QUESTION 76
Examine the attached diagram



Two AOS-CX switches are configured for VSX at the access layer, where servers attached to them. An SVI
interface is configured for VLAN 10 and serves as the default gateway for VLAN 10. The ISL link between the switches fails, but the keepalive interface functions.
Active gateway has been configured on the switches.
What is correct about access from the servers to the Core?

A. Server 2 can successfully access the core layer via the keepalive link.
B. Server 1 and Server 2 can communicate with each other via the core layer.
C. Server 2 cannot access the core layer.
D. Server 1 can access the core layer via both uplinks.

Answer: B

NEW QUESTION 77
A network administrator is tasked to set up BGP in the company's network. The administrator is defining an eBGP peering between an AOS-CX switch and a directly-connected service provider. The administrator has configured the following on the AOS-CX switch:

```
switch(config)# interface loopback 0
switch(config-loopback-if)# ip address 10.1.1.1/32
switch(config-loopback-if)# exit
switch(config)# interface 1/1/1
switch(config-if)# no shutdown
switch(config-if)# routing
switch(config-if)# ip address 192.168.1.2/30
switch(config-if)# exit
switch(config)# router bgp 64500
switch(config-bgp)# neighbor 192.168.1.1 remote-as 64511
switch(config-bgp)# bgp router-id 192.168.1.2
switch(config-bgp)# address-family ipv4 unicast
switch(config-bgp-ipv4-uc)# exit
```

However, when using the "show bgp all summary" command, the state does not display "Established" for the eBGP peer. What must the administrator configure to fix this issue?

A. router bgp 64500 neighbor 192.168.1.1 ebgp-multihop
B. router bgp 64500 enable
C. router bgp 64500 address-family ipv4 unicast neighbor 192.168.1.1 activate
D. router bgp 64500 neighbor 192.168.1.1 update-source loopback0

Answer: C

NEW QUESTION 78
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 80
An administrator is designing an access layer solution in a data center. A key requirement is to dual-home mission-critical server connections to two different switches, ensuring that the servers always have network access, even during switch software upgrades. This feature should support strictly-controlled provisioning.
What would best meet the administrator's needs when deploying AOS-CX switches?

A. VSF
B. Dynamic segmentation
C. VSX
D. NAE

Answer: C

NEW QUESTION 83
A company is implementing AOS-CX switches at the access layer. The company wants to implement access control for employees and guests.
Which security features will require a ClearPass server to be installed and used by the company?

A. Downloadable user roles
B. Dynamic segmentation
C. User-based tunneling (UBT)
D. Change of authorization (CoA)

Answer: A

NEW QUESTION 87
A company is implementing a new wireless design and needs it to support high availability, even during times of switch system upgrades. The solution will involve Aruba Mobility Controller (MC) and Aruba AP connections requiring POE. Which campus AOS-CX switch solution and virtual switching should the company implement at the campus access layer?

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

Answer: A

Explanation:
only 6400 support highly available during upgrades

NEW QUESTION 91
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 96
What is true regarding VSX and keepalives on AOS-CX switches?

A. A separate VLAN on the ISL link is used.
B. A VSX LAG for the keepalives is a best practice.
C. The OOBM port must be used.
D. A 1GbE or faster port is used.

Answer: D

NEW QUESTION 101
Which AOS-CX switches support weighted fair queuing (WFQ)?

A. Both 8320 and 8325
B. Both 6300 and 6400
C. 8400 only
D. 6300 only

Answer: C

Explanation:
https://www.arubanetworks.com/techdocs/AOS-CX/AOSCX-CLI-Bank/cli_8400/Content/QoS_cmds/wfq-que-x

NEW QUESTION 105
Which concept is implemented using Aruba's dynamic segmentation?

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

Answer: D

NEW QUESTION 108
A network administrator is installing NetEdit. In order for NetEdit to manage the AOS-CX switches in the network, what must be defined on the AOS-CX switches? (Choose two.)

A. Enabling telnet
B. Defining an admin user password
C. Defining the https user-group
D. Enabling the RESTful API for read and write access
E. Enabling SFTP

Answer: BD

NEW QUESTION 111
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: C

NEW QUESTION 115
An administrator wants to leverage the Network Analysis Engine (NAE) feature on AOS-CX switches to perform root cause analysis and to assist in quickly identifying problems. Which two AOS-CX databases does the administrator have access to when implementing scripts? (Select two.)

A. Time-series
B. API
C. VSX
D. Configuration
E. Audit

Answer: AC

NEW QUESTION 119
A company has recently purchased a ClearPass AAA solution. Their network consists of AOS-CX switches at the access layer. The company is implementing a rollout of IoT devices for smart building management to control the lighting and HVAC systems. The network administrator is concerned about allowing secure access to these devices since they only support MAC-Auth.
Which ClearPass feature should the administrator leverage to help determine that MAC address spoofing is not occurring for this group of devices?

A. User-based tunneling
B. Device fingerprinting
C. RADIUS change of authorization
D. Downloadable user roles

Answer: B

NEW QUESTION 120
An administrator is replacing the current access switches with AOS-CX switches. The access layer switches must authenticate user and networking devices connecting to them. Some devices support no form of authentication, and some support 802.1X. Some ports have a VoIP phone and a PC connected to the same

port, where the PC is connected to the data port of the phone and the phone's LAN port is connected to the switch.
Which statement is correct about this situation?

A. 802.1X must be configured to work in fallback mode
B. Device fingerprinting is required for authentication
C. The client-limit setting for port access needs to be changed
D. Device mode should be implemented

Answer: C

Explanation:
fallback mode if for the radius part; client limit is for multiple authent on one port (ie phone + pc) From doc :
aaa port-access authenticator <port-list> client-limit <1-32>
Used after executing aaa port-access authenticator <port-list> to convert authentication from port-based to user-based. Specifies user-based 802.1X authentication and the maximum number of 802.1X-authenticated client sessions allowed on each of the ports in <port-list>. If a port currently has no authenticated client sessions, the next authenticated client session the port accepts determines the untagged VLAN membership to which the port is assigned during the session. If another client session begins later on the same port while an earlier session is active, the later session will be on the same untagged VLAN membership as the earlier session.

NEW QUESTION 123
An administrator of a company has concerns about upgrading the access layer switches. The users rely heavily on wireless and VoIP telephony. Which is the best recommendation to ensure a short downtime for the users during upgrading the access layer switches?

A. Install the in-service software upgrade (ISSU) feature with clustering enabled
B. Install AOS-CX 6300 or 6400 switches with always-on POE
C. Implement VSF on the AOS-CX access switches
D. Implement VSX on the AOS-CX access switches

Answer: B

Explanation:
The key is to reduce the impact. VSF or not will have same impact when the switch reboots. But if the switch support always on poe then at least the POE clients will be ready before the switch finish booting up. If you dont have always on POE, then the poe clients will reboot AFTER the switch boots up.

NEW QUESTION 125
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 127
An administrator has configured the following on an AOS-CX switch:

```
object-group ip address web-servers
  10.1.12.2
  10.1.12.3
  exit
object-group port web-ports
  eq 80
  eq 443
```

What is the correct ACL rule configuration that would allow traffic from anywhere to reach the web ports on the two specified servers?

A. access-list ip server 10 permit tcp any web-servers group web-ports
B. access-list ip server 10 permit tcp any object-group web-servers object-group web-ports
C. access-list ip server 10 permit tcp any group web-servers group web-ports
D. access-list ip server 10 permit tcp any web-servers web-ports

Answer: A

Explanation:
Switch1(config-acl-ip)# show run cur access-list ip server
10 permit tcp any web-servers group web-ports

NEW QUESTION 130
How does an administrator install a script and create an agent and actions for the Network Analysis Engine running on AOS-CX switches?

A. Access the switches' command-line interface.
B. Access the switches' web user interface
C. Use Aruba Central's web user interface
D. Use the NetEdit web user interface

Answer: B

NEW QUESTION 132
A network administrator is implementing BGP for a larger network. The network has over 20 exit points across 15 different BGP routers. The administrator does not want to implement a fully-meshed iBGP peering between all BGP routers.
Which feature should the administrator implement to reduce the number of peers the administrator needs to define?

A. Next-hop-self
B. BFD
C. Peer-Groups
D. Route reflectors

Answer: C

NEW QUESTION 137
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 141
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 143
A network engineer for a company with 896 users across a multi-building campus wants to gather statistics on an important switch uplink and create actions based on issues that occur on the uplink. How often does an NAE agent gather information from the current state database in regard to the uplink interfaces?

A. Once every 60 seconds
B. Once every 1 second
C. Once every 30 seconds
D. Once every 5 seconds

Answer: D

NEW QUESTION 146
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