



HP

Exam Questions HPE6-A73

Aruba Certified Switching Professional Exam

NEW QUESTION 1

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

NEW QUESTION 2

What is correct regarding rate limiting and egress queue shaping on AOS-CX switches?

- A. Rate limiting and egress queue shaping can be used to restrict inbound traffic
- B. Limits can be defined only for broadcast and multicast traffic
- C. Rate limiting and egress queue shaping can be applied globally
- D. Traffic rate limit is configured on queue level

Answer: D

NEW QUESTION 3

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 4

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 5

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 do to 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 6

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

Answer: C

NEW QUESTION 7

When an AOS-CX switch uses a temporary copy of the Configuration State database, what kind of analysis does NetEdit perform to ensure that the configuration is correct?

- A. Syntax validation
B. Semantic validation
C. Conformance validation
D. Change validation

Answer: D

NEW QUESTION 8

A network administrator is implementing OSPF, where there are two exit points. Each exit point has a stateful, application inspection firewall to implement company policies.

What would the best practice be to ensure that one firewall will see both directions of the traffic, preventing asynchronous connections in the network?

- A. Both ASBRs should define External Type 1 routes for the
B. Both ASBRs should define External Type 1 routes for the
C. Both ASBRs should define External Type 2 routes for the
D. Both ASBRs should define External Type 2 routes for the

Answer: A

NEW QUESTION 9

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?D18912E1457D5D1DDCBD40AB3BF70D5D

- 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 10

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 10

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 14

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 18

An administrator will be implementing tunneling between AOS-CX switches and Aruba gateways. Which list of protocols must minimally be allowed by an intermediate firewall between two sets of devices?

- A. IP protocol 50 and UDP 8209
- B. UDP 4500 and IP protocol 47
- C. UDP 8211 and IP protocol 47
- D. UDP 4500 and UDP 8209

Answer: B

NEW QUESTION 19

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 21

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 25

Examine the partial output of the BGP routing table of an AOS-CX switch:

Switch# show bgp

<-output omitted->

Network	Nexthop	Metric	LocPrf	Weight	Path
* e 1.0.0.0/8	192.168.1.5	0	100	0	100 ?
* e 1.0.0.0/8	192.168.2.5	0	100	0	200 100 i
* e 1.0.0.0/8	192.168.3.5	0	200	20	300 400 100 ?
* e 1.0.0.0/8	192.168.4.5	0	50	0	400 200 100 i

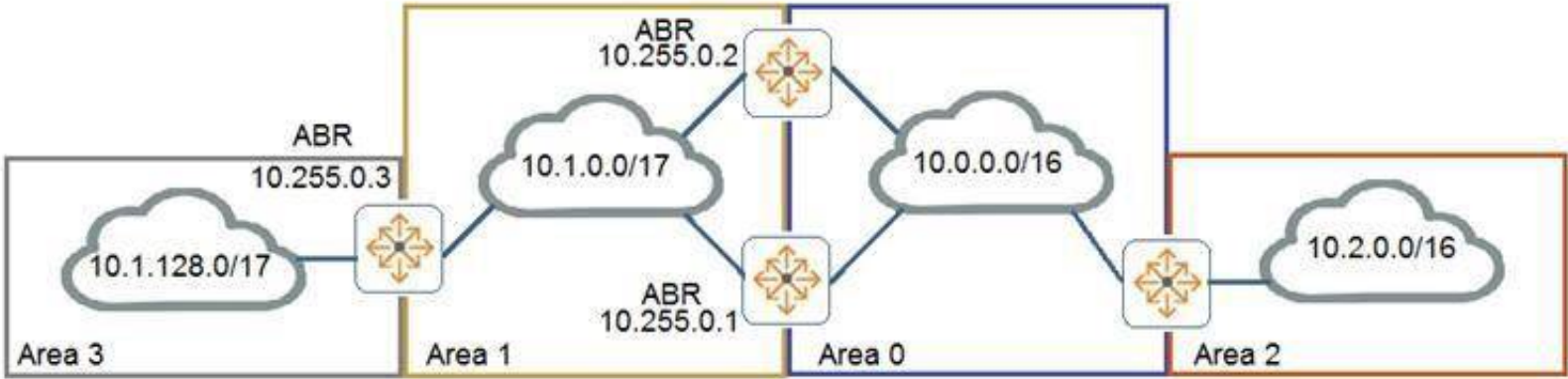
The switch is learning about four possible path to reach the 1.0.0.0/8 network. Based on this output, which next-hop route will the AOS-CX select to be placed in the IP routing table?

- A. 192 168 1 5
- B. 192 168 2 5
- C. 192 168 3 5
- D. 192 1684 5

Answer: C

NEW QUESTION 26

Examine the attached exhibit.



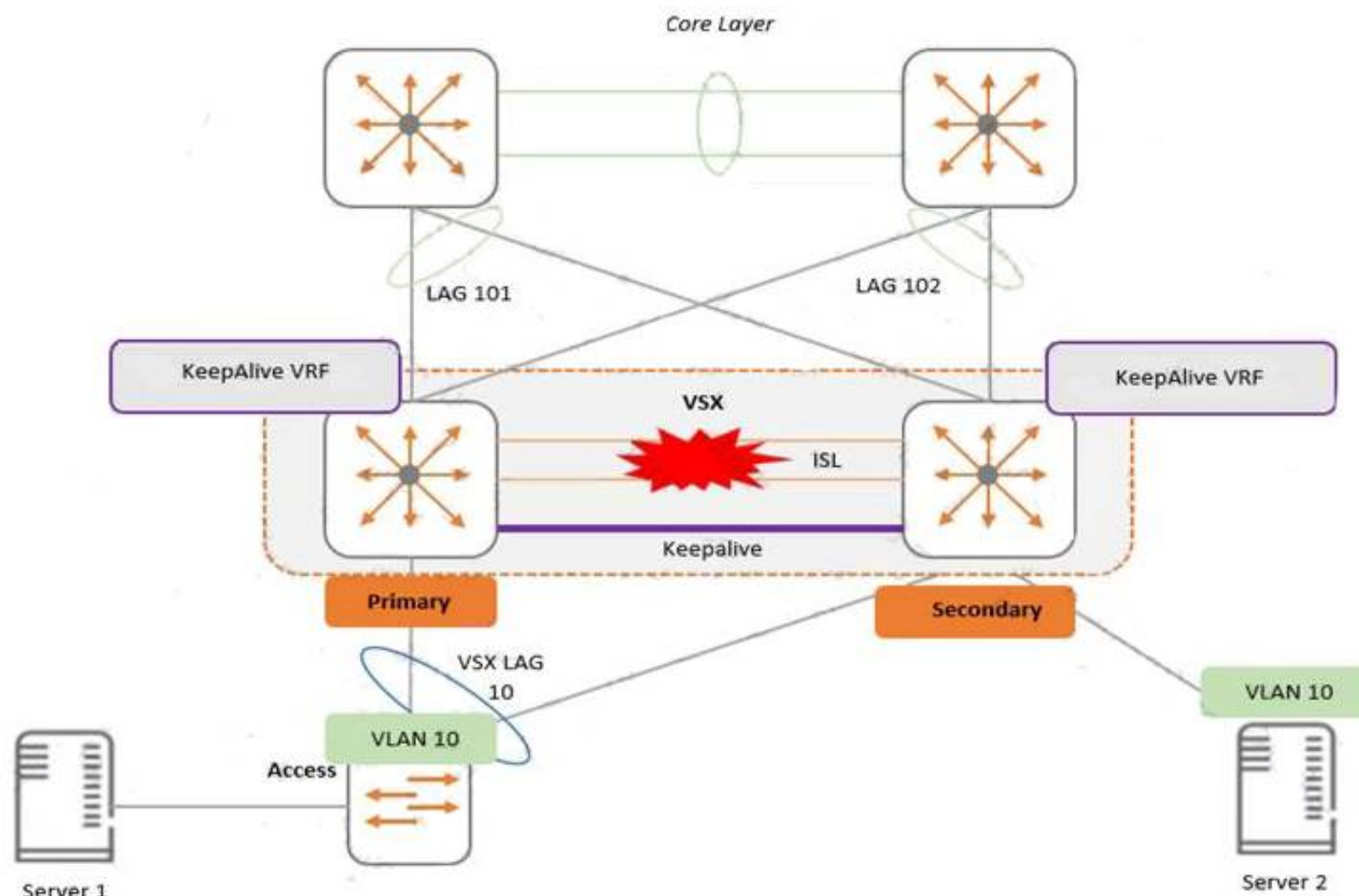
The network administrators is trying to add a remote location as area 3 to the network shown in the diagram. Based on current connection restrictions, the administrator cannot connect area 3 directly to area 0. The network is using AOS-CX switches. Which feature should the administrator implement to 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 30

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: D

NEW QUESTION 31

What is correct regarding rate limiting and egress queue shaping on AOS-CX switches?

- A. Only a traffic rate and burst size can be defined for a queue
- B. Limits can be defined only for broadcast and multicast traffic
- C. Rate limiting and egress queue shaping can be used to restrict inbound traffic
- D. Rate limiting and egress queue shaping can be applied globally

Answer: A

NEW QUESTION 36

What is correct regarding the operation of VSX and multicasting with PIM-SM routing configured?

- A. Each VSX peers runs PIM and builds its own group databas
- B. One of the VSX peers is elected as the designated router (DR) to forward multicast streams to a receiver VLAN
- C. Each VSX peers runs PIM and creates a shared group databas
- D. Both VSX peers can forward multicast streams to receivers in a VLAN, achieving load sharing
- E. Each VSX peers runs PIM and builds its own group databas
- F. Both VSX peers can forward multicast streams to receivers in a VLAN, achieving load sharing
- G. Each VSX peers runs PIM and creates a shared group databas
- H. One of the VSX peers is elected as the designated router (DR) to forward multicast streams to a receiver VLAN

Answer: A

NEW QUESTION 40

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 41

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
- D. DEPLOY

Answer: C

NEW QUESTION 44

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