

Exam Questions HPE7-A08

HPE Network Switching Professional Exam

<https://www.2passeasy.com/dumps/HPE7-A08/>



NEW QUESTION 1

Your customer's CISO would like to deploy colorless ports across the network. Which will you need to configure to meet this requirement?

- A. Port-security
- B. MAC Auth
- C. Sticky MAC
- D. Virtual MAC

Answer: B

NEW QUESTION 2

Refer to the exhibit:

Access-1# show checkpoint				
NAME	TYPE	WRITER	DATE[YYYY/MM/DD]	IMAGE VERSION
lab2_final	latest	User	2024-04-01T20:18:56Z	FL.10.13.1000
startup-config	startup	User	2024-04-01T20:11:21Z	FL.10.13.1000
CPC20240401194222.Access-1.6300	checkpoint	System	2024-04-01T19:42:22Z	FL.10.13.1000
CPC20240401191802.Access-1.6300	checkpoint	System	2024-04-01T19:18:02Z	FL.10.13.1000
CPC20240401190614.Access-1.6300	checkpoint	System	2024-04-01T19:06:14Z	FL.10.13.1000
CPC20240401183236.Access-1.6300	checkpoint	System	2024-04-01T18:32:36Z	FL.10.13.1000

The current startup configuration on the HPE Aruba Networking CX 6300 switch no longer includes a device profile that was created on the previous day. Based on the exhibit, how can you validate if the configuration was removed without changing the current configuration?

- A. Use show checkpoint to see the changes created between the available checkpoints.
- B. Use checkpoint diff to check for differences between the startup-config and available checkpoints.
- C. Use copy startup-config checkpoint <checkpoint-name> to see the changes created between the available checkpoints.
- D. Use checkpoint rollback to see the changes created between the available checkpoints.

Answer: B

NEW QUESTION 3

What is true when describing HPE Aruba Networking VSX ISL to a new customer?

- A. The ISL traffic is always tagged with EF QoS markings.
- B. The traffic over the ISL is encapsulated as a GRE tunnel.
- C. The ISL LAG automatically includes all configured VLANs.
- D. The ISL LAG must allow all configured VLANs.

Answer: D

NEW QUESTION 4

Which parameters can be configured in a Local User Role? (Choose two.)

- A. VLAN
- B. ClearPass server
- C. Description
- D. Authentication method
- E. ACL

Answer: AE

NEW QUESTION 5

Based on the given output from an HPE Aruba Networking CX 6300:

show route-map BGP-EXPORT	
Route-map: BGP-EXPORT	
Seq 10, permit,	
Match :	
ip prefix-list	: bgp-export
Set :	
as-path prepend	: 65345 65345 65345
Seq 100, permit,	
Match :	
aspath-list	: bgp-65345
Set :	

Which statement about the output above is true?

- A. The defined route map is used in BGP with neighbor remote-as export.
- B. The advertised AS path is longer than by default.
- C. The advertised routes have a MED value of 100.

D. The advertised AS paths are configured in an IP prefix-list.

Answer: B

NEW QUESTION 6

Which queuing mechanism should you configure to ensure voice traffic is always forwarded with the highest priority?

- A. Weighted Fair Queuing (WFQ)
- B. Virtual output queuing (VOQ)
- C. First In First Out (FIFO) queuing
- D. Strict Priority (SP) queuing

Answer: D

NEW QUESTION 7

You need to configure BGP on an HPE Aruba Networking switch using AS 65010. What is required when establishing peering with neighboring devices using eBGP that are not directly connected?

- A. Use of next-hop-self
- B. Use of ebgp-multihop
- C. Use of route-reflector
- D. Use of address-family ipv4 external

Answer: B

NEW QUESTION 8

You have run a script to configure a new VLAN on a CX switch, but are receiving a '404 - Not Found' HTTP response code. What do you need to do to resolve the issue?

- A. Send a POST request to the /rest/v1/login resource.
- B. Correct syntax error contained in the data payload.
- C. Enable the switch REST API in read/write mode.
- D. Specify the /rest/v1/system/vlan URI in the request.

Answer: D

NEW QUESTION 9

You are verifying a new VSX deployment and have run the following command. Based on the output, which statement is true?

```
Core-1# show vsx brief
ISL State : In-Sync
Device State : Peer-Established
Keepalive State : Keepalive-Init
Device Role : primary
Number of Multi-chassis LAG interfaces : 1

Core-1# show vsx status
VSX Operational State
-----
ISL channel : In-Sync
ISL mgmt channel : operational
Config Sync Status : in-sync
NAE : peer_reachable
HTTPS Server : peer_reachable
```

- A. This device has the highest configured VSX priority.
- B. ISL failure would result in a split-brain condition.
- C. VSX on both switches is in a healthy state.
- D. The ISL has been configured in the mgmt VRF.

Answer: B

NEW QUESTION 10

A customer would like to use HPE Aruba Networking Central to monitor and configure switch backups, but does not want to be able to make configuration changes. What can you tell them?

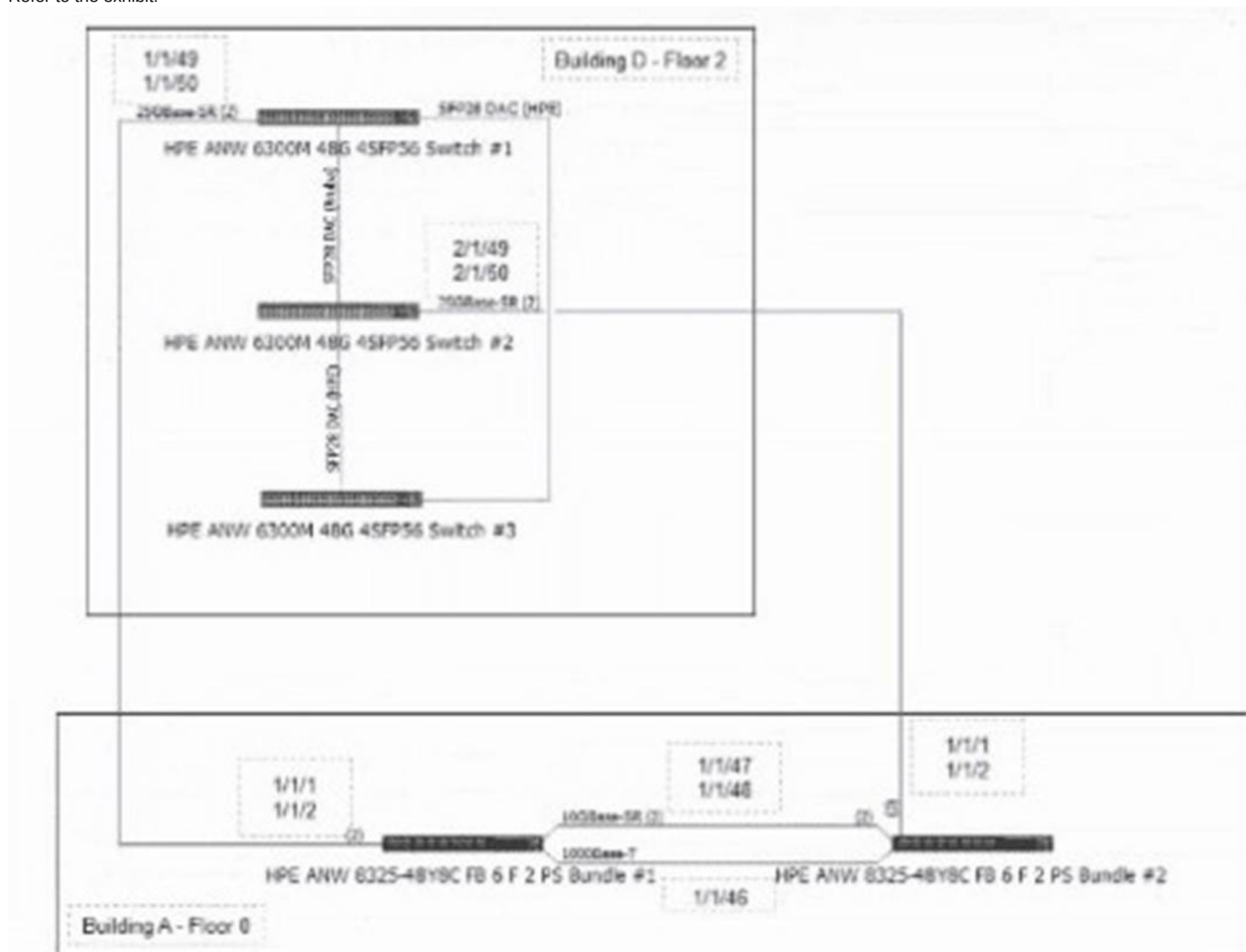
- A. This can be done with the ??read-only?? device attribute.
- B. This is possible for AOS-S switches but not AOS-CX switches.

- C. This is possible for AOS-CX switches but not AOS-S switches.
 D. This can be done with the ??Monitoring only?? group option.

Answer: D

NEW QUESTION 10

Refer to the exhibit:



According to the HPE Aruba Networking VSX best practices, what would need to be changed in the configuration?

- A. Replace the CX6300 [1-2]/1/49 and [1-2]/1/50 ports with SFP56 connectivity.
 B. Replace the CX8325 1/1/47 and 1/1/48 ports with SFP28 connectivity.
 C. Replace the CX8300 [1-2]/1/49 and [1-2]/1/50 ports with QSFP28 connectivity.

Answer: B

NEW QUESTION 11

An eBGP configuration is set up from HPE Aruba Networking CX 6300 to two peers. Both peers advertise the 10.200.0.0/23 subnet with the default configuration. What configuration implementation would prefer this route using peer A over B?

- A. Define a route-map with set local-preference 200 and bind it to peer B BGP import configuration.
 B. Define a route-map with set metric 200 and bind it to peer A BGP import configuration.
 C. Define a route-map with set local-preference 200 and bind it to peer A BGP import configuration.
 D. Define a route-map with set metric 200 and bind it to peer B BGP import configuration.

Answer: C

NEW QUESTION 13

DRAG DROP

Match each network requirement to the most appropriate routing protocol. Options may be used more than once.

eBGP

BGP

OSPF

Static Routing

Answer Area

Advertise your company's public address space to a service provider.

Connecting to the Internet over a single service provider connection.

Connecting to multiple service providers and learning different routes from each one.

Resilient and scalable routing for networks within an organization using route reflectors.

Resilient routing for a large campus network that is efficient and easily scalable.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

eBGP

BGP

OSPF

Static Routing

Answer Area

eBGP

Static Routing

eBGP

BGP

OSPF

Advertise your company's public address space to a service provider.

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NEW QUESTION 17

The HPE Aruba Networking CX 8320 VSX configuration is running the current software:

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```
show image
-----
ArubaOS-CX Primary Image
-----
Version : TL.10.13.1000
Size    : 387 MB
Date    : 2024-01-29 21:07:24 UTC
SHA-256 : 8a57c46181e3e8d6a065f6b60a2b46fc418e71d3e3c2c6cb188e7dc8b7fb2e24

-----
ArubaOS-CX Secondary Image
-----
Version : TL.10.13.1000
Size    : 387 MB
Date    : 2024-01-29 21:07:24 UTC
SHA-256 : 8a57c46181e3e8d6a065f6b60a2b46fc418e71d3e3c2c6cb188e7dc8b7fb2e24

Default Image : secondary
Boot Profile Timeout : 5 seconds

-----
Management Module 1/1 (Active)
-----
Active Image      : secondary
Service OS Version : TL.01.08.0002
BIOS Version      : TL-01-0015
```

The switch has the following IP configuration:

```
interface mgmt
  no shutdown
  ip static 172.25.102.11/23
  default-gateway 172.25.102.1
!
interface vlan 4000
  vsx-sync active-gateways
  ip address 10.255.251.3/29
  active-gateway ip mac 12:02:10:00:01:00
  active-gateway ip 10.255.251.2
exit
```

How do you upgrade the VSX cluster with the least amount of downtime from a remote server 172.25.101.10 reachable from 172.25.102.11?

- A. vsx update-software scp://172.25.101.10/image vrf mgmt
- B. vsx update-software scp://172.25.101.10/image primary
- C. vsx update-software tftp://172.25.101.10/image vrf mgmt
- D. vsx update-software tftp://172.25.101.10/image primary

Answer: A

NEW QUESTION 18

Your customer's CX switches are managed in HPE Aruba Networking Central. If a VSX primary switch is accidentally powered off, which alert will be triggered?

- A. Switch Reboot
- B. Switch Disconnected
- C. Switch Stack Conductor Change
- D. Switch STP Root Change

Answer: B

NEW QUESTION 23

When configuring a multicast solution on HPE Aruba Networking CX switches, what needs to be configured on the access switch to enable efficient traffic flow?

- A. PIM on VLAN
- B. IGMP-snooping on VLAN
- C. IGMP on VLAN
- D. IGMP-snooping on SVI

Answer: B

NEW QUESTION 25

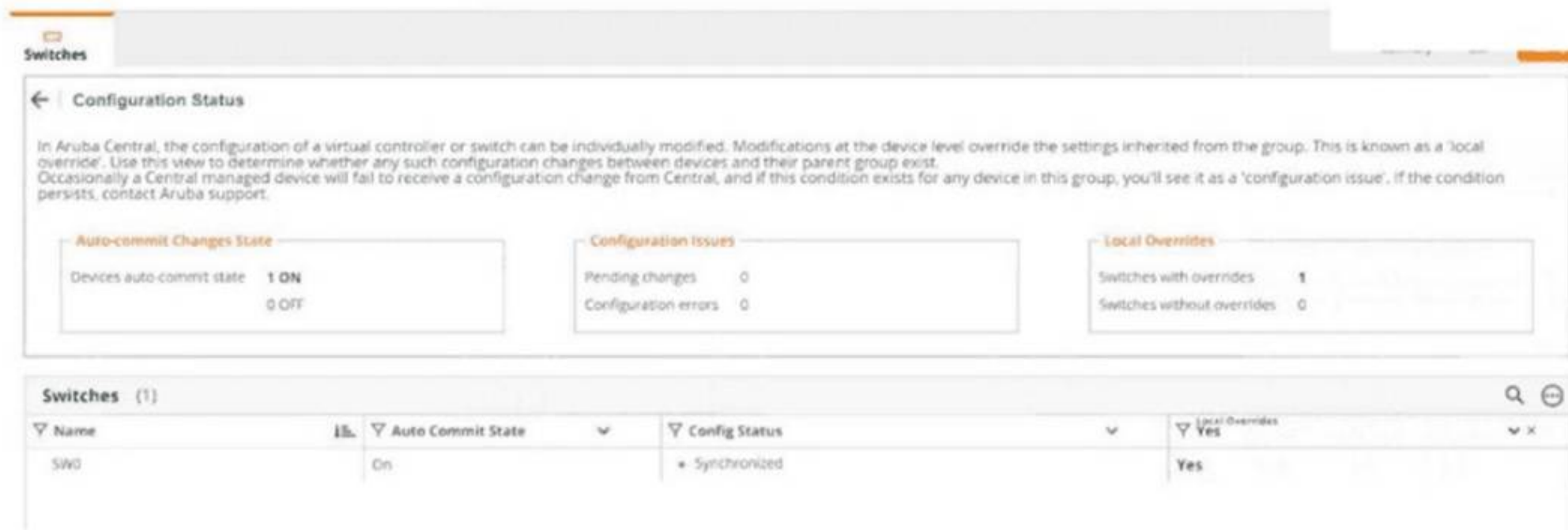
Which HPE Aruba Networking ClearPass configuration is required to implement DUR?

- A. Enable the RadSec service
- B. Create an admin user role
- C. Import RADIUS dictionary attributes
- D. Configure an HTTPS certificate

Answer: D

NEW QUESTION 28

Refer to the exhibit:



The screenshot shows the 'Configuration Status' page for a switch group in Aruba Central. It includes a summary section with three boxes: 'Auto-commit Changes State' (Devices auto-commit state: 1 ON, 0 OFF), 'Configuration Issues' (Pending changes: 0, Configuration errors: 0), and 'Local Overrides' (Switches with overrides: 1, Switches without overrides: 0). Below this is a table titled 'Switches (1)' with columns: Name, Auto Commit State, Config Status, and Local Overrides. The table shows one switch named 'SW0' with 'On' for Auto Commit State, 'Synchronized' for Config Status, and 'Yes' for Local Overrides.

Name	Auto Commit State	Config Status	Local Overrides
SW0	On	Synchronized	Yes

Based on the output, which statement is true?

- A. The switch is currently managed by local CLI overrides.
- B. The switch has a configuration pushed that has changed the default settings.
- C. The switch is set to auto checkpoint creation for auto-rollback, if configuration push fails.
- D. The switch requires a commit configuration, once the change is pushed.

Answer: B

NEW QUESTION 33

You have added a switch with existing configuration to an existing group in HPE Aruba Networking Central but the configuration is not synchronizing. What could cause this?

- A. The switch is configured in a VSX pair, which HPE Aruba Networking Central does not support.
- B. The switch is still pending authorization on the organization settings page.
- C. The switch cannot establish a management connection with HPE Aruba Networking Central.
- D. Only switches with factory default config can be added to a group with existing config.

Answer: D

NEW QUESTION 38

For the aggregation layer, you must configure two new HPE Aruba Networking CX 6200M (VSF) switches. LACP link aggregations to downstream access switches using redundant ports from both switches are required.

Which configuration example would create the required lag setup on both switches utilizing HPE Aruba Networking clustering and stacking technologies?

A.

```
int lag 1
    no routing
    lacp mode active
    vlan trunk allowed all
!
int 1/1/1
    lag 1
    no shutdown
!
int 2/1/1
    lag 1
    no shutdown
!
```

B.

```
int lag 1 multi-chassis
    no routing
    no shutdown
    lacp mode active
    vlan trunk allowed all
!
int 1/1/1
    lag 1
    no shutdown
!
```

C.

```
int lag 1
    no routing
    no shutdown
    lacp mode active
    vlan trunk allowed all
!
int 1/1/1
    lag 1
    no shutdown
!
```

D.

```
int lag 1 multi-chassis
    no routing
    no shutdown
    lacp mode active
    vlan trunk allowed all
!
int 1/1/1
    no shutdown
    lag 1
!
int 2/1/1
    no shutdown
    lag 1
!
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A

NEW QUESTION 41

A customer wants to prevent 'man-in-the-middle' attacks based on Layer 2 addressing. What will help address that concern?

- A. Enable ARP inspection in the VLAN interface context
- B. Enable ARP inspection in the VLAN context
- C. Enable ARP inspection in the global context
- D. Enable ARP inspection in interface-level context

Answer: B

NEW QUESTION 45

After enabling 802.1X authentication on all switch ports connected to AOS10 access points, users joining SSIDs in bridge mode no longer receive an IP address. Users of tunnel mode SSIDs are unaffected. What should be done to resolve the issue?

- A. Enable device auth-mode for the assigned AP role.
- B. Increase the client-limit value on all ports to 99.
- C. Enable MAC authentication on all switch ports.
- D. Configure 802.1X on all client devices.

Answer: A

NEW QUESTION 48

Which data format do CX switches support for the REST API?

- A. XML
- B. YAML
- C. JSON
- D. SOAP

Answer: C

NEW QUESTION 53

You are implementing a directly connected routing plan using OSPF on an HPE Aruba Networking CX 6200 and ISP router. What would be the impact of changing the network type to point-to-point?

- A. It will reduce the number of LSA type-2 advertisements
- B. A larger number of OSPF routes would be supported
- C. It will increase the number of LSA type-3 advertisements
- D. The configuration would remain as the default

Answer: A

NEW QUESTION 58

A customer has asked if their new CX switches will support their legacy management system. Which of these would this include? (Choose two.)

- A. CLI
- B. REST API
- C. NAE
- D. HTTPS
- E. SNMP

Answer: AE

NEW QUESTION 60

DRAG DROP

Match the terminology related to 802.1x authentication.

DRAG DROP -
Match the terminology related to 802.1x authentication.

Authentication server	Authenticator	Radius
Supplicant		

Answer Area

	AOS-CX switch
	Encapsulated packets from NAS
	HPE Aruba ClearPass
	Windows Client

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

DRAG DROP -
Match the terminology related to 802.1x authentication.

Authentication server	Authenticator	Radius
Supplicant		

Answer Area

Authenticator	AOS-CX switch
Radius	Encapsulated packets from NAS
Authentication server	HPE Aruba ClearPass
Supplicant	Windows Client

NEW QUESTION 65

Your customer is concerned about users connecting unmanaged switches to the network and causing outages. Which CX switch feature should you recommend?

- A. Port security
- B. BPDU Guard
- C. Loop protection
- D. MAC authentication

Answer: C

NEW QUESTION 70

Refer to the partial exhibit from HPE Aruba Networking CX 8325:

show profiles available				
Available Profiles				
L3-agg	90304	12 entries, 120000 host entries (8190 unique overlay neighbors, 48638 unique underlay neighbors), 29896	Route entries	
L3-core	32708	12 entries, 28000 host entries (18382 unique overlay neighbors, 32796 unique underlay neighbors), 161796	Route entries	
Leaf	98304	12 entries, 120000 host entries (32705 unique overlay neighbors, 12386 unique underlay neighbors), 29896	Route entries	
Spine	32708	12 entries, 28000 host entries (18382 unique overlay neighbors, 32796 unique underlay neighbors), 161796	Route entries	

If a new CX 8325 is to be deployed, which switch profile should be used to provide gateway and routing services?

- A. L3-core profile should be selected instead of the factory default
- B. Spine profile should be used, which is the factory default
- C. Leaf profile should be selected instead of the factory default
- D. The L3-apg profile should be selected instead of using the factory default

Answer: D

NEW QUESTION 72

Refer to the exhibit:

```
router ospf 1
router-id 10.1.0.3
area 1 stub
exit
```

Using the configuration below, you have configured OSPF at a small branch site, which only requires a single default route to reach the Internet and all other sites. When examining the routing table, you still see other OSPF routes besides the default route. What OSPF area type should you configure?

- A. Totally Not-So-Stubby Area
- B. Stub Area
- C. Totally Stubby Area
- D. Not-So-Stubby Area

Answer: C

NEW QUESTION 73

You are reviewing the configuration of an aggregation switch and have noticed that VLAN 1 is configured as the native VLAN on all interfaces connected to access switches. Why might this have been configured?

- A. To support LLDP
- B. To support UBT
- C. To support MSTP
- D. To support ZTP

Answer: D

NEW QUESTION 77

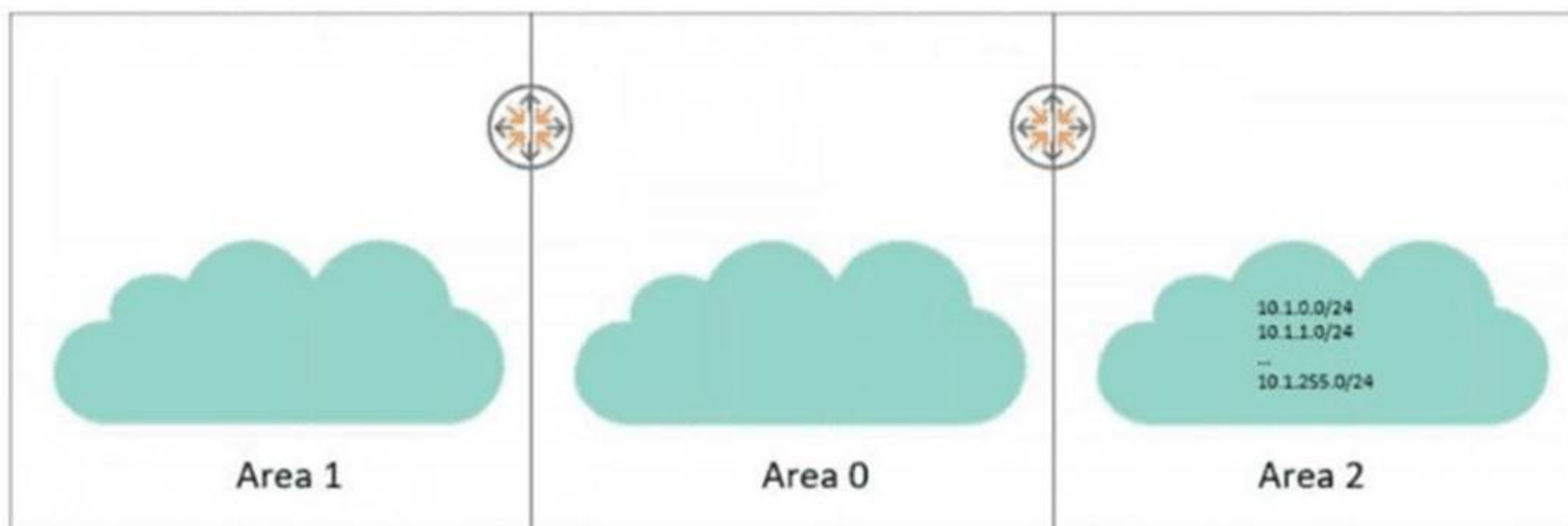
How would you explain to a new HPE Aruba Networking CX customer how the switch can protect against use cases of malicious DHCP servers and ARP poisoning in the network where client-to-server communication is required?

- A. The control-plane policy can be configured with the allowed DHCP servers.
- B. The system configuration database protects the information of authenticated clients.
- C. DHCP-snooping-table and ARP protection will together maintain valid information.
- D. Private VLANs can be used to isolate the server resources to protect against false DHCP servers.

Answer: C

NEW QUESTION 80

Refer to the exhibit:



How can you implement route summarization for the routes originating from Area 2?

- A. router ospf 1 area 0 range 10.1.0.0/16 type inter-area
- B. router ospf 1 area 2 range 10.1.0.0/16 summary-only
- C. router ospf 1 area 2 range 10.1.0.0/16 type inter-area

D. router ospf 1area 0 range 10.1.0.0/16 summary-only

Answer: C

NEW QUESTION 83

You need to find which change was made to the HPE Aruba Networking CX switch from the GUI. Which option can you use?

- A. Use checkpoint diff to compare running-config with stored saved-config revisions
- B. Use show checkpoint diff to compare running-config with stored checkpoints
- C. Use show checkpoint diff to compare running-config with stored saved-config revisions
- D. Use checkpoint diff to compare running-config with stored checkpoints

Answer: C

NEW QUESTION 87

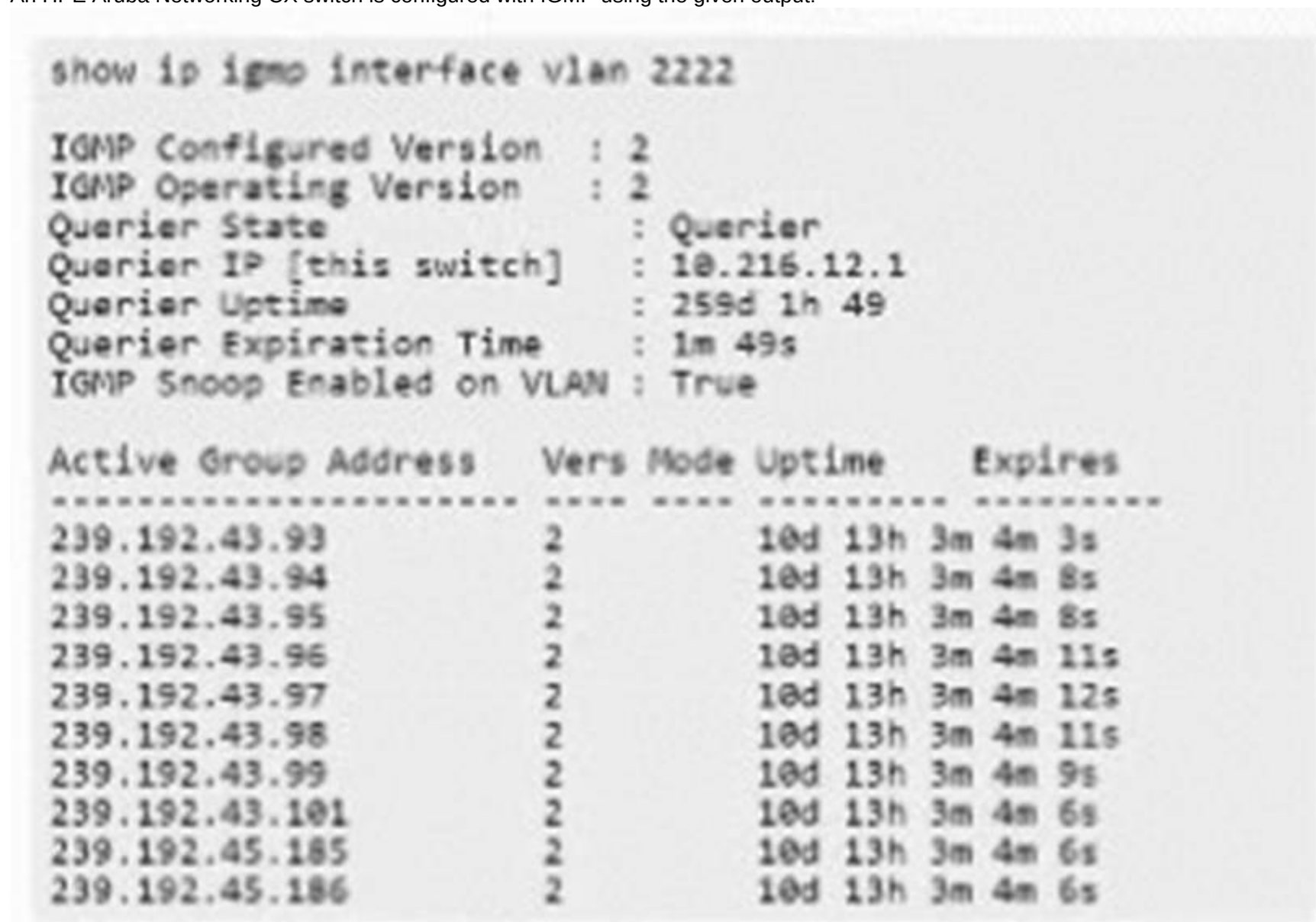
You are reviewing the configuration of a VSX lag and have noticed the command lacp fallback. Why might this have been configured?

- A. To allow operation with active or passive LACP.
- B. To support devices that require PXE Boot.
- C. For backwards compatibility with LACP v1.
- D. For operation using a single partner LACP interface.

Answer: B

NEW QUESTION 89

An HPE Aruba Networking CX switch is configured with IGMP using the given output:



```
show ip igmp interface vlan 2222

IGMP Configured Version   : 2
IGMP Operating Version    : 2
Querier State             : Querier
Querier IP [this switch]  : 10.216.12.1
Querier Uptime            : 259d 1h 49
Querier Expiration Time   : 1m 49s
IGMP Snoop Enabled on VLAN : True

Active Group Address      Vers Mode Uptime      Expires
-----
239.192.43.93            2      10d 13h 3m 4m 3s
239.192.43.94            2      10d 13h 3m 4m 8s
239.192.43.95            2      10d 13h 3m 4m 8s
239.192.43.96            2      10d 13h 3m 4m 11s
239.192.43.97            2      10d 13h 3m 4m 12s
239.192.43.98            2      10d 13h 3m 4m 11s
239.192.43.99            2      10d 13h 3m 4m 9s
239.192.43.101           2      10d 13h 3m 4m 6s
239.192.45.185           2      10d 13h 3m 4m 6s
239.192.45.186           2      10d 13h 3m 4m 6s
```

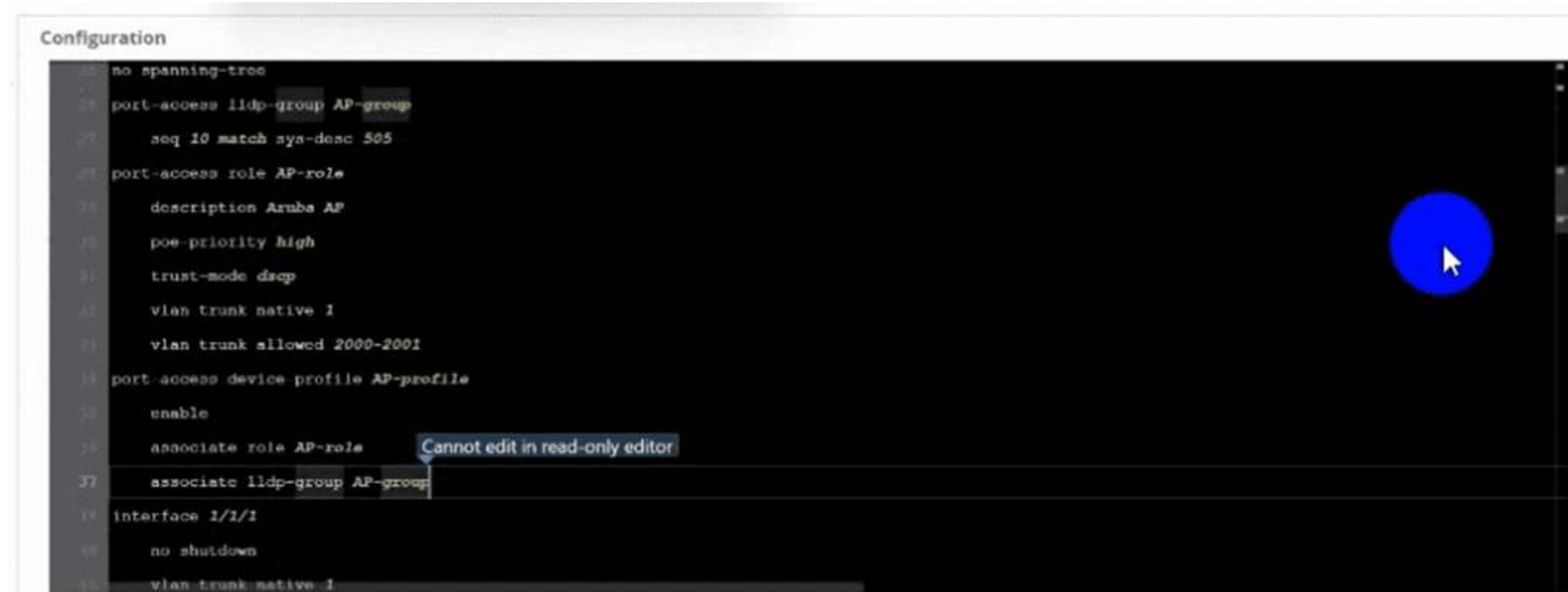
Which statement is true about the possible supported message types?

- A. Leave and Report
- B. Join, Leave, Query and Report
- C. Query and Report
- D. Join and Query

Answer: B

NEW QUESTION 92

You are about to make a change to the HPE Aruba Networking CX switch in HPE Aruba Networking Central and are encountering the condition displayed above.



What needs to be done to make a change to the switch with multi-edit?

- A. Select configuration status and enable edit config
- B. Enable edit config mode using the gear icon
- C. Override state
- D. Select the device in multi-edit and enable edit config mode

Answer: B

NEW QUESTION 93

Your customer is a large hotel that would like to use a single VLAN per floor and isolate each room's wired network port from the others. Which CX switch feature should you recommend for the simplest solution?

- A. VPN
- B. UBT
- C. PVLAN
- D. VXLAN

Answer: C

NEW QUESTION 94

You are deploying a pair of VSX switches parallel to some existing HPE Comware switches. You would like to configure a common first-hop redundancy protocol as part of your migration strategy. Which of these would be suitable?

- A. Active Forwarding
- B. HSRP
- C. VRRP
- D. Active Gateway

Answer: C

NEW QUESTION 96

Your customer's CX switches are managed in HPE Aruba Networking Central. They have recently connected some new AP-615 access points and want to be notified if the switches have any capacity issues. Which alerts should you enable? (Choose two.)

- A. Switch Uplink Port Usage
- B. Switch Link Status Change
- C. Switch Port Tx Rate
- D. Switch PoE Utilization
- E. Switch Port Rx Rate

Answer: AD

NEW QUESTION 101

You've rebooted s-aggr2 in a VSX configuration in an attempt to live-upgrade the cluster, and then you see this condition:

```
sw-aggr1(config)# show vsx status
VSX Operational State
-----
ISL channel           : In-Sync
ISL mgmt channel      : operational
Config Sync Status    : sw_image_version_mismatch_error
NAE                   : sw_image_version_mismatch_error
HTTPS Server          : sw_image_version_mismatch_error
```

Attribute	Local	Peer
ISL link	lag256	lag256
ISL version	2	2
System MAC	02:00:00:00:00:01	02:00:00:00:00:01
Platform	8325	8325
Software Version	GL.10.09.0010	GL.10.11.1021
Device Role	primary	secondary

What would be the correct way to live-upgrade the VSX cluster?

- A. Always reload the primary switch first with the new image.
- B. Use the issu update-software option.
- C. Use vsx update-software option.
- D. Set the VSX to compatibility mode first, before rebooting the secondary switch.

Answer: C

NEW QUESTION 106

What does it mean when an event like the one below is seen on the HPE Aruba Networking CX switch?

2024-04-04T08:35:38.312254+00:00 ICX-Core-1 hpe-vaxd[2167]:

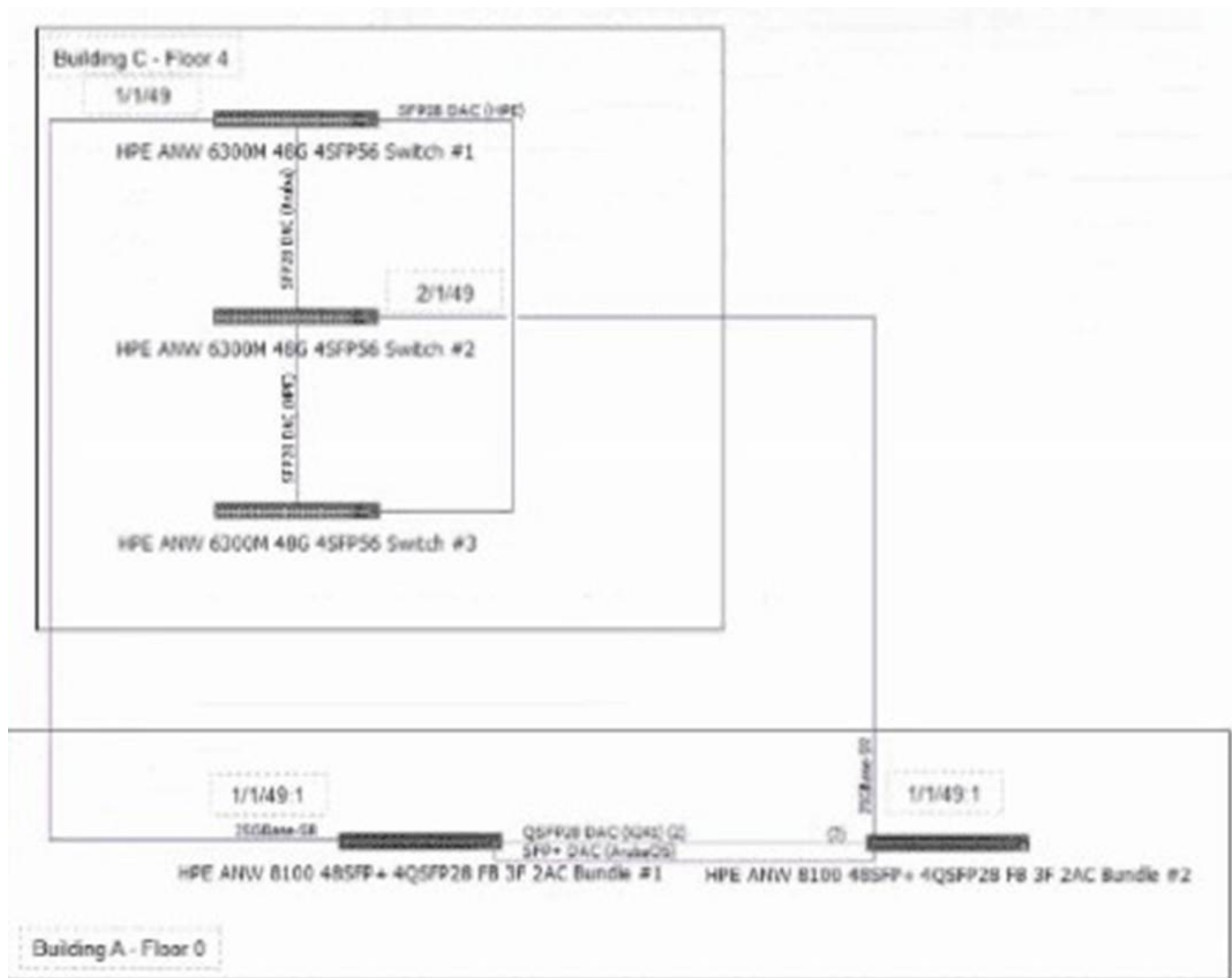
Event[701|LOG_INFO|AMM1/1|VSX2 state local up, remote down]

- A. VSX secondary switch is down.
- B. VSX keepalive has detected that the secondary member is down.
- C. The multichassis LAG 2 interface is down on both switches.
- D. The physical interface of LAG 2 on the secondary VSX member is down.

Answer: A

NEW QUESTION 111

Refer to the exhibit:



A senior network architect has created the configuration above. You are implementing the setup in Building A and C. The actual fiber distance between the building locations is 200m / 656ft utilizing OM4 cabling.

What needs to be changed in the configuration based on the actual environmental conditions to complete the installation and 7 other CX 6300 VSF stack connections in the future?

- A. Replace the 25GR optics with 10SR
- B. Replace the 25GR optics with 25LR
- C. Replace the 25GR optics with 10LR
- D. Replace the 25GR optics with 25SR

Answer: D

NEW QUESTION 112

Refer to the exhibits.

Refer to the exhibits.

```
interface 1/1/35
  no shutdown
  no routing
  vlan trunk native 4011
  vlan trunk allowed 3903,4011
  exit
```

```
show interface 1/1/35 extended
```

```
Interface 1/1/35
```

Statistics	Value
Dot3 In Pause Frames	0
Dot3 Out Pause Frames	0
Ethernet Stats Broadcast Packets	908576
Ethernet Stats Bytes	9837035918
Ethernet Stats Packets	24602481
Ethernet Stats Packets 1024 To 1518 Bytes	4414856
Ethernet Stats Packets 128 To 255 Bytes	2052268
Ethernet Stats Packets 1519 To 2047 Bytes	72
Ethernet Stats Packets 2048 To 4095 Bytes	0
Ethernet Stats Packets 256 To 511 Bytes	3062727
Ethernet Stats Packets 4096 To 9216 Bytes	6666
Ethernet Stats Packets 512 To 1023 Bytes	1567390
Ethernet Stats Packets 64 Bytes	964858
Ethernet Stats Packets 65 To 127 Bytes	12540304
Ethernet Stats Packets 9217 To 16383 Bytes	0
TX Bytes	3183318673
TX Dropped	0
TX Filtered	0
TX Jumbos	6666
TX Packets	13074082
TX Pause	0

The interface is configured on an HPE Aruba Networking CX 8320 for a VMware server NIC. The server admin complains that the VMware vMotion traffic on VLAN 3903 fails, but the server can ping other peers with a large payload size. What must be done to correct the issue based on the provided interface status and configuration?

- A. The VLAN 3903 is configured with mtu 9198
- B. The interface 1/1/35 is configured with mtu 9198
- C. The VLAN 3903 is configured with jumbo
- D. That interface 1/1/35 is configured with jumbo

Answer: B

NEW QUESTION 114

OSPF peering is configured between HPE Aruba Networking CX 6300 switches utilizing BFD. You've made this configuration on switch B, while switch A is in the default configuration:

```
bfd min-receive-interval 2000
bfd min-transmit-interval 2000
bfd min-echo-receive-interval 2000
bfd detect-multiplier 3
```

Which BFD Tx/Rx interval values will switch A use for the show bfd session?

- A. Switch A show BFD sessions using 500ms

- B. Switch A show BFD sessions using 6000ms
- C. Switch A show BFD sessions using 2000ms
- D. Switch A show BFD sessions using 300ms

Answer: D

NEW QUESTION 116

Your customer has an existing gateway cluster that they are using to tunnel traffic from APs and would like to configure the same for their CX switches. Which tunneling option should you recommend?

- A. UBT
- B. IPSec
- C. GRE
- D. VNBT

Answer: A

NEW QUESTION 117

Refer to the exhibit.

```
Core-2(config)# show running-config | begin vsx
vsx
    system-mac 06:02:10:00:02:00
    inter-switch-link lag 256
    role secondary
    vsx-sync stp-global vsx-global
!
!
https-server vrf mgmt
```

The NTP server is configured on the Primary VSX switch, however, the Secondary switch does not display the NTP configuration in the running configuration. How can the VSX configuration be changed to have the same config on both nodes?

- A. On the primary switch, add vsx-sync ntp under VSX configuration.
- B. On the secondary switch, add vsx-sync ntp under VSX configuration.
- C. On the secondary switch, add vsx-sync time under VSX configuration.
- D. On the primary switch, add vsx-sync time under VSX configuration.

Answer: D

NEW QUESTION 119

You recently enabled ARP protection on your CX switches, but many users now complain that they can no longer access the network. What do you need to configure to resolve the issue?

- A. Dynamic IP lockdown
- B. IGMP snooping
- C. DHCP snooping
- D. DHCP reservations

Answer: C

NEW QUESTION 123

You have attempted to configure DHCP snooping, but it is not working as expected. Based on the output below, what do you need to configure?

```
Access-1# show dhcpv4-snooping binding
```

MacAddress	IP	VLAN	Interface	Time-Left
-----	-----	---	-----	-----

```
Access-1#show dhcpv4-snooping
```

DHCPv4-Snooping Information

DHCPv4-Snooping	: No	Verify MAC Address	: Yes
Allow Overwrite Binding	: No	Enabled VLANs	: 100
Static Attributes	: No		
Client Event Logs	: No		

Authorized Server Configurations

VRF	Authorized Servers
-----	-----
default	10.32.100.1

Port Information

Port	Trust	Max Bindings	Static Bindings	Dynamic Bindings
-----	-----	-----	-----	-----
1/1/24	Yes	0	0	0

- A. Configure an authorized DHCP server
- B. Configure a DHCP trusted interface
- C. Enable dhcpv4-snooping on VLAN 100
- D. Enable dhcpv4-snooping globally

Answer: D

NEW QUESTION 126

You have configured 802.1X and MAC authentication in an office environment. During testing, you noticed that devices that don't support 802.1X take a few minutes to receive an IP address. What can you do to improve the connection time for these devices while maintaining a secure configuration?

- A. Disable 802.1X on ports connecting to devices that don't support it.
- B. Increase the 802.1X EAPOL timeout value on all ports.
- C. Configure auth-precedence to MAC, then 802.1X authentication.
- D. Decrease the MAC auth start value on all ports.

Answer: C

NEW QUESTION 131

After configuring IGMP snooping on a Layer 2 VLAN, multicast applications are no longer working. Which additional configuration step is required?

- A. Enable IGMP snooping on the Layer 3 interface for the VLAN.
- B. Enable IGMP on the Layer 3 interface for the VLAN.
- C. Enable PIM-SM on the Layer 3 interface for the VLAN.
- D. Enable PIM-DM on the Layer 3 interface for the VLAN.

Answer: B

NEW QUESTION 132

Refer to the exhibit from an HPE Aruba Networking CX6000:

```
show lacp interfaces
```

```
State abbreviations :
```

```
A - Active      P - Passive      F - Aggregable I - Individual
```

Two CX 6000 switches are configured with the same configuration for LAG 1. What needs to be done to remove the LACP block state?

- A. On one of the switches, change the LACP mode to passive
- B. Change the LACP mode from passive to active on one of the switches
- C. Change the LACP mode from passive to static on one of the switches
- D. On both of the switches, change the LACP timeout to short

Answer: B

NEW QUESTION 136

Two companies have merged, and BGP is used for routing. The customer has informed you that they currently have about 3600 routes in the routing table and would like to keep the total number of routes below 5000. A BGP routing table from the company to be merged is provided as an example below:

```
show bgp ipv4 unicast
Status codes: s suppressed, d damped, h history, * valid, > best, = multipath,
              i internal, e external S Stale, R Removed, a additional-paths
Origin codes: i - IGP, e - EGP, ? - incomplete

VRF : default
Local Router-ID 10.250.255.11

Network          Nexthop          Metric    LocPrf    Weight Path
*>e 0.0.0.0/0      10.250.17.25      90         100       200     65000 12582 12582 65320 65001 i
* e 0.0.0.0/0      10.250.17.29      100        100        0     65000 12582 12582 65320 65001 i
* e 10.10.10.0/24   10.250.17.29      100        100        0     65000 12582 12582 65343 i
*>e 10.10.20.0/24   10.250.17.25      90         100       200     65000 12582 12582 65343 i
* e 10.10.20.0/24   10.250.17.29      100        100        0     65000 12582 12582 65343 i
*>e 10.10.21.0/24   10.250.17.25      90         100       200     65000 12582 12582 65343 i
* e 10.10.21.0/24   10.250.17.29      100        100        0     65000 12582 12582 65343 i
*>e 10.10.22.0/24   10.250.17.25      90         100       200     65000 12582 12582 65343 i
* e 10.10.22.0/24   10.250.17.29      100        100        0     65000 12582 12582 65343 i
*>e 10.10.25.0/24   10.250.17.25      90         100       200     65000 12582 12582 i
* e 10.10.25.0/24   10.250.17.29      100        100        0     65000 12582 12582 i
*>e 10.10.26.0/24   10.250.17.25      90         100       200     65000 12582 12582 i
* e 10.10.40.0/24   10.250.17.29      100        100        0     65000 12582 12582 65343 i
*>e 10.10.41.0/24   10.250.17.25      90         100       200     65000 12582 12582 65343 i
* e 10.10.41.0/24   10.250.17.29      100        100        0     65000 12582 12582 65343 i
*>e 10.10.42.0/24   10.250.17.25      90         100       200     65000 12582 12582 65343 i
* e 10.10.42.0/24   10.250.17.29      100        100        0     65000 12582 12582 65343 i
*>e 10.10.44.0/24   10.250.17.25      90         100       200     65000 12582 12582 65343 i
* e 10.10.44.0/24   10.250.17.29      100        100        0     65000 12582 12582 65343 i
...
*>e 192.168.166.0/24 10.250.17.25      90         100       200     65000 12582 12582 i
* e 192.168.166.0/24 10.250.17.29      100        100        0     65000 12582 12582 i
*>e 192.168.168.0/24 10.250.17.25      90         100       200     65000 12582 12582 65320 65001 i
* e 192.168.168.0/24 10.250.17.29      100        100        0     65000 12582 12582 65320 65001 i
*>e 192.168.169.0/24 10.250.17.25      90         100       200     65000 12582 12582 ?
* e 192.168.169.0/24 10.250.17.29      100        100        0     65000 12582 12582 ?
Total number of entries 1222
```

Based on the provided example of the BGP routing table from the merging company, what should the customer consider to achieve the routing table size requirement?

- A. Set the route metrics equal for each prefix
- B. Advertise routes only using a primary path
- C. Enforce routing policies with aggregation
- D. Import only 0.0.0.0/0 route

Answer: C

NEW QUESTION 137

After configuring BFD for OSPF you are receiving monitoring alerts for high CPU utilization on your switches. Based on the configuration below, how should you resolve the issue?

```
Bash bfd
!
router ospf 1
bfd all-interfaces
```

- A. Enable ICMP active mode.
- B. Ensure BFD is enabled on all passive OSPF interfaces.
- C. Enable BFD echo mode.
- D. Disable ICMP redirects.

Answer: C

NEW QUESTION 142

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