



HP

Exam Questions HPE7-A08

HPE Network Switching Professional Exam

NEW QUESTION 1

DRAG DROP

Match each REST API method to the correct description.

DELETE

GET

PATCH

POST

PUT

Answer Area

Create a new object instance.

Modify a group of object properties.

Modify object instance properties.

Remove an object instance.

Retrieve object instance properties.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

DELETE

GET

PATCH

POST

PUT

Answer Area

POST

PUT

PATCH

DELETE

GET

Create a new object instance.

Modify a group of object properties.

Modify object instance properties.

Remove an object instance.

Retrieve object instance properties.

NEW QUESTION 2

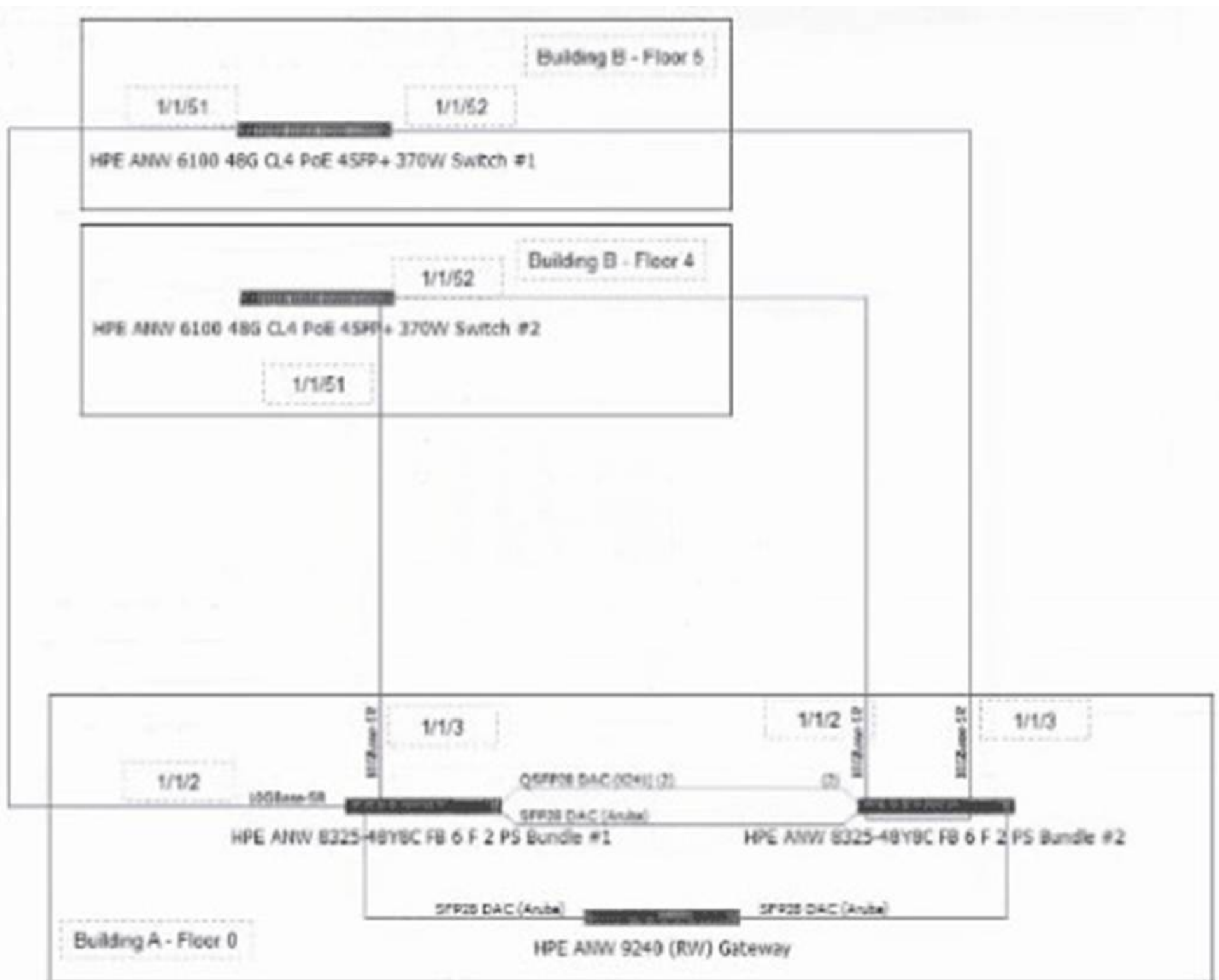
Which parameters can be configured in a Local User Role? (Choose two.)

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

Answer: AE

NEW QUESTION 3

Refer to the exhibit:



The customer would like to utilize Dynamic Segmentation for wired users in Building B. Which statement is true about the scenario?

- A. The CX 6100 switches need to have a GRE tunnel to the HPE Aruba Networking 9200.
- B. The CX 6100 switches need to have a static VXLAN tunnel to the HPE Aruba Networking CX 8325.
- C. The CX 6100 switches would need to be replaced with CX 6300 models.
- D. The CX 6100 switches need to have the CX Advanced license applied to support the requirement.

Answer: C

NEW QUESTION 4

You need to run a packet capture on a CX switch and be able to view the full output on a remote device in real-time. What is the best way to do this?

- A. Configure a mirror session using ERSPAN to a computer running Wireshark
- B. Inspect the summary of the packets in real time on the switch using tcpdump
- C. Configure a mirror session with another port on the switch as the destination
- D. Configure a mirror session to the CPU, use tshark to capture it to a PCAP file

Answer: A

NEW QUESTION 5

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 AS 65100?

- A. Use of peer AS 65001
- B. Use of route-reflector
- C. Use of directory connected peer
- D. Use of address-family ipv4 internal

Answer: C

NEW QUESTION 6

Your customer's CX switches are managed in HPE Aruba Networking Central. You plan to deploy new APs connecting to your existing CX switches. Which report can you run to determine if there are enough available ports and PoE capacity?

- A. Infra Inventory

- B. Switch Capacity Planning
- C. Network
- D. Resource Utilization

Answer: B

NEW QUESTION 7

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 8

From which sources can you download NAE agent scripts directly from the CX switch UI?

- A. HPE Networking Support Portal
- B. Aruba Solutions Exchange
- C. Airheads Community
- D. GitHub Community

Answer: B

NEW QUESTION 9

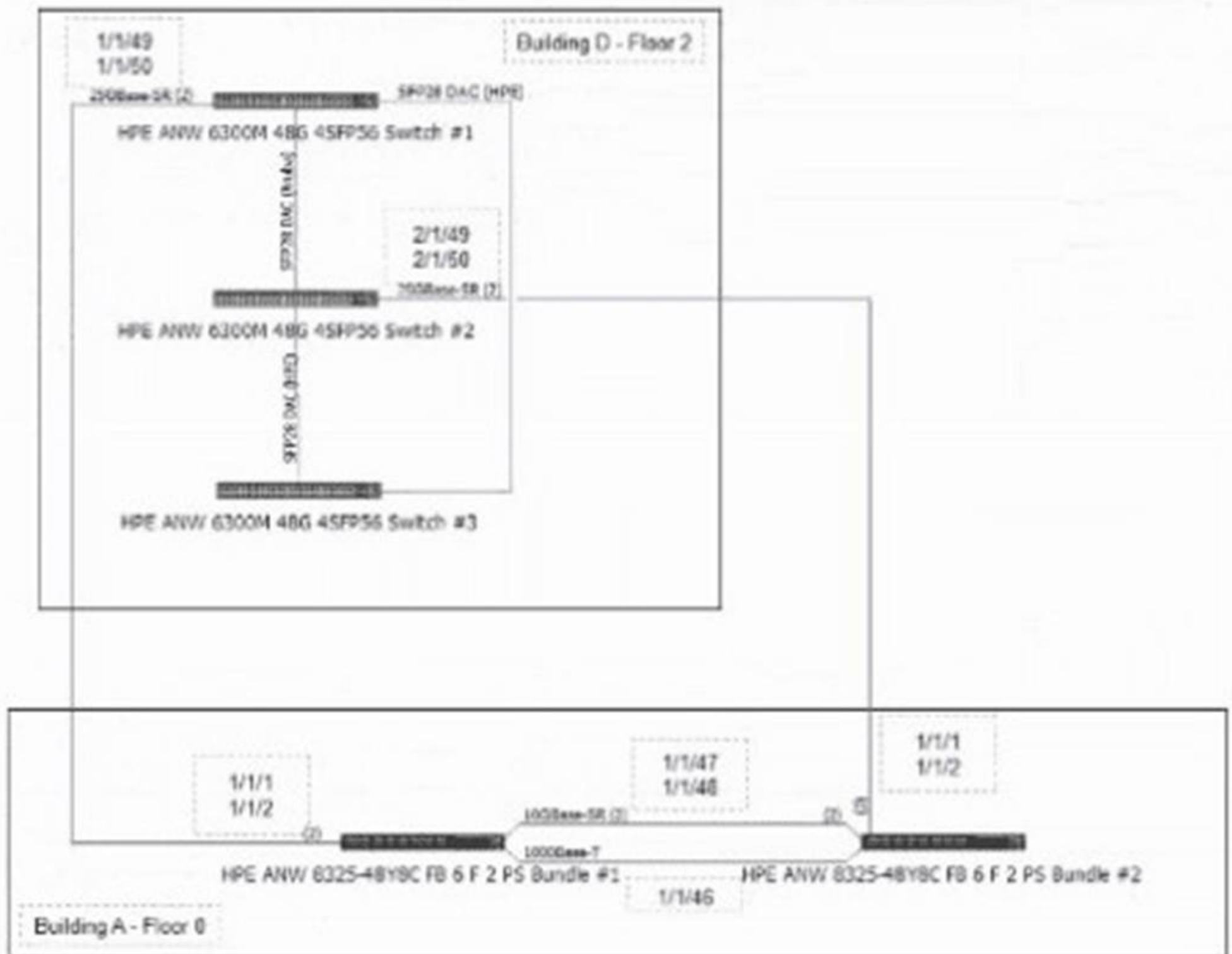
Your customer's CX switches are managed in HPE Aruba Networking Central. They have recently deployed new cabling to some desks and want to be notified of any physical cabling issues. Which alerts should you enable? (Choose two.)

- A. Switch Port Input Errors
- B. Switch Port Rx Rate
- C. Switch Hardware Failure
- D. Switch Uplink Port Usage
- E. Switch Port Duplex Mode

Answer: AE

NEW QUESTION 10

Refer to the exhibit:



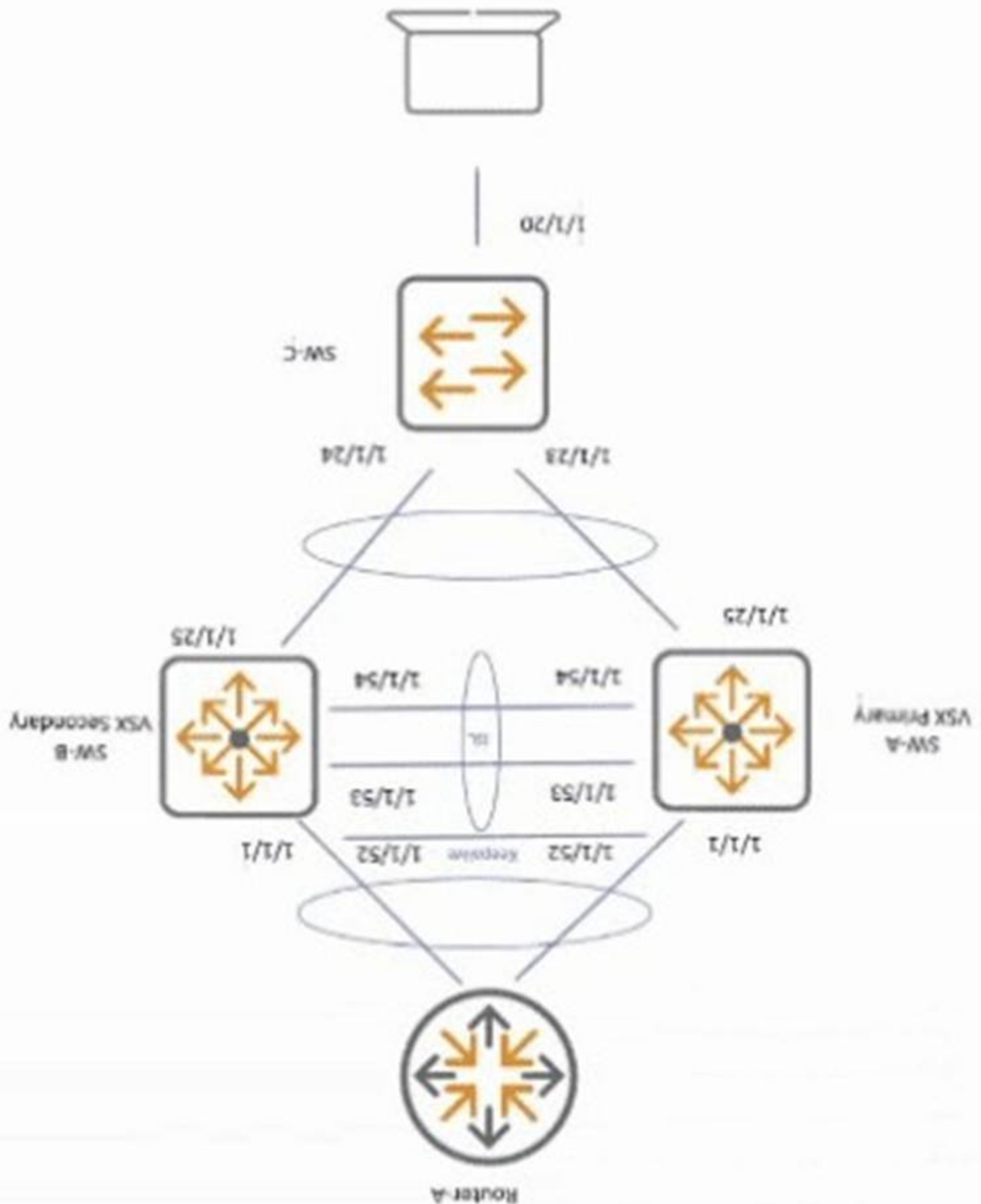
According to the HPE Aruba Networking VSX best practices, what would need to be changed in the configuration?

- 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 10

Refer to the exhibit:



Interfaces 1/1/53 and 1/1/54 were accidentally disconnected from Switch-A, the primary VSX member. Client A is experiencing network disruptions with network connections to Router-A.

What needs to be done to prevent user traffic disruption in this scenario?

- A. Configure keepalive VLAN on downstream lag.
- B. Configure VSX shutdown on-split on SW-B.
- C. Configure keepalive VLAN on upstream lag.
- D. Configure VSX shutdown on-split on SW-A.

Answer: D

NEW QUESTION 14

DRAG DROP

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

eBGP

BGP

OSPF

Static Routing

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

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.

NEW QUESTION 15

A recent routing change has caused an outage to one of your customer's branch sites. You are about to run the command below:
copy checkpoint 20240722 running-config
Which troubleshooting methodology does this exemplify?

- A. Replace configuration
- B. Top-down/Bottom-up
- C. Spot the difference
- D. Divide and conquer

Answer: A

NEW QUESTION 18

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

```
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 19

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 primary VSX switch has a DHCP relay configured; however, the secondary switch does not display the DHCP relay configuration in the running configuration. How can the VSX configuration be changed to have the same config on both nodes?

- A. On the secondary switch, add vsx-sync ip-helper under VSX configuration.
- B. On the primary switch, add vsx-sync ip-helper under VSX configuration.
- C. On the primary switch, add vsx-sync dhcp-relay under VSX configuration.
- D. On the secondary switch, add vsx-sync dhcp-relay under VSX configuration.

Answer: C

NEW QUESTION 24

You are troubleshooting a complex routing issue after a recent change. Your customer has just called and reported that the issue now impacts all users. What should you do next?

- A. Restore the last-known working configuration.
- B. Ask the customer to send logs from each user.
- C. Explain to the customer what the issue is.
- D. Collect a show tech and log a case with TAC.

Answer: A

NEW QUESTION 27

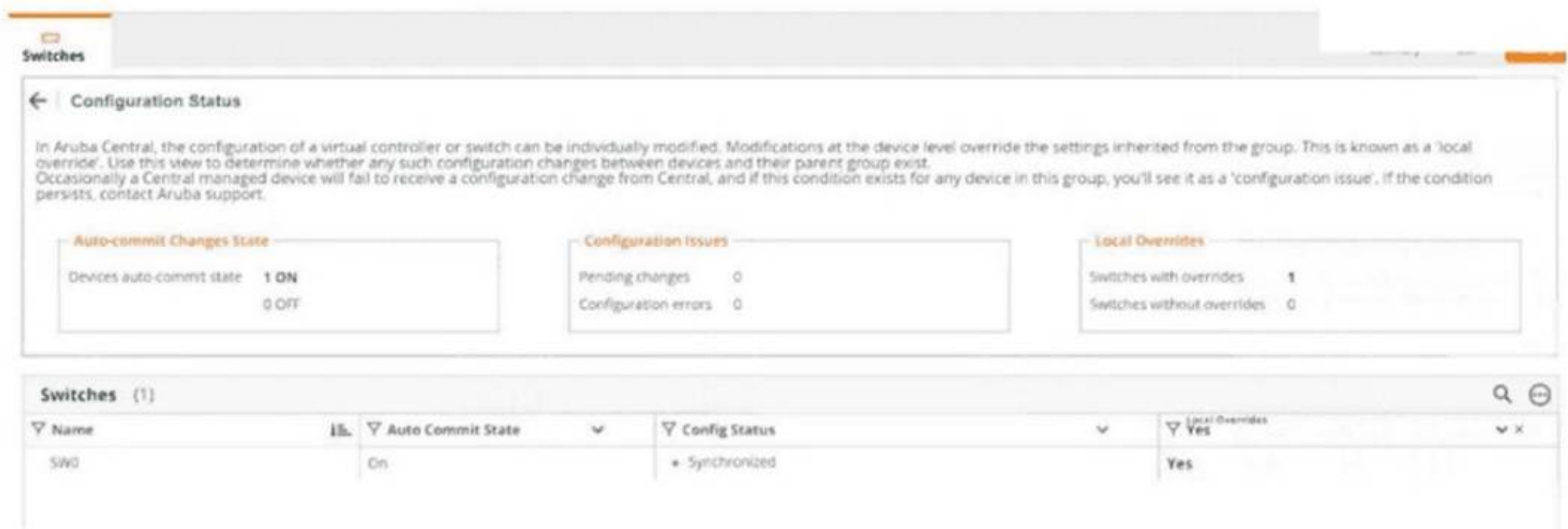
Which HPE Aruba Networking ClearPass configuration is required to implement DUR?

- 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 32

Refer to the exhibit:



The screenshot shows the 'Configuration Status' page for a group of switches. It includes three summary boxes: 'Auto-commit Changes State' showing 1 ON and 0 OFF; 'Configuration Issues' showing 0 Pending changes and 0 Configuration errors; and 'Local Overrides' showing 1 Switches with overrides and 0 Switches without overrides. Below these is a table for the switches.

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

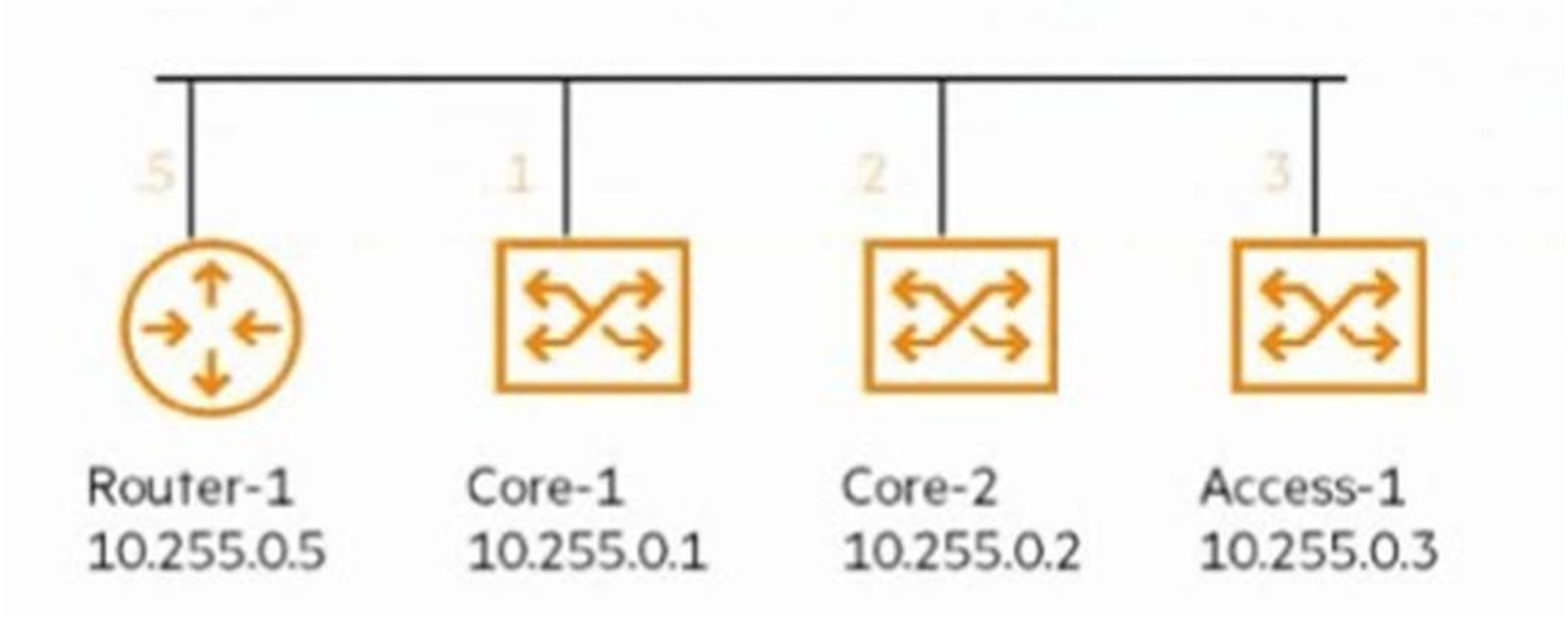
Based on the output, which statement is true?

- 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 37

You are configuring OSPF on each of the devices shown. After verifying the OSPF neighbor table on each, you notice that Router-1 and Access-1 have neighbors in the 2WAY state. What is the reason for this?



- A. Router-1 and Access-1 have reached a tie in the DR election.
- B. Router-1 and Access-1 have no OSPF networks to advertise.
- C. This is normal behavior for OSPF neighbors on a broadcast network.
- D. IGMP snooping has been configured on Router-1 and Access-1.

Answer: C

NEW QUESTION 39

You are configuring OSPF between two CX switches but cannot see any neighbors. Based on the output, how would you fix the problem?

```
router ospf 1
router-id 10.100.255.101
max-metric router-lsa on-startup
passive-interface default
area 0
default-information originate

interface vlan182
description TRANSIT
ip address 10.100.182.1/29
ip ospf 1 area 0
ip ospf cost 100
ip ospf network point-to-point

Agg-1# show ip ospf neighbors
OSPF Process ID 1 VRF default
=====

Total Number of Neighbors: 0

Neighbor ID      Priority  State                Nbr Address      Interface
-----
```

- A. Remove the max-metric router-lsa on-startup to allow faster formation of adjacency.
- B. Configure ip ospf network broadcast on the VLAN 182 interface.
- C. Configure no ip ospf cost 100 on the VLAN 182 interface.
- D. Configure no passive-interface vlan182 on the switch.

Answer: D

NEW QUESTION 42

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 46

An HPE Aruba Networking Central switch is managed in HPE Aruba Networking Central. If you need to validate configuration changes in the switch's Global view, what information can you get using the Audit trail?

- A. The configuration changes history is up to 7 years.
- B. The configuration difference that was pushed to the device.
- C. The method used to create the configuration (template, multi-edit, or GUI).
- D. The username of the person who pushed the configuration.

Answer: D

NEW QUESTION 47

A customer has set global qos trust dscp on an HPE Aruba Networking CX 6300 VSF configuration, which replaced the existing HPE Aruba Networking 5406R VSF. After the change, a video streaming service connected to ports 1/1/20 and 2/1/20, bound to LAG 20, no longer maps to the CoS priority queue mappings used in the old configuration.

What configuration change would enable priority trust on DSCP by default and on traffic that requires CoS?

- A. Bashint 1/1/20, 2/1/20 qos trust none!int lag 20 qos trust cos
- B. qos trust dscp, cos
- C. Bashint 1/1/20, 2/1/20 qos trust cos
- D. Bashint lag 20 qos trust cos

Answer: D

NEW QUESTION 51

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 53

How does an HPE Aruba Networking CX VSX solution make the hardware replacement of a single switch a non-disruptive operation for Layer 2 configurations?

- A. By the utilization of any of the four reserved ranges as system-MAC addresses.
- B. By the VSX-sync option for synchronization of the system-MAC.
- C. By entering the primary switch system-MAC on the secondary switch.
- D. By allowing the system MAC in the ServiceOS to be changed to the original system MAC.

Answer: D

NEW QUESTION 56

Which two configuration tasks must be performed when creating a device profile for an AP? (Select two.)

- A. Associate a role
- B. Associate a QoS policy
- C. Associate an LLDP group
- D. Associate a VLAN
- E. Associate an ACL

Answer: AC

NEW QUESTION 59

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 63

You have applied the following OSPF configuration but are seeing the output from the command below. What is the reason for this?

Agg-1 Config

```
vrf orange

router ospf 1 vrf orange
area 0

interface loopback 10
vrf attach orange
ip address 10.3.10.2/32
ip ospf 1 area 0

interface vlan101
ip address 10.3.101.2/24
ip ospf 1 area 0
```

Agg-2 Config

```
vrf orange

router ospf 2 vrf orange
area 0

interface vlan101
vrf attach orange
ip address 10.3.101.3/24
ip ospf 2 area 0
```

```
Agg-1# show ip ospf neighbors all-vrfs
No OSPF neighbors found on any VRF.
```

- A. A loopback interface hasn't been configured on Agg-2
- B. OSPF interfaces are passive by default
- C. A different OSPF process ID is used on each switch
- D. A Layer-3 interface has not been associated with a VRF

Answer: D

NEW QUESTION 66

TAC has made a configuration change on the CLI of a CX switch using aruba-central support-mode. Which statement about the switch configuration in HPE Aruba Networking Central is true?

- A. The user must make the same change in HPE Aruba Networking Central for synchronization to occur.
- B. HPE Aruba Networking Central will automatically overwrite the configuration change.
- C. The configuration change will be automatically synchronized to HPE Aruba Networking Central.
- D. Config auto-commit will be disabled and must be re-enabled manually.

Answer: C

NEW QUESTION 71

You are remotely connected to an HPE Aruba Networking CX 6200F switch using SSH to change the Control Plane ACL, allowing only defined subnets to access the switch. Which AOS-CX command allows you to roll back your change if the ACL change is wrongly formed and you can no longer log in to the switch?

- A. Use the checkpoint commit command after you commit the change.
- B. Use the checkpoint auto command before you commit the change.
- C. Use the checkpoint auto command after you commit the change.
- D. Use the checkpoint commit command before you commit the change.

Answer: B

NEW QUESTION 74

Your customer's CX switches are managed in HPE Aruba Networking Central. After enabling monitoring using NAE, you consider upgrading some of your 6200 switches with more powerful 6300 switches.
Which report can you run to determine which sites would benefit most from an upgrade?

- A. Infra Inventory
- B. Resource Utilization
- C. Network
- D. Switch Capacity Planning

Answer: D

NEW QUESTION 77

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 Stack Conductor Change
- C. Switch Disconnected
- D. Switch STP Root Change

Answer: C

NEW QUESTION 81

Refer to the exhibit for an HPE Aruba Networking CX 6300M VSF:

```
Access-1(config)# show vsf

Force Autojoin           : Disabled
Autojoin Eligibility Status: Not Eligible
MAC Address              : 10:4f:58:fc:14:40
Egress Shape Rate        : None
Secondary                :
Topology                  : Chain
Status                   : No Split
Split Detection Method    : None

Mbr Mac Address          type          Status
ID
-----
1  10:4f:58:fc:14:40     JL668A      Conductor
2  10:4f:58:f6:84:80     JL668A      Member
```

If Member ID 1 fails, what would be the state of Member ID 2?

- A. Conductor
- B. Standby
- C. Not present
- D. Member

Answer: D

NEW QUESTION 86

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 90

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 94

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 98

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 103

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 104

Your network monitoring system has issued a critical alert indicating that the ISL between two VSX core switches is down. What can you determine from the log output below?

```
Core-2# show logging -r -n 30 | include vsx
2024-04-04T08:35:36.312254+00:00 Core-2 hpe-vsxd[2167]: Event[7014]LOG_INFO[AMM]1/1|VSX 2 state local down, remote down
2024-04-04T08:35:36.306706+00:00 Core-2 hpe-vsxd[2167]: Event[7014]LOG_INFO[AMM]1/1|VSX 5 state local down, remote down
2024-04-04T08:35:36.257432+00:00 Core-2 hpe-vsxd[2167]: Event[7020]LOG_INFO[AMM]1/1|ISL out-of-sync and keepalive is in established
2024-04-04T08:35:36.254765+00:00 Core-2 hpe-vsxd[2167]: Event[7006]LOG_INFO[AMM]1/1|VSX Keepalive succeeded
2024-04-04T08:35:35.594193+00:00 Core-2 vsx-syncd[8800]: Event[7602]LOG_INFO[AMM]- |Configuration sync update : VSX Inter-Switch-Link is down.
2024-04-04T08:35:35.575153+00:00 Core-2 hpe-vsxd[2167]: Event[7011]LOG_INFO[AMM]1/1|VSX 5 state local up, remote down
2024-04-04T08:35:35.570479+00:00 Core-2 hpe-vsxd[2167]: Event[7011]LOG_INFO[AMM]1/1|VSX 2 state local up, remote down
2024-04-04T08:35:35.566540+00:00 Core-2 hpe-vsxd[2167]: Event[7014]LOG_INFO[AMM]1/1|VSX 1 state local down, remote down
2024-04-04T08:35:35.559596+00:00 Core-2 hpe-vsxd[2167]: Event[7004]LOG_ERR[AMM]1/1|VSX ISL port lag256 is Out-Of-Sync with the peer: link is down
2024-04-04T08:35:35.559336+00:00 Core-2 hpe-vsxd[2167]: Event[7015]LOG_INFO[AMM]1/1|VSX ISL sliding window parameters are reset.
```

- A. Core-2 has disabled its VSX LAG interfaces.
- B. Keepalive packets are being dropped.
- C. Both switches are forwarding traffic over VSX LAGs.
- D. Downstream switches are not able to forward traffic.

Answer: A

NEW QUESTION 108

Which statement is valid when enabling ARP protection features on HPE Aruba Networking CX switches?

- A. Once you enable DHCP snooping, you can enable ARP protection, and you will have full information to mitigate security risks.
- B. In an active network, you should generally wait at least a week after enabling DHCP snooping to enable ARP protection.
- C. Client lease time on the DHCP server should be at least 3600s before enabling ARP protection.
- D. DHCP server utilization is required for IP to MAC binding to enable ARP protection.

Answer: B

NEW QUESTION 109

A junior engineer has configured eBGP between two CX switches (Agg-1 and Agg-2) using the configuration below, and tells you that the neighbors are in the ??Active?? state.

Agg-1

```
router bgp 64512
  router-id 10.255.0.12
  neighbor 10.3.0.3 remote-as 64500
  neighbor 10.3.0.3 update-source loopback 0
  address-family ipv4 unicast
    neighbor 10.3.0.2 activate
```

Agg-2

```
router bgp 64500
  router-id 10.255.0.3
  neighbor 10.3.0.12 remote-as 64512
  neighbor 10.3.0.12 update-source loopback 0
  address-family ipv4 unicast
    neighbor 10.3.0.12 activate
```

What can you tell them?

- A. When configuring eBGP the AS numbers must match.
- B. The eBGP multi-hop feature must be configured.
- C. Peering using loopback addresses is not supported.
- D. The BGP peers are advertising and learning routes.

Answer: B

NEW QUESTION 112

You must enable HTTPS access to an HPE Aruba Networking CX 8100 for an SVI 100 created after default settings. How do you meet this requirement?

- A. Use the command `https-server vrf mgmt` to allow HTTPS access.
- B. The HTTPS server is accessible by default.
- C. The HTTPS server is accessible only from mgmt VRF.
- D. Use the command `https-server vrf default` to allow HTTPS access.

Answer: D

NEW QUESTION 114

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 116

Refer to the exhibit:

```
Core-1(config)# show spanning-tree mst-config
MST configuration information
  MST config ID       : CXF
  MST config revision  : 1
  MST config digest    : BE0284020F4046A8DA89C509B3B4F78A
  Number of instances  : 2
```

Instance ID	Member VLANs
0	1-10,13-4040
1	11
2	12

```
Core-2(config)# show spanning-tree mst-config
MST configuration information
  MST config ID       : 90:20:c2:c0:bc:00
  MST config revision  : 0
  MST config digest    : AC36177F50283CD488382108AB26DE62
  Number of instances  : 0
```

Instance ID	Member VLANs
0	1-4040

Both switches, Core-1 and Core-2, are configured with default spanning-tree priorities. Both switches appear as primary root bridges. What must be done to have only one spanning tree domain?

- A. Create MST instances 1 and 2 on Core-2.
- B. Create matching MST configuration on Core-2.
- C. Set the spanning tree priority to 1 on Core-1.
- D. Set the spanning tree priority to 1 on Core-2.

Answer: B

NEW QUESTION 118

What should you configure for an interface connected to a device you cannot trust to assign DSCP markings? (Select two.)

- A. Configure "qos trust cos"
- B. Apply a classifier-based policy to the interface to assign a Local Priority value
- C. Apply a dscp-map to the interface to assign a Local Priority value
- D. Configure Weighted Fair Queuing
- E. Configure "qos trust none"

Answer: BE

NEW QUESTION 122

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

```
sw-aggl(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 123

A multicast configuration on an HPE Aruba Networking CX 6300 VSF is used for a group address 239.0.0.1. The configuration is having issues, and the video streaming clients are not receiving the stream. What would be a possible root cause for the problems experienced?

- A. The IGMP-snooping is using version 2 configured for the SVI.
- B. The selected multicast address will overlay with Link-Local Multicast address scope.
- C. The selected multicast address will overlay with PIM-SM discovery address.
- D. The IGMP is enabled on the VLANs without any multicast traffic.

Answer: C

NEW QUESTION 124

Based on the output, which Local Priority (LP) value will be applied to an incoming packet from interface 2/1/39 marked with DSCP 46 and CoS 7?

```
Access-1# show run | in dscp
```

```
qos trust dscp
```

```
Access-1# show run int 2/1/39
```

```
interface 2/1/39
  description Phone
  no shutdown
  vlan access 100
  qos trust none
```

```
Access-1# show qos cos-map
```

code_point	local_priority	color	name
0	1	green	Best_Effort
1	0	green	Background
2	2	green	Excellent_Effort
3	3	green	Critical_Applications
4	4	green	Video
5	5	green	Voice
6	6	green	Internetwork_Control
7	7	green	Network_Control

```
Access-1# show qos dscp-map default
```

(some output has been removed for brevity)

DSCP	code_point	local_priority	cos	color	name
000000	0	1		green	CS0
001000	8	0		green	CS1
001010	10	0		green	AF11
001100	12	0		yellow	AF12
001110	14	0		red	AF13
010000	16	2		green	CS2
010010	18	2		green	AF21
010100	20	2		yellow	AF22
010110	22	2		red	AF23
011000	24	3		green	CS3
011010	26	3		green	AF31
011100	28	3		yellow	AF32
011110	30	3		red	AF33
100000	32	4		green	CS4
100010	34	4		green	AF41
100100	36	4		yellow	AF42
100110	38	4		red	AF43
101000	40	5		green	CS5
101110	46	5		green	EF
110000	48	6		green	CS6
111000	56	7		green	CS7

- A. Local Priority 1
- B. Local Priority 5
- C. Local Priority 7
- D. Local Priority 0

Answer: A

NEW QUESTION 125

DRAG DROP

Company A has an existing HPE Aruba Networking CX 8325 VSX. It has acquired Company B and must merge its networks onto the same VSX switch configuration as Company A. Both Company A and Company B share the same 10.100.100.1/21 subnet.

What is the correct order for creating a configuration allowing overlapping networks in the setup?

OPTIONS

interface vlan 200

ip address 10.100.100.1/24

vrf attach company-b

vrf company-b

>

<

ORDER

>

<

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

OPTIONS

interface vlan 200

ip address 10.100.100.1/24

vrf attach company-b

vrf company-b

>

<

ORDER

vrf company-b

interface vlan 200

vrf attach company-b

ip address 10.100.100.1/24

>

<

NEW QUESTION 128

You are attempting to configure an interface, but you are seeing the error message below. What could explain this?

Access-1(config)# interface 1/1/1 Invalid input: interface

- A. The switch is in password recovery mode
- B. The command must be run from the manager context
- C. The switch is being managed by HPE Aruba Networking Central
- D. Authorization is enabled for CLI commands

Answer: C

NEW QUESTION 133

Refer to the exhibit:

```
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              988562
Ethernet Stats Bytes                         9836634581
Ethernet Stats Packets                       24601734
Ethernet Stats Packets 1024 To 1518 Bytes     4414741
Ethernet Stats Packets 128 To 255 Bytes       2052200
Ethernet Stats Packets 1519 To 2047 Bytes     18
Ethernet Stats Packets 2048 To 4095 Bytes     0
Ethernet Stats Packets 256 To 511 Bytes       3062627
Ethernet Stats Packets 4096 To 9216 Bytes     0
Ethernet Stats Packets 512 To 1023 Bytes      1567353
Ethernet Stats Packets 64 Bytes               964827
Ethernet Stats Packets 65 To 127 Bytes        12539968
Ethernet Stats Packets 9217 To 16383 Bytes    0
Ethernet Stats TX Packets 1024 To 1518 Bytes  564845
Ethernet Stats TX Packets 128 To 255 Bytes    1226412
Ethernet Stats TX Packets 1519 To 2047 Bytes  0
Ethernet Stats TX Packets 2048 To 4095 Bytes  0
Ethernet Stats TX Packets 256 To 511 Bytes    1909164
Ethernet Stats TX Packets 4096 To 9216 Bytes  0
Ethernet Stats TX Packets 512 To 1023 Bytes  1292825
Ethernet Stats TX Packets 64 Bytes            928426
Ethernet Stats TX Packets 65 To 127 Bytes     7072046
Ethernet Stats TX Packets 9217 To 16383 Bytes 0
TX Bytes                                     3183165738
TX Dropped                                  0
TX Filtered                                3333
TX Jumbos                                  0
TX Packets                                 13073718
TX Pause                                    0
```

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

- A. Configure jumbo on VLAN 3903
- B. Configure jumbo on interface 1/1/36
- C. Configure MTU 9198 on interface 1/1/36
- D. Configure MTU 9198 on VLAN 3903

Answer: A

NEW QUESTION 138

When combining Strict Priority (SP) with other queuing types, how can you avoid starvation of lower priority queues?

- A. Apply multiple queuing profiles to the same interface.
- B. Configure WFQ DWRR instead of queuing.
- C. Apply shaping to queue 7.
- D. Configure a higher weight for lower priority queues.

Answer: C

NEW QUESTION 142

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 147

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 151

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 155

While troubleshooting a scenario in which the customer has added two new line cards on an HPE Aruba Networking CX 6400 switch, the LEDs on the line card do not show light on the first card.

Which troubleshooting methodology should you use to isolate the problem?

- A. Spot the difference by comparing the switch configurations.
- B. Divide and conquer by swapping the line cards in their slot.
- C. Follow the path and check the connectivity from the access switch to the CX 6400.
- D. Replace the configuration using the previous checkpoint on the switch.

Answer: B

NEW QUESTION 160

A database administrator has reported intermittent connectivity issues with a SQL server hosted in the data center and has provided you with the source and

destination IP addresses. Which troubleshooting methodology would be the most suitable to start with?

- A. Follow the path
- B. Divide and conquer
- C. Spot the difference
- D. Top-down/Bottom-up

Answer: A

NEW QUESTION 161

A database administrator has reported intermittent connectivity issues with a SQL server hosted in the data center and has provided you with the source and destination IP addresses. Which troubleshooting methodology would be the most suitable to start with?

- A. Spot the difference
- B. Follow the path
- C. Divide and conquer
- D. Top-down/Bottom-up

Answer: B

NEW QUESTION 162

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 167

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

- A. 802.1Q
- B. 802.1X
- C. 802.11X
- D. 802.1AD

Answer: B

NEW QUESTION 169

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 172

You have configured BFD for OSPF on a CX switch and have noticed the BFD session stays down but the OSPF neighbor state is up. What could explain this behavior?

- A. The remote switch does not support BFD.
- B. BFD is not supported on OSPF broadcast links, so OSPF ignores the config.
- C. BFD has not been enabled at the global configuration level.
- D. The local switch uses OSPFv3, but the remote switch uses OSPFv2.

Answer: A

NEW QUESTION 176

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 177

You are troubleshooting a performance issue with a VSX LAG and have run the following troubleshooting commands:

```
show run int 1/1/11
show run int 1/1/11 vsx-peer
```

Which troubleshooting methodology does this exemplify?

- A. Follow the path
- B. Top-down/Bottom-up
- C. Replace configuration
- D. Spot the difference

Answer: D

NEW QUESTION 180

Your company needs to run BGP in a multi-homed configuration to two ISPs, advertising a block of public address space you own. Which AS number would be an example of a suitable number?

- A. 64813
- B. 63472
- C. 65535
- D. 65218

Answer: B

NEW QUESTION 183

When configuring a multicast solution on HPE Aruba Networking CX switches, what needs to be configured on the core switch to enable L3 multicast routing locally?

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

Answer: A

NEW QUESTION 185

.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

HPE7-A08 Practice Exam Features:

- * HPE7-A08 Questions and Answers Updated Frequently
- * HPE7-A08 Practice Questions Verified by Expert Senior Certified Staff
- * HPE7-A08 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- * HPE7-A08 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The HPE7-A08 Practice Test Here](#)