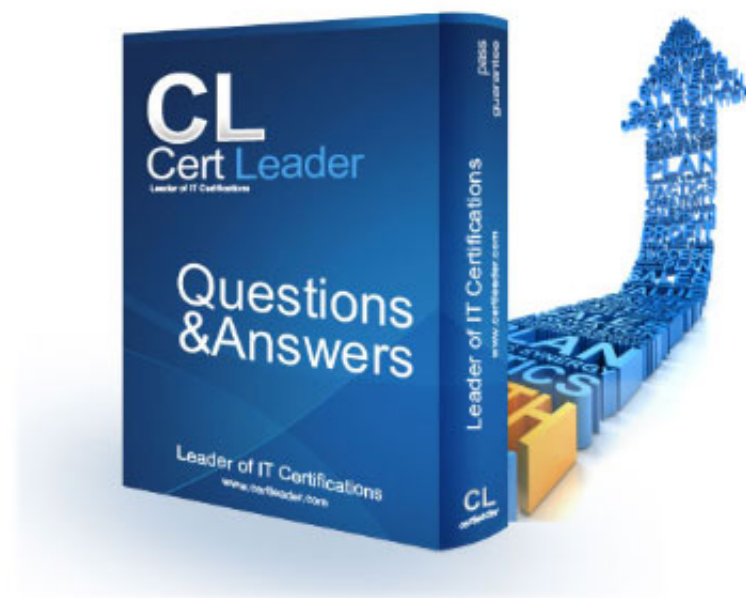


HPE7-A08 Dumps

HPE Network Switching Professional Exam

<https://www.certleader.com/HPE7-A08-dumps.html>



NEW QUESTION 1

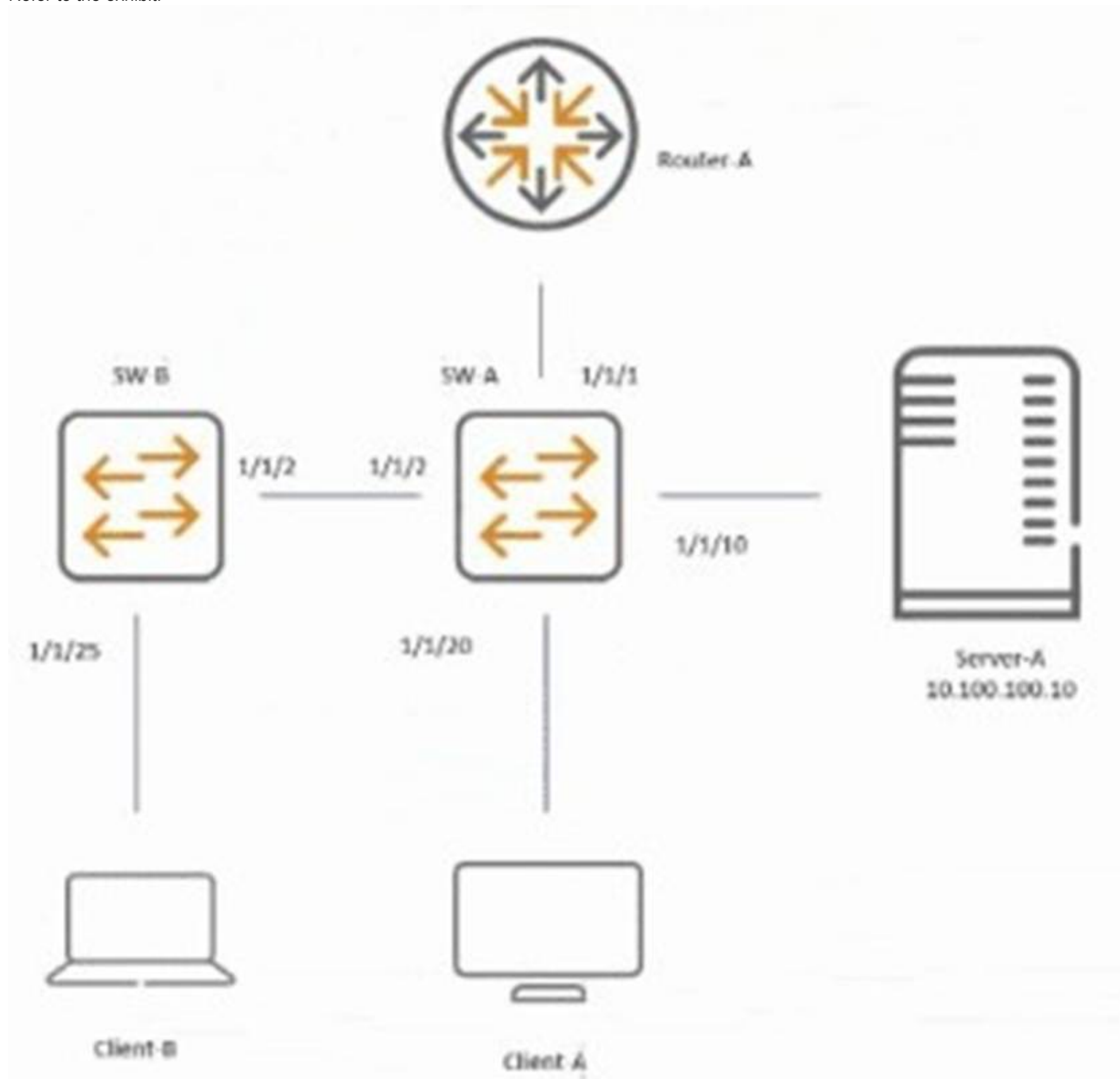
In an attempt to clear the switch configuration, you've issued the command `erase all zeroize`. What is the result of this task?

- A. The switch clears all user credentials and retains the running configuration.
- B. The switch restores the factory-installed AOS-CX image to the switch.
- C. The switch runs a secure erase task, deleting the startup-config, and retains admin credential password.
- D. The switch runs a secure erase task, deleting all customer data, and may run up to an hour.

Answer: D

NEW QUESTION 2

Refer to the exhibit:



SW-A is the Layer 3 gateway for:

- ? Server-A in VLAN 100, subnet 10.100.100.0/24
- ? Client-A in VLAN 20, subnet 10.100.20.0/24
- ? Client-B in VLAN 30, subnet 10.100.30.0/24

What must be done to prevent rogue DHCP servers in VLAN 30 on SW-B?

- A. Enable `dhcpv4-snooping trust 10.100.100.10` on VLAN 30
- B. Enable `dhcpv4-snooping authorized-server 10.100.100.10` on VLAN 30
- C. Enable snooping globally and on VLAN 30
- D. Enable `dhcpv4-snooping` globally and on interface VLAN 30

Answer: B

NEW QUESTION 3

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
CPC20240401184222.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 4

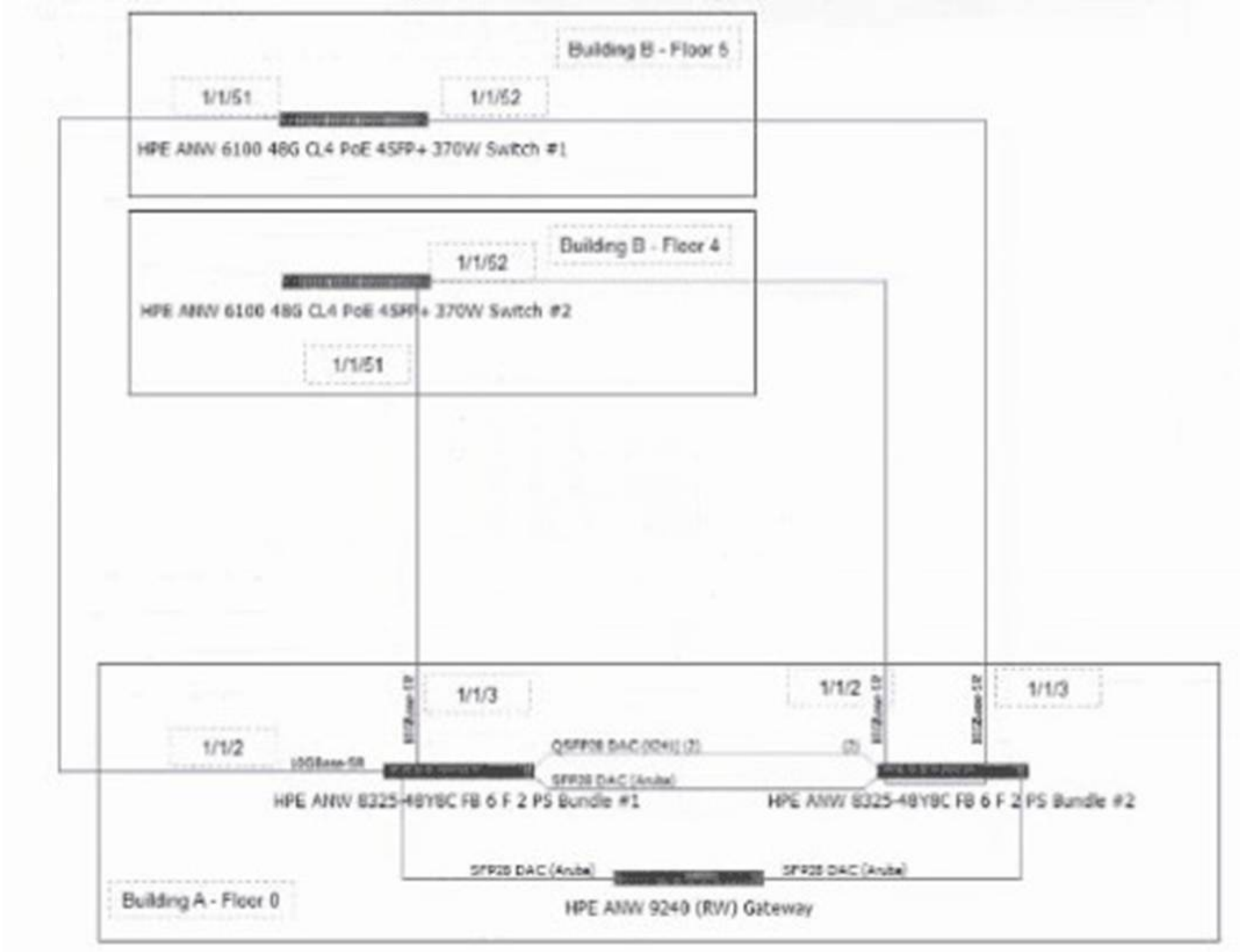
Which parameters can be configured in a Local User Role? (Choose two.)

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

Answer: AE

NEW QUESTION 5

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 6

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 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

How would the route type affect the configuration if an OSPF configuration has several external routers?

- A. If you have a primary exit with a secondary backup, you must choose E1, the primary with a lower default metric than the secondary.
- B. If you want to consider internal and external costs equally, use E2 routes.
- C. If you want to leverage all paths to destinations, use E2 with the same default metric.
- D. If you want to use the closest exit point, use E2 with appropriate seed metric.

Answer: D

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:

```
show lldp neighbor-info 1/1/49
```

```
Port : 1/1/49
Neighbor Entries : 1
Neighbor Entries Deleted : 0
Neighbor Entries Dropped : 0
Neighbor Entries Aged-Out : 0
Neighbor System-Name : aggr-sw2
Neighbor System-Description : Aruba J1635A GL.10.13.1010
Neighbor Chassis-ID : bc:d7:a5:6d:48:00
Neighbor Management-Address : 172.30.32.8
Chassis Capabilities Available : Bridge, Router
Chassis Capabilities Enabled : Bridge, Router
Neighbor Port-ID : 1/1/49
Neighbor Port-Desc : 1/1/49
Neighbor Port VLAN ID : 1
Neighbor Port VLAN Name : DEFAULT_VLAN_1
Neighbor Port MFS : 9198
Link aggregation supported : Yes
Link aggregation enabled : Yes
Aggregation port ID : 49
```

The neighbor switch is configured with the following IP interfaces:

? mgmt: 172.30.32.8

? loopback 0: 10.255.255.2

? vlan 5: 192.168.5.2

How can you change the advertised management IP information to appear as the VLAN 5 IP?

- A. Under interface vlan 5, issue command: lldp management-address
- B. Issue in global context command: lldp management-address vlan 5
- C. Under lldp context: lldp management-address 192.168.5.2
- D. Issue in global context command: lldp management-ipv4-address vlan 5

Answer: D

NEW QUESTION 10

You are planning a 1 Gbps link between two CX switches. Which type of SFP port will be required?

- A. SFP28
- B. SFP+
- C. SFP
- D. QSFP+

Answer: C

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 17

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

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 22

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 23

A customer has connected a server to VLAN 100 on a 6300 switch which is streaming video using multicast group 224.0.0.100. This stream would need to be received by the clients in VLANs 200 and 300, routed on the same CX switch.
What needs to be done to enable the requirement?

- A. The multicast group address needs to be changed to a routable subnet.
- B. The multicast group address needs to be changed to other 224.0.0.x non-overlapping address.
- C. The igmp-snooping needs to be enabled on SVIs 100, 200, and 300.
- D. The igmp needs to be enabled on the SVIs 100, 200, and 300.

Answer: A

NEW QUESTION 28

Refer to the exhibit:



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 31

You've rebooted sw-agg2 in a VSX configuration, after which you see this condition (refer to the exhibit):

```
sw-agg1(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 can you identify based on this output?

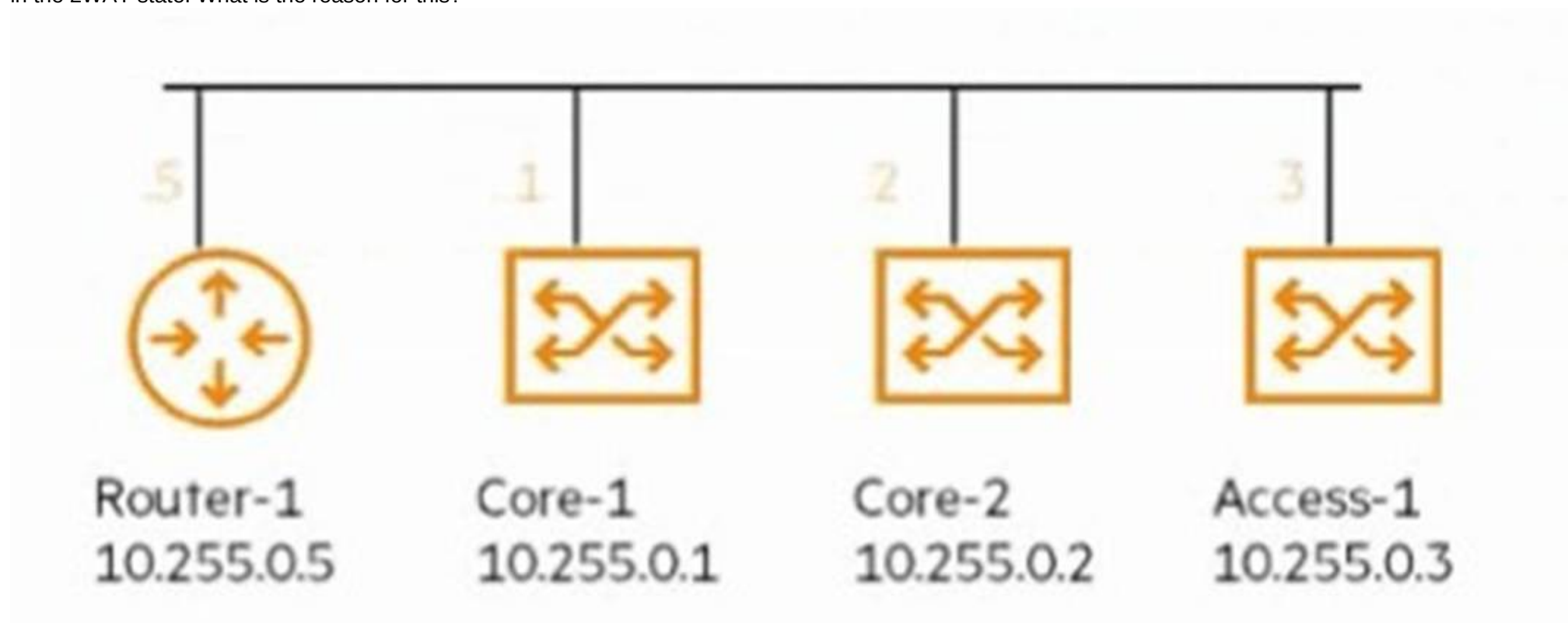
- A. The VSX cluster still syncs configuration changes that are common to both software versions.
- B. The VSX cluster is in incompatible mode due to software differences.

- C. The VSX cluster can be live upgraded by rebooting sw-agg1.
- D. The VSX cluster forwards all traffic through ISL to the primary switch.

Answer: B

NEW QUESTION 35

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?

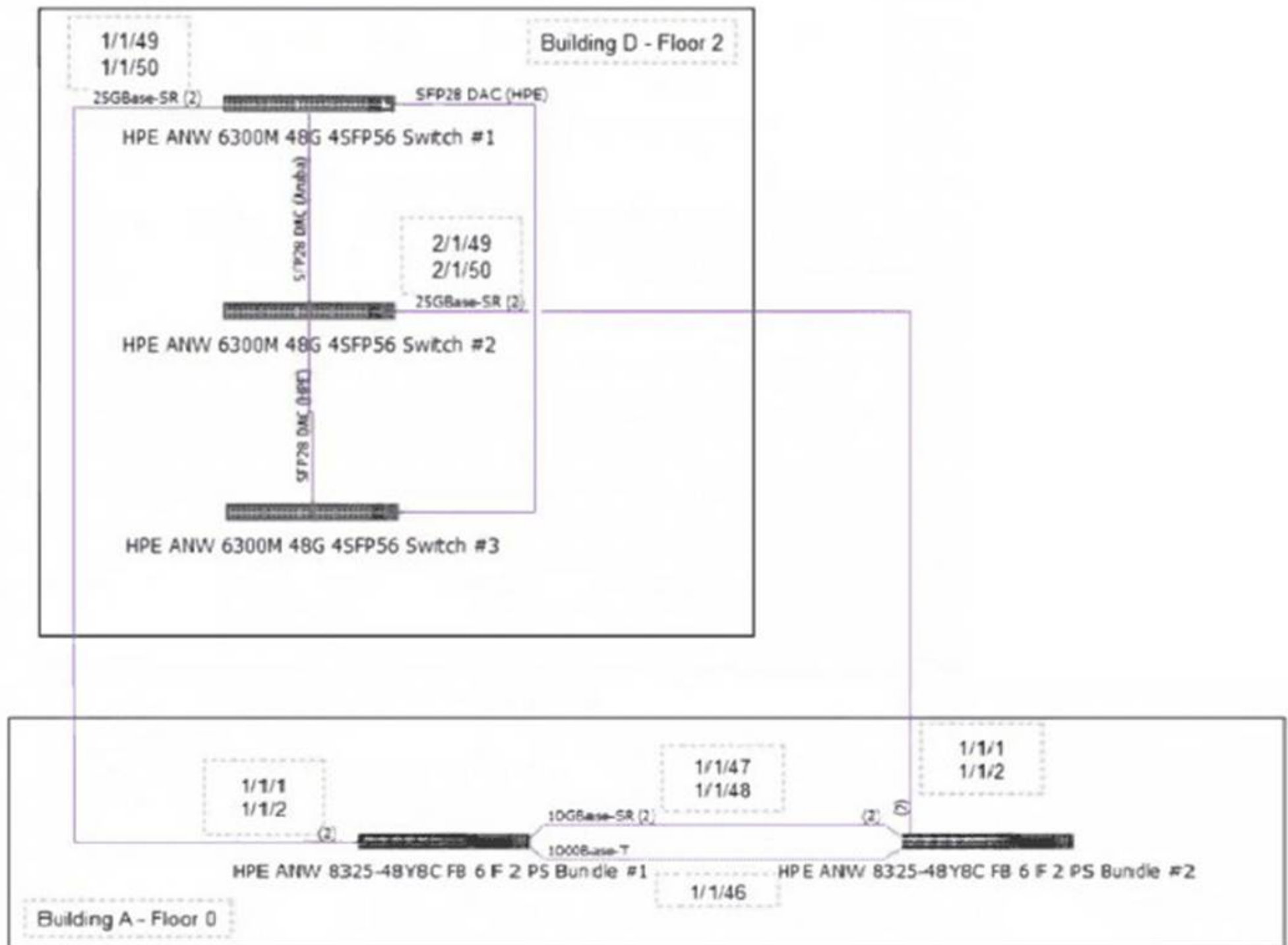


- A. Router-1 and Access-1 have reached a tie in the DR election.
- B. Router-1 and Access-1 have no OSPF networks to advertise.
- C. This is normal behavior for OSPF neighbors on a broadcast network.
- D. IGMP snooping has been configured on Router-1 and Access-1.

Answer: C

NEW QUESTION 36

Refer to the exhibit:



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

- A. Replace the CX 8325 1/1/47 and 1/1/48 ports with SFP28 connectivity.
- B. Replace the CX 8325 1/1/47 and 1/1/48 ports with SFP56 connectivity.
- C. Replace the CX 6300 [1-2]/1/49 and [1-2]/1/50 ports with QSFP28 connectivity.
- D. Replace the CX 6300 [1-2]/1/49 and [1-2]/1/50 ports with SFP56 connectivity.

Answer: A

NEW QUESTION 41

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 45

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 48

A Linux SFTP server is configured for IP address 192.168.1.100, and the CX 6325 switch has a management IP address 192.168.1.200. How can you back up the saved switch configuration to a remote location?

- A. Use the command copy startup-config scp://user@192.168.1.100/switch_config.cfg vrf default on the switch.

- B. Use the command `scp admin@192.168.1.200:/running-config` on the SFTP server.
- C. Use the command `copy startup-config sftp://user@192.168.1.100/switch_config.cfg vrf mgmt` on the switch.
- D. Use the command `scp admin@192.168.1.200:/startup-config` on the SFTP server.

Answer: C

NEW QUESTION 53

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 56

Which statement about redistributing BGP routes to OSPF is true?

- A. Only the default route should be redistributed to OSPF.
- B. Always redistribute BGP routes to OSPF as E1 routes.
- C. Always redistribute BGP routes to OSPF as E2 routes.
- D. Only defined routes should be redistributed to OSPF.

Answer: D

NEW QUESTION 60

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 64

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 65

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 67

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

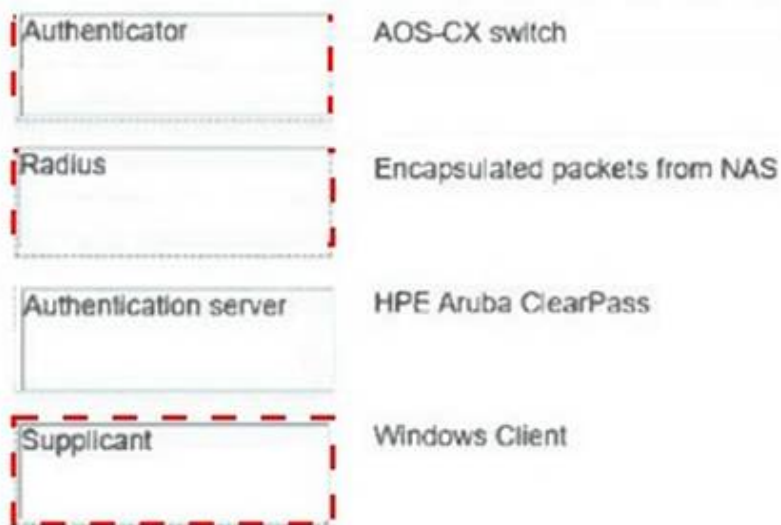
Explanation:

DRAG DROP -

Match the terminology related to 802.1x authentication.



Answer Area



NEW QUESTION 69

You are implementing a design where the campus network should be in an isolated spanning tree topology from the data center network. The core switches are connected by a single layer-2 interface carrying multiple VLANs. When you examine the switches you discover that the campus core sees the data center core as the root bridge.

Which configuration can you apply to the campus to data center core link to resolve the issue?

- A. Root guard
- B. BPDU filter
- C. BPDU guard
- D. Admin edge

Answer: B

NEW QUESTION 73

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 76

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

- A. Active gateway
- B. Downloadable User Roles
- C. Virtual active forwarding
- D. Downloadable fingerprints

Answer: B

NEW QUESTION 81

You are implementing HPE Aruba Networking CX switches in a hotel environment. Which feature would allow you to use a single subnet for the wired guests, allowing them to utilize only default gateway services and communicate with each other in a conference room but not elsewhere?

- A. By assigning the guest users in the conference room to an isolated VLAN and the gateway to a primary VLAN.
- B. By assigning the guest users in the conference room to a community VLAN and the gateway to a primary VLAN.
- C. By assigning the guest users in the conference room to a primary VLAN and the gateway to an isolated VLAN.
- D. By assigning the guest users in the conference room to an isolated VLAN and the gateway to a community VLAN.

Answer: B

NEW QUESTION 85

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 88

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 90

You are helping another engineer troubleshoot a new downloadable user role configuration between your CX switches and ClearPass. Which configuration on the switch should you verify?

- A. SNMP community string
- B. User-role configuration
- C. HTTPS client certificate
- D. Trust Anchor profile

Answer: D

NEW QUESTION 91

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 falseDHCP servers.

Answer: C

NEW QUESTION 96

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 99

Refer to the exhibit:

```
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
IO
-----
1  10:4f:58:fc:14:40      JL668A      Conductor
2  10:4f:58:f6:84:80      JL668A      Member
```

What is required on the VSF configuration for the stack configuration to work if either member fails?

- A. vsf split-detect mgmt
- B. vsf start-auto-stacking
- C. vsf secondary-member 2
- D. vsf conductor-member 2

Answer: C

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 106

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
2024-04-04T08:35:35.569596+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
2024-04-04T08:35:35.569336+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 109

You would like to receive a monthly report tracking your available HPE Aruba Networking Central licenses and their expiration dates. Which report should you schedule?

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

Answer: D

NEW QUESTION 112

What are valid NAE agent actions? (Select two)

- A. Run a CLI command
- B. Generate an SNMP trap
- C. Generate a local system log
- D. Start/stop a packet capture
- E. Create a new TAC case

Answer: AC

NEW QUESTION 113

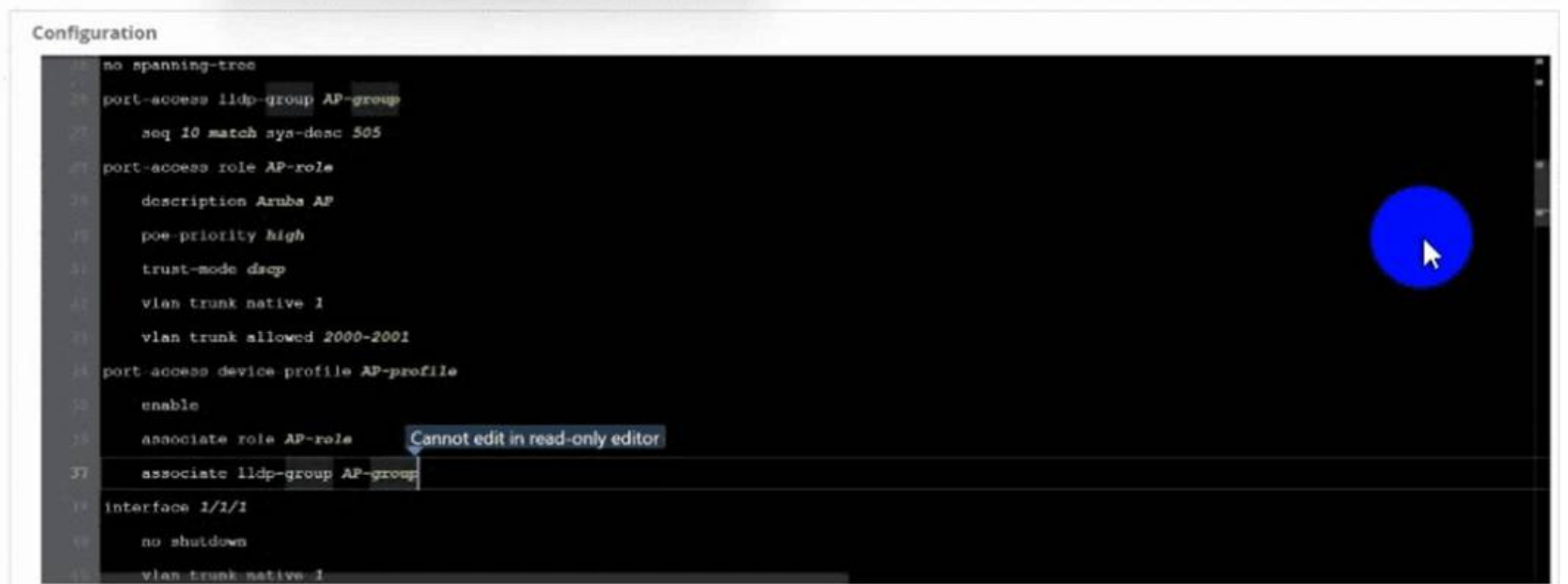
You must enable HTTPS access to an HPE Aruba Networking CX 8100 for an SVI 100 created after default settings. How do you meet this requirement?

- 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 115

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 118

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 120

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 have configured UBT on your CX switches, but now HTTPS-enabled websites will not load, which you suspect is due to the packet size. To resolve the issue, what should you configure on each device with funneled traffic?

- A. Path MTU discovery
- B. Fragment reassembly
- C. Jumbo frames
- D. IP fragmentation

Answer: D

NEW QUESTION 127

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 132

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 137

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. Only switches with factory default config can be added to a group with existing config.
- B. HPE Aruba networking Central has not been enabled on the local switch configuration.
- C. The switch is configured in a VSX pair, which HPE Aruba Networking Central does not support.
- D. The switch is still pending authorization on the organization settings page.

Answer: A

NEW QUESTION 138

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 140

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 143

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 147

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 150

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 152

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 157

You recently made a configuration change on a switch, and shortly afterward, you noticed a spike in CPU utilization in the NAE dashboard. You are concerned that the high CPU could be affecting users. What should you do to restore service as quickly as possible?

- A. Reboot the switch.
- B. Revert the change.
- C. Disable debug logging.
- D. Pause NAE monitoring.

Answer: B

NEW QUESTION 162

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 163

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 167

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

- A. For operation using a single partner LACP interface.
- B. For backward compatibility with LACP v1.
- C. To support provisioning a gateway without LACP.
- D. To allow operation with active or passive LACP.

Answer: C

NEW QUESTION 171

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


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

What VSF configuration is required for the stack configuration to work and avoid split- brain?

- A. vsf start-auto-stacking
- B. vsf secondary-member 2
- C. vsf conductor-member 2
- D. vsf split-detect mgrep

Answer: D

NEW QUESTION 176

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 179

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 184

What does it mean when an event such as the one below occurs on the HPE Aruba Networking CX switch?

2024-04-04T08:35:36.312254+00:00 ICX-Core-1 hpe-vsxd[2167]:

Event|7012|LOG_INFO|AMM|1/1|VSX 2 state local down, remote up

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

Answer: C

NEW QUESTION 185

.....

Thank You for Trying Our Product

* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

* One year free update

You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

We currently serve more than 30,000,000 customers.

* Shop Securely

All transactions are protected by VeriSign!

100% Pass Your HPE7-A08 Exam with Our Prep Materials Via below:

<https://www.certleader.com/HPE7-A08-dumps.html>