

**HP**

**Exam Questions HPE6-A72**

Aruba Certified Switching Associate Exam



**NEW QUESTION 1**

Refer to the exhibit.

```
Access-1# debug l2mac event
Access-1# debug destination buffer
Access-1# page
```

```
show debug buffer
-----
-----
2020-05-06:22:32:52. 601427|l2mac-mgrd|LOG_DEBUG|AMM|-|L2MAC|L2MAC_EVENT|macmgr_m
ac_manager_handle_mac_event(1311), MAC=00:50:79:66:68:01, VLAN=1, Port=1/1/1 is
trying to be inserted
2020-05-06:22:32:52. 602027|l2mac-mgrd|LOG_DEBUG|AMM|-|L2MAC|L2MAC_EVENT|macmgr_m
ac_manager_handle_mac_event(1328), MAC=00:50:79:66:68:01 was successfully inserted
```

What command will display the debug l2mac events?

- A. show module L2MAC
- B. show debug terminal
- C. show debug buffer module L2MAC
- D. show debug all

**Answer: C**

**NEW QUESTION 2**

Match the term to the correct description.

| Term                   | Description  |
|------------------------|--|
| BGP                    | used for creating backup routes by implementing a higher administrative distance |
| Floating Static Routes | a distance vector protocol   |
| OSPFv2                 | an ipv4 link-state routing protocol that runs within an Autonomous System        |
| OSPFv3                 | used to route traffic between Autonomous Systems                                 |
| RIPv2                  | a routing protocol capable of routing IPv6 packets                               |

- A. Mastered
- B. Not Mastered

**Answer: A**

**Explanation:**

| Term                   | Description  |
|------------------------|--|
| BGP                    | used for creating backup routes by implementing a higher administrative distance |
| Floating Static Routes | a distance vector protocol   |
| OSPFv2                 | an ipv4 link-state routing protocol that runs within an Autonomous System        |
| OSPFv3                 | used to route traffic between Autonomous Systems                                 |
| RIPv2                  | a routing protocol capable of routing IPv6 packets                               |

**NEW QUESTION 3**

Refer to the exhibit.

Internet Protocol Version 4 (TCP/IPv4) Properties X

**General**

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

Obtain an IP address automatically

Use the following IP address:

IP address:

Subnet mask:

Default gateway:

Obtain DNS server address automatically

Use the following DNS server addresses:

Preferred DNS server:

Alternate DNS server:

Validate settings upon exit Advanced...

Using the static IP address configured above, what is the converted binary value of the third octet assigned to the local interface?

- A. 11010101
- B. 10110001
- C. 01001011
- D. 11111000

**Answer:** A

**NEW QUESTION 4**

What is true about VSX? (Choose two.)

- A. VSX is ideal for Campus access layer deployments where ease of deployment is needed.
- B. VSX allows upgrading members with near zero downtime or loss of packets.
- C. VSX is available on all Aruba OS-CX switches except the 6300F model.
- D. VSX is implemented on static port switch
- E. VSX-plus needed to stack chassis together.
- F. VSX run separate control planes to reduce latency and improve performance.

**Answer:** BE

**NEW QUESTION 5**

The customer has 778 developers testing computer games on the network. Which two actions resolve Broadcast storms? (Choose two.)

- A. Manually disable the redundant link to immediately resolve the impacted portion of the network.
- B. Utilize Spanning Tree to dynamically disable all redundant links in a segment.
- C. Setting switch ports to half-duplex will resolve Broadcast storms using Carrier Sense Multiple-Access Collision Detection (CSMA/CD).
- D. Enable single Area Open Shortest Path First (OSPF) on all Layer 2 switches, but do not enable routing.
- E. Utilize Spanning Tree to dynamically block Designated ports in addition to Alternate ports.

**Answer:** AB

**NEW QUESTION 6**

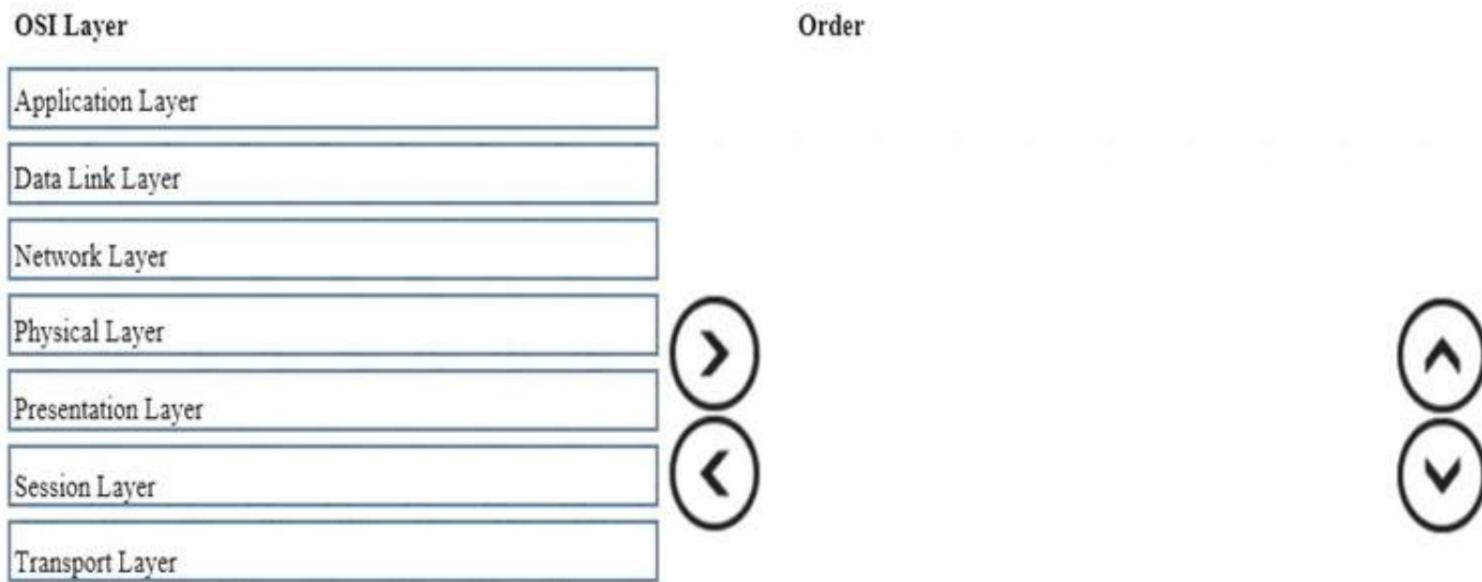
What is the login and password combination is used when first configuring an Aruba OS-CX switch from factory defaults?

- A. Login admin and password field empty.
- B. Login admin and password forgetme!
- C. Login admin and password password.

**Answer:** B

**NEW QUESTION 7**

Place the OSI Layers in the correct order. Arrange them from least to greatest, starting with Layer 1 on the top, and progressing to Layer 7 on the bottom.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Graphical user interface, application Description automatically generated

**NEW QUESTION 8**

Which two options are correct regarding the IEEE 802.11ax standard? (Choose two.)

- A. allows transmissions of up to 4.8Gbps
- B. is an emerging satellite connection standard to allow wireless access anywhere in the world
- C. operates only in the 5GHz similar to 802.11ac
- D. operates in both the 2.4GHz and 5GHz radios bands
- E. is the first WLAN standard to no longer use electromagnetic signals to transmit data

**Answer:** AD

**NEW QUESTION 9**

Interface 1/1/1 is up  
 Admin state is up  
 Link transitions: 1  
 Description: TO\_PC-1  
 Hardware: Ethernet, MAC Address: 00:11:22:33:44:55  
 MTU 1500  
 Type 1GbT  
 Full-duplex qos trust none  
 Speed 1000 Mb/s  
 Auto-negotiation is on Flow-control: off Error-control: off MDI mode: MDIX VLAN Mode: access Access VLAN: 1111  
 Which command will produce the above output?

- A. show interface vlan 1111
- B. show interface 1/1/1
- C. show interface gigabit 1/1/1
- D. show vlan 1111

**Answer:** B

**NEW QUESTION 10**

What are two methods for remotely managing an Aruba AOS-CX switch? (Choose two.)

- A. SNMPv2c
- B. HTTPS
- C. USB-C console
- D. Telnet
- E. SSH

**Answer:** BE

**NEW QUESTION 10**

Which two types of routes can be found in the IP routing table of an Aruba AOS-CX switch? (Choose two.)

- A. Local
- B. EIGRP
- C. BGP

- D. ISIS
- E. RIPng

**Answer:** AC

**NEW QUESTION 12**

Match each description to the correct term.

| Term             | Description  |
|------------------|--|
| ASIC             | receives and sends frames by using Application-Specific Integrated Circuits (ASICs)    |
| Control Plane    | switches packets faster than using software  |
| Data Plane       | determines packet forwarding using routing, switching, security, and flow optimization |
| Management Plane | handles switch monitoring  |

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

| Term             | Description  |
|------------------|--|
| ASIC             | receives and sends frames by using Application-Specific Integrated Circuits (ASICs)    |
| Control Plane    | switches packets faster than using software  |
| Data Plane       | determines packet forwarding using routing, switching, security, and flow optimization |
| Management Plane | handles switch monitoring  |

**NEW QUESTION 15**

Which option correctly describes a WAN network?

- A. a group of computer resources that communicates between geographically separate location
- B. the connection between two separate buildings in the same campus
- C. a network of devices over long distances but limited to within a single ISP
- D. compute resources that are networked locally over wireless

**Answer:** A

**NEW QUESTION 16**

Refer to the exhibit.

```

Ethernet adapter Ethernet 3:

Connection-specific DNS Suffix . : 
Description . . . . . : Killer E2200 Gigabit Ethernet Controller #2 #2 #2
Physical Address. . . . . : D8-CB-8A-17-8D-ED
DHCP Enabled. . . . . : No
Autoconfiguration Enabled . . . . : Yes
Link-local IPv6 Address . . . . . : fe80::d1ea:377f:5154:9f53%3(Preferred)
IPv4 Address. . . . . : 192.168.1.10(Preferred)
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.1.1
    
```

What is the correct binary conversion of the last two hexadecimal characters of the physical address?

- A. 1101 1000
- B. 1110 1101

- C. 1001 1111 0101 0011
- D. 1000 1101 1110 1101

**Answer:** B

**NEW QUESTION 21**

Which field in the IPv4 header indicates whether the IP packet carries TCP or UDP traffic?

- A. Protocol
- B. IHL
- C. TTL
- D. Identification

**Answer:** A

**NEW QUESTION 22**

Which switches support Aruba Virtual Switching Extension (VSX)? (Choose two.)

- A. Aruba 6405
- B. Aruba 2930F
- C. Aruba 8400
- D. Aruba 5406R
- E. Aruba 8350

**Answer:** AC

**NEW QUESTION 27**

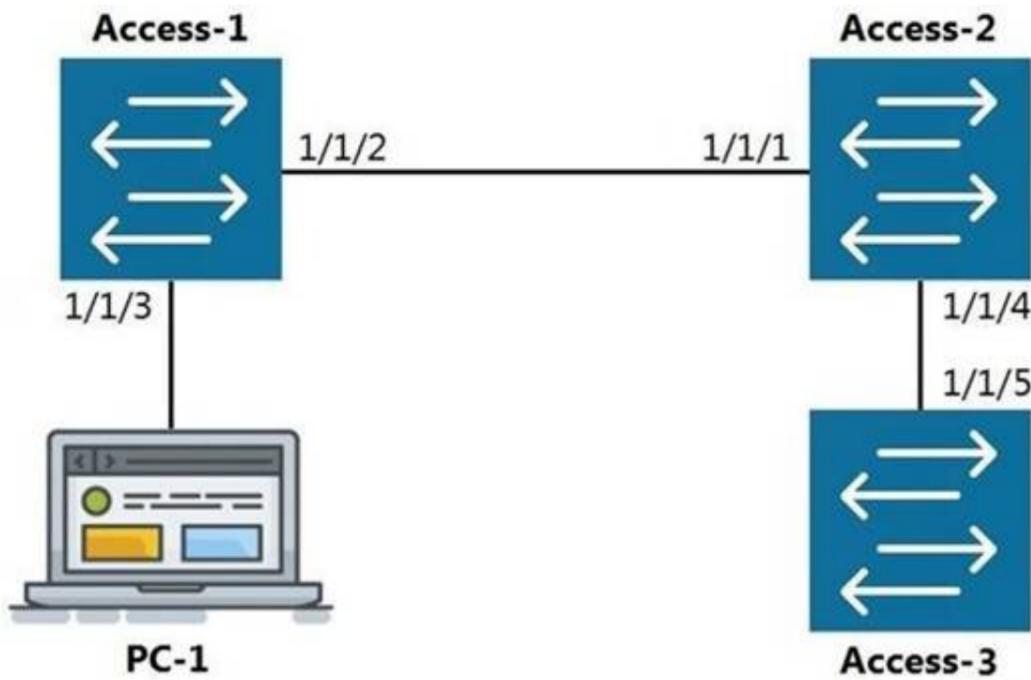
What are two primary concerns regarding layer two loops in a redundant topology? (Choose two.)

- A. routing loops
- B. costs associated with upgrading from copper to fiber
- C. multiple frame copies leading to instability of the MAC address table
- D. security issues with a redundant loop indicating to hackers that a back-door exists
- E. broadcast storms

**Answer:** CD

**NEW QUESTION 30**

Refer to the exhibit.



The command show LLDP neighbor-info gets typed into Access-1. All switches are Aruba OS-CX switches. What is the output of this command?

A.

| LOCAL-PORT | CHASSIS-ID        | PORT-ID | PORT-DESC | TTL | SYS-NAME |
|------------|-------------------|---------|-----------|-----|----------|
| 1/1/1      | 90:20:c2:bc:ed:00 | 1/1/2   | 1/1/2     | 120 | Access-2 |
| 1/1/5      | 90:20:c2:bc:ef:00 | 1/1/2   | 1/1/2     | 120 | Access-3 |

B.

| LOCAL-PORT | CHASSIS-ID        | PORT-ID | PORT-DESC | TTL | SYS-NAME |
|------------|-------------------|---------|-----------|-----|----------|
| 1/1/1      | 90:20:c2:bc:ed:00 | 1/1/2   | 1/1/2     | 120 | Access-2 |

C.

| LOCAL-PORT | CHASSIS-ID        | PORT-ID | PORT-DESC | TTL | SYS-NAME |
|------------|-------------------|---------|-----------|-----|----------|
| 1/1/2      | 90:20:c2:bc:ed:00 | 1/1/1   | 1/1/1     | 120 | Access-2 |
| 1/1/2      | 90:20:c2:bc:ef:00 | 1/1/5   | 1/1/5     | 120 | Access-3 |

D.

| LOCAL-PORT | CHASSIS-ID        | PORT-ID | PORT-DESC | TTL | SYS-NAME |
|------------|-------------------|---------|-----------|-----|----------|
| 1/1/2      | 90:20:c2:bc:ed:00 | 1/1/1   | 1/1/1     | 120 | Access-2 |

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

**Answer: D**

**NEW QUESTION 33**

What are two available options as part of a DHCP offer message? (Choose two.)

- A. SSID
- B. DNS server IP
- C. Subnet Mask
- D. LLDP-MED
- E. VLANID

**Answer: BC**

**NEW QUESTION 36**

Refer to the exhibit.

```
Core-1# show interface mgmt
  Address Mode           : static
  Admin State           : up
  Mac Address           : 90:20:c2:bc:8e:01
  IPv4 address/subnet-mask : 10.1.1.1/24
  Default gateway IPv4   : 10.1.1.254
  IPv6 address/prefix    :
  IPv6 link local address/prefix:
  Default gateway IPv6   :
  Primary Nameserver     : 10.254.1.21
  Secondary Nameserver   :
Core-1# ping 10.1.1.254
connect: Network is unreachable
Core-1#
```

What change on Core-1 will result in a successful ping to 10.1.1.254 from the management interface?

- A. Use the command ping 10.1.1.254 vrf mgmt
- B. Use the command ping 10.1.1.254/24
- C. Change the Core-1 management address to 10.1.1.1/25 first
- D. The destination 10.1.1.254 requires configuring a static route

**Answer: A**

**NEW QUESTION 37**

With what other technology does Half Duplex communication closely match?

- A. a pair of fiber optic strands allowing transmit on one and receive on the other at the same time
- B. a mobile phone call
- C. point-to-point connections between two switches allowing concurrent transmit and receive
- D. CB radio using push-to-talk

**Answer: D**

**NEW QUESTION 42**

Your customer has 349 users in a two-story building. What are two benefits of a 2-Tier design? (Choose two.)

- A. Layer 2 and Layer 3 protocols run close to the endpoints to better implement ACL and QoS policy at the edge.
- B. Improved performance by offloading processing from the Access layer to the Core.
- C. Use of layer 2 switches at the access layer can process and route traffic from attached APs.
- D. Support for WAN/MPLS, Internet, and Data Center directly on the Collapsed core.
- E. Provides a more cost effective solution given that no additional switches are required for a third tier.

**Answer:** AE

**NEW QUESTION 46**

What is a benefit of choosing a 3-Tier design with routing at the Aggregation layer?

- A. Better Core router performance by offloading processing
- B. Shifting endpoint access to the Aggregation layer from the Access layer
- C. Using access control lists (ACLs) at the Core to improve performance
- D. Connecting WAN/MPLS and Data center access to the Aggregation layer

**Answer:** A

**NEW QUESTION 48**

Match each description to the correct management tool for Aruba AOS-CX.

| Management Tools    | Answer Area          | Description   |
|---------------------|----------------------|---|
| NetEdit             | <input type="text"/> | can run as an OVA   |
| Aruba CX Mobile App | <input type="text"/> | requires AOS-CX switches to support HTTPS, SSH, and REST access |
|                     | <input type="text"/> | connects to switches via Bluetooth or Wi-Fi                     |
|                     | <input type="text"/> | includes a feature for stacking automation                      |
|                     | <input type="text"/> | supports SNMPv2c to discover third-party devices                |

- A. Mastered
- B. Not Mastered

**Answer:** A

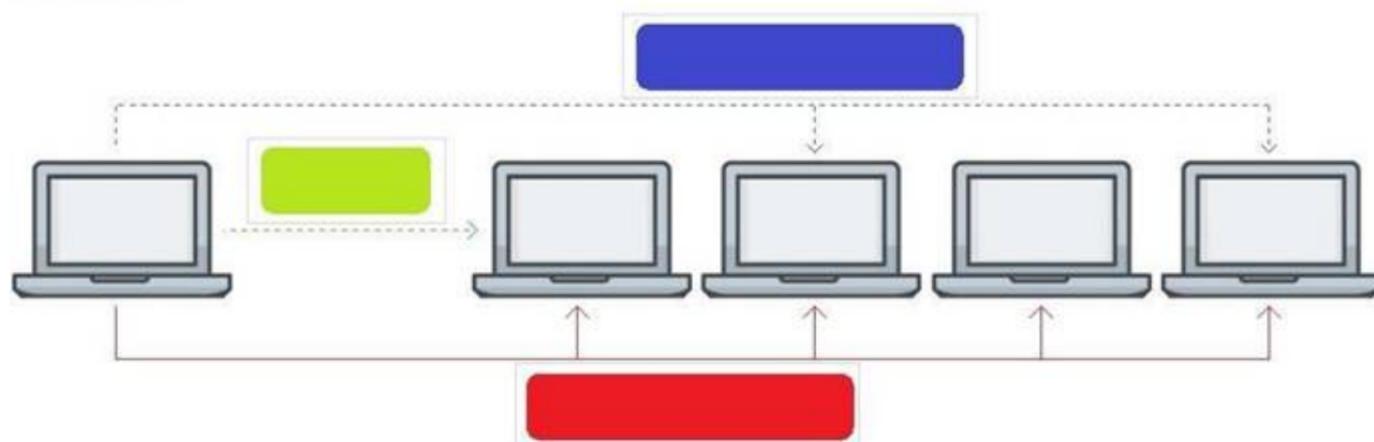
**Explanation:**

| Management Tools    | Answer Area         | Description   |
|---------------------|---------------------|---|
| NetEdit             | NetEdit             | can run as an OVA   |
| Aruba CX Mobile App | NetEdit             | requires AOS-CX switches to support HTTPS, SSH, and REST access |
|                     | Aruba CX Mobile App | connects to switches via Bluetooth or Wi-Fi                     |
|                     | Aruba CX Mobile App | includes a feature for stacking automation                      |
|                     | NetEdit             | supports SNMPv2c to discover third-party devices                |

**NEW QUESTION 53**

Click on the colored box that corresponds with the line that best represents Broadcast traffic flow.

**Answer Area**

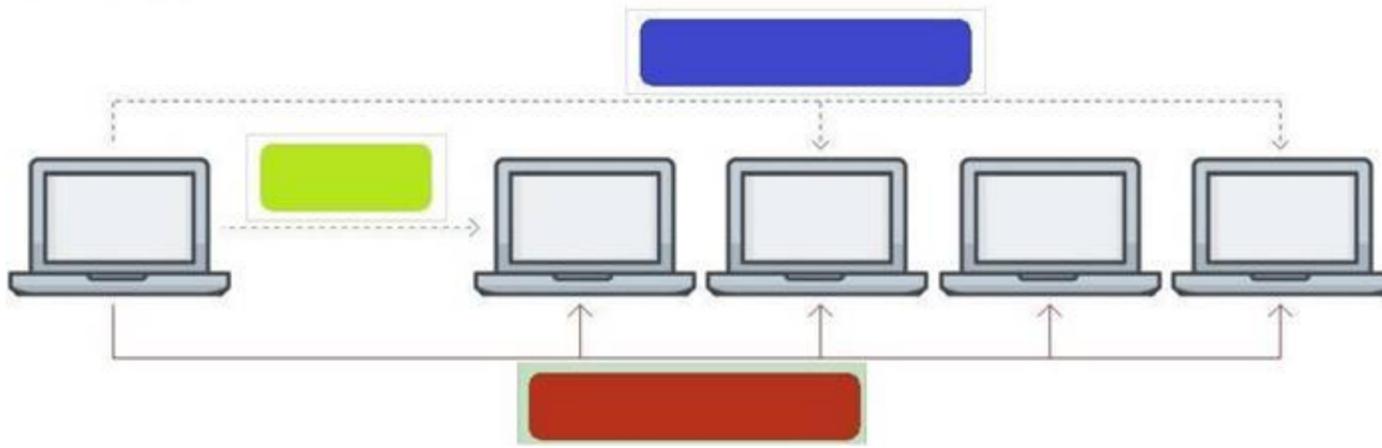


- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Answer Area**



**NEW QUESTION 57**

What are two features in a 2-Tier design that are implemented at the Access layer? (Choose two.)

- A. VPN access
- B. WAN/MPLS connectivity
- C. Endpoint Access
- D. Deep packet inspection
- E. Power over Ethernet

**Answer:** CE

**NEW QUESTION 60**

Which two port characteristics must match between LAG interfaces? (Choose two.)

- A. Port number
- B. Duplex
- C. Member ID
- D. Media type
- E. Chassis number

**Answer:** BD

**NEW QUESTION 62**

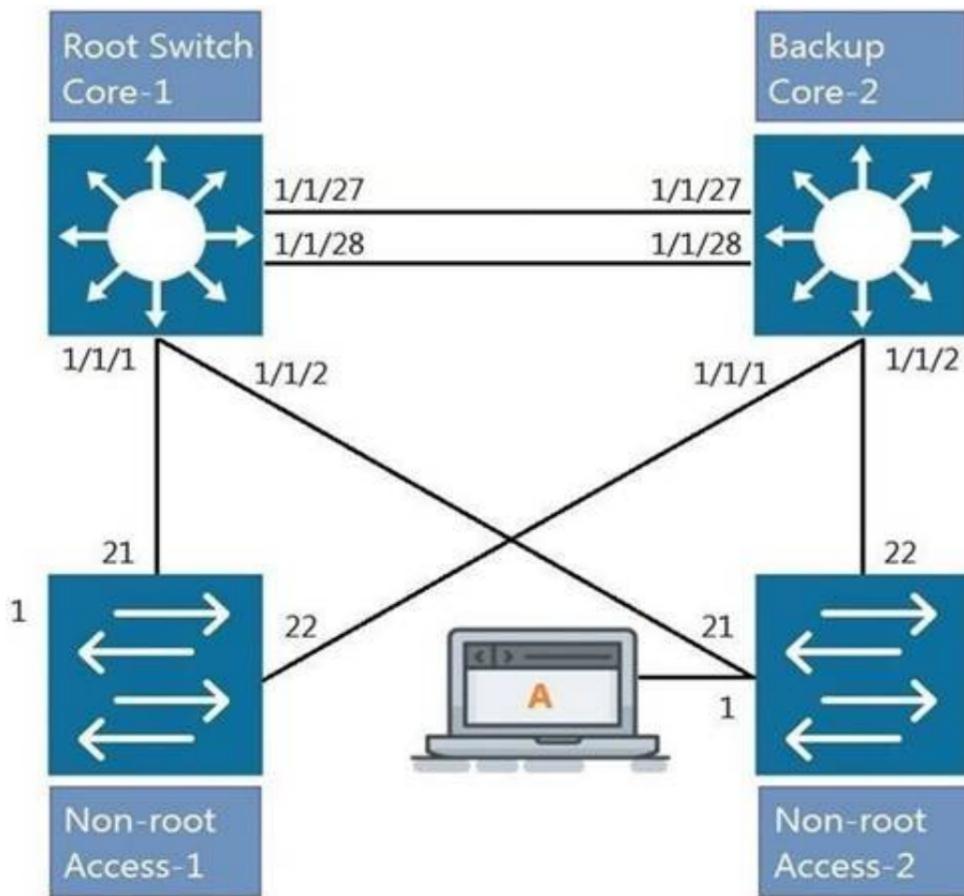
What are two mechanisms supported on AOS-CX 6300 switches used in Multi-active Detection to determine the status of the Primary member? (Choose two.)

- A. Management interface split detection
- B. Peer switch-based detection
- C. Loopback keepalives
- D. ARP-based
- E. BFD

**Answer:** AD

**NEW QUESTION 63**

Refer to the exhibit.



All four switches in the diagram have been configured with the region name "Aruba1".  
 What two other MSTP configurations must match for switches within the same MST region? (Choose two.)

- A. MST region type
- B. MST Bridge ID
- C. MST version number
- D. MST revision number
- E. MST VLAN to instance mapping

**Answer:** DE

**NEW QUESTION 66**

What connectivity commands are available on AOS-CX switches? (Choose two.)

- A. netstatus
- B. traceroute
- C. ping
- D. pathping
- E. tracert

**Answer:** BC

**NEW QUESTION 67**

ServiceOS login: admin SVOS> password  
 Enter password: \*\*\*\*\* Confirm password: \*\*\*\*\*

The login password to access an Aruba AOS-CX was lost. After connecting to the switch console port, a reboot is performed and the Service OS console is accessed as shown above.

What is the default password that is required for the admin account while under the Service OS console?

- A. No password is set for this account.
- B. "password"
- C. "forgetme!"
- D. The same login password that has lost originally.

**Answer:** C

**NEW QUESTION 70**

Which two options are the Layer 2 protocols? (Choose two.)

- A. 802.1Q
- B. IPSec
- C. STP
- D. RIP
- E. 802.11af

**Answer:** AC

**NEW QUESTION 72**

Which Ethernet port combination does the Aruba 5400R ZL2 switch series support?

- A. 10/100 Megabit Ethernet, Gigabit Ethernet, and 100 Gigabit Ethernet

- B. Gigabit Ethernet, 25 Gigabit Ethernet, and 40 Gigabit Ethernet
- C. 10/100 Megabit Ethernet, Gigabit Ethernet, 25 Gigabit Ethernet, and 100 Gigabit Ethernet
- D. 10/100 Megabit Ethernet, Gigabit Ethernet, and 40 Gigabit Ethernet

**Answer:** D

**NEW QUESTION 74**

What is Deep Packet Inspection?

- A. a machine learning method of packet inspection for the purpose of choosing which dynamic routing protocol to automatically assign
- B. a concept that applies to firewalls, when examining packets only up through Layer 4
- C. a function of Policy Based Routing that examines the entire IPv4 header to forward traffic based on factors other than destination address
- D. a firewall process of examining the packet header all the way to Layer 7 in order to determine if the packet should be permitted or denied

**Answer:** D

**NEW QUESTION 77**

Which two options are the Layer 3 Routing protocols? (Choose two.)

- A. BGP
- B. LLDP
- C. OSPF
- D. MPLS
- E. 802.3ad

**Answer:** AC

**NEW QUESTION 78**

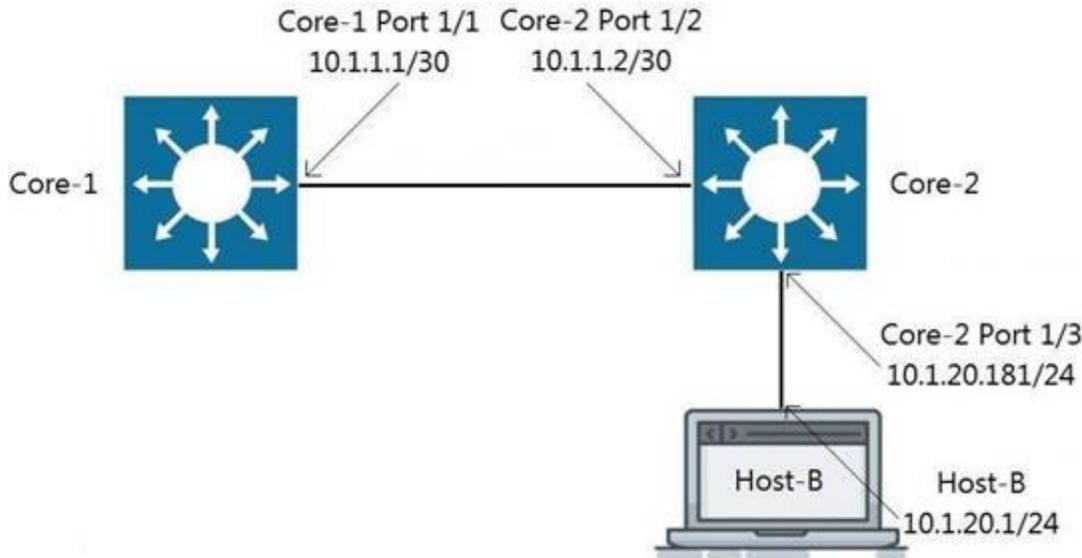
Which statement is true regarding modern switching requirements?

- A. Most older legacy switches had high port bandwidth utilization and were future proof designed to meet today's power-over-Ethernet needs.
- B. Requirements for PoE are normally addressed using AC to DC power adapter
- C. Concerns for port security for IoT devices are usually addressed using default wired encryption that all 802.3 Ethernet switches provide.
- D. While APs are common, most clients are still docked and only require traditional wired connections with only the occasional dedicated PoE switch to provide power for the low number of devices needed.
- E. Clients tend to prefer wireless connections, raising the need for PoE port acces
- F. There is also a growing amount of IoT devices that require security and port authentication options.

**Answer:** D

**NEW QUESTION 83**

Refer to the exhibit.



Traffic is failing between Core-1 and Host-B. IP addressing has correctly been applied, and all interfaces are attached to the vrf GREEN. Which configuration will correct the issue?

- A. Core-2(config)# ip route 0.0.0.0/0 10.1.1.1 vrf GREEN Host-B: assign the default-gateway address 10.1.20.181
- B. Core-1(config)# ip route 10.1.20.0/24 10.1.1.2 vrf GREEN Host-B: assign the default-gateway address 10.1.20.181
- C. Core-1(config)# ip route 10.1.20.0/24 10.1.1.2 vrf GREEN Host-B: assign the default-gateway address 10.1.20.1
- D. Host-B: assign the default-gateway address 10.1.20.181

**Answer:** B

**NEW QUESTION 86**

.....

## **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

### **HPE6-A72 Practice Exam Features:**

- \* HPE6-A72 Questions and Answers Updated Frequently
- \* HPE6-A72 Practice Questions Verified by Expert Senior Certified Staff
- \* HPE6-A72 Most Realistic Questions that Guarantee you a Pass on Your First Try
- \* HPE6-A72 Practice Test Questions in Multiple Choice Formats and Updates for 1 Year

**100% Actual & Verified — Instant Download, Please Click**  
**[Order The HPE6-A72 Practice Test Here](#)**