

## Exam Questions HPE6-A72

Aruba Certified Switching Associate Exam

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### 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|12mac-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|12mac-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

Refer to the exhibit.

```
Access-1(config-if)# show run int 1/1/1
interface 1/1/1
  no shutdown
  no routing
  vlan trunk native 1
  vlan trunk allowed all
  exit
Access-1(config-if)# vlan 100
Access-1(config-vlan-100)# exit
Access-1(config)#
```

What commands will successfully enable the SVI for vlan 100 on interface 1/1/1 to produce the results displayed in the command show ip interface brief in the exhibit below?

```
Access-1(config)# show ip interface brief
Interface                IP Address                Interface Status
                          link/admin
1/1/2                    No Address                down/down
1/1/3                    No Address                down/down
1/1/4                    No Address                down/down
1/1/5                    No Address                down/down
vlan100                  10.1.1.1/24              up/up
```

- A. Access-1(config)# interface 1/1/1 Access-1(config-if)# routingAccess-1(config-if)# interface vlan 100Access-1(config-if-vlan)# ip address 10.1.1.1/24
- B. Access-1(config)# interface 1/1/1Access-1(config-if)# vlan trunk permit vlan 100 Access-1(config-if)# interface vlan 100Access-1(config-if-vlan)# ip address static 10.1.1.1/24
- C. Access-1(config)# interface vlan 100Access-1(config-if-vlan)# ip address 10.1.1.1/24
- D. Access-1(config-if)# vlan 100Access-1(config-vlan)# ip address 10.1.1.1/24

Answer: C

### NEW QUESTION 3

Refer to the exhibit.

Internet Protocol Version 4 (TCP/IPv4) Properties

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: 10 . 177 . 213 . 75

Subnet mask: 255 . 255 . 248 . 0

Default gateway: 10 . 177 . 208 . 1

☐ Obtain DNS server address automatically

☒ Use the following DNS server addresses:

Preferred DNS server: . . .

Alternate DNS server: . . .

☐ Validate settings upon exit

Advanced...

OK Cancel

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

Match each network protocol to the correct default listening port and transport protocol. Not all answers will be used.

Default Port and Transport protocol		Network protocol
TCP 20, TCP 21		DNS
TCP 23		FTP
TCP 53		HTTPS
TCP 443		Telnet
UDP 20, UDP 21		DHCP
UDP 23		
UDP 53		
UDP 67		

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Default Port and Transport protocol		Network protocol
TCP 20, TCP 21	FTP	DNS
TCP 23	Telnet	FTP
TCP 53		HTTPS
TCP 443	HTTPS	Telnet
UDP 20, UDP 21		DHCP
UDP 23		
UDP 53	DNS	
UDP 67	DHCP	

#### 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 binary conversion of the hexadecimal value 0x2001?

- A. 0010 0001
- B. 0002 0000 0000 0001
- C. 0011 0000 0000 0001
- D. 0010 0000 0000 0001

**Answer:** D

#### NEW QUESTION 7

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 8

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 9

Which command can be used to find the serial number of an Aruba OS-CX switch?

- A. The command inventory
- B. The command version
- C. The command show running-configuration
- D. The command show system



Answer: D

#### NEW QUESTION 10

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 10

Refer to the exhibit.

```
SW1# show vlan
-----
VLAN    Name               Status  Reason         Type         Interfaces
-----
1       DEFAULT_VLAN_1    up      ok             default      <output omitted>
10      Engineering        up      ok             static       1/1/1-1/1/7
20      Guest              up      ok             static       1/1/11-1/1/14
```

The above command was applied to an Aruba AOS-CX 6300M 24-port switch with 4-port SFP56 uplinks. All ports are set as access switchports. Which ports carry VLAN 1 traffic?

- A. 1/1/8, 1/1/10, 1/1/5-1/1/24
- B. 1/1/1-1/1/28
- C. 1/1/1-1/1/24
- D. 1/1/8-1/1/10, 1/1/5-1/1/28

Answer: D

#### NEW QUESTION 11

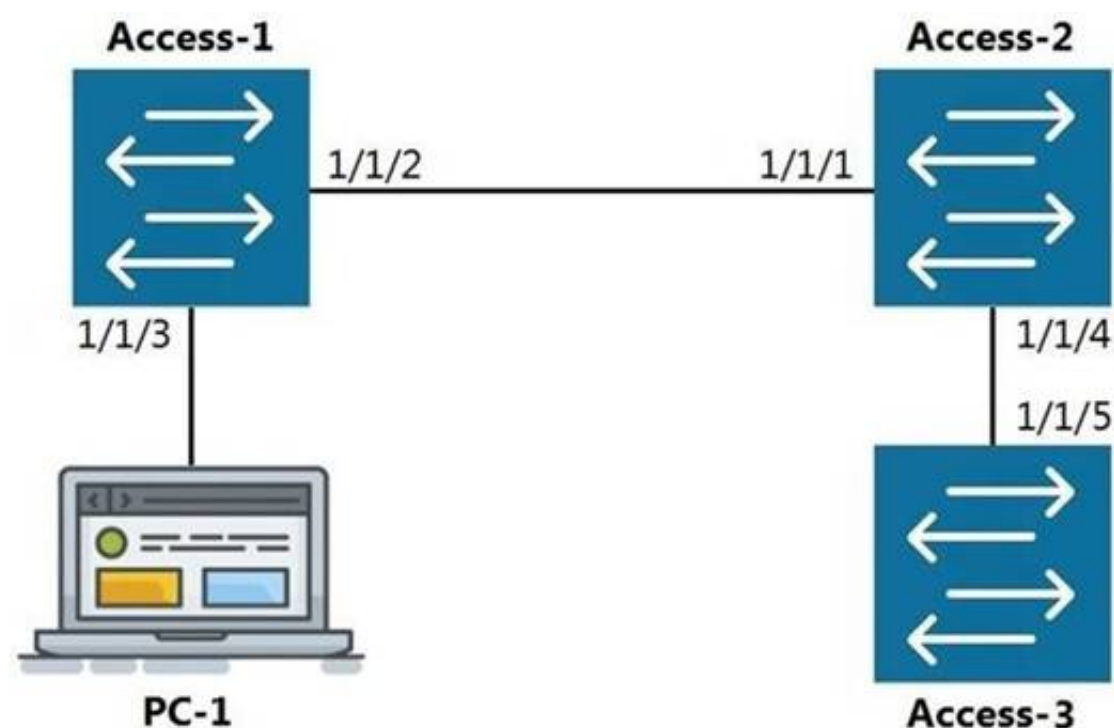
What are two primary concerns regarding layer two loops in a redundant topology? (Choose two.)

- 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 14

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 16

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 17

What are the commands to disable SSH and HTTPS services from the default VRF?

- A. Core-1(config)# no ssh server Core-1(config)# no https-server
- B. Core-1# no ssh server vrf default Core-1# no https-server vrf default
- C. Core-1(config)# no ssh server enable Core-1(config)# no https-server enable
- D. Core-1(config)# no ssh server vrf default Core-1(config)# no https-server vrf default

Answer: D

### NEW QUESTION 22

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Management Tools	Answer Area	
NetEdit	Management Tool	Description
Aruba CX Mobile App	NetEdit	can run as an OVA
	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 26

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 29

Which two commands will save the running-config so that changes will be loaded automatically on the next reboot? (Choose two.)

- A. write memory
- B. save
- C. copy config config1 config startup-config
- D. copy running-config startup-config
- E. copy running-config checkpoint boot-config

Answer: AD

### NEW QUESTION 33

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

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

Answer: BC

### NEW QUESTION 35

Which network category applies to a SOHO internal network?

- A. SD-WAN



- B. LAN
- C. WAN
- D. Internet

**Answer:** D

#### NEW QUESTION 36

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 37

Refer to the exhibit.

```
T11-Access-2# show lldp configuration
```

```
LLDP Global Configuration
```

```
=====
```

```
LLDP Enabled           : Yes
LLDP Transmit Interval : 30
LLDP Hold Time Multiplier : 4
LLDP Transmit Delay Interval : 2
LLDP Reinit Time Interval : 2
```

```
TLVs Advertised
```

```
=====
```

```
Management Address
```

```
Port Description
```

```
Port VLAN-ID
```

```
System Capabilities
```

```
System Description
```

```
System Name
```

```
OUI
```

```
LLDP Port Configuration
```

```
=====
```

```
PORT                TX-ENABLED          RX-ENABLED
```

```
-----
```

```
1/1/1               Yes                Yes
```

```
1/1/2               Yes                Yes
```

```
<--- output omitted --->
```

```
1/1/27              Yes                Yes
```

```
1/1/28              Yes                Yes
```

What configuration is needed in order for "show LLDP configuration" to show this output?

- A. none; LLDP is enabled by default on Aruba switches
- B. configuring LLDP both globally and on the interfaces
- C. enabling LLDP on the interfaces only
- D. configuring LLDP globally only

**Answer:** A

#### NEW QUESTION 40

What are the benefits of a 3-Tier design over a 2-Tier? (Choose two.)

- A. Offloading processing from the Core without routing at the Access layer.
- B. Can use lower speed links between Core to Aggregation and Aggregation to Access given the use of an Aggregation layer.
- C. Lowering the cost of a deployment due to needing less switches overall.
- D. Better scalability in a campus with a large number of buildings.
- E. Gaining the flexibility to connect the Data-Center to any Access layer switch.

**Answer:** AD



**NEW QUESTION 42**

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