



HP

Exam Questions HPE3-U01

Aruba Certified Network Technician Exam(ACNT)

NEW QUESTION 1

You connect a computer to the network. Assuming you have configured a static address to its NIC, what protocols will the computer run in order to establish a secure web connection to YouTube.com?

- A. DNS and HTTPS
- B. DHCP, FTP, and HTTP5
- C. DHCP, DNS, and HTTPS
- D. DHCP and https
- E. FTP and https

Answer: C

NEW QUESTION 2

What are the differences between Local-based and Server-based management? (Select two.)

- A. server-based management cannot talk to the device's control plane, local-based can
- B. in local-based, the managed device is a client, while in server-based it is a server
- C. local-based management can use the device's console port, server-based cannot
- D. local-based management requires an on-premises network management appliance
- E. server-based management can monitor multiple devices at once, local-based cannot

Answer: BC

NEW QUESTION 3

How many addresses does the 255.255.252.0 provide?

- A. 16384
- B. 32768
- C. 8192
- D. 1024

Answer: D

NEW QUESTION 4

On which connection type are collisions more likely to happen?

- A. Dark Fiber
- B. Fiber
- C. Copper
- D. Wi-Fi

Answer: D

NEW QUESTION 5

Which device provides high ethernet port density for connecting wired clients such as computers, IP phones, and printers? (Select two.)

- A. Wireless Router
- B. Router
- C. Access Point
- D. Multilayer Switches
- E. Switches

Answer: CD

NEW QUESTION 6

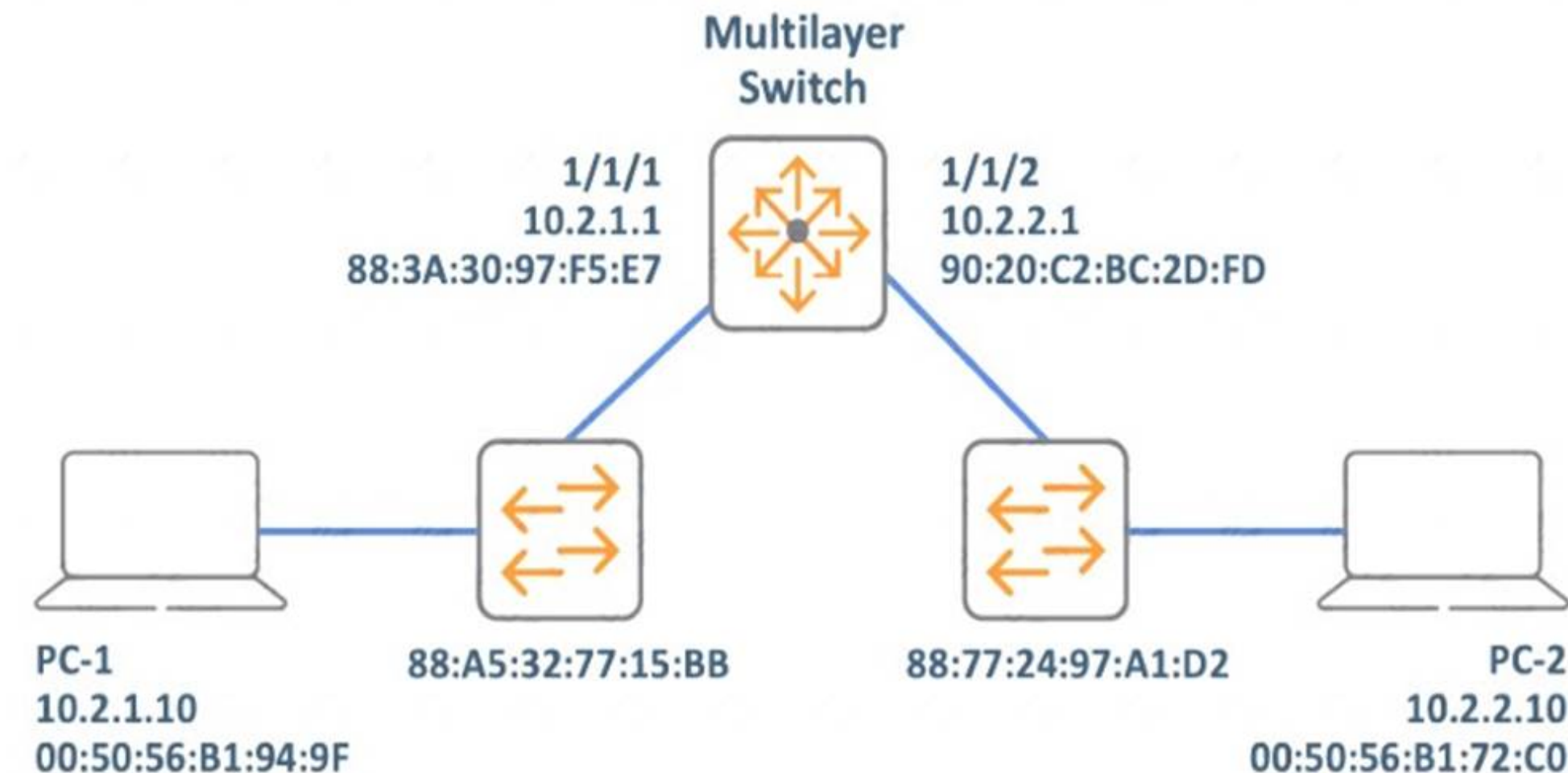
Which command should you enter to access the second interface of the third slot in a modular ArubaOS-CX switch?

- A. Interface 0/3/2
- B. Interface 0/2/3
- C. Interface 1/3/2
- D. Interface 3/1/2

Answer: D

NEW QUESTION 7

Refer to exhibit:



PC-1 is sending a packet to PC-2. What are the Layer 2 and Layer 3 source addresses of the message when it is received by PC-2? (Select two.)

- A. source MAC is 90:20:C2:BC:2D:FD
- B. destination MAC is 88:77:24:97:A1:D2
- C. source IP is 10.2.1.10
- D. source MAC is 00:50:56:B1:94:9F
- E. source IP is 10.2.2.1

Answer: AB

NEW QUESTION 8

You have connected a Multilayer switch to an Internet Service Provider router that has the 172.16.31.254 IP address. What configuration line do you have to enter on your switch to enable internet access?

- A. route 172.16.31.254 0.0.0.0 0.0.0.0
- B. ip route 0.0.0.0/0 172.16.31.254
- C. routing 0.0.0.0/0 172.16.31.254/24
- D. ip routing 0/0 172.16.31.254

Answer: A

NEW QUESTION 9

Which protocol provides frame delivery using physical addressing and error detection using frame check sequence?

- A. Link Layer Discovery Protocol
- B. Ethernet
- C. TCP/IP
- D. User Datagram Protocol

Answer: A

NEW QUESTION 10

Which command should you enter to access the second interface of a one-rack-unit standalone ArubaOS-CX switch?

- A. Interface 0/0/2
- B. Interface 1/0/2
- C. Interface 1/1/2
- D. Interface 0/1/2

Answer: C

NEW QUESTION 10

You are managing an ArubaOS-CX switch using the CLI. The current prompt reads "Switch(config-if>#". Which single CLI command should you issue to move back to the Manager context?

- A. end
- B. disable
- C. quit
- D. exit

Answer: A

NEW QUESTION 11

Which table must clients populate to remember the L2 addressing of their neighbors?

- A. MAC Table
- B. ARP Table
- C. Routing Table
- D. Ethernet Table

Answer: A

NEW QUESTION 15

Which statements are true about a router? (Select two.)

- A. They are considered layer two devices.
- B. They utilize protocols to learn all possible paths.
- C. They are considered layer four devices.
- D. They are considered layer three devices.
- E. They analyze source addresses to learn paths.

Answer: DE

NEW QUESTION 16

Which statement accurately describes an omnidirectional antenna?

- A. Radiates equal power in all directions in the Elevation Plane.
- B. Radiates almost equal power in all directions in the Vertical Plane.
- C. Radiates more power in a specific angle and less power in others.
- D. Radiates almost equal power in all directions in the Horizontal Plane.

Answer: A

NEW QUESTION 19

Which dual-band IEEE WLAN standard provides up to 4.8 Gbps of theoretical data rate?

- A. 802.11 ac
- B. 802.11ax
- C. 802.11n
- D. 802.11be

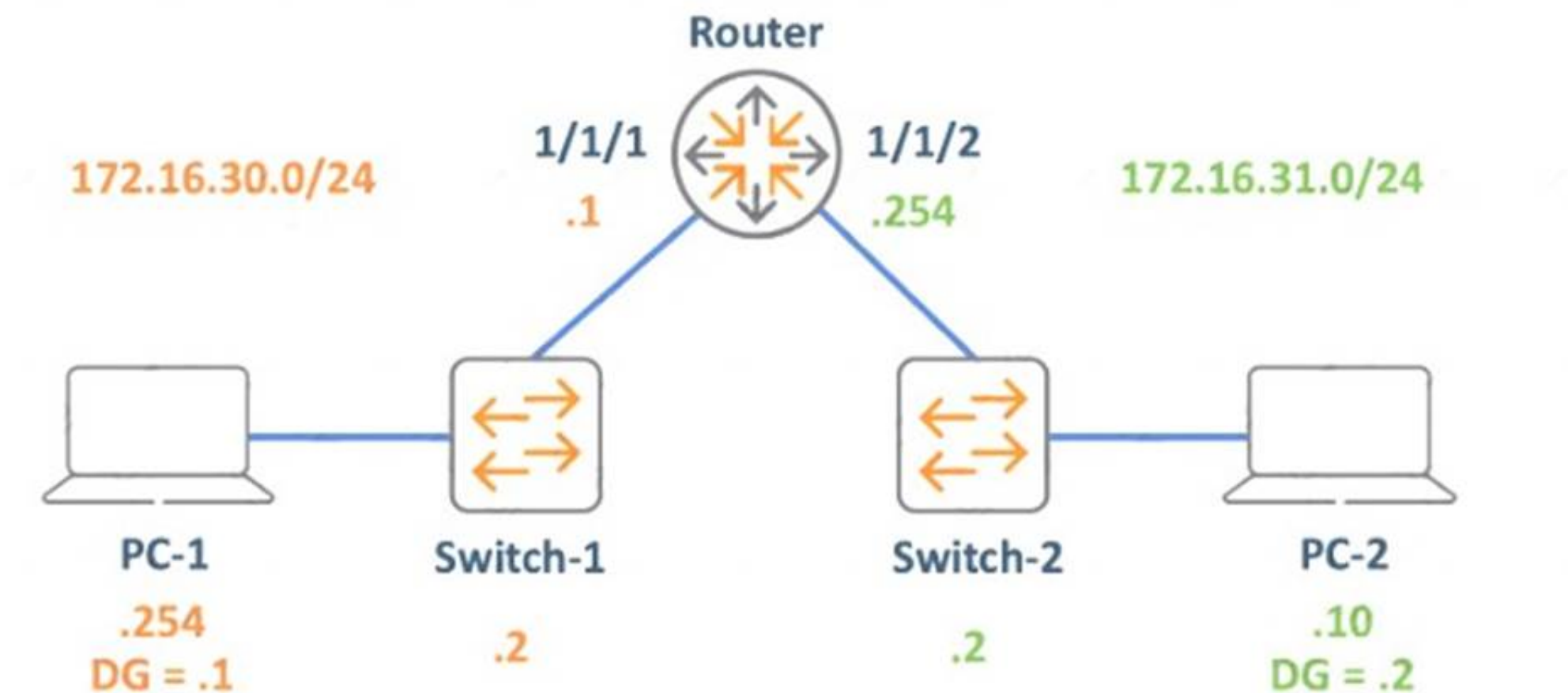
Answer: D

Explanation:

<https://ieeexplore.ieee.org/iel7/6287639/8948470/09090146.pdf>

NEW QUESTION 20

Refer to Exhibit.



The PCs are not able to successfully establish bidirectional communication. What change must you deploy to enable the communication between PC-1 and PC-2?

- A. change PC-1 's default gateway to 172.16.30.2
- B. change PC-1's IP address to 172.16.30.10
- C. change the Router's 1/1/1 interface IP to 172.16.30.254
- D. change PC-2's default gateway to 172.16.31.254

Answer: C

NEW QUESTION 23

What is considered a Layer 2 component?

- A. Router
- B. Switch
- C. Transceiver
- D. UTP cable

Answer: B

NEW QUESTION 26

Which characteristic allows switches to mitigate collisions?

- A. The switches support VLANs that segment the collision domains.
- B. The switches use L3 protocols that eliminate collisions.
- C. The switches' ports are independent collision domains.
- D. The switches have proprietary features that help eliminate collisions.

Answer: A

NEW QUESTION 27

Which Wi-Fi frame announces the Service Set Identifier (SSID) to Basic Service Set Identifier (BSSID) mapping?

- A. association request
- B. probe request
- C. beacon
- D. network allocation vector

Answer: B

NEW QUESTION 30

What do the digits in the ArubaOS-CX switch interface numbering represent?

- A. Member/Slot/Port
- B. Slot/Member/Port
- C. Stack/Member/Port
- D. Module/Slot/Port

Answer: C

NEW QUESTION 32

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