

Exam Questions HPE3-U01

Aruba Certified Network Technician Exam(ACNT)

<https://www.2passeasy.com/dumps/HPE3-U01/>



NEW QUESTION 1

What is a characteristic of IPv4 addresses?

- A. It is 32 bits long
- B. It is 128 bits long
- C. 12 hex-digit notation
- D. Has zero compression rule

Answer: A

NEW QUESTION 2

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 3

Which organization provides certifications that ensure interoperability between WLAN vendors?

- A. Institute of Electrical and Electronics Engineers
- B. Federal Communications Commission
- C. Wi-Fi Alliance
- D. Internet Engineering Task Force

Answer: C

Explanation:

<https://www.wi-fi.org/certification>

NEW QUESTION 4

What is the maximum recommended distance for a 1 Gbps Ethernet connection using Cat 6 UTP-based cabling between a host and the switch where it is plugged in?

- A. 50 meters (164 feet)
- B. 100 meters (328 feet)
- C. 300 meters (984 feet)
- D. 15 meters (49 feet)

Answer: B

NEW QUESTION 5

Which traffic type is used for one-to-one communication?

- A. Broadcast
- B. Anycast
- C. Unicast
- D. Multicast

Answer: C

Explanation:

<https://www.omnisecu.com/tcpip/ipv6/unicast-multicast-anycast-types-of-network-communication-in-ipv6.php>

NEW QUESTION 6

What is part of the 5 GHz band?

- A. Channel 12 and 13
- B. U-NII 5
- C. Channels 149 to 161
- D. Channel 14

Answer: C

NEW QUESTION 7

What are the key differences between L2 switches and routers? (Select two.)

- A. Switches build an ARP table, while routers build a port table.
- B. Switches build a MAC table while routers build a routing table.

- C. Switches are considered L2 devices, while routers are L4.
- D. Switches offer a considerably higher port density than routers.
- E. Routers offer a considerably higher port density than switches.

Answer: BD

NEW QUESTION 8

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 9

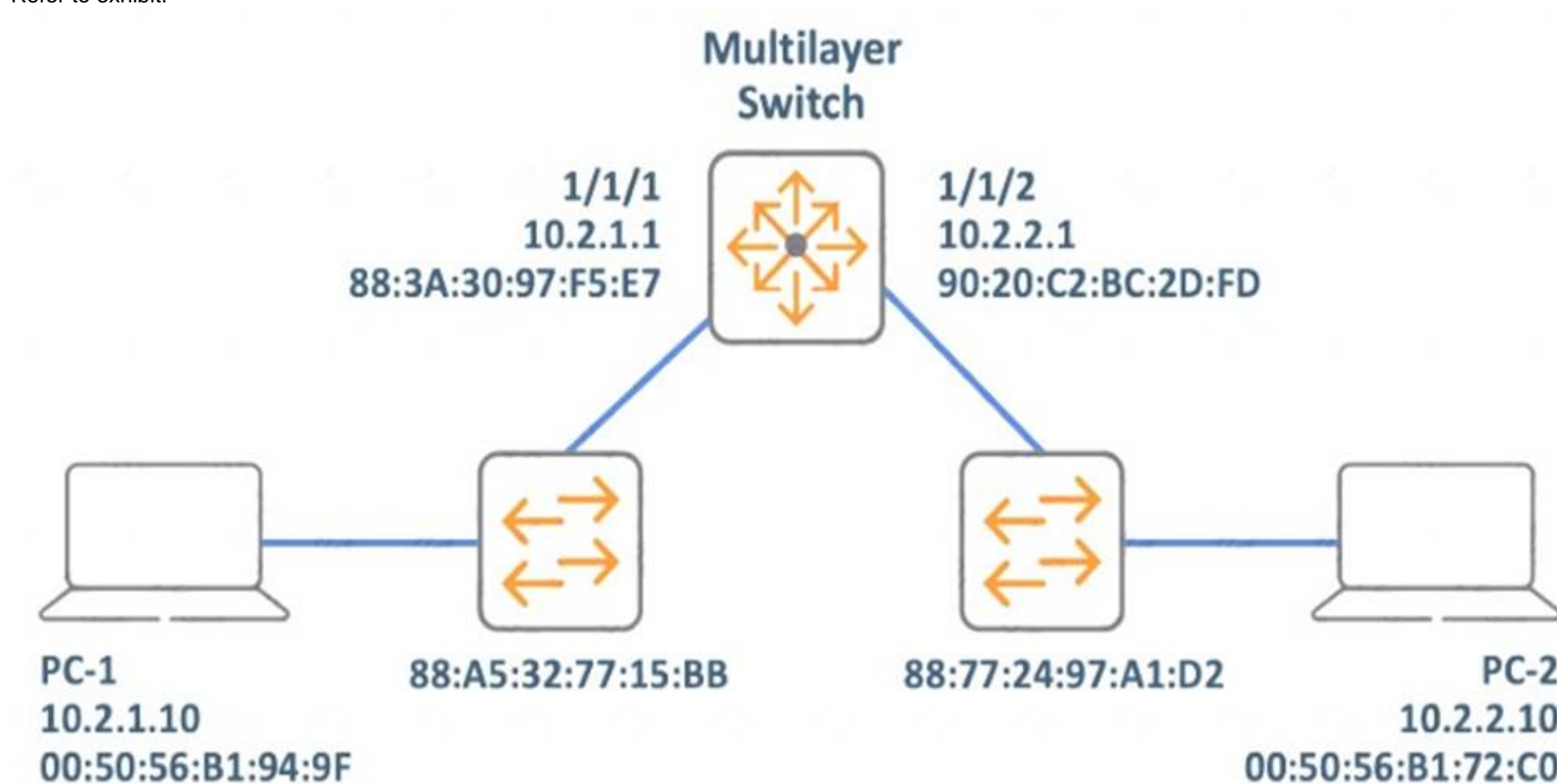
Which command should you enter to access the second interface of the third slot in a modular ArubaOS-CX switch?

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

Answer: D

NEW QUESTION 10

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 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 14

Which statements are true about Access Points? (Select two.)

- A. They use destination IP addresses to switch the packets.
- B. They bridge wireless frames to the wired network.
- C. They are used to interconnect wireless devices only.
- D. They offer wireless connectivity to endpoints.
- E. They only operate at Layer three of the OSI model.

Answer: AD

NEW QUESTION 19

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 20

Which accurately describes the TCP/IP Model? (Select two.)

- A. It is a set of communication protocols used on TCP-based networks only.
- B. It specifies how to compress, fragment, encrypt, and analyze data.
- C. It specifies how to assemble, address, transmit, route, and disassemble a data packet.
- D. It is a set of communication protocols used on IP-based networks only.
- E. It is a set of communication protocols used on Ethernet-based networks only.

Answer: CD

NEW QUESTION 22

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

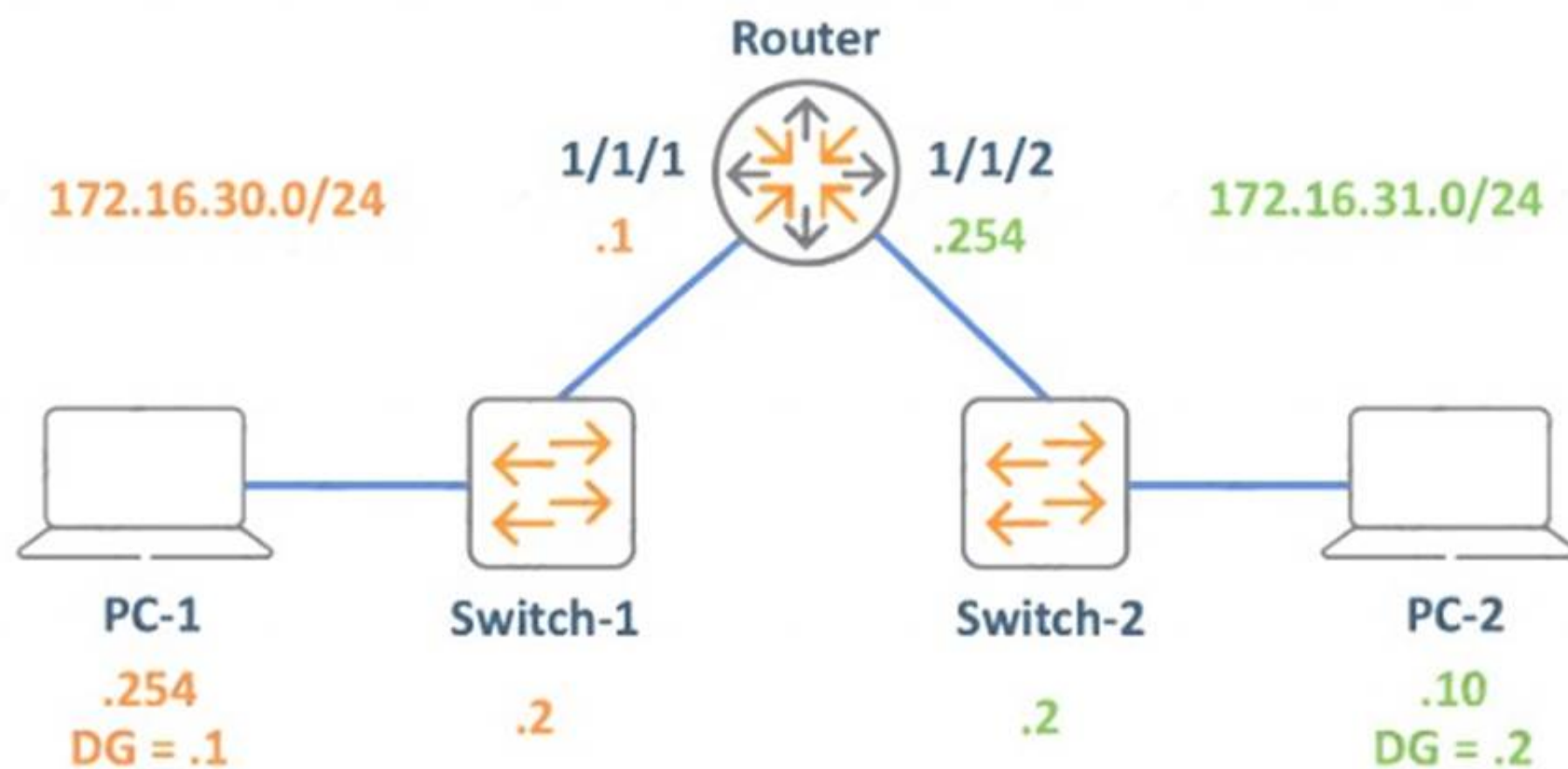
Answer: D

Explanation:

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

NEW QUESTION 26

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 27

What is considered a Layer 2 component?

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

Answer: B

NEW QUESTION 31

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 35

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