HP

Exam Questions HPE3-U01

Aruba Certified Network Technician Exam(ACNT)

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
Which organization is in charge of determining the International Standards?

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

Answer: D

NEW QUESTION 3
To which wireless device category do a hardwire desktop PC belongs?

A. stationary devices
B. somewhat mobile devices
C. highly mobile devices
D. intermittent mobile devices

Answer: C

NEW QUESTION 4
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 5
Why do clients run the Address Resolution Protocol (ARP)?

A. To discover the destination address of the Layer 3 header of IP packets.
B. To discover the source address of the Layer 3 header of IP packets.
C. To discover the destination address of the Layer z header that encapsulates IP packets.
D. To discover the source address of the Layer z header that encapsulates IP packets.

Answer: B

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. Channel14

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

On which connection type are collisions more likely to happen?

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

Answer: D

NEW QUESTION 9
How many IP assignable addresses are contained in 10.0.128.0/23?

A. 4094
B. 254
C. 510
D. 512

Answer: D

NEW QUESTION 10
Whichcondition allows 5Ghz channels to avoid Adjacent Channel Interference?

A. transmit at 40 MHz bandwidth
B. transmit at high power levels
C. transmit at low power levels
D. transmit at 20 MHz bandwidth

Answer: A

NEW QUESTION 10
Which commands can you use to save the switch configuration changes, so they survive a switch reboot? (Select two.)

A. copy running-config checkpoint backup
B. store memory
C. write memory
D. copy running-config checkpoint startup-config
E. save memory

Answer: BD

NEW QUESTION 12
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 15
What is a true statement about wireless communications using Wi-Fi?

A. Amplitude, phase, and frequency of radio waves are modulated to transmit data
B. Wireless communications have a maximum range of 10 meters (30 feet)
C. Amplitude, phase, and frequency of radio waves are modulated to increase range
D. Wireless communications have a minimum range of 10 meters (30 feet)

Answer: C

NEW QUESTION 19
Given the 172.16.0.0 255.255.255.0 IP segment, how many IP addresses can be assigned to host and network devices?

A. 126
B. 6
C. 128
D. 4

Answer: C

NEW QUESTION 22
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 24
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 25
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 28
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 32
Which accurately describes the 051 Model?

A. It is a reference model that describes data flow over the network using four layers.
B. It is a reference model that is used to convert binary bits into analog signals.
C. It is a reference model that explains how data is created by the application layer.
D. It is a reference model that describes how data communications occur on a network.

Answer: D

NEW QUESTION 36
Refer to Exhibit.
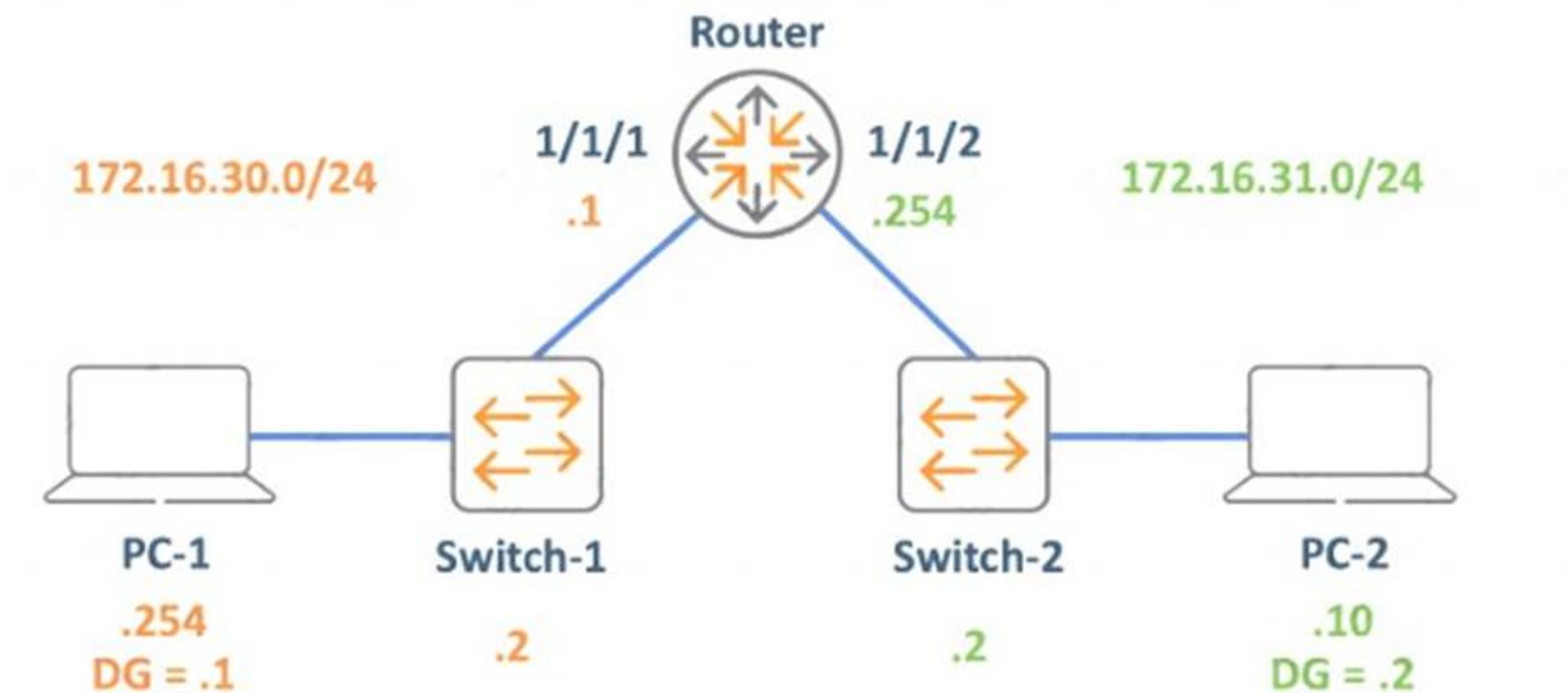
The PCs are not able to successfully establish bidirectional communication. What change must you deploy to enable the communication between PC-1 and PC-2?

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 40
What is considered a Layer 2 component?

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

Answer: B

NEW QUESTION 42
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 45
At which section of the Aruba Central WLAN configuration Wizard can you set the Role Based controls?

A. Access
B. VLANs
C. Security
D. General

Answer: A

NEW QUESTION 48
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