

# HP

## Exam Questions HPE3-U01

Aruba Certified Network Technician Exam(ACNT)



**NEW QUESTION 1**

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 2**

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 3**

What is the binary equivalent of the Hexadecimal number 17?

- A. 11001
- B. 10111
- C. 10001
- D. 1110001

**Answer:** B

**NEW QUESTION 4**

What are characteristics of Aruba Central? (Select two.)

- A. It must be deployed as an on-premises server.
- B. It manages networking equipment using SNMP.
- C. It manages networking equipment using HTTPs.
- D. It can manage third-party networking equipment.
- E. It is considered cloud-based network management.

**Answer:** DE

**NEW QUESTION 5**

Refer to Exhibit.

Version	IHL	Type of Service	Total Length	
Identification			Flags	Fragment Offset
TTL		Protocol	Checksum	
Source IP Address				
Destination IP Address				
Options				

To which protocol does the header belong?

- A. Internet Protocol version 6
- B. User Datagram Protocol
- C. Ethernet Protocol
- D. Transmission Control Protocol
- E. Internet Protocol

**Answer:** A

**NEW QUESTION 6**

What is the decimal equivalent of the binary number 10001010?

- A. 138
- B. 198
- C. 108
- D. 89

**Answer:** A

#### 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

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 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 10

Which commands are required to configure interfaces 1 /1/1 and 1 /1/2 as VLAN 10 access ports in ArubaOS-CX switches?

- ☐ `vlan 10 interface 1/1/1-1/1/2 $ &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;& no routing $ $ &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;& access vlan 10 $`
- ☐ `vlan 10 interface 1/1/1 $ &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;& access 10 $ interface 1/1/2 $ &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;& access 10 $`
- ☐ `vlan 10 interface 1/1/1-1/1/2 $ &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;& no routing $ $ &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;& vlan access 10 $`
- ☐ `interface 1/1/1 $ &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;& vlan 10 $ interface 1/1/2 $ &nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;& vlan 10 $`

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

**Answer:** D

#### NEW QUESTION 14

What is the binary equivalent of the decimal number of 233?

- A. 11010101
- B. 11101001
- C. 11100101
- D. 11110001

**Answer:** B

**NEW QUESTION 19**

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 24**

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 29**

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 34**

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 38**

Refer to Exhibit.

Source Port	Destination Port
Length	Optional Checksum

To which protocol does the header belong?

- A. User Datagram Protocol
- B. Transmission Control Protocol
- C. 802.11 Wi-Fi
- D. Ethernet Protocol
- E. Internet Protocol

**Answer:** E

**NEW QUESTION 43**

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 45**

Which Wi-Fi technology assists with data privacy on open networks?

- A. Simultaneous Authentications of Equals (5AE)
- B. Opportunistic Wireless Encryption (OWE)
- C. Commercial National Security Algorithm (CNSA)
- D. Wi-Fi Protected Access 2(WPA2)

**Answer:** D

**NEW QUESTION 49**

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 53**

What is the goal of the TCP three-way handshake?

- A. To notify the destination who the originator is.
- B. To acknowledge the reception of the segments.
- C. To establish a reliable, flow-controlled connection.
- D. To notify the number of segments that will be sent.

**Answer:** C

**NEW QUESTION 55**

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 56**

Exhibit:



What are valid configurable "Client VLAN Assignment" options for a Bridge-based WLAN in Aruba Central? (Select three.)

- A. native VLAN
- B. automatic VLAN
- C. hybrid VLAN
- D. static VLAN

**Answer:** D

**NEW QUESTION 60**

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 62**

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 63**

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