



**HP**

## **Exam Questions HPE6-A72**

Aruba Certified Switching Associate Exam

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NEW QUESTION 1

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	<input type="text"/>	<input type="text" value="DNS"/>
TCP 23	<input type="text"/>	<input type="text" value="FTP"/>
TCP 53	<input type="text"/>	<input type="text" value="HTTPS"/>
TCP 443	<input type="text"/>	<input type="text" value="Telnet"/>
UDP 20, UDP 21	<input type="text"/>	<input type="text" value="DHCP"/>
UDP 23	<input type="text"/>	
UDP 53	<input type="text"/>	
UDP 67	<input type="text"/>	

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

Default Port and Transport protocol		Network protocol
TCP 20, TCP 21	<input type="text" value="FTP"/>	<input type="text" value="DNS"/>
TCP 23	<input type="text" value="Telnet"/>	<input type="text" value="FTP"/>
TCP 53	<input type="text"/>	<input type="text" value="HTTPS"/>
TCP 443	<input type="text" value="HTTPS"/>	<input type="text" value="Telnet"/>
UDP 20, UDP 21	<input type="text"/>	<input type="text" value="DHCP"/>
UDP 23	<input type="text"/>	
UDP 53	<input type="text" value="DNS"/>	
UDP 67	<input type="text" value="DHCP"/>	

NEW QUESTION 2

What is the process where a compute device converts logical data bits into the correct physical representation depending on the media?

- A. Demodulation  
B. Modulation  
C. Propagation  
D. Encapsulation

Answer: D

NEW QUESTION 3

Which two statements are true regarding Checkpoints on Aruba switches? (Choose two.)

- A. Rolling back to a prior checkpoint triggers a reboot of the switch.  
B. Stacking switches using VSF or VSX will disable the Checkpoint feature.  
C. A checkpoint is a snapshot of the running-configuration and relevant metadata at the time the checkpoint was created.  
D. System-generated checkpoints are created after a configuration change and 5 minutes of inactivity.  
E. Checkpoints are available on AOS 5400R switches, as well as on all AOS-CX switches.

Answer: CE

NEW QUESTION 4

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 5

Place the OSI Layers in the correct order. Arrange them from least to greatest, starting with Layer 1 on the top, and progressing to Layer 7 on the bottom.

OSI Layer

Application Layer

Data Link Layer

Network Layer

Physical Layer

Presentation Layer

Session Layer

Transport Layer

Order

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, application Description automatically generated

NEW QUESTION 6

Match the available stacking feature to the correct AOS-CX switch model. Stacking features may be used more than once.

Stacking Feature

VSF

VSX

Answer Area

Stacking Feature

AOS-CX Switch Model

6300M

6300F

8320

8400

6400

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

## Stacking Feature

VSF
VSX

## Answer Area

Stacking Feature	AOS-CX Switch Model
------------------	---------------------

VSF	6300M
VSF	6300F
VSX	8320
VSX	8400
VSX	6400

### NEW QUESTION 7

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 8

You need to remote into an AOS-CX switch using SSH in order to update the management IP address for future connections. Unfortunately, you mis-configured the IP address and are now locked out of the switch.

What command could you have issued before making changes that would have recovered the original switch configuration after ten minutes?

- A. checkpoint rollback 10
- B. checkpoint auto 10
- C. checkpoint auto confirm 10
- D. boot system secondary 10

**Answer:** B

### NEW QUESTION 9

Which option correctly describes a WAN network?

- A. a group of computer resources that communicates between geographically separate location
- B. the connection between two separate buildings in the same campus
- C. a network of devices over long distances but limited to within a single ISP
- D. compute resources that are networked locally over wireless

**Answer:** A

### NEW QUESTION 10

Match the terms to the correct layer of the OSI model.

## Layer

Transport Layer
Network Layer
Physical Layer
Data Link Layer

## Term

	Frames
	Packets
	RF Signals
	Segments

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**



Layer	Term
Transport Layer	Frames
Network Layer	Packets
Physical Layer	RF Signals
Data Link Layer	Segments

#### NEW QUESTION 10

Which field in the IPv4 header indicates whether the IP packet carries TCP or UDP traffic?

- A. Protocol
- B. IHL
- C. TTL
- D. Identification

**Answer:** A

#### NEW QUESTION 15

Refer to the exhibit.

```
watchlog/3      0      0      0
dbus-daemon    0      0      15
intfd          0      0      11
ext4-rsv-conver 0      0      0
scsi_eh_6      0      0      0
cpuhp/3        0      0      0
kworker/4:0    0      0      0
scsi_tmf_4     0      0      0
kworker/5:1H   0      0      0
smartd        0      0      3
fault-handlerd 0      0      10
btd           0      0      12
portd         0      0      12
migration/4    0      0      0
scsi_tmf_1     0      0      0
kworker/2:0H   0      0      0
kauditd        0      0      0
rmond         0      0      9
certmgr        0      0      13
icmp6_unreachab 0      0      0
Core-1#
```

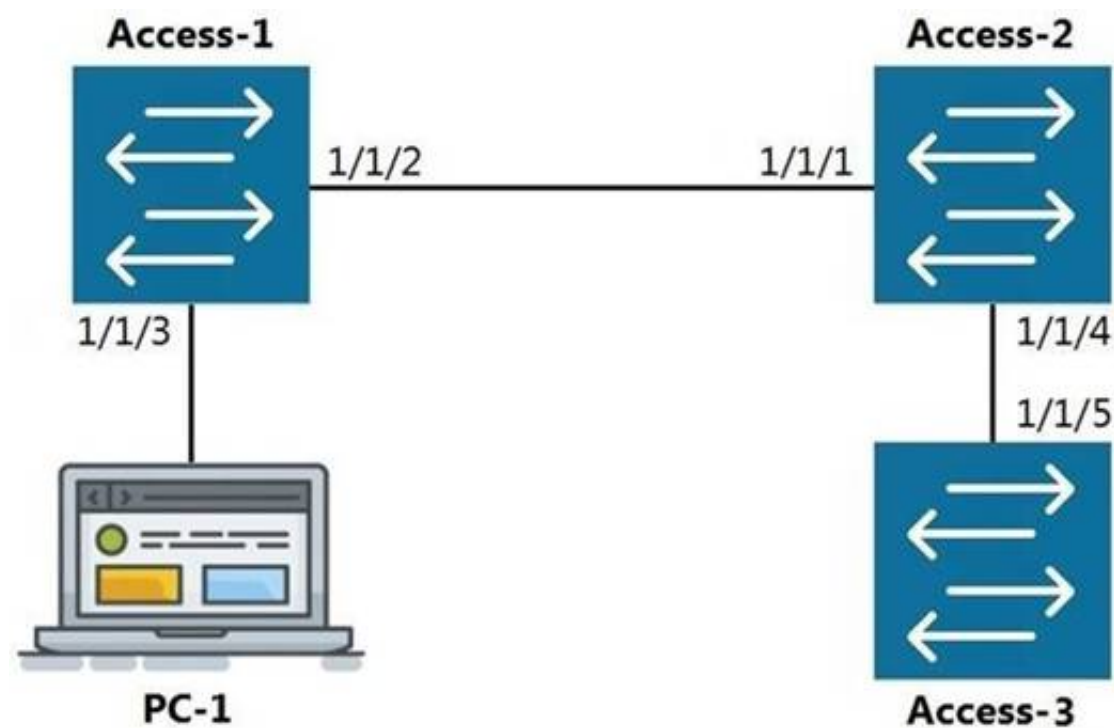
The above output is the result of issuing the command show system resource-utilization. What command should be used to enable terminal output line by line or page by page?

- A. The command page
- B. The command terminal length 30
- C. The command more
- D. The command less

**Answer:** A

#### NEW QUESTION 16

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 17

What are two available options as part of a DHCP offer message? (Choose two.)

- A. SSID  
B. DNS server IP  
C. Subnet Mask  
D. LLDP-MED  
E. VLANID

**Answer:** BC

#### NEW QUESTION 21

With what other technology does Half Duplex communication closely match?

- A. a pair of fiber optic strands allowing transmit on one and receive on the other at the same time  
B. a mobile phone call  
C. point-to-point connections between two switches allowing concurrent transmit and receive  
D. CB radio using push-to-talk

**Answer:** D

#### NEW QUESTION 26

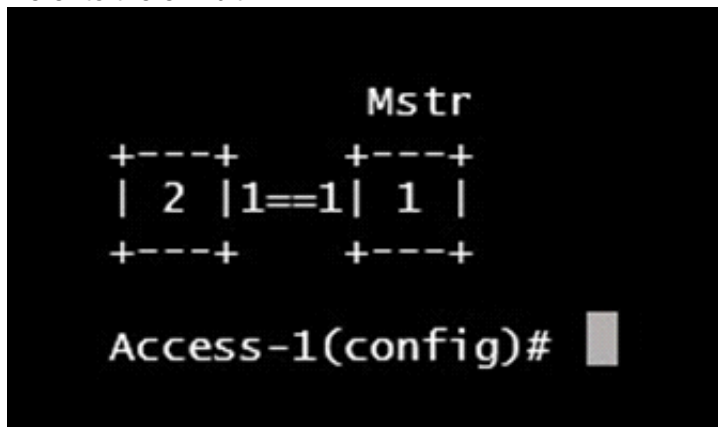
Which command will suppress LLDP messages from egressing on a given port while still allowing LLDP to be enabled on the switch?

- A. switch(config-if)# no lldp interface (port) transmit  
B. switch(config-if)# no lldp transmit  
C. switch(config-if)# no lldp receive  
D. switch(config)# no lldp

Answer: B

#### NEW QUESTION 29

Refer to the exhibit.



What VSF command produces the above output?

- A. show vsf member
- B. show vsf link
- C. show vsf topology
- D. show vsf detail

Answer: C

#### NEW QUESTION 30

What is a benefit of choosing a 3-Tier design with routing at the Aggregation layer?

- A. Better Core router performance by offloading processing
- B. Shifting endpoint access to the Aggregation layer from the Access layer
- C. Using access control lists (ACLs) at the Core to improve performance
- D. Connecting WAN/MPLS and Data center access to the Aggregation layer

Answer: A

#### NEW QUESTION 33

What command displays information regarding the secondary image installed on an AOS-CX switch?

- A. show secondary
- B. show version detail
- C. show version
- D. show images

Answer: D

#### NEW QUESTION 35

What is the Link Layer Discovery Protocol?

- A. a discovery protocol used between Layer 3 devices to determine routes within a single autonomous system
- B. a standardized IPv6 neighbor discovery protocol used to replace the ARP and broadcast mechanism used in IPv4
- C. a standardized protocol for communicating directly-connected device information and capabilities.
- D. an Aruba proprietary discovery protocol supported in all Aruba switches along with Cisco Discovery Protocol or CDP

Answer: C

#### NEW QUESTION 37

What are two mechanisms supported on AOS-CX 6300 switches used in Multi-active Detection to determine the status of the Primary member? (Choose two.)

- A. Management interface split detection
- B. Peer switch-based detection
- C. Loopback keepalives
- D. ARP-based
- E. BFD

Answer: AD

#### NEW QUESTION 39

Which statement is correct regarding powering an Aruba Access Point?

- A. PoE or PoE+ is only used with Ethernet that is carried over multi-mode fiber cabling.
- B. Using switchports for this reason is unnecessary, because Aruba Access Points typically use an AC to DC power adapter to draw power.
- C. PoE or PoE+ enabled switchports are rarely used given concerns about causing electrical interference, with the data also carried over Ethernet cabling.
- D. Most administrators use PoE or PoE+ enabled switchports to provide both Ethernet connectivity and power to the AP.

Answer: D



**NEW QUESTION 42**  
Refer to the exhibit.

Switch-1(config)# show spanning-tree | exclude Disabled

←----- output omitted -----→

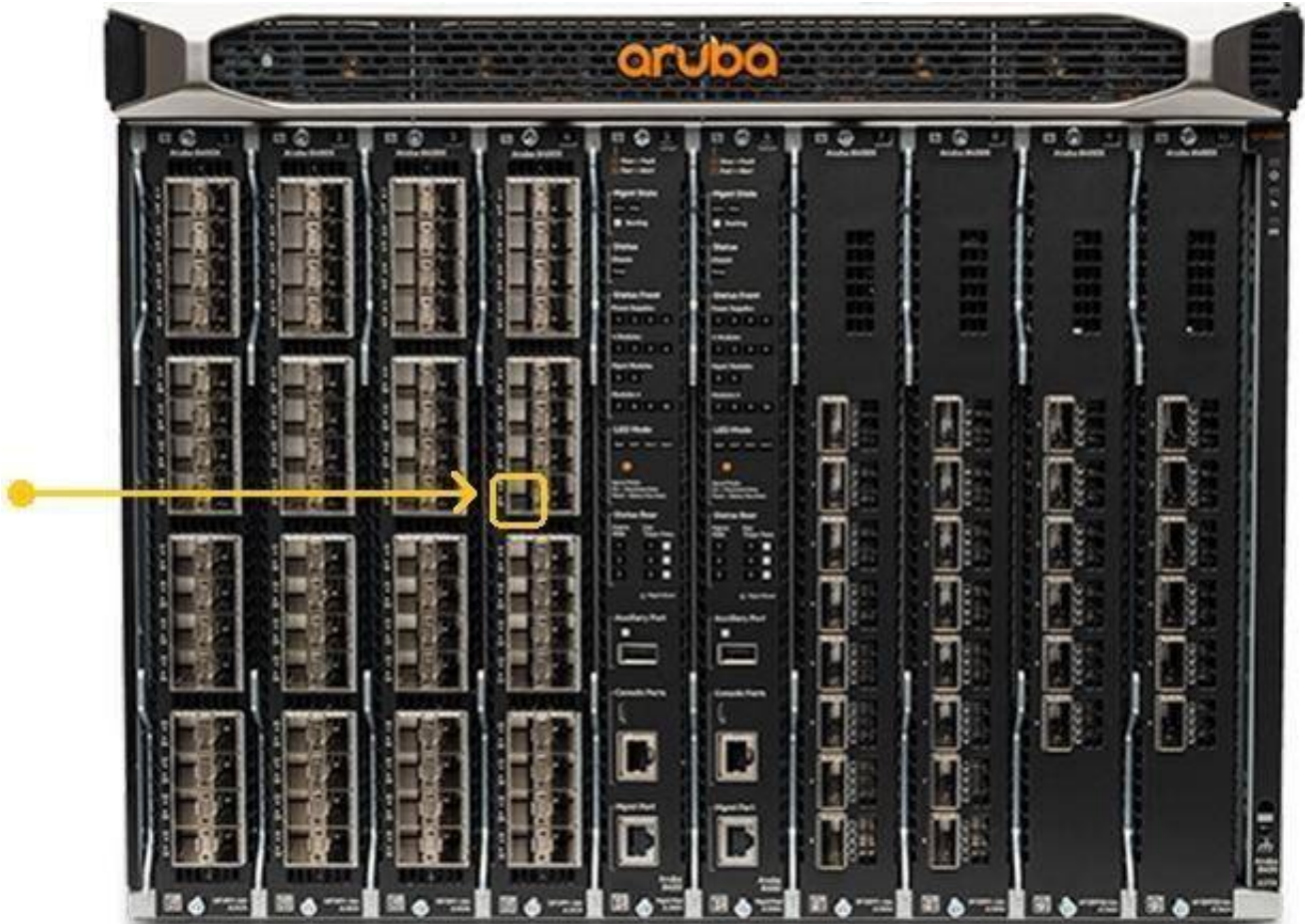
Port	Role	State	Cost	Priority	Type
1/1/1	Designated	Forwarding	4000	128	point_to_point
Lag1		Forwarding	2000	64	point_to_point
1/1/2	Designated	Forwarding	10000	128	point_to_point
1/1/3	Designated	Forwarding	20000	128	point_to_point

Switch-1 is not the root bridge. The ports shown are all the connected pointtopoint interfaces. What Role (hidden by the blue rectangle) will be assigned to the Lag 1 interface?

- A. Alternate
- B. Backup
- C. Root
- D. Designated

Answer: C

**NEW QUESTION 43**  
Refer to the exhibit.



The Aruba 8400 in the exhibit is member 2 of a VSW stack.  
Which command will enter the interface sub configuration mode for the port, indicated by the orange square?

- A. 8400(config)# interface 2/4/15
- B. 8400(config)# interface 1/7/16
- C. 8400(config)# interface 1/4/15
- D. 8400(config)# interface 2/3/17

Answer: A

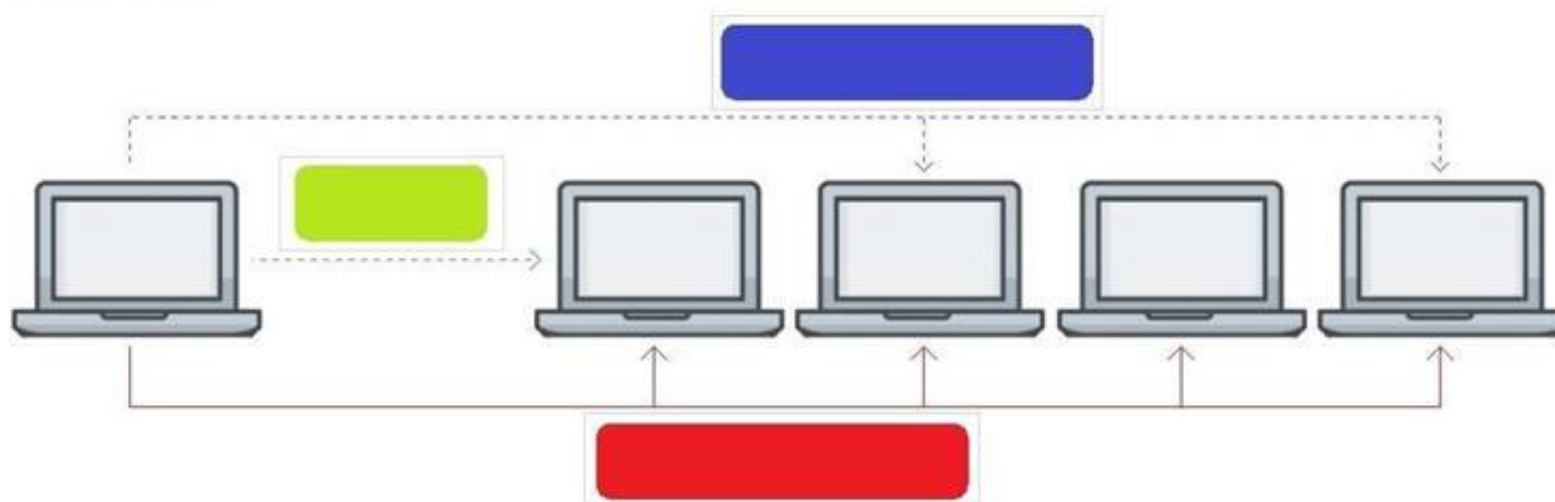
**NEW QUESTION 47**  
Which two commands will save the running-config so that changes will be loaded automatically on the next reboot? (Choose two.)

- 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 52**  
Click on the colored box that corresponds with the line that best represents Unicast traffic flow.

## Answer Area

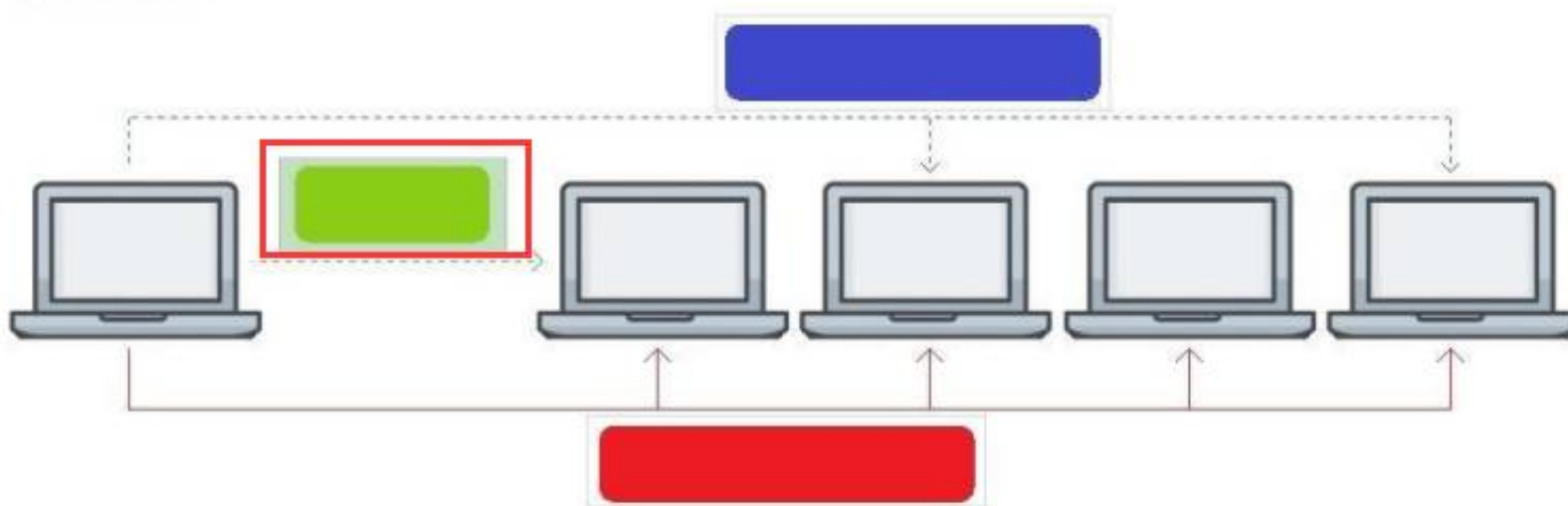


- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

## Answer Area



## NEW QUESTION 56

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 57

Which statement is true regarding modern switching requirements?

- A. Most older legacy switches had high port bandwidth utilization and were future proof designed to meet today's power-over-Ethernet needs.
- B. Requirements for PoE are normally addressed using AC to DC power adapter
- C. Concerns for port security for IoT devices are usually addressed using default wired encryption that all 802.3 Ethernet switches provide.
- D. While APs are common, most clients are still docked and only require traditional wired connections with only the occasional dedicated PoE switch to provide power for the low number of devices needed.
- E. Clients tend to prefer wireless connections, raising the need for PoE port acces
- F. There is also a growing amount of IoT devices that require security and port authentication options.

**Answer:** D

## NEW QUESTION 59

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## Relate Links

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