



**HP**

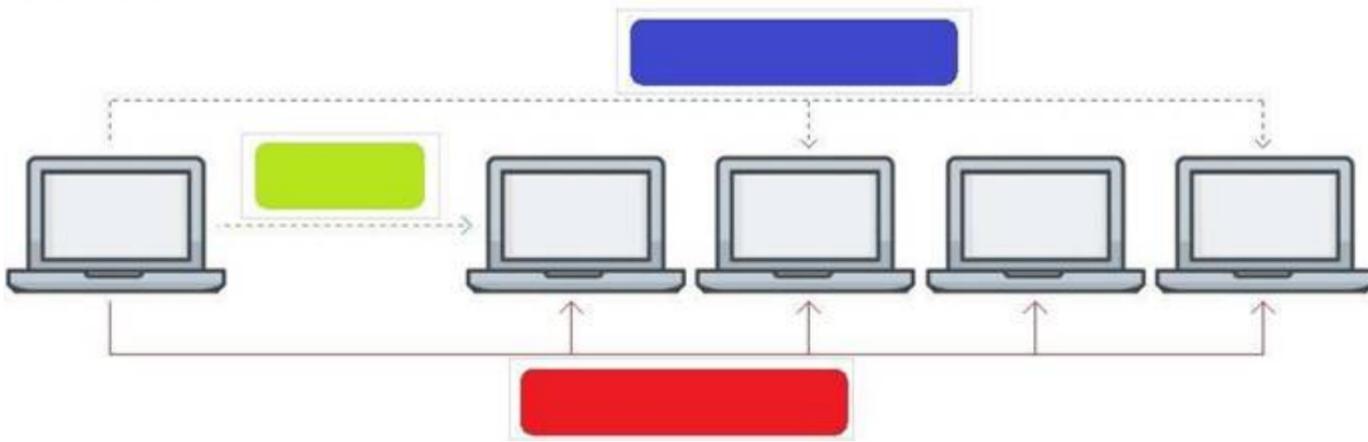
## **Exam Questions HPE6-A72**

Aruba Certified Switching Associate Exam

**NEW QUESTION 1**

Click on the colored box that corresponds with the line that best represents Multicast traffic flow.

**Answer Area**



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Diagram Description automatically generated  
 Blue Box

**NEW QUESTION 2**

Match the term to the correct description.

Term	Description
BGP	used for creating backup routes by implementing a higher administrative distance
Floating Static Routes	a distance vector protocol
OSPFv2	an ipv4 link-state routing protocol that runs within an Autonomous System
OSPFv3	used to route traffic between Autonomous Systems
RIPv2	a routing protocol capable of routing IPv6 packets

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Term	Description
BGP	used for creating backup routes by implementing a higher administrative distance
Floating Static Routes	a distance vector protocol
OSPFv2	an ipv4 link-state routing protocol that runs within an Autonomous System
OSPFv3	used to route traffic between Autonomous Systems
RIPv2	a routing protocol capable of routing IPv6 packets

**NEW QUESTION 3**

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 4**

The customer has 778 developers testing computer games on the network. Which two actions resolve Broadcast storms? (Choose two.)

- A. Manually disable the redundant link to immediately resolve the impacted portion of the network.
- B. Utilize Spanning Tree to dynamically disable all redundant links in a segment.
- C. Setting switch ports to half-duplex will resolve Broadcast storms using Carrier Sense Multiple-Access Collision Detection (CSMA/CD).
- D. Enable single Area Open Shortest Path First (OSPF) on all Layer 2 switches, but do not enable routing.
- E. Utilize Spanning Tree to dynamically block Designated ports in addition to Alternate ports.

**Answer:** AB

**NEW QUESTION 5**

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 6**

What is the login and password combination is used when first configuring an Aruba OS-CX switch from factory defaults?

- A. Login admin and password field empty.
- B. Login admin and password forgetme!
- C. Login admin and password password.

**Answer:** B

**NEW QUESTION 7**

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 8**

Match the switching term to the correct definition.

<b>Term</b>	<b>Definition</b>
Broadcast Domain	
Collision Domain	
CSMA/CD	
Forwarding Table	

<ul style="list-style-type: none"> <li>defines the group of devices that are on the same network segment that are capable of receiving and responding to frames destined to FF:FF:FF:FF:FF:FF</li> <li>the FIB used by switches matching known-source mac-addresses to the layer one port they are learned on</li> <li>the mechanism used by Compute NICs and Switchports operating in half-duplex to detect and recover from frame collisions</li> <li>the segment of a network connected by a shared medium, such as a hub, that is affected when two or more frames are sent at the same time</li> </ul>
---

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Term**

- Broadcast Domain
- Collision Domain
- CSMA/CD
- Forwarding Table

**Definition**

- Broadcast Domain
- Forwarding Table
- CSMA/CD
- Collision Domain

defines the group of devices that are on the same network segment that are capable of receiving and responding to frames destined to FF:FF:FF:FF:FF:FF

the FIB used by switches matching known-source mac-addresses to the layer one port they are learned on

the mechanism used by Compute NICs and Switchports operating in half-duplex to detect and recover from frame collisions

the segment of a network connected by a shared medium, such as a hub, that is affected when two or more frames are sent at the same time

**NEW QUESTION 9**

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**

**Order**

- Application Layer
- Data Link Layer
- Network Layer
- Physical Layer
- Presentation Layer
- Session Layer
- Transport Layer



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Graphical user interface, application Description automatically generated

**NEW QUESTION 10**

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

**Stacking Feature**

**Answer Area**

- VSF
- VSX

Stacking Feature	AOS-CX Switch Model
<input style="width: 100px; height: 20px;" type="text"/>	6300M
<input style="width: 100px; height: 20px;" type="text"/>	6300F
<input style="width: 100px; height: 20px;" type="text"/>	8320
<input style="width: 100px; height: 20px;" type="text"/>	8400
<input style="width: 100px; height: 20px;" type="text"/>	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 10

Which two statements accurately describe the features of NetEdit? (Choose two.)

- A. NetEdit can be used to configure and validate any third-party device that supports SSH and REST access.
- B. NetEdit includes trial licensing for up to 10 nodes.
- C. NetEdit can perform configuration and compliance validation.
- D. NetEdit supports viewing and editing multiple devices using a single deployment plan.
- E. NetEdit can run on a mobile device using Android or Apple IOS.

Answer: CD

#### NEW QUESTION 13

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 15

Which command can be used to find the serial number of an Aruba OS-CX switch?

- A. The command inventory
- B. The command version
- C. The command show running-configuration
- D. The command show system

Answer: D

#### NEW QUESTION 19

Refer to the exhibit.

```
SW1# show vlan
```

VLAN	Name	Status	Reason	Type	Interfaces
1	DEFAULT_VLAN_1	up	ok	default	<output omitted>
10	Engineering	up	ok	static	1/1/1-1/1/7
20	Guest	up	ok	static	1/1/11-1/1/14

The above command was applied to an Aruba AOS-CX 6300M 24-port switch with 4-port SFP56 uplinks. All ports are set as access switchports. Which ports carry VLAN 1 traffic?

- A. 1/1/8, 1/1/10, 1/1/5-1/1/24
- B. 1/1/1-1/1/28
- C. 1/1/1-1/1/24
- D. 1/1/8-1/1/10, 1/1/5-1/1/28

Answer: D

#### NEW QUESTION 21

Refer to the exhibit.

```

-----
Port          Type          Product
Number      Serial
Number      Part
Number
-----
1/1/1        SFP+DAC1      J9281D      CN95KBZ00X  8121-1300
1/1/2        SFP+DAC1      J9281D      CN95KBZ086  8121-1300
1/1/5        SFP-BT        J8177D      CN96KK232S  1990-4640
1/1/7        SFP-BT        J8177D      CN96KK20R2  1990-4640
1/1/8        SFP-BT        J8177D      CN96KK232F  1990-4640
1/1/25       SFP28DAC3     JL488A      CN97KBG0BJ  8121-1743
1/1/26       SFP28DAC3     JL488A      CN97KBG057  8121-1743
1/1/45       SFP28DAC3     JL488A      CN97KBG0CW  8121-1743
1/1/46       SFP28DAC3     JL488A      CN97KBG0CX  8121-1743
1/1/47       SFP28DAC3     JL488A      CN97KBG0D6  8121-1743
1/1/48       SFP28DAC3     JL488A      CN97KBG038  8121-1743
Core - 1#
  
```

What command (output shown above) gives the optics serial number and part number information?

- A. show interface physical
- B. show interface transceiver
- C. show inventory
- D. show interface optics

**Answer: B**

**NEW QUESTION 24**

Refer to the exhibit.

```

-----
VLAN  Name          Mode          Mapping
-----
1     DEFAULT_VLAN_1  native-untagged  port
10    Sales          trunk          port
20    Service        trunk          port
30    Customer       trunk          port
  
```

Which command produces the above output?

- A. show interface port 1/1/10 trunk
- B. show vlan port 1/1/10
- C. show trunk port 1/1/10 extended
- D. show interface port 1/1/10 switchport

**Answer: C**

**NEW QUESTION 28**

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 32

What are two primary concerns regarding layer two loops in a redundant topology? (Choose two.)

- A. routing loops
- B. costs associated with upgrading from copper to fiber
- C. multiple frame copies leading to instability of the MAC address table
- D. security issues with a redundant loop indicating to hackers that a back-door exists
- E. broadcast storms

**Answer:** CD

#### NEW QUESTION 36

Which switch supports a maximum of 8 line-cards, 3 fabric modules, and 2 management cards?

- A. Aruba 8400
- B. Aruba 8408
- C. Aruba 6410
- D. Aruba 5412r

**Answer:** A

#### NEW QUESTION 41

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 42

What are the commands to disable SSH and HTTPS services from the default VRF?

- A. Core-1(config)# no ssh server Core-1(config)# no https-server
- B. Core-1# no ssh server vrf default Core-1# no https-server vrf default
- C. Core-1(config)# no ssh server enable Core-1(config)# no https-server enable
- D. Core-1(config)# no ssh server vrf default Core-1(config)# no https-server vrf default

**Answer:** D

#### NEW QUESTION 47

```
Core(config)# user admin password
```

```
Core(config)# interface mgmt
```

```
Core(config-if-mgmt)# ip static 10.254.16.89/22
```

```
Core(config-if-mgmt)# default-gateway 10.254.19.129
```

```
Core(config)# ssh server vrf mgmt
```

```
Core(config)# https-server vrf mgmt
```

You are tasked with configuring the Core switch to be managed by NetEdit. Currently, the Core switch is at factory-default settings.

Which two steps are missing? (Choose two.)

- A. Core(config)# https-server rest access-mode read-write
- B. Core(config-if-mgmt)# no shutdown
- C. Core(config-if-mgmt)# no tftp-server
- D. Core(config-if-mgmt)# enable
- E. Core(config)# https-server rest access-mode read-only

**Answer:** AB

#### NEW QUESTION 52

Refer to the exhibit.

```

Mstr
+----+ +----+
| 2 |1==1| 1 |
+----+ +----+

Access-1(config)#
    
```

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 54**

Your customer has 349 users in a two-story building. What are two benefits of a 2-Tier design? (Choose two.)

- A. Layer 2 and Layer 3 protocols run close to the endpoints to better implement ACL and QoS policy at the edge.
- B. Improved performance by offloading processing from the Access layer to the Core.
- C. Use of layer 2 switches at the access layer can process and route traffic from attached APs.
- D. Support for WAN/MPLS, Internet, and Data Center directly on the Collapsed core.
- E. Provides a more cost effective solution given that no additional switches are required for a third tier.

Answer: AE

**NEW QUESTION 59**

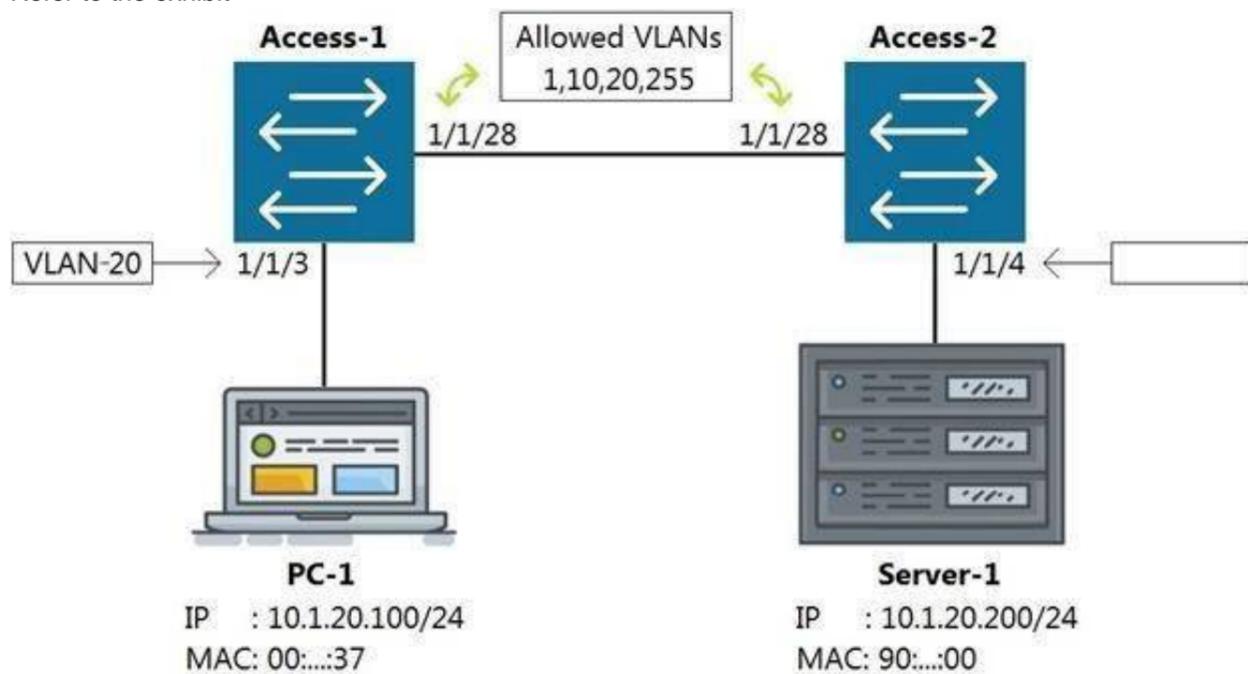
What is a benefit of choosing a 3-Tier design with routing at the Aggregation layer?

- 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 63**

Refer to the exhibit



Which command on Access-2 port 1/1/4 will enable connectivity between PC-1 and Server-1 without any routing enabled in the network?

- A. Access-2 (config-if-1/1/4)# vlan access 1, 10, 20, 255
- B. Access-2 (config-if-1/1/4)# vlan access 20
- C. Access-2 (config-if-1/1/4)# vlan 20 untag 1/1/4
- D. Access-2 (config-if-1/1/4)# vlan trunk allow 1, 10, 255

Answer: B

**NEW QUESTION 65**

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.)

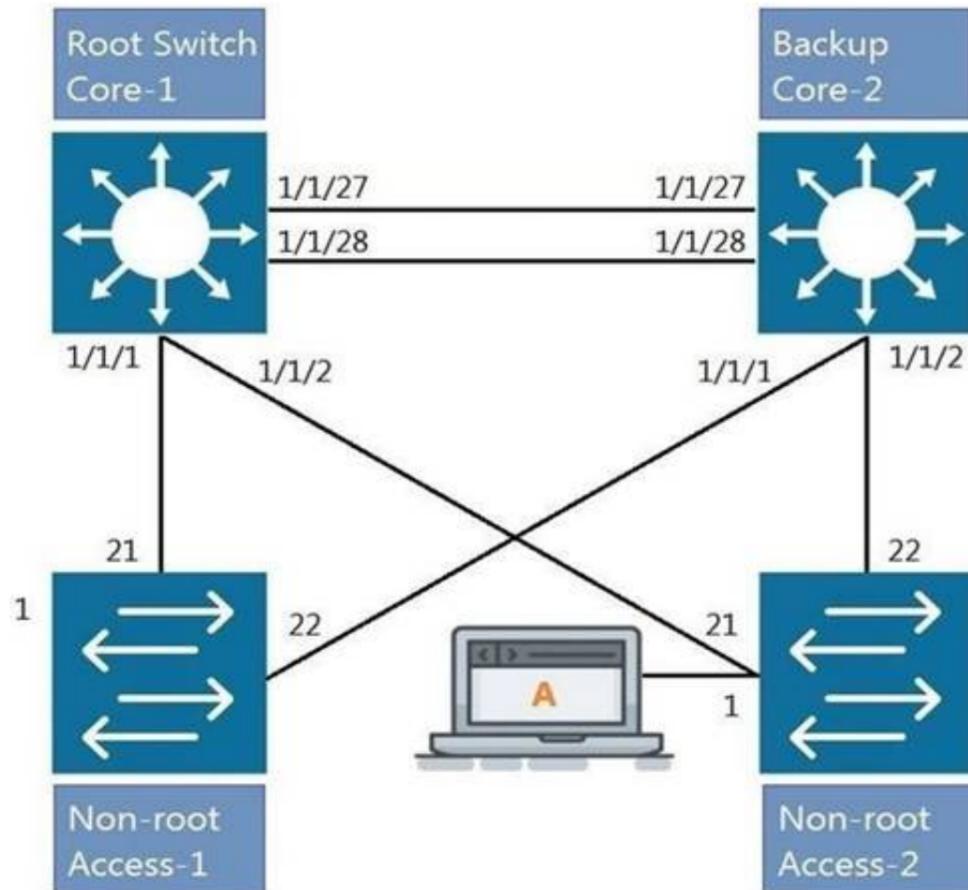
- A. Management interface split detection
- B. Peer switch-based detection

- C. Loopback keepalives
- D. ARP-based
- E. BFD

Answer: AD

**NEW QUESTION 69**

Refer to the exhibit.



All four switches in the diagram have been configured with the region name "Aruba1". What two other MSTP configurations must match for switches within the same MST region? (Choose two.)

- A. MST region type
- B. MST Bridge ID
- C. MST version number
- D. MST revision number
- E. MST VLAN to instance mapping

Answer: DE

**NEW QUESTION 73**

Refer to the exhibit.



The Aruba 8400 in the exhibit is member 2 of a VSX 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 78**

Refer to the exhibit

```
Access-1(config)# show vlan
```

VLAN	Name	Status	Reason	Type	Interfaces
1	DEFAULT_VLAN_1	up	ok	default	1/1/1-1/1/28
50	Engineering	down	no_member_port	static	

What is true regarding VLAN 50 according to the diagram above?

- A. VLAN 50 is part of a switched virtual interface (SVI) that was never routed causing it to be down.
- B. Since VLAN 50 has not been assigned to any enabled physical port, the status is down.
- C. VLAN 50 is assigned only to Trunk ports which is why no ports are listed under interfaces.
- D. VLAN 50 was never added to the vlan-database and therefore is in a down state.

**Answer:** B

**NEW QUESTION 82**

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 87**

Which network category applies to a SOHO internal network?

- A. SD-WAN
- B. LAN
- C. WAN
- D. Internet

**Answer:** D

**NEW QUESTION 91**

What command will save your configuration on an Aruba AOS-CX switch so that your changes automatically load on next reboot?

- A. copy running-config checkpoint startup-config
- B. copy startup-config running-config
- C. copy running-config initial-checkpoint
- D. copy running-config default

**Answer:** A

**NEW QUESTION 96**

What is Deep Packet Inspection?

- A. a machine learning method of packet inspection for the purpose of choosing which dynamic routing protocol to automatically assign
- B. a concept that applies to firewalls, when examining packets only up through Layer 4
- C. a function of Policy Based Routing that examines the entire IPv4 header to forward traffic based on factors other than destination address
- D. a firewall process of examining the packet header all the way to Layer 7 in order to determine if the packet should be permitted or denied

**Answer:** D

**NEW QUESTION 98**

Refer to the exhibit.

T11-Access-2# show lldp configuration

LLDP Global Configuration

=====

```
LLDP Enabled           : Yes
LLDP Transmit Interval : 30
LLDP Hold Time Multiplier : 4
LLDP Transmit Delay Interval : 2
LLDP Reinit Time Interval : 2
```

TLVs Advertised

=====

```
Management Address
Port Description
Port VLAN-ID
System Capabilities
System Description
System Name
OUI
```

LLDP Port Configuration

=====

PORT	TX-ENABLED	RX-ENABLED
1/1/1	Yes	Yes
1/1/2	Yes	Yes
<--- output omitted --->		
1/1/27	Yes	Yes
1/1/28	Yes	Yes

What configuration is needed in order for "show LLDP configuration" to show this output?

- A. none; LLDP is enabled by default on Aruba switches
- B. configuring LLDP both globally and on the interfaces
- C. enabling LLDP on the interfaces only
- D. configuring LLDP globally only

**Answer: A**

**NEW QUESTION 99**

Which two options are the Layer 3 Routing protocols? (Choose two.)

- A. BGP
- B. LLDP
- C. OSPF
- D. MPLS
- E. 802.3ad

**Answer: AC**

**NEW QUESTION 103**

What are the benefits of a 3-Tier design over a 2-Tier? (Choose two.)

- A. Offloading processing from the Core without routing at the Access layer.
- B. Can use lower speed links between Core to Aggregation and Aggregation to Access given the use of an Aggregation layer.
- C. Lowering the cost of a deployment due to needing less switches overall.
- D. Better scalability in a campus with a large number of buildings.
- E. Gaining the flexibility to connect the Data-Center to any Access layer switch.

**Answer: AD**

**NEW QUESTION 105**

Which two statements accurately describe stacking with Aruba switches? (Choose two.)

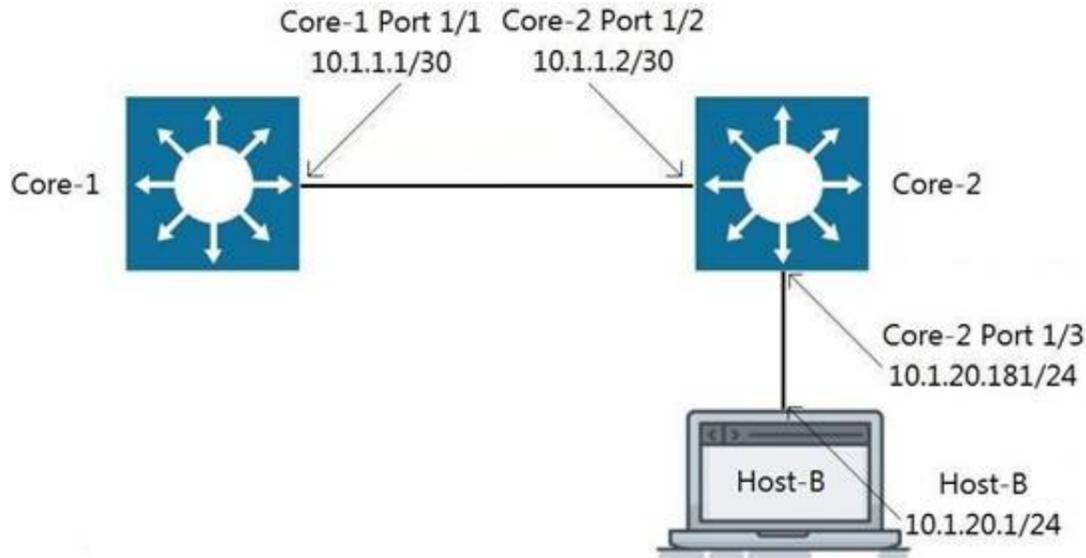
- A. A VSF stack is allowed between an AOS-CX 6300M and 6300F switches.
- B. VSF is a core or aggregation layer stacking technology due to the high resiliency of sharing a single control plane.
- C. The VSF feature is not compatible between AOS-CX and AOS platforms.
- D. A VSF stack is allowed between an AOS 5400R and an AOS-CX 6400.

E. VSF and VSX are stacking option with the AOS-CX 8320, 8325, 8400, and 6400 models.

Answer: BE

**NEW QUESTION 106**

Refer to the exhibit.



Traffic is failing between Core-1 and Host-B. IP addressing has correctly been applied, and all interfaces are attached to the vrf GREEN. Which configuration will correct the issue?

- A. Core-2(config)# ip route 0.0.0.0/0 10.1.1.1 vrf GREEN Host-B: assign the default-gateway address 10.1.20.181
- B. Core-1(config)# ip route 10.1.20.0/24 10.1.1.2 vrf GREEN Host-B: assign the default-gateway address 10.1.20.181
- C. Core-1(config)# ip route 10.1.20.0/24 10.1.1.2 vrf GREEN Host-B: assign the default-gateway address 10.1.20.1
- D. Host-B: assign the default-gateway address 10.1.20.181

Answer: B

**NEW QUESTION 109**

Match each network protocol to the correct server listening port. Not all answers will be used.

**Server Listening Port**

- 20,21
- 22
- 23
- 67
- 68
- 80
- 443

**Protocol**

- 
- 
- 
- 
- 

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Diagram Description automatically generated

**NEW QUESTION 113**

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