

## Exam Questions HPE6-A72

Aruba Certified Switching Associate Exam

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NEW QUESTION 1

Refer to the exhibit.

```
Access-1(config-if)# show run int 1/1/1
interface 1/1/1
  no shutdown
  no routing
  vlan trunk native 1
  vlan trunk allowed all
  exit
Access-1(config-if)# vlan 100
Access-1(config-vlan-100)# exit
Access-1(config)#
```

What commands will successfully enable the SVI for vlan 100 on interface 1/1/1 to produce the results displayed in the command show ip interface brief in the exhibit below?

```
Access-1(config)# show ip interface brief
Interface                IP Address                Interface Status
link/admin
1/1/2                    No Address                down/down
1/1/3                    No Address                down/down
1/1/4                    No Address                down/down
1/1/5                    No Address                down/down
Vlan100                  10.1.1.1/24              up/up
```

- A. Access-1(config)# interface 1/1/1 Access-1(config-if)# routingAccess-1(config-if)# interface vlan 100Access-1(config-if-vlan)# ip address 10.1.1.1/24
- B. Access-1(config)# interface 1/1/1Access-1(config-if)# vlan trunk permit vlan 100 Access-1(config-if)# interface vlan 100Access-1(config-if-vlan)# ip address static 10.1.1.1/24
- C. Access-1(config)# interface vlan 100Access-1(config-if-vlan)# ip address 10.1.1.1/24
- D. Access-1(config-if)# vlan 100Access-1(config-vlan)# ip address 10.1.1.1/24

Answer: C

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

### NEW QUESTION 3

What is an available command on an Aruba AOS-CX switch that would back up the secondary image to a secure remote repository?

- A. backup secondary sftp://admin@10.1.1.21/GL.10.04.0003.swi
- B. copy secondary sftp://admin@10.1.1.21/GL.10.04.0003.swi
- C. copy sftp://admin@10.1.1.21/GL.10.04.0003.swi secondary
- D. copy secondary tftp://admin@10.1.1.21/GL.10.04.0003.swi

Answer: B

### NEW QUESTION 4

What is true about VSX? (Choose two.)

- A. VSX is ideal for Campus access layer deployments where ease of deployment is needed.
- B. VSX allows upgrading members with near zero downtime or loss of packets.
- C. VSX is available on all Aruba OS-CX switches except the 6300F model.
- D. VSX is implemented on static port switch
- E. VSX-plus needed to stack chassis together.
- F. VSX run separate control planes to reduce latency and improve performance.

Answer: BE

### 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

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

Stacking Feature	Answer Area
	Stacking Feature      AOS-CX Switch Model
VSF	<input type="text"/> 6300M
VSX	<input type="text"/> 6300F
	<input type="text"/> 8320
	<input type="text"/> 8400
	<input type="text"/> 6400

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Stacking Feature	Answer Area
VSF	Stacking Feature
VSX	AOS-CX Switch Model
	VSF 6300M
	VSF 6300F
	VSX 8320
	VSX 8400
	VSX 6400

#### NEW QUESTION 7

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 8

Refer to the exhibit.

```
Core-1# show interface mgmt
  Address Mode           : static
  Admin State            : up
  Mac Address            : 90:20:c2:bc:8e:01
  IPv4 address/subnet-mask : 10.1.1.1/24
  Default gateway IPv4    : 10.1.1.254
  IPv6 address/prefix     :
  IPv6 link local address/prefix:
  Default gateway IPv6    :
  Primary Nameserver      : 10.254.1.21
  Secondary Nameserver    :
Core-1# ping 10.1.1.254
connect: Network is unreachable
Core-1#
```

What change on Core-1 will result in a successful ping to 10.1.1.254 from the management interface?

- A. Use the command ping 10.1.1.254 vrf mgmt
- B. Use the command ping 10.1.1.254/24
- C. Change the Core-1 management address to 10.1.1.1/25 first
- D. The destination 10.1.1.254 requires configuring a static route

Answer: A

#### NEW QUESTION 9

What are two features of the three-tier designs? (Choose two.)

- A. removes the distribution layer in favor of a spine-leaf design used in modern data center deployments
- B. adds a distribution layer to free up resources from the Core for improved performance and routing throughput
- C. a more scalable design over by leveraging a distribution layer to handle Layer 3 routing and access control in large deployments
- D. uses only Layer 2 access on the Access and the Core with Layer 3 routing and access control provided at the distribution layer
- E. is considered legacy by requiring a large flat layer-two broadcast domain from Core to Access and should be avoided

Answer: BC

#### NEW QUESTION 10

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 10

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

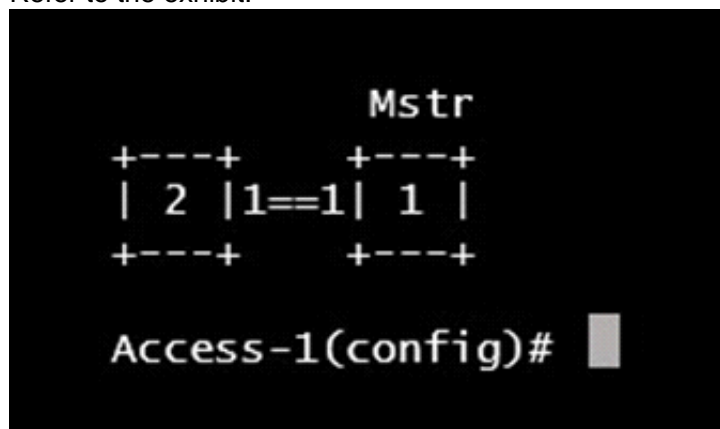
You are tasked with configuring the Core switch to be managed by NetEdit. Currently, the Core switch is at factory-default settings. Which two steps are missing? (Choose two.)

- 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 13

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 14

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 19

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 20

What are two features in a 2-Tier design that are implemented at the Access layer? (Choose two.)

- A. VPN access  
B. WAN/MPLS connectivity  
C. Endpoint Access  
D. Deep packet inspection  
E. Power over Ethernet

**Answer:** CE

#### NEW QUESTION 24

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 26

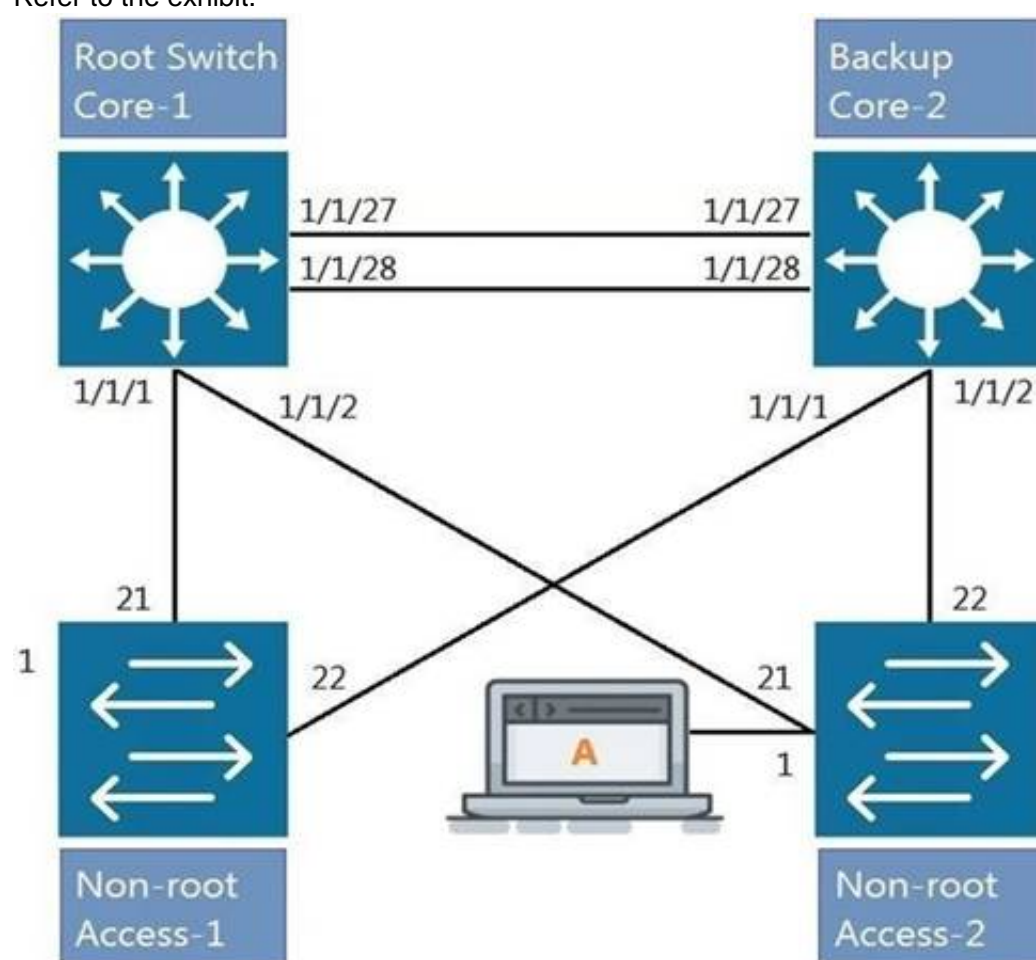
Which statement is correct regarding powering an Aruba Access Point?

- 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 30

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 33

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 36

Which security benefit does SNMPv3 offer that SNMPv2 does not offer?

- A. SSL encryption
- B. Scopes
- C. Data confidentiality

D. RADIUS groups

**Answer:** C

**NEW QUESTION 40**

Core# configure terminal Core(config)# vrf Green Core(config-vrf)# exit Core(config)#

Core(config)# interface vlan 50 Core(config-if-vlan)# ?

Given the configuration on the CORE switch shown above, what command would follow to assign the switched virtual interface (SVI) vlan 50 to the VRF created?

- A. Core(config-if-vlan)# vrf attach Green
- B. Core(config-if-vlan)# ip vpn-instance Green
- C. Core(config-if-vlan)# ip vrf forwarding Green
- D. Core(config-if-vlan)# routing-context Green vrf

**Answer:** A

**NEW QUESTION 43**

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 48**

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 52**

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 53

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 56

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 61

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

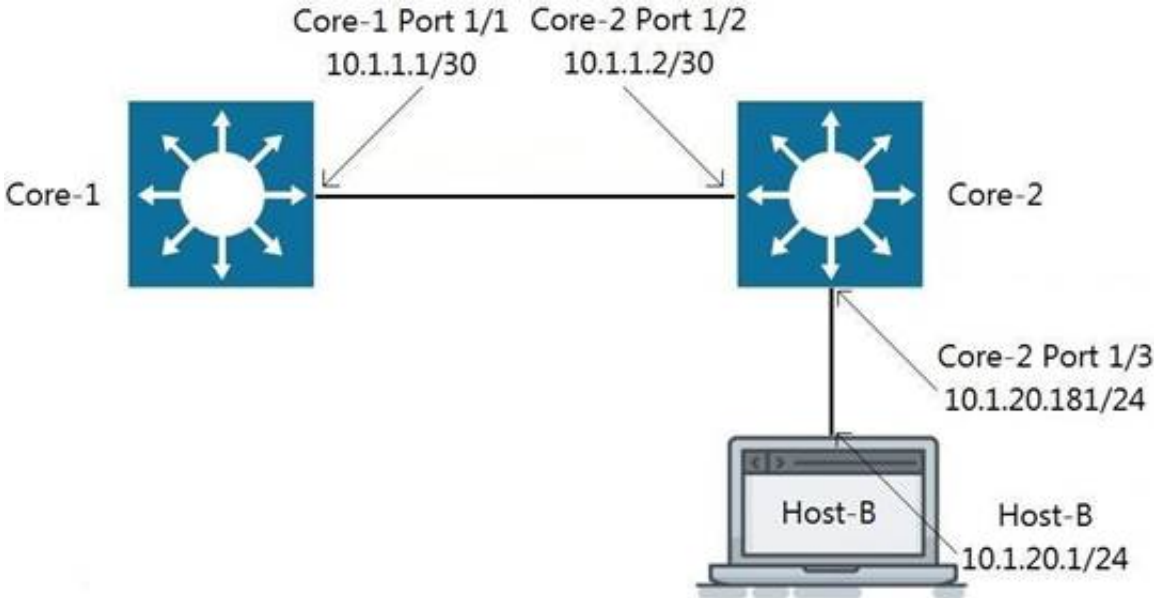


power for the low number of devices needed.  
E. Clients tend to prefer wireless connections, raising the need for PoE port acces  
F. There is also a growing amount of IoT devices that require security and port authentication options.

Answer: D

NEW QUESTION 62

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 65

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

Server Listening Port	Protocol
20,21	DHCP
22	SSH
23	FTP
67	Telnet
68	HTTP
80	
443	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Diagram Description automatically generated

NEW QUESTION 70

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