

## Exam Questions HPE6-A72

Aruba Certified Switching Associate Exam

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**NEW QUESTION 1**

DRAG DROP

Match the switching term to the correct definition.

**Term**

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





**Definition**

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

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

**Term**

- Broadcast Domain
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**Definition**

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**NEW QUESTION 2**

What is the correct description of a Multi- Layer Switch?

- A. a switch with Layer 3 routing capabilities but lacks any Layer 1 features as a consequence
- B. any switch that supports PoE, LLDP-MED and Flow Control
- C. has all the functionality of a Layer 2 switch and most of the functionality of a Layer 3 router
- D. multi-Layer refers specifically to using chassis switches with several line cards over stack port switches

**Answer:** C

**NEW QUESTION 3**

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 switche
- E. VSX-plus needed to stack chassis together.
- F. VSX run separate control planes to reduce latency and improve performance.

**Answer:** BE

**NEW QUESTION 4**

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 5**

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

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

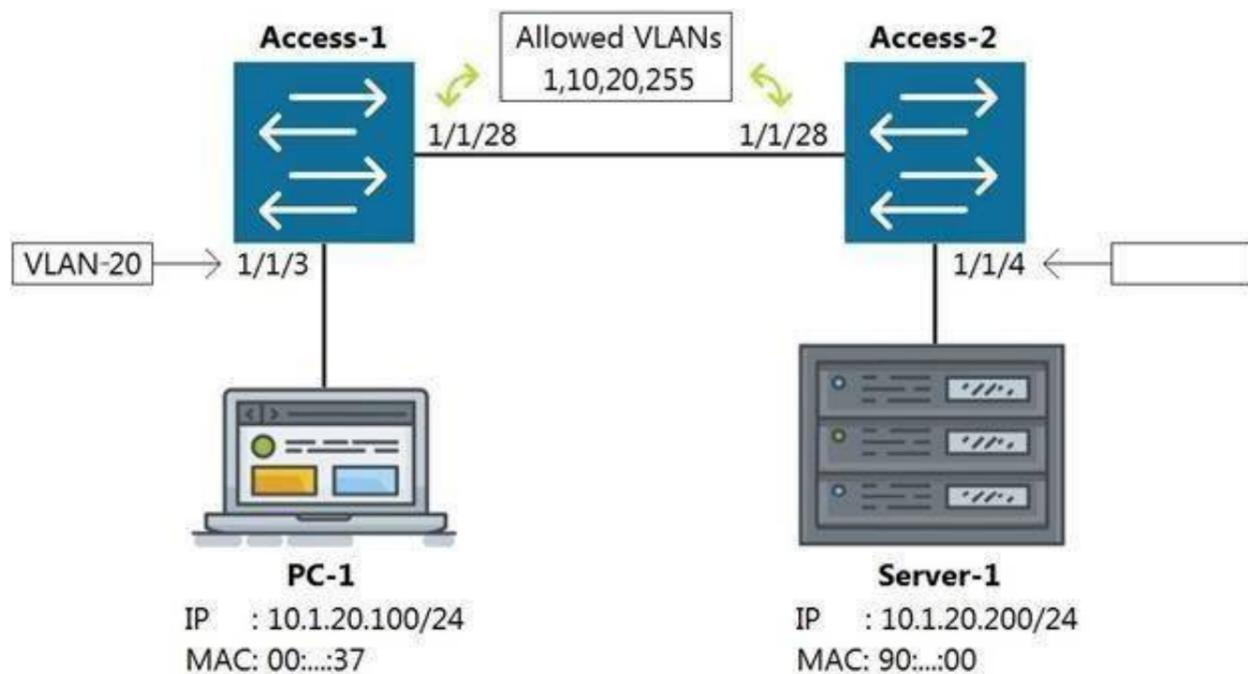
**Answer: AC****NEW QUESTION 6**

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 7**

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 8**

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 9**

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 10**

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 10**

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 14**

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 15**

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 18**

Interface 1/1/1 is up  
 Admin state is up  
 Link transitions: 1  
 Description: TO\_PC-1  
 Hardware: Ethernet, MAC Address: 00:11:22:33:44:55  
 MTU 1500  
 Type 1GbT Full-  
 duplex qos  
 trust none  
 Speed 1000 Mb/s  
 Auto-negotiation is on  
 Flow-control: off  
 Error-control: off  
 MDI mode: MDIX  
 VLAN Mode: access  
 Access VLAN: 1111  
 Which command will produce the above output?

- A. show interface vlan 1111
- B. show interface 1/1/1
- C. show interface gigabit 1/1/1
- D. show vlan 1111

Answer: B

**NEW QUESTION 21**

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_ah_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 26**

Refer to the exhibit.



You are in the process of configuring VSF between Access-1 and Access-2. Access-1 has been configured as the VSF Master. What is a valid configuration for Access-2 to join the VSF stack?

- A. Access-2# configureAccess-2(config)# vsf member 1 Access-2(config)# vsf renumber-to 2 Access-2(vsf-member-1)# link 2 2/1/28 Access-2(vsf-member-1)# exitThis will save the VSF configuration and reboot the switc
- B. Do you want to continue (y/n)? y
- C. Access-2# configureAccess-2(config)# vsf member 2 Access-2(vsf-member-1)# link 2 1/1/28 Access-2(vsf-member-1)# exitThis will save the VSF configuration and reboot the switc
- D. Do you want to continue (y/n)? y
- E. Access-2# configureAccess-2(config)# vsf member 2 Access-2(vsf-member-1)# link 1 1/1/28 Access-2(vsf-member-1)# exitThis will save the VSF configuration and reboot the switch.Do you want to continue (y/n)? y
- F. Access-2# configureAccess-2(config)# vsf member 1 Access-2(vsf-member-1)# link 1 1/1/28 Access-2(vsf-member-1)# exitAccess-2(config)# vsf renumber-to 2This will save the VSF configuration and reboot the switc
- G. Do you want to continue (y/n)? y

Answer: C

**NEW QUESTION 29**

DRAG DROP

Match each description to the correct management tool for Aruba AOS-CX.

Select and Place:

Management Tools	Answer Area	Description
NetEdit	<input type="text"/>	can run as an OVA
Aruba CX Mobile App	<input type="text"/>	requires AOS-CX switches to support HTTPS, SSH, and REST access
	<input type="text"/>	connects to switches via Bluetooth or Wi-Fi
	<input type="text"/>	includes a feature for stacking automation
	<input type="text"/>	supports SNMPv2c to discover third-party devices

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Management Tools	Answer Area	Description
NetEdit	NetEdit	can run as an OVA
Aruba CX Mobile App	NetEdit	requires AOS-CX switches to support HTTPS, SSH, and REST access
	Aruba CX Mobile App	connects to switches via Bluetooth or Wi-Fi
	Aruba CX Mobile App	includes a feature for stacking automation
	NetEdit	supports SNMPv2c to discover third-party devices

**NEW QUESTION 32**

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 34**

DRAG DROP

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 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 port or ports should be allowed through a firewall so that an AOS-CX switch can act as an SNMP Agent?

- A. UDP 1812 and UDP 1813
- B. UDP 161
- C. TCP 443
- D. UDP 162

Answer: B

**NEW QUESTION 42**

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 45**

DRAG DROP

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

**Stacking Feature**

- VSF
- VSX

**Answer Area**

Stacking Feature	AOS-CX Switch Model
<input type="text"/>	6300M
<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**

- VSF
- VSX

**Answer Area**

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

**NEW QUESTION 50**

Which two options are correct regarding the IEEE 802.11ax standard? (Choose two.)

- A. allows transmissions of up to 4.8Gbps
- B. is an emerging satellite connection standard to allow wireless access anywhere in the world
- C. operates only in the 5GHz similar to 802.11ac
- D. operates in both the 2.4GHz and 5GHz radios bands
- E. is the first WLAN standard to no longer use electromagnetic signals to transmit data

**Answer:** AD

**NEW QUESTION 52**

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