



HP

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 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 4

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 5

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 6

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 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. RIPvng

Answer: AC

NEW QUESTION 8

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 9

Refer to the exhibit.

```
Ethernet adapter Ethernet 3:

Connection-specific DNS Suffix . : 
Description . . . . . : Killer E2200 Gigabit Ethernet Controller #2 #2 #2
Physical Address. . . . . : D8-CB-8A-17-8D-ED
DHCP Enabled. . . . . : No
Autoconfiguration Enabled . . . . : Yes
Link-local IPv6 Address . . . . . : fe80::d1ea:377f:5154:9f53%3(Preferred)
IPv4 Address. . . . . : 192.168.1.10(Preferred)
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : 192.168.1.1
```

What is the correct binary conversion of the last two hexadecimal characters of the physical address?

- A. 1101 1000
- B. 1110 1101
- C. 1001 1111 0101 0011
- D. 1000 1101 1110 1101

Answer: B

NEW QUESTION 10

What are two OSPF attributes within the hello messages that must match to successfully establish neighbor relationships? (Choose two.)

- A. Router ID
- B. Priority
- C. Hello and Dead intervals
- D. Area ID
- E. Process ID

Answer: CD

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

Transport Layer

Network Layer

Physical Layer

Data Link Layer

Term

Data Link Layer

Network Layer

Physical Layer

Transport Layer

Frames

Packets

RF Signals

Segments

NEW QUESTION 12

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 16

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 17

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 19

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 23

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 25

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 26

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 28

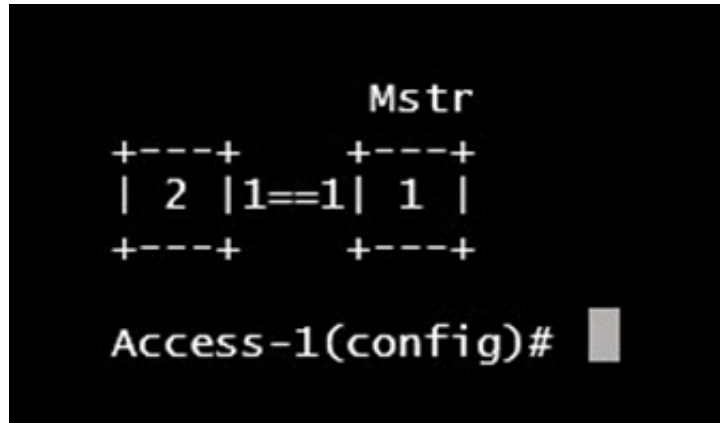
Which command will suppress LLDP messages from egressing on a given port while still allowing LLDP to be enabled on the switch?

- 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 31

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 34

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 39

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 43

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 44

Which two port characteristics must match between LAG interfaces? (Choose two.)

- A. Port number
- B. Duplex
- C. Member ID
- D. Media type
- E. Chassis number

Answer: BD

NEW QUESTION 46

The following command is issued: Switch# checkpoint rollback start What is the result?

- A. The command will fail because rollback commands must be issued from global-config mode.
- B. The switch will revert the running-configuration to the checkpoint called 'start1' without a reboot.
- C. The command will fail because it is incomplete.
- D. The switch will use the checkpoint 'rollback1' as the starting configuration on next reboot.

Answer: B

NEW QUESTION 47

Aruba Access Points tunnel traffic in a campus to the Mobility Controller using which protocol?

- A. Control and Provisioning of Wireless Access Points (CAPWAP)
- B. Generic Routing Encapsulation (GRE)
- C. Lightweight Access Point Protocol (LWAPP)
- D. Process Application Programming Interface (PAPI)

Answer: B

NEW QUESTION 50

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 55

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 58

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 62

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 66

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 71

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 73

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 78

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 81

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 84

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 89

You have completed a successful VSF stack between two switches.

Without manually assigning a backup switch, what is the expected output when issuing a show vsf command?

- A. T1-6300-A# show vsf
<omitted>
Mbr Mac Address type Status ID

1 88:3a:30:a3:e5:40 JL660A Commander
2 88:3a:30:a6:d9:80 JL660A Secondary
- B. T1-6300-A# show vsf
<omitted>
Mbr Mac Address type Status ID

1 88:3a:30:a3:e5:40 JL660A Primary
2 88:3a:30:a6:d9:80 JL660A Secondary
- C. T1-6300-A# show vsf
<omitted>
Mbr Mac Address type Status ID

1 88:3a:30:a3:e5:40 JL660A Master
2 88:3a:30:a6:d9:80 JL660A Member
- D. T1-6300-A# show vsf
<omitted>
Mbr Mac Address type Status ID

1 88:3a:30:a3:e5:40 JL660A Master
2 88:3a:30:a6:d9:80 JL660A Standby

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

Answer: D

NEW QUESTION 91

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