

HPE6-A72 Dumps

Aruba Certified Switching Associate Exam

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NEW QUESTION 1

Refer to the exhibit.

```
Access-1# debug l2mac event
Access-1# debug destination buffer
Access-1# page
```

```
show debug buffer
-----
-----
2020-05-06:22:32:52. 601427|l2mac-mgrd|LOG_DEBUG|AMM|-|L2MAC|L2MAC_EVENT|macmgr_m
ac_manager_handle_mac_event(1311), MAC=00:50:79:66:68:01, VLAN=1, Port=1/1/1 is
trying to be inserted
2020-05-06:22:32:52. 602027|l2mac-mgrd|LOG_DEBUG|AMM|-|L2MAC|L2MAC_EVENT|macmgr_m
ac_manager_handle_mac_event(1328), MAC=00:50:79:66:68:01 was successfully inserted
```

What command will display the debug l2mac events?

- A. show module L2MAC
- B. show debug terminal
- C. show debug buffer module L2MAC
- D. show debug all

Answer: C

NEW QUESTION 2

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
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
```

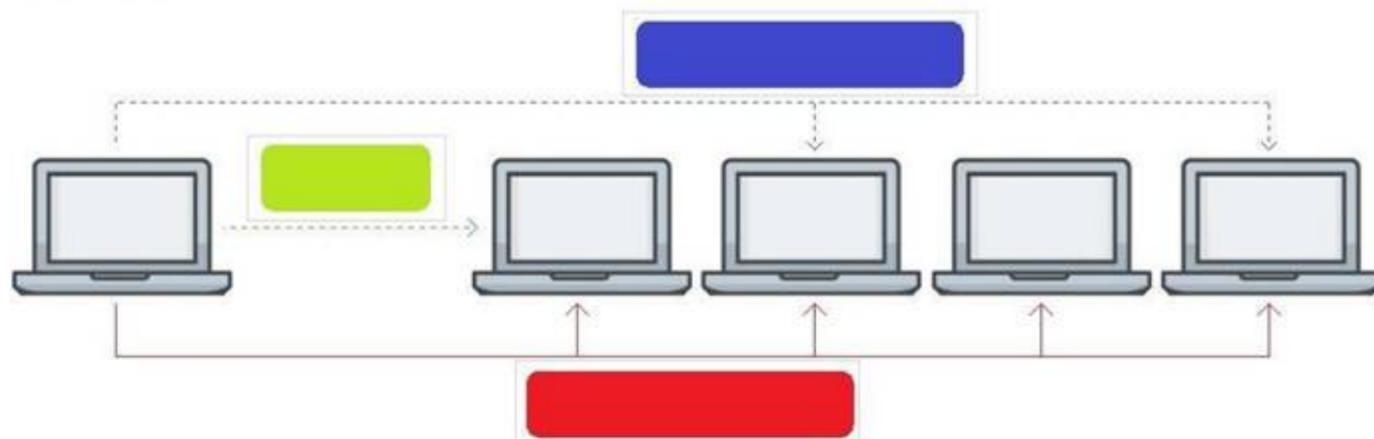
- A. Access-1(config)# interface 1/1/1 Access-1(config-if)# routingAccess-1(config-if)# interface vlan 100Access-1(config-if-vlan)# ip address 10.1.1.1/24
- B. Access-1(config)# interface 1/1/1Access-1(config-if)# vlan trunk permit vlan 100 Access-1(config-if)# interface vlan 100Access-1(config-if-vlan)# 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 3

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 4

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 5

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	FTP	DNS
TCP 23	Telnet	FTP
TCP 53		HTTPS
TCP 443	HTTPS	Telnet
UDP 20, UDP 21		DHCP
UDP 23		
UDP 53	DNS	
UDP 67	DHCP	

NEW QUESTION 6

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 7

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 8

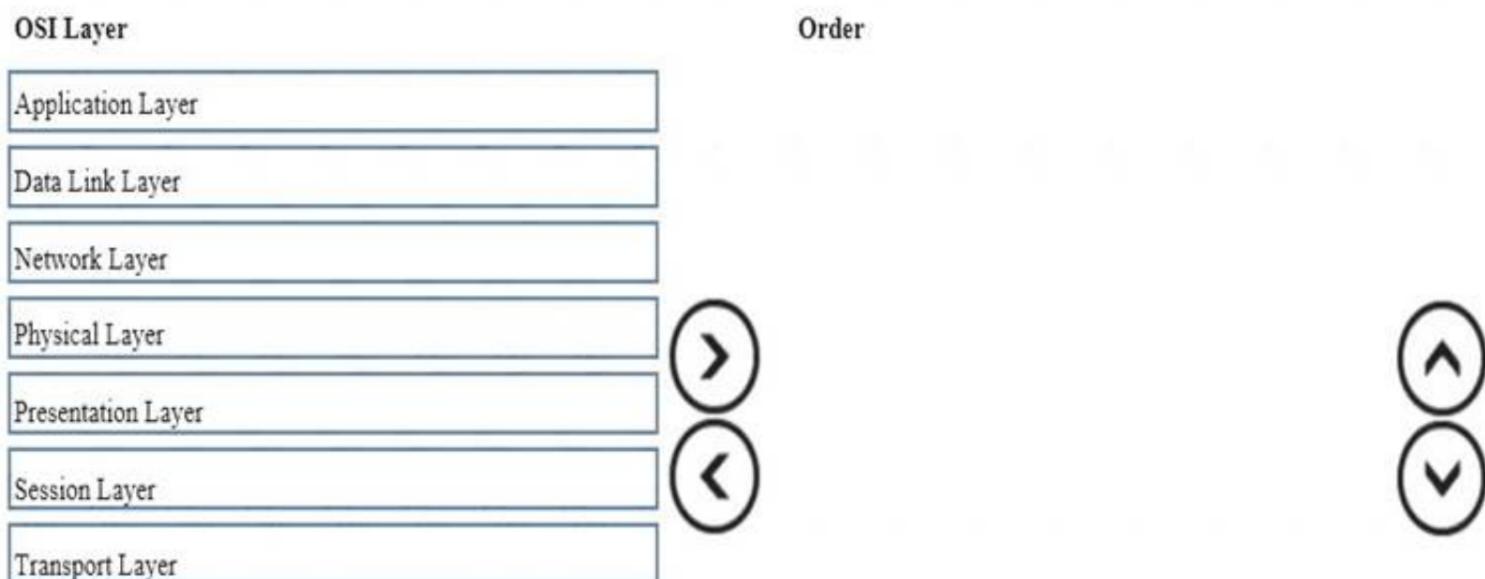
What is the binary conversion of the hexadecimal value 0x2001?

- A. 0010 0001
- B. 0002 0000 0000 0001
- C. 0011 0000 0000 0001
- D. 0010 0000 0000 0001

Answer: D

NEW QUESTION 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.



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

NEW QUESTION 10

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 14

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 17

What are two methods for remotely managing an Aruba AOS-CX switch? (Choose two.)

- A. SNMPv2c
- B. HTTPS
- C. USB-C console
- D. Telnet
- E. SSH

Answer: BE

NEW QUESTION 21

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 26

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 28

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 33

The section in blue can be ignored.

```
SW1(config)# interface 1/1/1-1/1/2
SW1(config-if-<1/1/1-1/1/2)# vlan access 2
SW1(config-if-<1/1/1-1/1/2)# exit
SW1(config)# interface 1/1/11-1/1/17
SW1(config-if-<1/1/11-1/1/17)# vlan access 17
SW1(config-if-<1/1/11-1/1/17)# exit
```

After completing the above commands, what is the expected output of show vlan with no other vlan commanded having been added?

A.

```
SW1# show vlan
```

VLAN	Name	Status	Reason	Type	Interfaces
1	DEFAULT_VLAN_1	up	ok	default	1/1/2
2		up	ok	static	1/1/2
11		up	ok	static	1/1/17
12		up	ok	static	1/1/17
13		up	ok	static	1/1/17
14		up	ok	static	1/1/17
15		up	ok	static	1/1/17
16		up	ok	static	1/1/17
17		up	ok	static	1/1/17

B.

```
SW1# show vlan
```

VLAN	Name	Status	Reason	Type	Interfaces
1	DEFAULT_VLAN_1	up	ok	default	1/1/1-1/1/24
2		up	ok	static	1/1/1-1/1/2
17		up	ok	static	1/1/11-1/1/17

C.

```
SW1# show vlan
```

VLAN	Name	Status	Reason	Type	Interfaces
2	DEFAULT_VLAN_2	up	ok	static	1/1/1-1/1/2
17		up	ok	static	1/1/11-1/1/17

D.

```
SW1# show vlan
```

VLAN	Name	Status	Reason	Type	Interfaces
1	DEFAULT_VLAN_1	up	ok	default	<output omitted>
2		up	ok	static	1/1/1-1/1/2
17		up	ok	static	1/1/11-1/1/17

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

Answer: D

NEW QUESTION 37

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 41

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 43

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 47

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 51

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 53

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)# exit This 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)# exit This will save the VSF configuration and reboot the switc
- F. Do you want to continue (y/n)? y
- G. Access-2# configureAccess-2(config)# vsf member 1 Access-2(vsf-member-1)# link 1 1/1/28 Access-2(vsf-member-1)# exit Access-2(config)# vsf renumber-to

2This will save the VSF configuration and reboot the switc
H. Do you want to continue (y/n)? y

Answer: C

NEW QUESTION 58

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 63

What is the Link Layer Discovery Protocol?

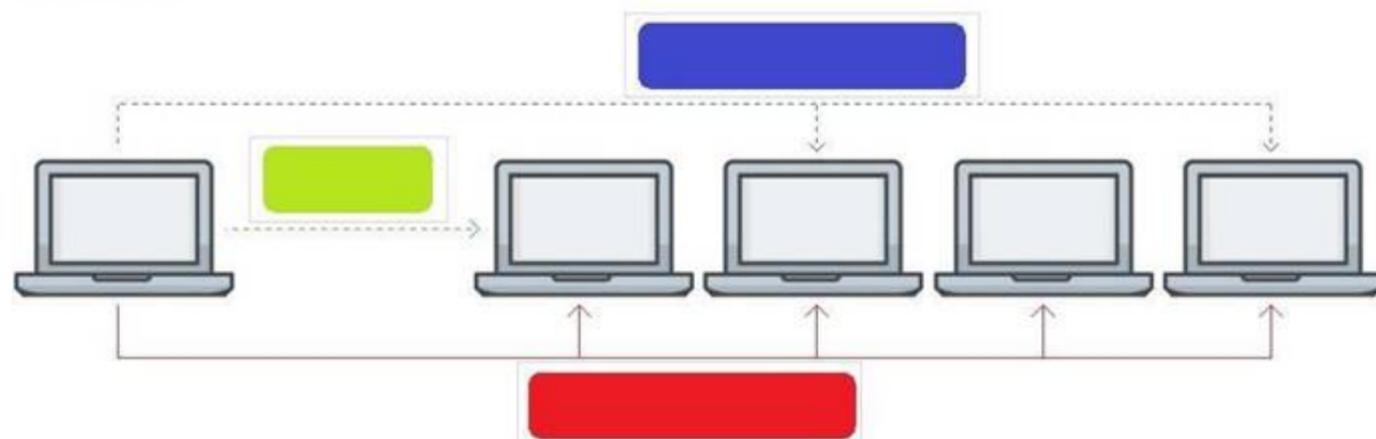
- A. a discovery protocol used between Layer 3 devices to determine routes within a single autonomous system
- B. a standardized IPv6 neighbor discovery protocol used to replace the ARP and broadcast mechanism used in IPv4
- C. a standardized protocol for communicating directly-connected device information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

Answer: C

NEW QUESTION 66

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

Answer Area

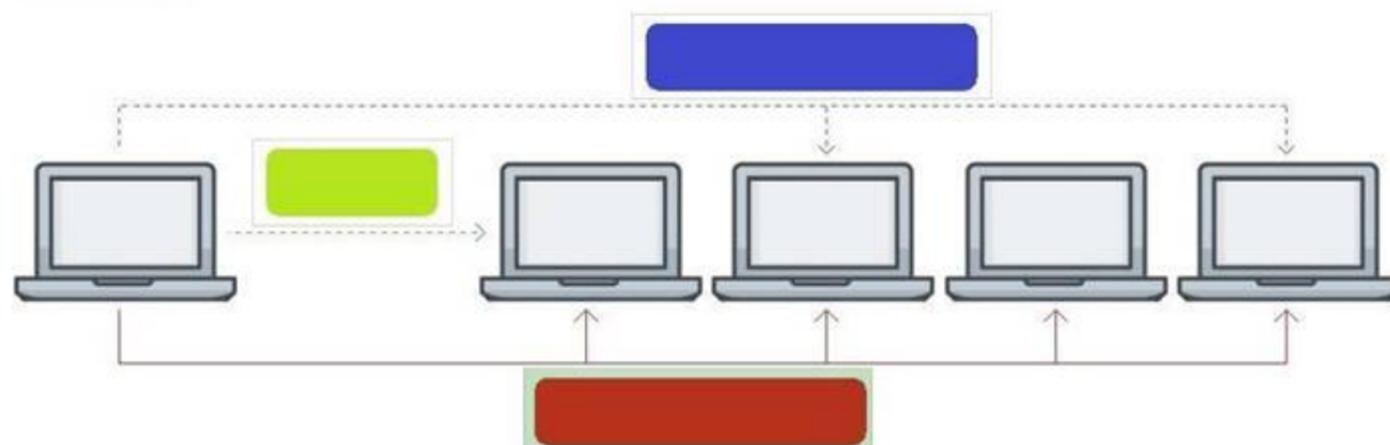


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 68

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 69

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 73

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 75

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 79

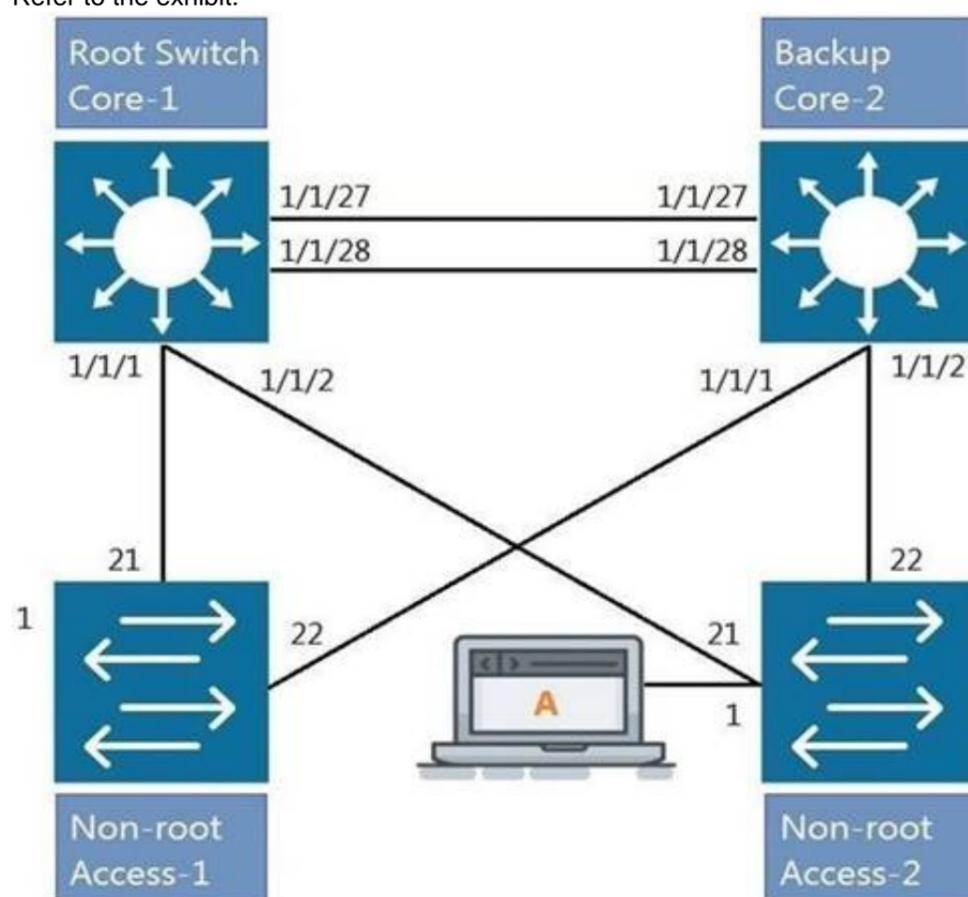
Which statement is correct regarding powering an Aruba Access Point?

- 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 82

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 86

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 87

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 91

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 92

Which network category applies to a SOHO internal network?

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

Answer: D

NEW QUESTION 96

ServiceOS login: admin SVOS> password

Enter password: ***** Confirm password: *****

The login password to access an Aruba AOS-CX was lost. After connecting to the switch console port, a reboot is performed and the Service OS console is accessed as shown above.

What is the default password that is required for the admin account while under the Service OS console?

- A. No password is set for this account.
- B. "password"
- C. "forgetme!"
- D. The same login password that has lost originally.

Answer: C

NEW QUESTION 97

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 98

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 103

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 107

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 112

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 117

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 120

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

Server Listening Port

20,21	<input type="text"/>
22	<input type="text"/>
23	<input type="text"/>
67	<input type="text"/>
68	<input type="text"/>
80	<input type="text"/>
443	<input type="text"/>

Protocol

DHCP
SSH
FTP
Telnet
HTTP

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:
Diagram Description automatically generated

NEW QUESTION 124

.....

Thank You for Trying Our Product

* 100% Pass or Money Back

All our products come with a 90-day Money Back Guarantee.

* One year free update

You can enjoy free update one year. 24x7 online support.

* Trusted by Millions

We currently serve more than 30,000,000 customers.

* Shop Securely

All transactions are protected by VeriSign!

100% Pass Your HPE6-A72 Exam with Our Prep Materials Via below:

<https://www.certleader.com/HPE6-A72-dumps.html>