



HP

Exam Questions HPE6-A72

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

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

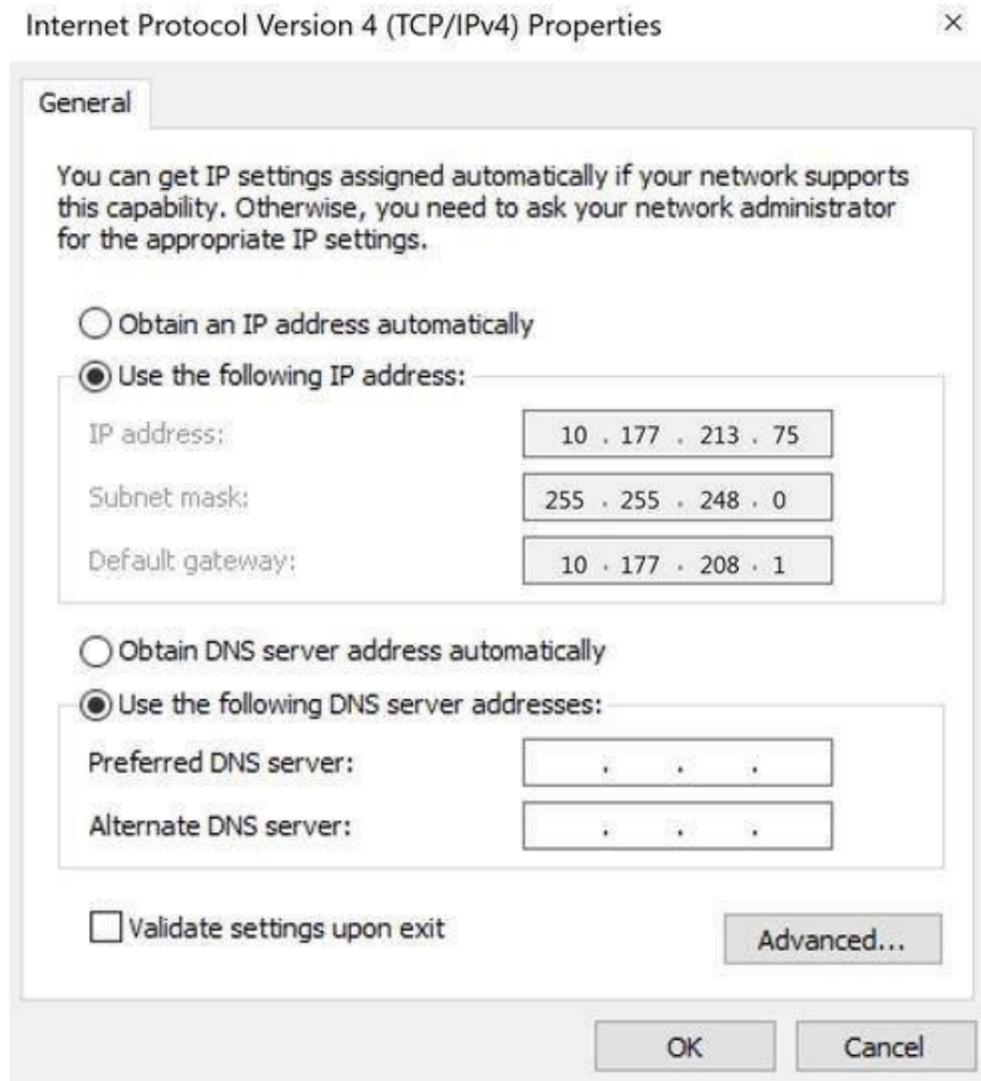
- A. backup secondary sftp://admin@10.1.1.21/GL.10.04.0003.swi
- B. copy secondary sftp://admin@10.1.1.21/GL.10.04.0003.swi
- C. copy sftp://admin@10.1.1.21/GL.10.04.0003.swi secondary

D. copy secondary tftp://admin@10.1.1.21/GL.10.04.0003.swi

Answer: B

NEW QUESTION 4

Refer to the exhibit.



Using the static IP address configured above, what is the converted binary value of the third octet assigned to the local interface?

- A. 11010101
- B. 10110001
- C. 01001011
- D. 11111000

Answer: A

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

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 8

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 9

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 10

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 10

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 12

Which switches support Aruba Virtual Switching Extension (VSX)? (Choose two.)

- A. Aruba 6405
- B. Aruba 2930F
- C. Aruba 8400
- D. Aruba 5406R
- E. Aruba 8350

Answer: AC

NEW QUESTION 16

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#
```

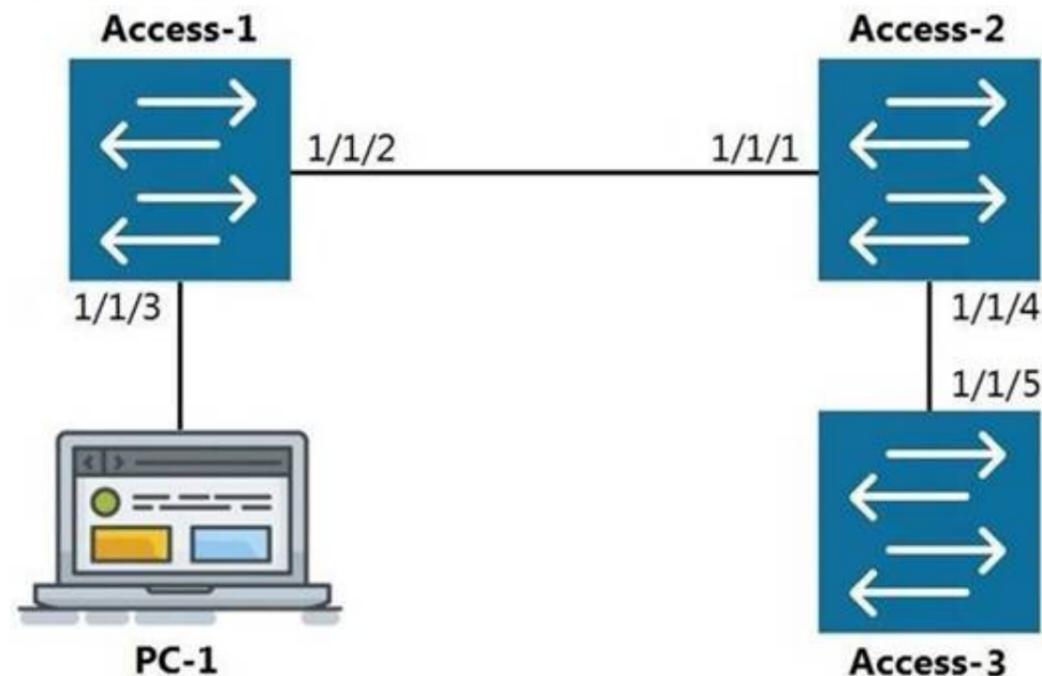
The above output is the result of issuing the command show system resource-utilization. What command should be used to enable terminal output line by line or page by page?

- A. The command page
- B. The command terminal length 30
- C. The command more
- D. The command less

Answer: A

NEW QUESTION 18

Refer to the exhibit.



The command show LLDP neighbor-info gets typed into Access-1. All switches are Aruba OS-CX switches. What is the output of this command?

- A.

| LOCAL-PORT | CHASSIS-ID | PORT-ID | PORT-DESC | TTL | SYS-NAME |
|------------|-------------------|---------|-----------|-----|----------|
| 1/1/1 | 90:20:c2:bc:ed:00 | 1/1/2 | 1/1/2 | 120 | Access-2 |
| 1/1/5 | 90:20:c2:bc:ef:00 | 1/1/2 | 1/1/2 | 120 | Access-3 |
- B.

| LOCAL-PORT | CHASSIS-ID | PORT-ID | PORT-DESC | TTL | SYS-NAME |
|------------|-------------------|---------|-----------|-----|----------|
| 1/1/1 | 90:20:c2:bc:ed:00 | 1/1/2 | 1/1/2 | 120 | Access-2 |
- C.

| LOCAL-PORT | CHASSIS-ID | PORT-ID | PORT-DESC | TTL | SYS-NAME |
|------------|-------------------|---------|-----------|-----|----------|
| 1/1/2 | 90:20:c2:bc:ed:00 | 1/1/1 | 1/1/1 | 120 | Access-2 |
| 1/1/2 | 90:20:c2:bc:ef:00 | 1/1/5 | 1/1/5 | 120 | Access-3 |
- D.

| LOCAL-PORT | CHASSIS-ID | PORT-ID | PORT-DESC | TTL | SYS-NAME |
|------------|-------------------|---------|-----------|-----|----------|
| 1/1/2 | 90:20:c2:bc:ed:00 | 1/1/1 | 1/1/1 | 120 | Access-2 |

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

Answer: D

NEW QUESTION 23

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

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 28

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 32

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 34

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

| 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 38

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 42

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 46

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?

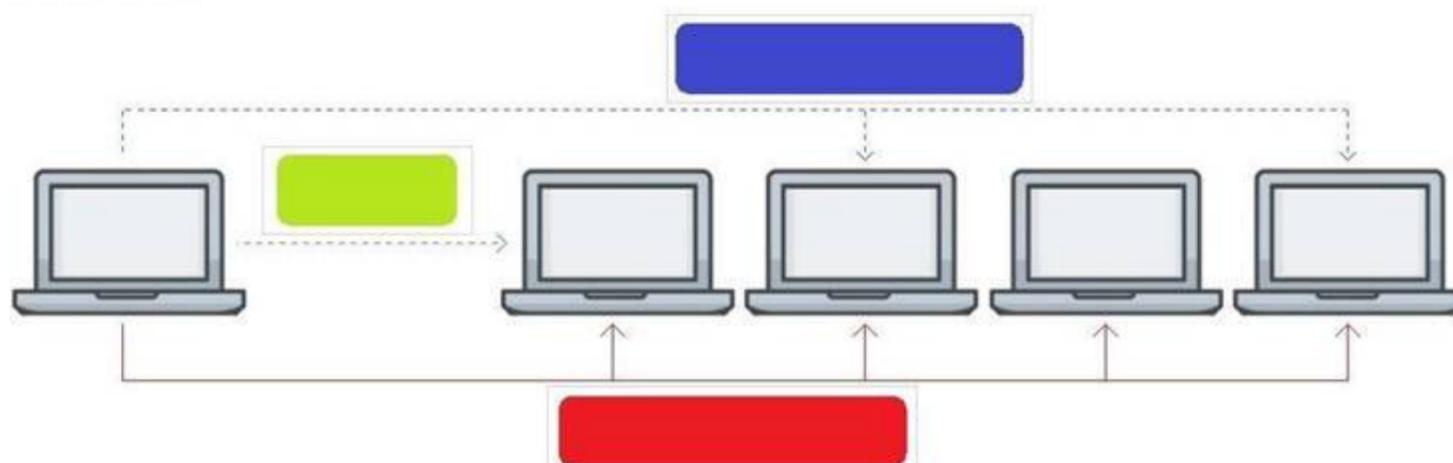
- A. 8400(config)# interface 2/4/15
- B. 8400(config)# interface 1/7/16
- C. 8400(config)# interface 1/4/15
- D. 8400(config)# interface 2/3/17

Answer: A

NEW QUESTION 48

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

Answer Area

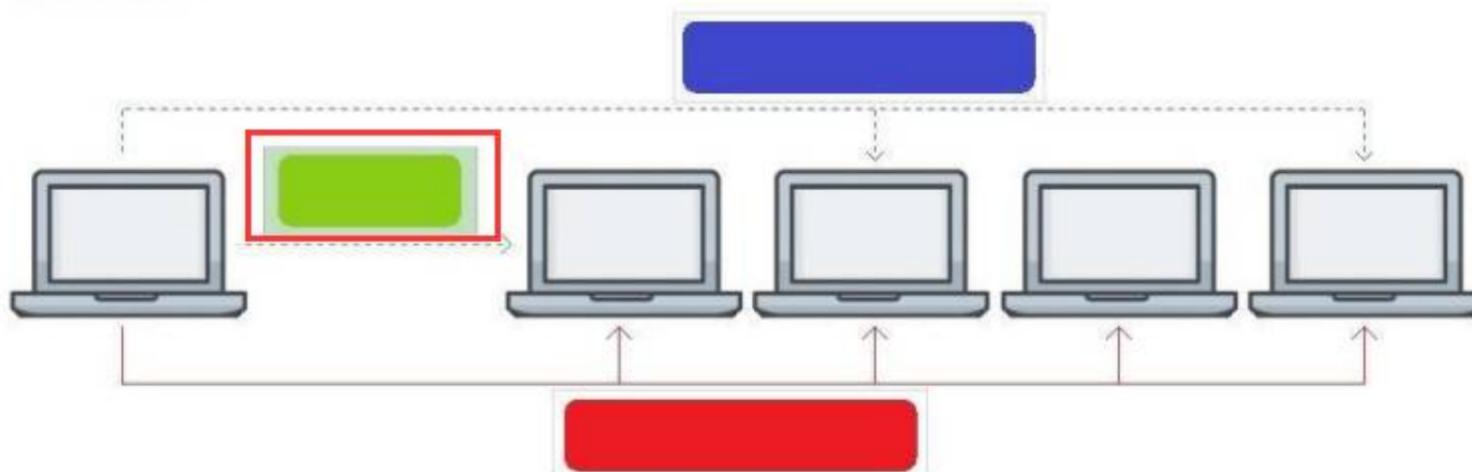


- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area



NEW QUESTION 52

```
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 54

What connectivity commands are available on AOS-CX switches? (Choose two.)

- A. netstatus
- B. traceroute
- C. ping
- D. pathping
- E. tracert

Answer: BC

NEW QUESTION 59

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 64

Which two options are the Layer 2 protocols? (Choose two.)

- A. 802.1Q
- B. IPSec
- C. STP
- D. RIP
- E. 802.11af

Answer: AC

NEW QUESTION 65

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 67

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 70

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 72

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 75

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 78

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