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	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
Refer to the exhibit.

Internet Protocol Version 4 (TCP/IPv4) Properties ✕

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

○ Obtain an IP address automatically

⊙ Use the following IP address:

IP address:	10 . 177 . 213 . 75
Subnet mask:	255 . 255 . 248 . 0
Default gateway:	10 . 177 . 208 . 1

○ Obtain DNS server address automatically

⊙ Use the following DNS server addresses:

| Preferred DNS server: | . . . |
| Alternate DNS server: | . . . |

☐ Validate settings upon exit [Advanced...]

[OK] [Cancel]

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 4
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	☐	DNS
TCP 23	☐	FTP
TCP 53	☐	HTTPS
TCP 443	☐	Telnet
UDP 20, UDP 21	☐	DHCP
UDP 23	☐	
UDP 53	☐	
UDP 67	☐	

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 5
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 6
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 7
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	Definition
Broadcast Domain	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
Forwarding Table	the FIB used by switches matching known-source mac-addresses to the layer one port they are learned on
CSMA/CD	the mechanism used by Compute NICs and Switchports operating in half-duplex to detect and recover from frame collisions
Collision Domain	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

Term list: Broadcast Domain, Collision Domain, CSMA/CD, Forwarding Table

NEW QUESTION 8
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.

OSI Layer / Order

- Application Layer
- Data Link Layer
- Network Layer
- Physical Layer
- Presentation Layer
- Session Layer
- Transport Layer

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, application Description automatically generated

NEW QUESTION 9
Match the available stacking feature to the correct AOS-CX switch model. Stacking features may be used more than once.

Stacking Feature
- VSF
- VSX

Answer Area

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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
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
```
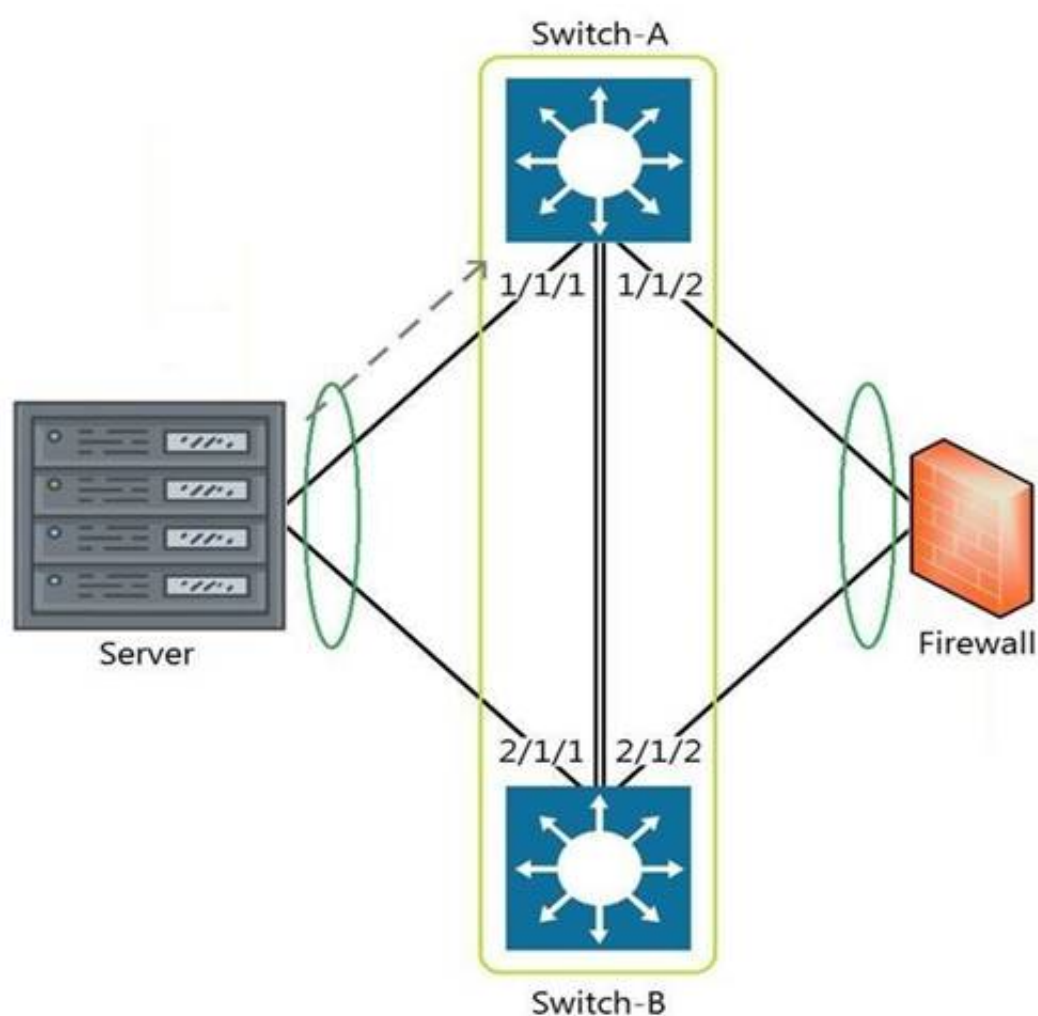
A. Option A
B. Option B
C. Option C
D. Option D

Answer: D

NEW QUESTION 13
Refer to the exhibit.

The above scenario shows a packet from the Server destined for the Firewall. Switch-A and Switch-B are bundled as VSF stack. The LAG between the VSF stack

and the firewall indicates a hash function to forward the packet on port 2/1/2.
Which statement is true regarding how Switch-A will forward the packet?

A. Switch-A will forward the packet on port 1/1/2. VSF will override the typical LAG hash function used for the physical interface selection.
B. Switch-A will drop the packe
C. Multi-Chassis lag to multi-chassis lag is not a supported feature of VSF.
D. Switch-A will encapsulate the packet using GRE to forward to Switch-B in order for the packet to egress on port 2/1/2 per the hash function.
E. Switch-A will forward the packet along the VSF link to Switch-B so that it will egress on port 2/1/2 per the hash function.

Answer: D

NEW QUESTION 18
Match the terms to the correct layer of the OSI model.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 21
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 22
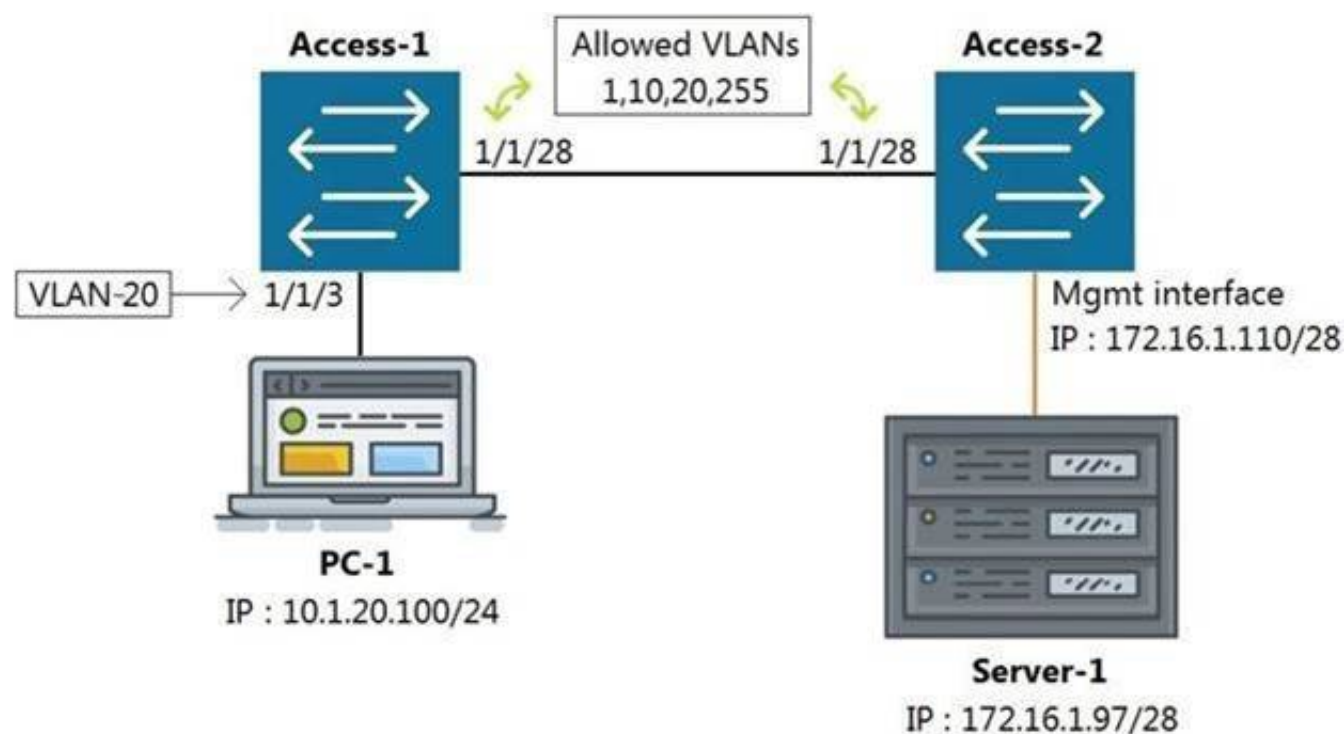Which switches support Aruba Virtual Switching Extension (VSX)? (Choose two.)

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

Answer: AC
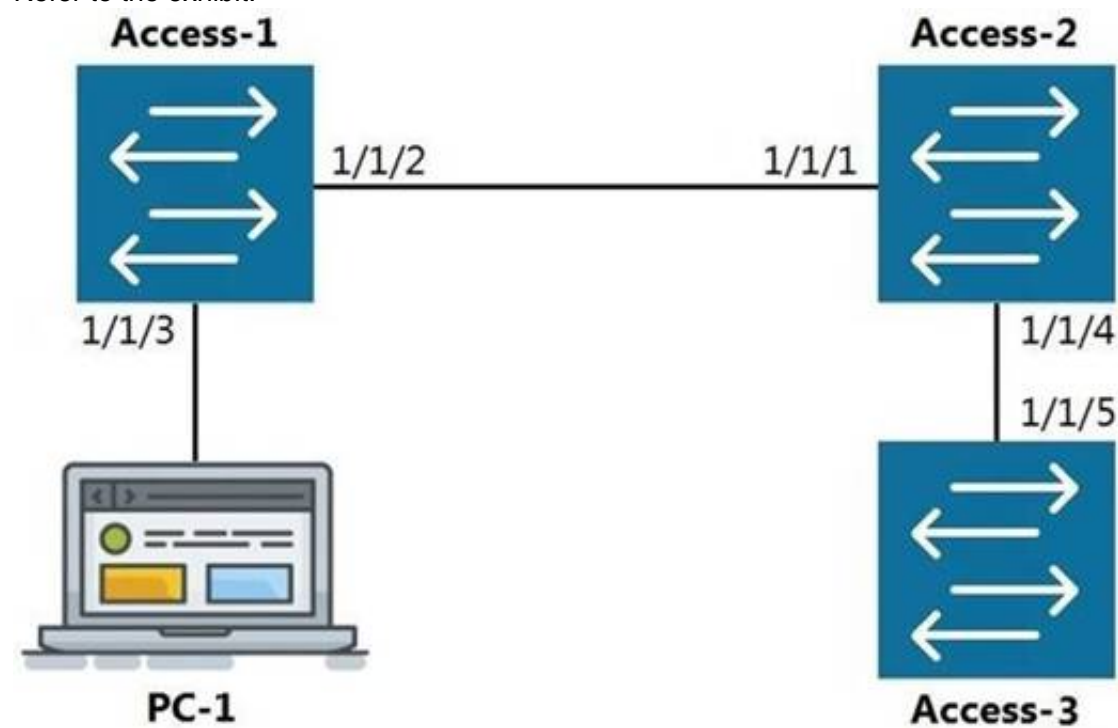
NEW QUESTION 23
Refer to the exhibit.

All switches are running Aruba OS-CX. While working in the terminal of Access-2, you are unable to reach Server-1 using SSH.
What is the correct command to ping Server-1 from Access-2 to test reachability?

A. Access-2# ping6 172.16.1.97 vrf mgm
B. Access-2# ping 172.16.1.97
C. Access-2# ping 172.16.1.97 vrf default
D. Access-2# ping 172.16.1.97 vrf mgmt

Answer: D

NEW QUESTION 25
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 28
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
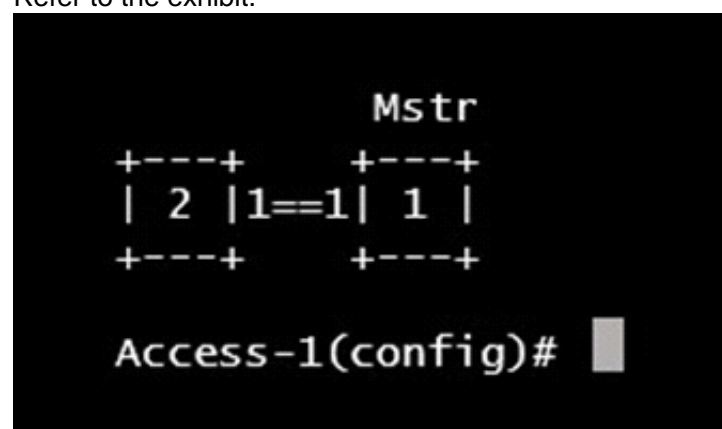
Answer: BC

NEW QUESTION 29
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
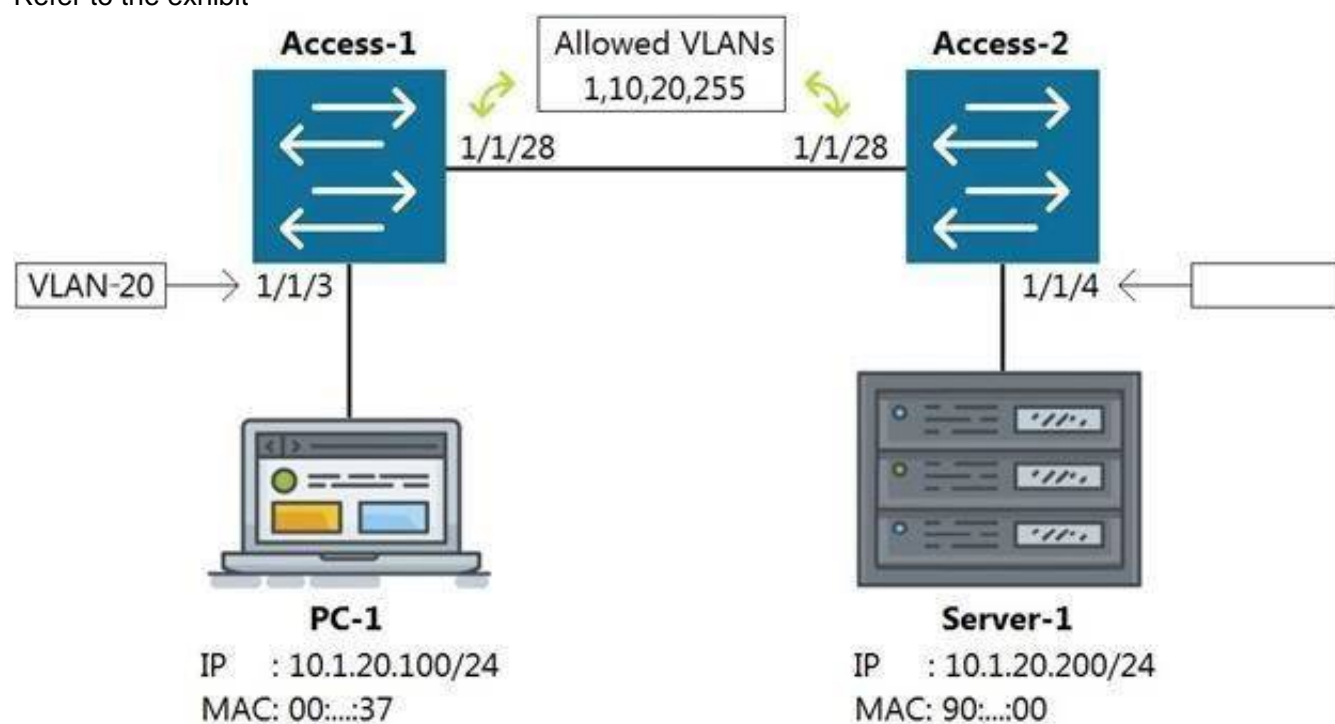
NEW QUESTION 34
Refer to the exhibit.

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 35
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 37
Match each description to the correct management tool for Aruba AOS-CX.

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

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Management Tools	Answer Area	
NetEdit	**Management Tool**	**Description**
Aruba CX Mobile App	NetEdit	can run as an OVA
	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 40
Refer to the exhibit.

Access-1
6300M

Access-2
6300M

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
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 47
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 48
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 49
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 50
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 51
Which Ethernet port combination does the Aruba 5400R ZL2 switch series support?

A. 10/100 Megabit Ethernet, Gigabit Ethernet, and 100 Gigabit Ethernet
B. Gigabit Ethernet, 25 Gigabit Ethernet, and 40 Gigabit Ethernet
C. 10/100 Megabit Ethernet, Gigabit Ethernet, 25 Gigabit Ethernet, and 100 Gigabit Ethernet
D. 10/100 Megabit Ethernet, Gigabit Ethernet, and 40 Gigabit Ethernet

Answer: D

NEW QUESTION 53
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 57
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 58
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 59
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