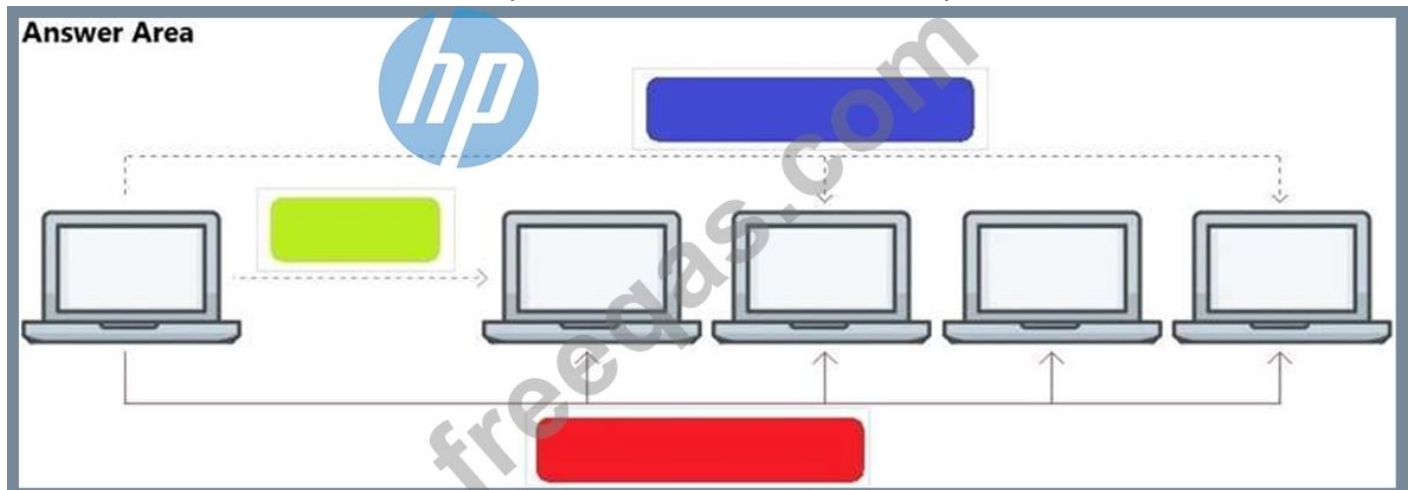


HP.HPE6-A72.v2023-02-11.q39

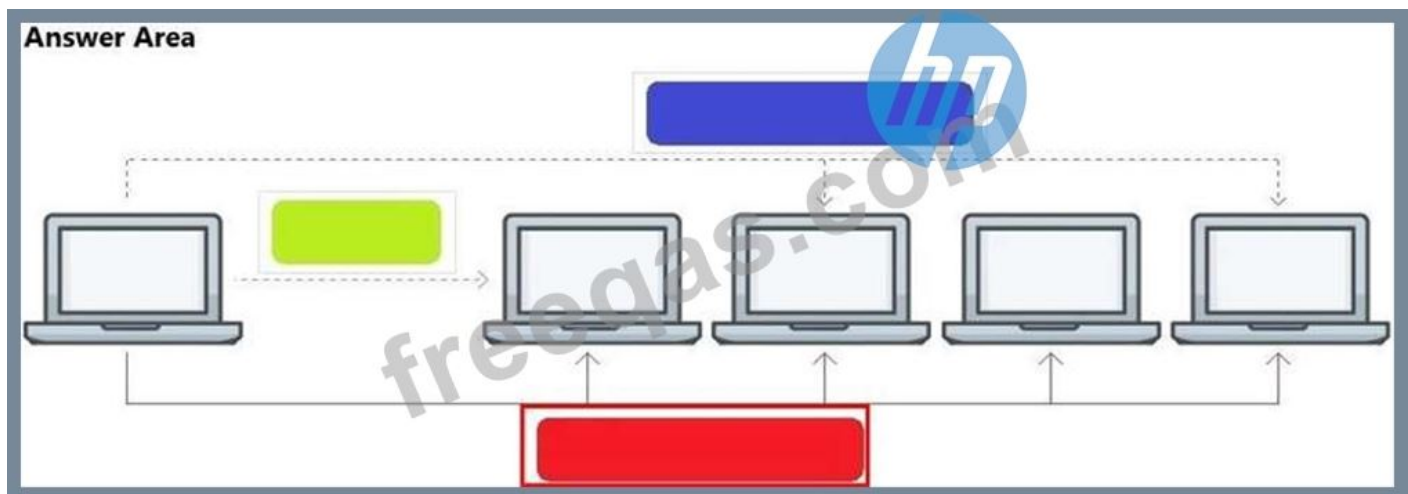
Exam Code:	HPE6-A72
Exam Name:	Aruba Certified Switching Associate Exam
Certification Provider:	HP
Free Question Number:	39
Version:	v2023-02-11
# of views:	621
# of Questions views:	390
https://www.freeqas.com/qa/HP/HPE6-A72/HP.HPE6-A72.v2023-02-11.q39.html	

NEW QUESTION: 1

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



Answer:



NEW QUESTION: 2

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 receive
- B. switch(config-if)# no lldp transmit
- C. switch(config)# no lldp
- D. switch(config-if)# no lldp interface (port) transmit

Answer: B (LEAVE A REPLY)

NEW QUESTION: 3

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

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

Answer: A,C (LEAVE A REPLY)

NEW QUESTION: 4

What are two features of the three-tier designs? (Choose two.)

- A. is considered legacy by requiring a large flat layer-two broadcast domain from Core to Access and should be avoided
- B. a more scalable design over by leveraging a distribution layer to handle Layer 3 routing and access control in large deployments
- C. adds a distribution layer to free up resources from the Core for improved performance and routing throughput
- 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. removes the distribution layer in favor of a spine-leaf design used in modern data center deployments

Answer: B,C (LEAVE A REPLY)

NEW QUESTION: 5

Match each description to the correct term.

Term	Description
ASIC	receives and sends frames by using Application-Specific Integrated Circuits (ASICs)
Control Plane	switches packets faster than using software
Data Plane	determines packet forwarding using routing, switching, security, and flow optimization
Management Plane	handles switch monitoring

Answer:

Term	Description
ASIC	receives and sends frames by using Application-Specific Integrated Circuits (ASICs)
Control Plane	
Data Plane	switches packets faster than using software
Management Plane	determines packet forwarding using routing, switching, security, and flow optimization
	handles switch monitoring

NEW QUESTION: 6

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	

Navigation arrows: Right arrow, Left arrow, Up arrow, Down arrow.

Answer:

Answer Area

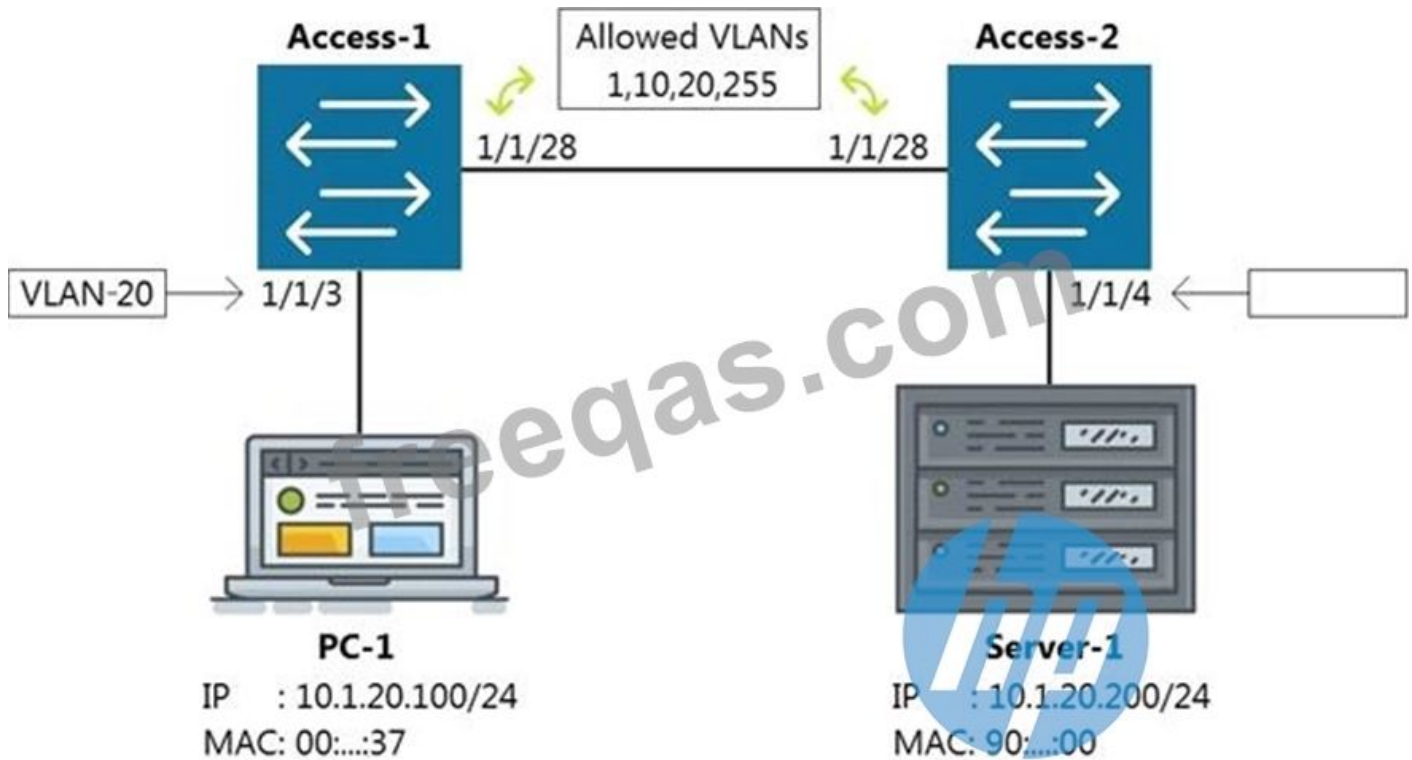
- physical Layer
- Data Link Layer
- Network Layer
- Transport Layer
- Session Layer
- Presentation Layer
- Application Layer

- 1 - physical Layer
- 2 - Data Link Layer
- 3 - Network Layer

- 4 - Transport Layer
- 5 - Session Layer
- 6 - Presentation Layer
- 7 - Application Layer

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 20 untag 1/1/4
- B. Access-2 (config-if-1/1/4)# vlan access 1, 10, 20, 255
- C. Access-2 (config-if-1/1/4)# vlan trunk allow 1, 10, 255
- D. Access-2 (config-if-1/1/4)# vlan access 20

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 8

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

Answer:

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: 9

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

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

Answer: A,C ([LEAVE A REPLY](#))

NEW QUESTION: 10

Your customer has 349 users in a two-story building.

What are two benefits of a 2-Tier design? (Choose two.)

- A. Provides a more cost effective solution given that no additional switches are required for a third tier.
- B. Layer 2 and Layer 3 protocols run close to the endpoints to better implement ACL and QoS policy at the edge.
- C. Use of layer 2 switches at the access layer can process and route traffic from attached APs.
- D. Improved performance by offloading processing from the Access layer to the Core.
- E. Support for WAN/MPLS, Internet, and Data Center directly on the Collapsed core.

Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 11

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: A,D ([LEAVE A REPLY](#))

Explanation/Reference:

NEW QUESTION: 12

You need to remote into an AOS-CX switch using SSH in order to update the management IP address for future connections. Unfortunately, you mis-configured the IP address and are now locked out of the switch.

What command could you have issued before making changes that would have recovered the original switch configuration after ten minutes?

- A. checkpoint auto 10
- B. checkpoint rollback 10
- C. checkpoint auto confirm 10
- D. boot system secondary 10

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 13

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 tftp://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 sftp://admin@10.1.1.21/GL.10.04.0003.swi

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 14

```

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	[REDACTED]	up	ok	static	1/1/2
11	[REDACTED]	up	ok	static	1/1/17
12	[REDACTED]	up	ok	static	1/1/17
13	[REDACTED]	up	ok	static	1/1/17
14	[REDACTED]	up	ok	static	1/1/17
15	[REDACTED]	up	ok	static	1/1/17
16	[REDACTED]	up	ok	static	1/1/17
17	[REDACTED]	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	[REDACTED]	up	ok	static	1/1/1-1/1/2
17	[REDACTED]	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	[REDACTED]	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	[REDACTED]	up	ok	static	1/1/1-1/1/2
17	[REDACTED]	up	ok	static	1/1/11-1/1/17

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 15

Match the switching term to the correct definition.

Term		Definition
Broadcast Domain	<input type="text"/>	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
Collision Domain	<input type="text"/>	
CSMA/CD	<input type="text"/>	the FIB used by switches matching known-source mac-addresses to the layer one port they are learned on
Forwarding Table	<input type="text"/>	the mechanism used by Compute NICs and Switchports operating in half-duplex to detect and recover from frame collisions
	<input type="text"/>	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

Answer:

Term		Definition
Broadcast Domain	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
Collision Domain		
CSMA/CD	Forwarding Table	the FIB used by switches matching known-source mac-addresses to the layer one port they are learned on
Forwarding Table	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

NEW QUESTION: 16

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

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

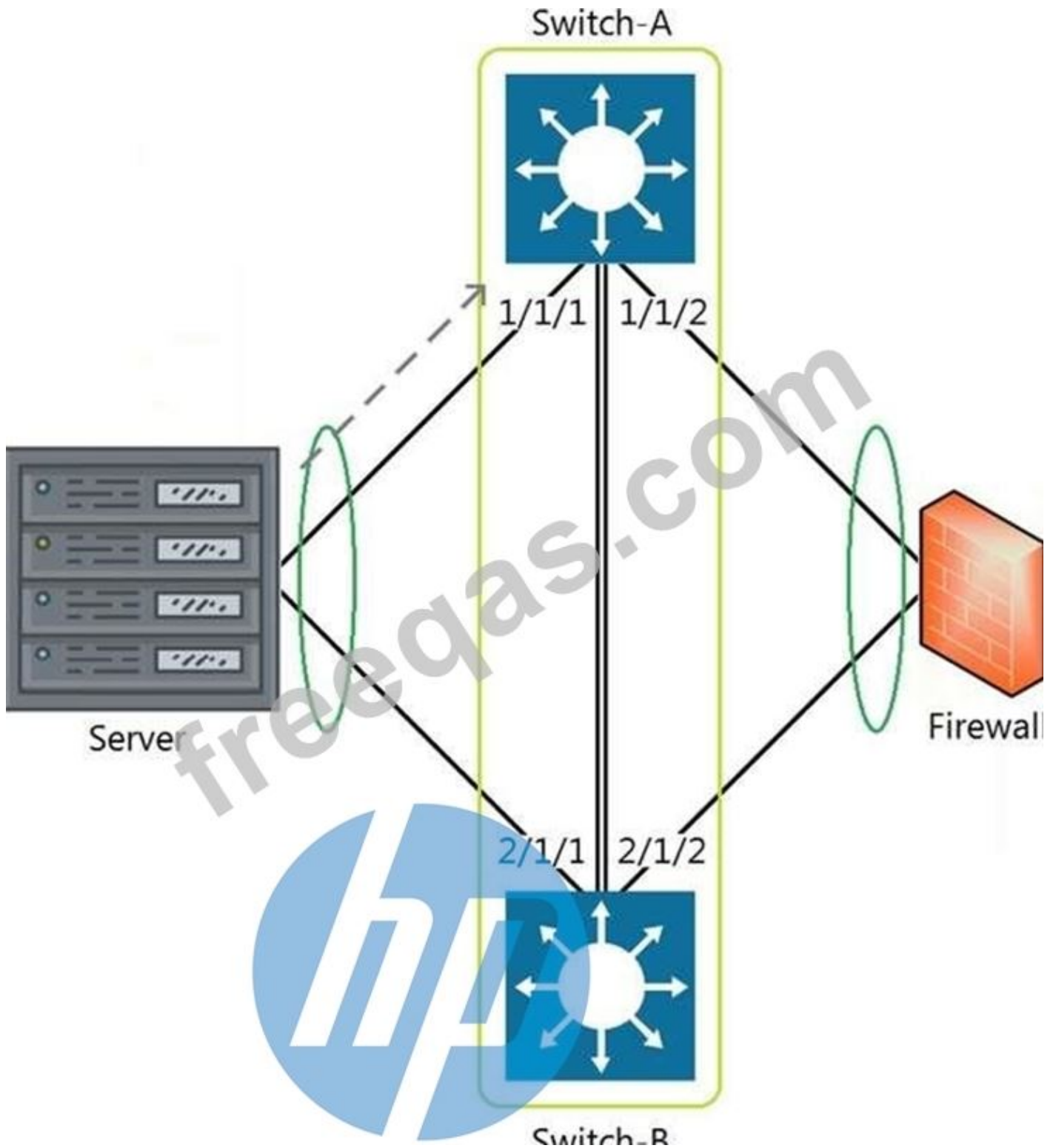
Answer: B (LEAVE A REPLY)

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NEW QUESTION: 17

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 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.
- B. 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.
- C. Switch-A will drop the packet. Multi-Chassis lag to multi-chassis lag is not a supported feature of VSF.
- D. 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.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 18

What are the commands to disable SSH and HTTPS services from the default VRF?

- A. Core-1(config)# no ssh server enable
Core-1(config)# no https-server enable
- B. Core-1# no ssh server vrf default
Core-1# no https-server vrf default
- C. Core-1(config)# no ssh server vrf default
Core-1(config)# no https-server vrf default
- D. Core-1(config)# no ssh server
Core-1(config)# no https-server

Answer: C (LEAVE A REPLY)

NEW QUESTION: 19

Which Ethernet port combination does the Aruba 5400R ZL2 switch series support?

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

Answer: C (LEAVE A REPLY)

NEW QUESTION: 20

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 initial-checkpoint
- B. copy running-config checkpoint startup-config
- C. copy running-config default
- D. copy startup-config running-config

Answer: B (LEAVE A REPLY)

NEW QUESTION: 21

What is Deep Packet Inspection?

- A. a concept that applies to firewalls, when examining packets only up through Layer 4
- B. 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
- C. a machine learning method of packet inspection for the purpose of choosing which dynamic routing protocol to automatically assign
- D. a function of Policy Based Routing that examines the entire IPv4 header to forward traffic based on factors other than destination address

Answer: (SHOW ANSWER)

NEW QUESTION: 22

```
Core# configure terminal
Core(config)# vrf Green
Core(config-vrf)# exit
Core(config)#
Core(config)# interface vlan 50
Core(config-if-vlan)# ?
```

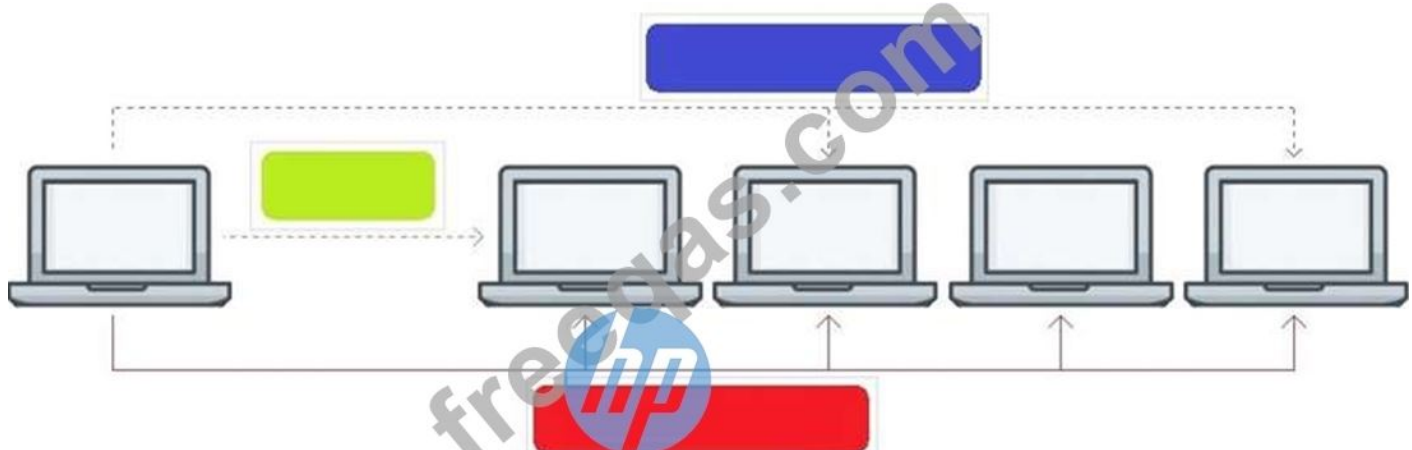
Given the configuration on the CORE switch shown above, what command would follow to assign the switched virtual interface (SVI) vlan 50 to the VRF created?

- A. Core(config-if-vlan)# vrf attach Green
- B. Core(config-if-vlan)# ip vrf forwarding Green
- C. Core(config-if-vlan)# routing-context Green vrf
- D. Core(config-if-vlan)# ip vpn-instance Green

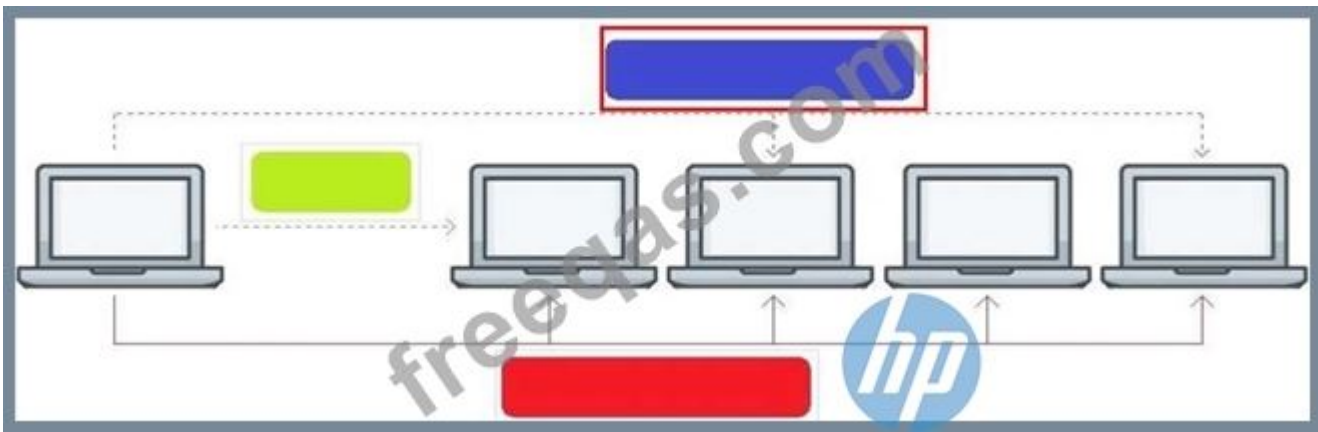
Answer: A (LEAVE A REPLY)

NEW QUESTION: 23

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



Answer:



Explanation:

Blue Box

NEW QUESTION: 24

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 more
- B. The command page

- C. The command terminal length 30
- D. The command less

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 25

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
------------------	---------------------

<input type="text"/>	6300M
----------------------	-------

<input type="text"/>	6300F
----------------------	-------

<input type="text"/>	8320
----------------------	------

<input type="text"/>	8400
----------------------	------

<input type="text"/>	6400
----------------------	------

Answer:

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

NEW QUESTION: 26

The customer has 778 developers testing computer games on the network.

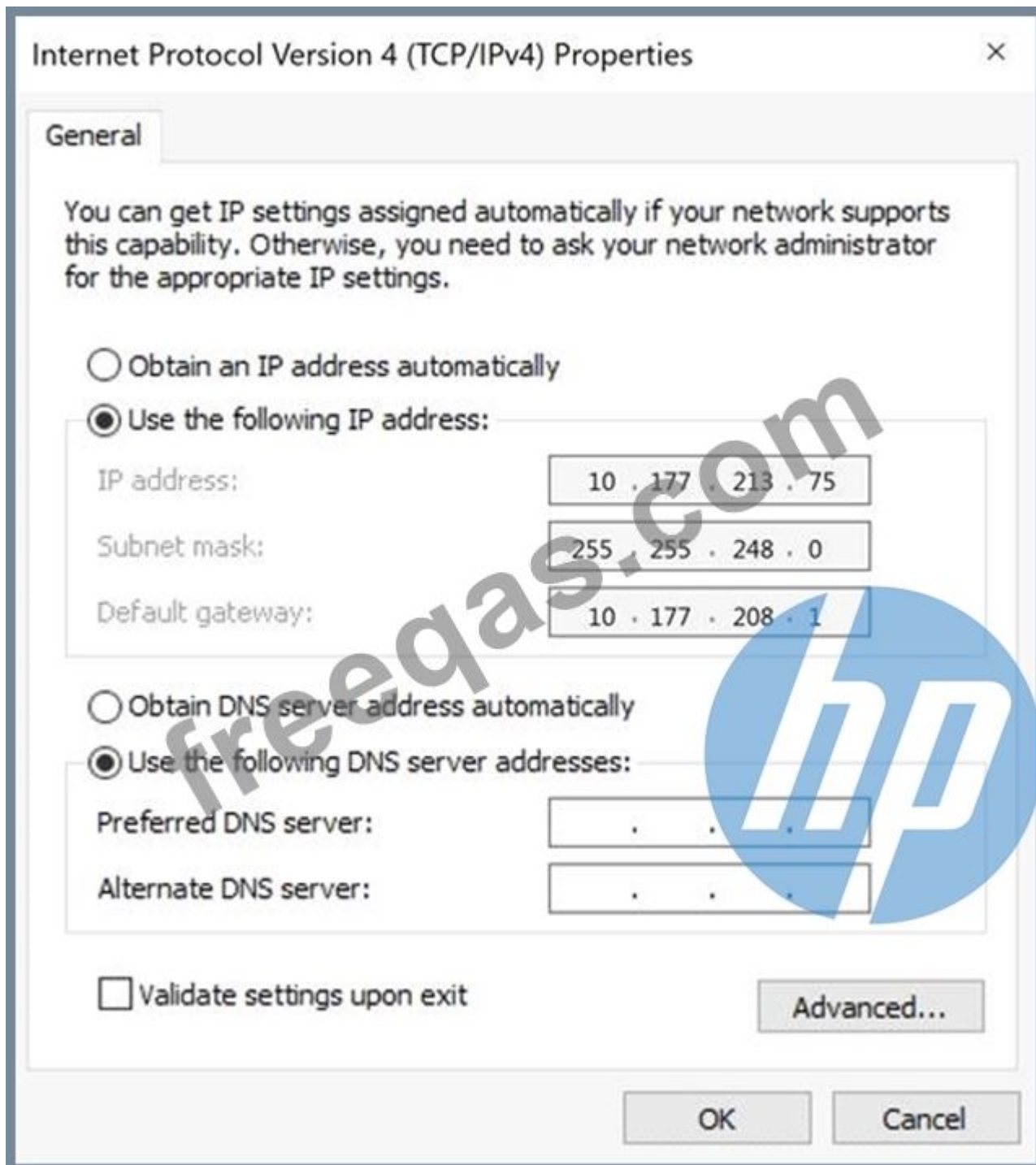
Which two actions resolve Broadcast storms? (Choose two.)

- A. Manually disable the redundant link to immediately resolve the impacted portion of the network.
- B. Setting switch ports to half-duplex will resolve Broadcast storms using Carrier Sense Multiple-Access Collision Detection (CSMA/CD).
- C. Enable single Area Open Shortest Path First (OSPF) on all Layer 2 switches, but do not enable routing.
- D. Utilize Spanning Tree to dynamically disable all redundant links in a segment.
- E. Utilize Spanning Tree to dynamically block Designated ports in addition to Alternate ports.

Answer: A,D (LEAVE A REPLY)

NEW QUESTION: 27

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 28

Which option correctly describes a WAN network?

- A. compute resources that are networked locally over wireless

- 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. a group of computer resources that communicates between geographically separate location

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 29

What is true about VSX? (Choose two.)

- A. VSX allows upgrading members with near zero downtime or loss of packets.
- B. VSX is implemented on static port switches. VSX-plus needed to stack chassis together.
- C. VSX is available on all Aruba OS-CX switches except the 6300F model.
- D. VSX run separate control planes to reduce latency and improve performance.
- E. VSX is ideal for Campus access layer deployments where ease of deployment is needed.

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 30

Which two statements accurately describe stacking with Aruba switches? (Choose two.)

- A. VSF and VSX are stacking option with the AOS-CX 8320. 8325. 8400. and 6400 models.
- B. The VSF feature is not compatible between AOS-CX and AOS platforms.
- C. A VSF stack is allowed between an AOS 5400R and an AOS-CX 6400.
- D. VSF is a core or aggregation layer stacking technology due to the high resiliency of sharing a single control plane.
- E. A VSF stack is allowed between an AOS-CX 6300M and 6300F switches.

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 31

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

Answer: C ([LEAVE A REPLY](#))

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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 assigned only to Trunk ports which is why no ports are listed under interfaces.
- B. VLAN 50 is part of a switched virtual interface (SVI) that was never routed causing it to be down.
- C. VLAN 50 was never added to the vlan-database and therefore is in a down state.
- D. Since VLAN 50 has not been assigned to any enabled physical port, the status is down.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 33

What is the login and password combination is used when first configuring an Aruba OS-CX switch from factory defaults?

- A. Login admin and password forgetme!
- B. Login admin and password field empty.
- C. Login admin and password password.
- D. Login admin and password admin.

Answer: B (LEAVE A REPLY)

NEW QUESTION: 34

What is a benefit of choosing a 3-Tier design with routing at the Aggregation layer?

- A. Shifting endpoint access to the Aggregation layer from the Access layer
- B. Connecting WAN/MPLS and Data center access to the Aggregation layer
- C. Using access control lists (ACLs) at the Core to improve performance
- D. Better Core router performance by offloading processing

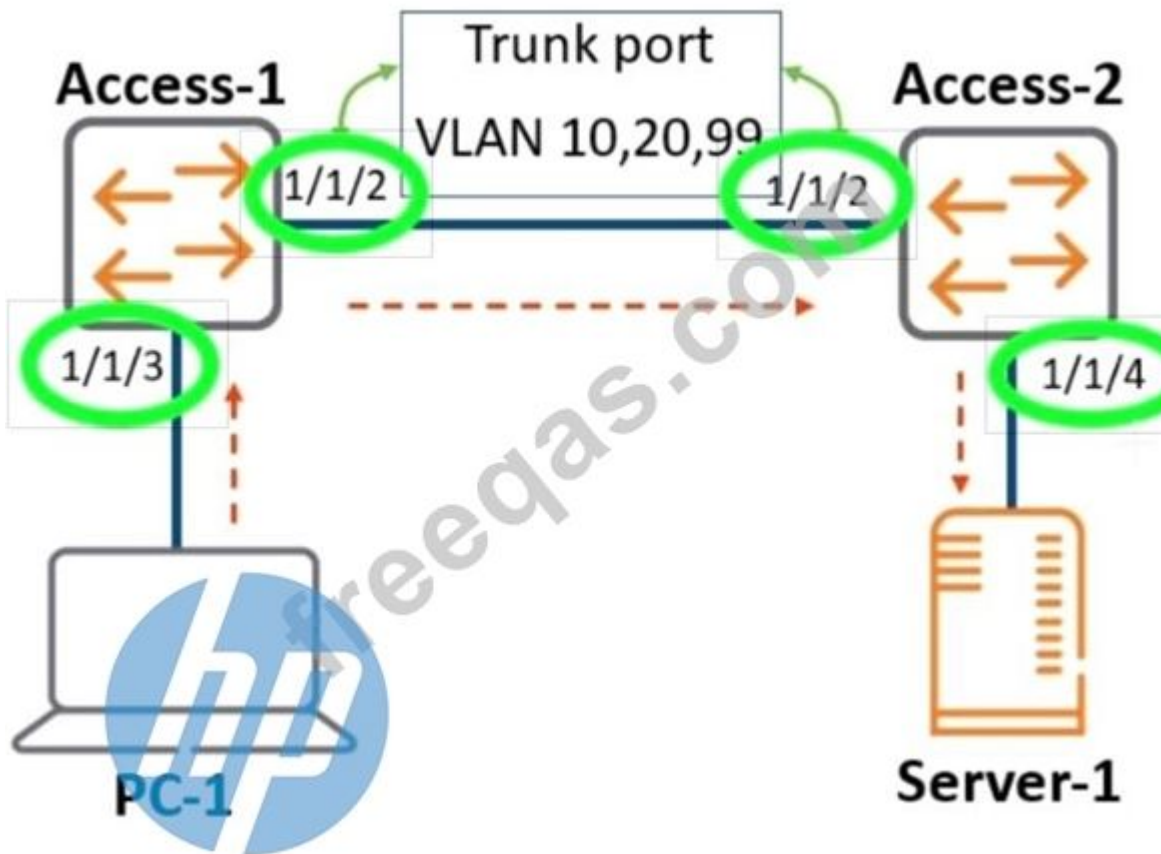
Answer: D (LEAVE A REPLY)

NEW QUESTION: 35

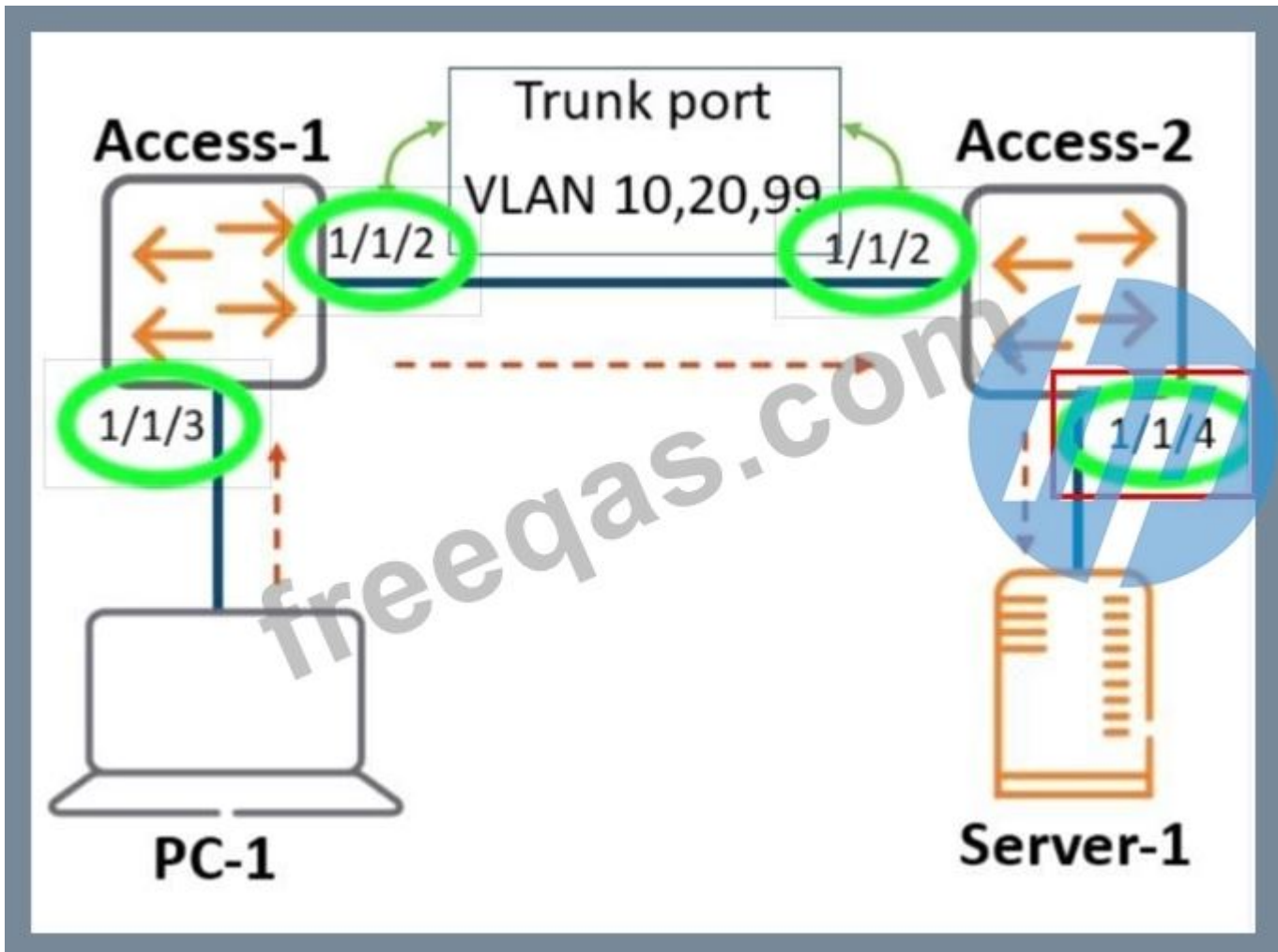
Review the exhibit.

As the frame traverses from **PC-1** to **Server-1**, the VLAN tag will be removed.

Click on the interface (circled in green) where the VLAN tag will be removed.



Answer:



NEW QUESTION: 36

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.

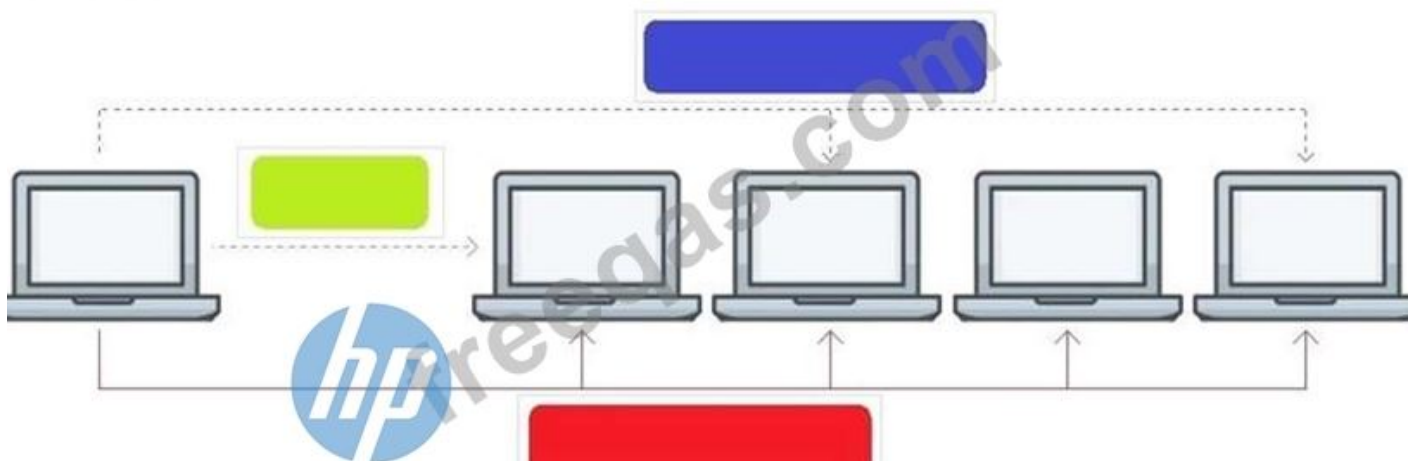
Answer: C (LEAVE A REPLY)

Explanation/Reference:

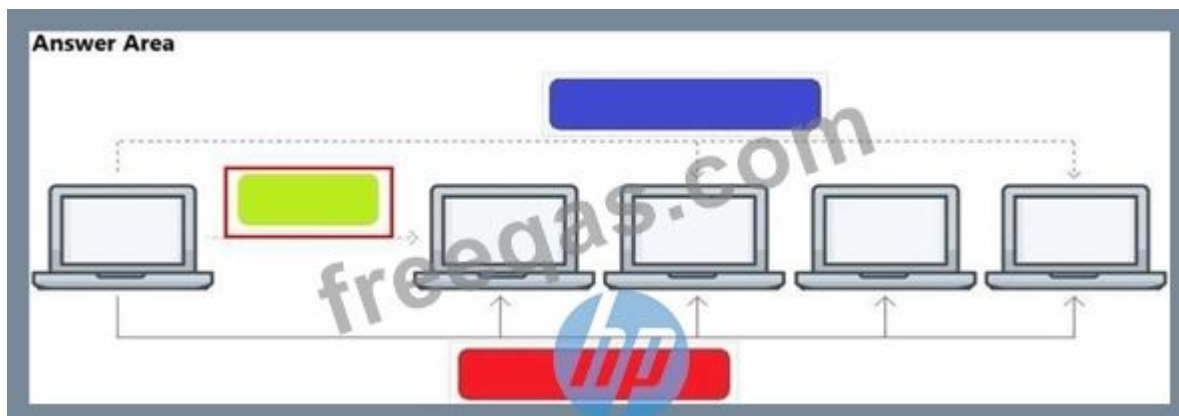
https://www.arubanetworks.com/techdocs/ArubaOS_83_Web_Help/Content/ArubaFrameStyles/Management_Uilities/enab_radsec_reset_admin_enabl_pwd.htm

NEW QUESTION: 37

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



Answer:



NEW QUESTION: 38

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

Answer: A (LEAVE A REPLY)

NEW QUESTION: 39

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 (LEAVE A REPLY)

Explanation/Reference:

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