

HP0-Y52^{Q&As}

Applying HP FlexNetwork Fundamentals

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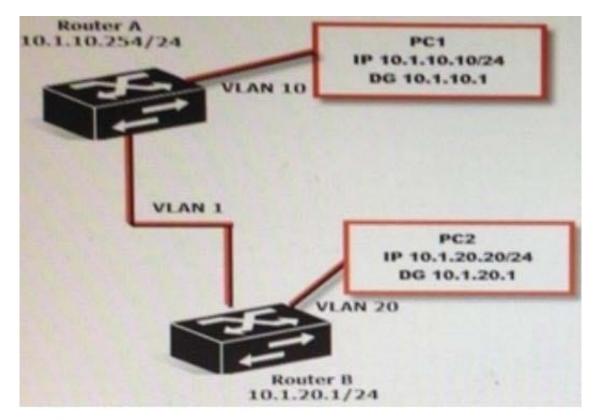
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Refer to the exhibit.

Exhibit: Network diagram and routing tables



Router A			
Destination/Mask	Proto	NextHop	Interface
10.1.10.0/24	Direct	10.1.10.254	vlan10
10.1.20.0/24	Static	192.168.100.2	vlan1
192.168.100.9/30	Direct	192.168.100.1	vlan1
Router B			
Destination/Mask	Proto	NextHop	Interface
10.1.10.0/24	Direct	192.168.100.1	vlan1
10.1.20.0/24	Static	10.1.20.1	vlan20
192.168.100.9/30	Direct	192.168.100.2	vlan1

Why does traffic from PC1 fail to reach PC2?

A. Only static routes have been enabled

- B. The subnet mask is incorrect on the routers
- C. There is no route back from router B



D. A default gateway setting is incorrect

Correct Answer: C

QUESTION 2

A network administrator establishes an aggregated link between an HP Comware and ProVision switch. VLAN 1 is untagged and VLANs 2 and 3 are tagged. The administrator configures these commands on the Comware switch:

```
interface bridge-aggregation 1
  quit
interface g1/0/1
  port link-aggregation group 1
  quit
interface g1/0/2
  port link-aggregation group 1
  quit
interface bridge-aggregation 1
  port link-type trunk
  port trunk permit vlan all
  quit
```

The administrator configures theses commands on the ProVision switch:

trunk 1-2 trk1 lacp vlan 2 tagged trk1 vlan 3 tagged trk1

Some of the links in the aggregated link become blocked.

Which Comware configuration should the administrator apply to the Comware switch to resolve this issue?

- A. interface bridge-aggregation 1link-aggregation mode dynamic
- B. interface bridge-aggregation 1link-aggregation type lacp dynamic
- C. interface bridge-aggregation 1link-aggregation mode static
- D. interface bridge-aggregation 1link-mode type lacp

Correct Answer: A

QUESTION 3

A network administrator is configuring a static route. What should the administrator use as the next hop address?

A. the IP address on the local interface that is used to egress traffic towards its destination

B. the lowest IP address on the neighboring router in the path towards its destination



- C. the IP address on the connected interface of a neighboring router in the path towards its destination
- D. the IP address of the default gateway in the destination subnet

Correct Answer: C

An endpoint device requests an address by using DHCP. What is the first message the client sends to initiate this process?

- A. DHCPREQUEST
- **B. DHCPQUERY**
- C. DHCPDISCOVER
- D. DHCPOFFER
- Correct Answer: C

QUESTION 5

Refer to the exhibit.

<comware></comware>	display	port trunk
Interface	PVID	VLAN passing
GE1/0/1 1	1	1, 10, 20

22.2

What does the output indicate about GE1/0/1?

A. The interface accepts untagged traffic, which it assigns to VLAN 1. It drops traffic that is tagged for VLANs 1, 10, and 20.

B. The interface accepts untagged traffic, which it assigns to VLAN 1. It also accepts traffic that is tagged for VLANs 10 and 20.

C. The interface accepts untagged traffic, which it assigns to VLAN 1. It accepts traffic that is tagged for any VLAN between 10 and 20.

D. The interface does not accept untagged traffic. It accepts traffic that is tagged for VLANs 1, 10, and 20.

Correct Answer: B

QUESTION 6

A server connects to a port on an HP Comware switch. The network administrator wants to ensure that:

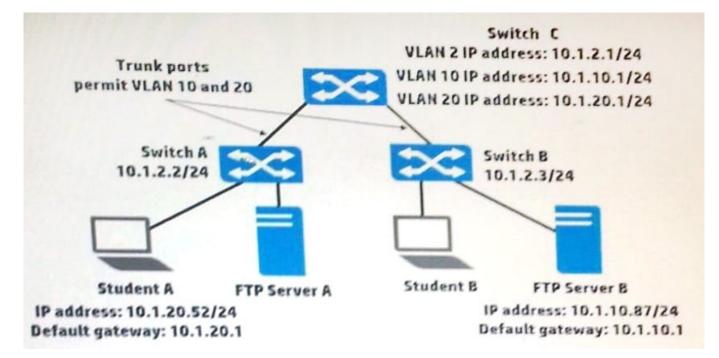
Which statement describes how the administrator can accomplish this?



- A. The administrator must manually configure the port as an STP edge port.
- B. The administrator can lower the port\\'s root path cost to zero.
- C. The administrator can accept the default behavior of auto-edge.
- D. The administrator can configure the port as an MSTP master port.

Correct Answer: B

Refer to the exhibit.



Assume that Student A\\'s ARP table is empty. Student A is preparing to send an FTP packet to FTP Server B and needs to discover the proper destination MAC address. For which IP address does Student A send an ARP request?

A. 10.1.10.1

B. 10.1.10.87

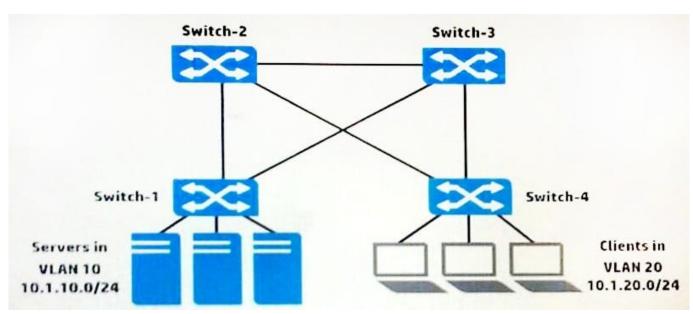
- C. 10.1.2.2
- D. 10.1.20.1

Correct Answer: D

QUESTION 8

Refer to the exhibit.





The switches in the exhibit are all HP Comware switches that run Multiple Spanning Tree Protocol (MSTP).

The network administrator wants to ensure that each switch-to-switch link is in its own subnet. The administrator also wants to make sure that all of the links are available for routing during normal operation. How should the administrator configure the physical switch-to-switch interfaces to accomplish these goals?

- A. Configure them as trunk ports that permit VLANs 10 and 20.
- B. Configure them as any type of port, and make sure spanning tree is enabled on them.
- C. Configure them as route-mode ports.
- D. Configure them as hybrid ports that carry VLAN 10 and 20 as untagged.

Correct Answer: A

QUESTION 9

Refer to the exhibit.

```
<Comware> dir
Directory of cfa0:/
                                2007 21:06:29
  0
     drw-
             6985954
                        Apr 26
                                                logfile
  1
             3141842
                        Apr 27
                                2007 04:37:17
     -rw-
                                                main.app
  2
     -rw-
                 1518
                        Apr 26
                                2007 12:05:38
                                                config.cfg
  3
                2045
                        May 04
                                2007 15:50:01
                                                backcfg.cfg
     -rw-
  4
                  428
                        Apr 27
                                2007 16:41:21
                                                hostkey
     -rwh
  5
                 572
                                2007 16:41:31
     -rwh
                        Apr 27
                                                serverkey
14605 KB total (1955 KB free)
<Comware> dir /all
Directory of cfa0:/
  О
             6985954
                        Apr 26
                                2007 21:06:29
                                                logfile
     drw-
  1
     -rw-
             3141842
                        Apr 27
                                2007 04:37:17
                                                main.app
  2
                        Apr 26
                                2007 12:05:38
                                                config.cfg
                 1518
     -rw-
  3
                        May 04
                                2007 15:50:01
                                                backcfg.cfg
     -rw-
                2045
  4
     -rwh
                  428
                        Apr 27
                                2007 16:41:21
                                                hostkey
                        Apr 27
  5
     -rwh
                 572
                                2007 16:41:31
                                                serverkey
             2737556
                        Oct 12
                                2007 01:31:44
  6
     -rw-
                                                [old.app]
14605 KB total (1955 KB free)
```

A network administrator is upgrading the operating system on an HP Comware switch. When copying the new image from a TFTP server to the flash of the switch, the process fails because there is not enough flash to store the new operating system. The new operating system is 3.2MB in size. The administrator then executes the commands shown in the exhibit above.

Which action should the administrator perform to solve this problem?

- A. Execute the reset recycle-bin command, and perform the TFTP transfer again.
- B. Execute the clear flash command, and perform the TFTP transfer again.
- C. Reformat flash, and perform the TFTP transfer again.

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D. Execute the delete old.app command, and perform the TFTP transfer again.

Correct Answer: A

QUESTION 10

What is one reason to access the extended boot menu on an HP Cornware switch?



- A. To access the switch CLI when you have forgotten the password
- B. To set up the switch to be managed by HP Intelligent Management Center (IMC).
- C. To configure the switch initial IP address settings
- D. To configure the switch to implement Intelligent Resilient Framework (IRF)

Correct Answer: A

An HP ProVision switch is operating at its factory default settings. A network administrator connects the switch to a VLAN with a DHCP server. The switch-to-switch connection is carrying untagged traffic. The administrator wants to log in to the switch CLI using Telnet.

How should the administrator contact the switch and log in?

A. Contact the switch at its DHCP-assigned IP address and log in with the default password hp.

B. Contact the switch at its default IP address 192.168.1.1/24 and log in without entering a password.

C. Contact the switch at its DHCP-assigned IP address and log in without entering a password.

D. Contact the switch at its default IP address 192.168.1.1/24 and log in with the default password hp.

Correct Answer: B

QUESTION 12

Refer to the exhibit.

[Comware] display	ip routin	ng-tab	le					
Routing Tables: Public								
Destinations : 7	Routes	: 7						
Destination/Mask	Proto	Pre	Cost	NextHop	Interface			
10.2.0.0/17	OSPF	10	110	10.1.1.5	Vlan3			
10.2.64.0/19	OSPF	10	120	10.1.1.5	Vlan3			
10.2.192.0/18	OSPF	10	40	10.1.1.13	Vlan5			
10.2.64.0/18	OSPF	10	130	10.1.1.13	Vlan5			
10.2.128.0/17	OSPF	10	30	10.1.1.5	Vlan3			
<-output omitted->								

Examine the partial HP switch output shown in the exhibit. Based on this output, if the switch receives a packet with a destination IP address of 10.2.90.87, which entry in the routing table would the switch use to forward the packet?

A. 10.2.128.0/17

B. 10.2.0.0/17

C. 10.2.64.0/19



D. 10.2.64.0/18

Correct Answer: C

QUESTION 13

Which HP solution provides network optimization and automated network provisioning to its customers?

- A. Intelligent Management Center NTA
- B. FlexNetwork Architecture
- C. Intelligent Resilient Framework
- D. Software-defined Networking

Correct Answer: D

QUESTION 14

A network administrator configures several HP Comware switches to be part of a single Intelligent Resilient Framework (IRF) virtual device. What is correct about the domain and member IDs in this configuration?

A. The switches have different domain IDs and different member IDs.

- B. The switches have the same domain ID and the same member ID.
- C. The switches have the same domain ID and different member IDs.
- D. The switches have different domain IDs and the same member ID.

Correct Answer: C

QUESTION 15

A customer is implementing an access layer solution with four HP Comware switches in an Intelligent Resilient Framework (IRF) virtual device or domain. The customer expects to add two additional switches of the same model and would like to add them to the existing IRF virtual device. What must the customer verify?

A. that the IRF virtual device has spanning tree enabled on it

B. that the new switches are both assigned the same member ID as the master of the existing IRF virtual device

C. that the IRF virtual device is using a daisy chain topology to provide better resilience

D. that the switch model supports at least six switches in an IRF virtual device

Correct Answer: A



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