



# HP2-Z37<sup>Q&As</sup>

Fast Track - Applying HP FlexNetwork Fundamentals

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**QUESTION 1**

Which statement is true concerning spanning tree protocols and HP switches?

- A. ProVision switches use non-standard default cost values
- B. Comware switches have spanning tree enabled, by default
- C. ProVision switches, by default, auto-sense edge ports
- D. Comware switches use their serial number as the switch identifier in the bridge ID

Correct Answer: C

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**QUESTION 2**

Refer to the exhibit.

```
[Comware] display ip routing-table
Routing Tables: Public
Destinations : 7 Routes : 7
```

Destination/Mask	Proto	Pre	Cost	NextHop	Interface
10.2.0.0/18	OSPF	10	110	10.1.1.5	Vlan3
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
10.2.192.0/17	OSPF	10	40	10.1.1.13	Vlan5

<-output omitted->

The exhibit shows partial output of the HP Comware display ip routing-table command. Note the Pre or preference column.

On an HP ProVision switch, what is the corresponding term used for the Pre column in the Comware output shown in the exhibit?

- A. protocol ranking
- B. administrative distance
- C. cost
- D. metric

Correct Answer: B

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**QUESTION 3**



What is true about the community string used for SNMPv1 and SNMPv2c?

- A. The community string encrypts the SNMP message, but does not hash it, providing for data privacy.
- B. The community string hashes the SNMP message, but does not encrypt it, providing for data integrity.
- C. The community string encrypts and hashes the SNMP message, providing for data integrity and privacy.
- D. The community string is like a password transmitted in cleartext, providing no data integrity or privacy.

Correct Answer: D

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#### QUESTION 4

An HP Comware switch should send messages to an SNMP server when various events occur. What is one step in the configuration of this feature?

- A. Enable SSH on the switch, and create a user account to match settings on the SNMP server.
- B. Set the SNMPv2 read-write community string to match the string on the SNMP server.
- C. Enable logging to the console globally.
- D. Specify an SNMP trap server with the SNMP server IP address and community string.

Correct Answer: D

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#### QUESTION 5

A network administrator adds a new VLAN in a campus network, VLAN 120. The administrator needs to set up a DHCP scope for this VLAN. The scope will include an IP address for DHCP clients and a default gateway address. An HP Comware aggregation layer switch acts as a DHCP server for this VLANs at the access layer. The administrator configures this on the Comware switch for the new DHCP scope:

```
dhcp server ip-pool 120
  network 10.1.120.0 24
  gateway 10.1.120.254
  expired 1 day
  quit
dhcp server forbidden-ip 10.1.120.250 10.1.120.254
dhcp server ping packets 2
dhcp server ping timeout 750
```

Based on this configuration, what else must the administrator configure to make the pool available to DHCP clients that send requests in VLAN 120?

- A. dhcp vlan 120
- B. dhcp server ip pool 120vlan 120
- C. dhcp enable



D. dhcp server vlan 120

Correct Answer: C

## QUESTION 6

Refer to the exhibits.

Exhibit 1

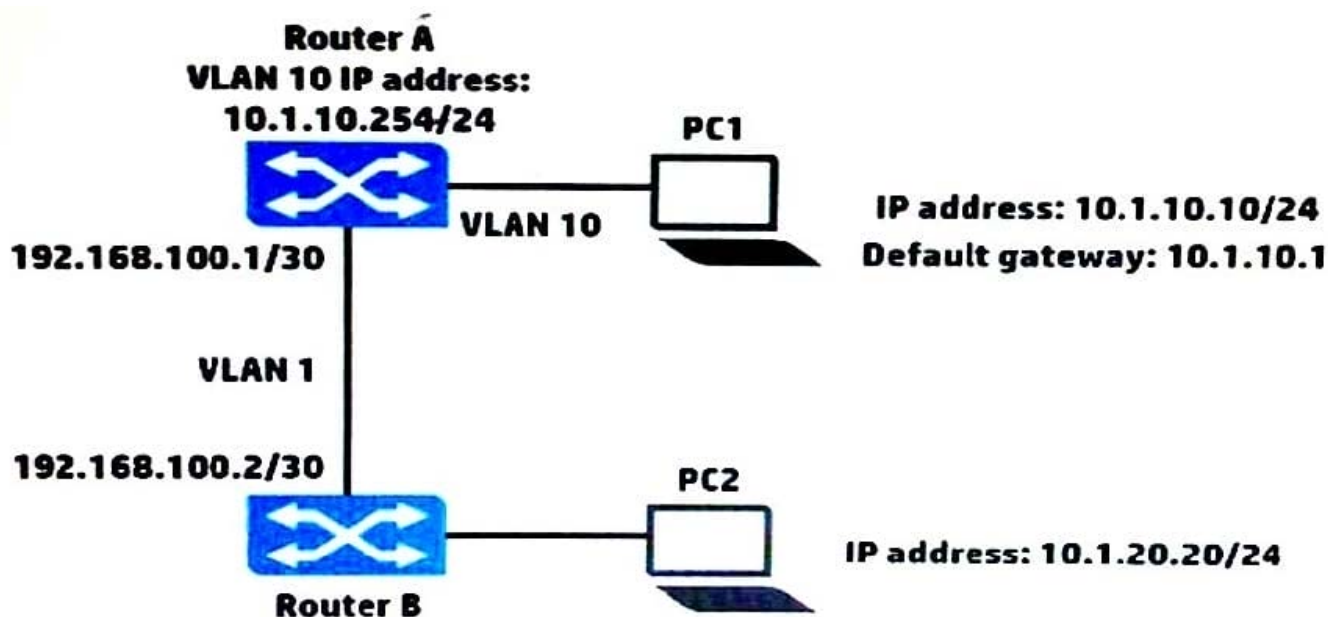


Exhibit 2

Router A IP routing table

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
192.168.100.0/30	Direct	192.168.100.1	vlan1

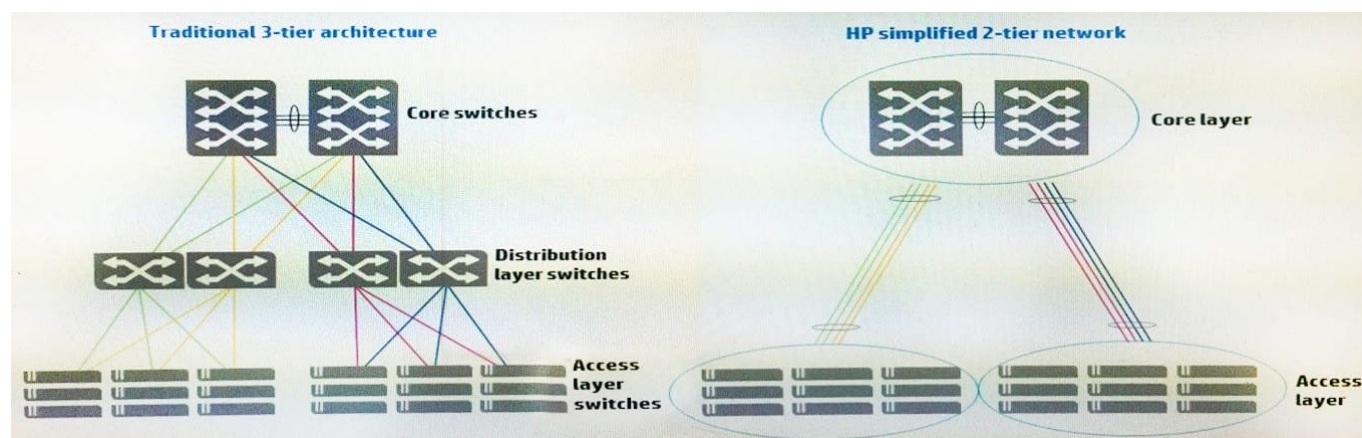
PC1 cannot reach PC2. Based on the exhibits, what could be causing this error?

- A. PC1 has the wrong IP address for its default gateway setting.
- B. Router A has a direct route, instead of a static route, to 10.1.10.0/24.
- C. The next hop address for the 10.1.20.0/24 route is incorrect.
- D. Router A has an invalid subnet mask for the VLAN 1 subnet.

Correct Answer: B

**QUESTION 7**

Refer to the exhibit.



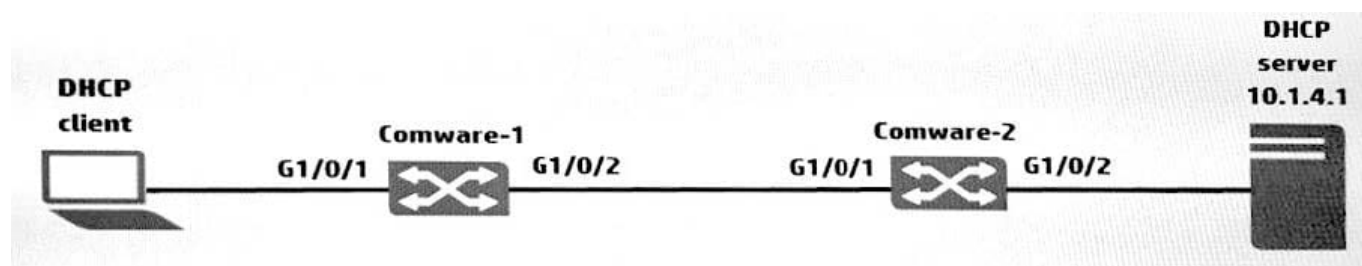
The topology shown on the left of the exhibit illustrates a traditional three-tier architecture. Which technology allows a company to simplify their network with a two-tier topology as illustrated on the right of the exhibit.

- A. Intelligent Resilient Framework
- B. Software-defined Networking
- C. Multiple Spanning Tree Protocol
- D. Equal Cost Multi-Pathing

Correct Answer: A

**QUESTION 8**

Refer to the exhibit.



The physical interfaces for Comware-1 and Comware-2 switches in the exhibit are configured in routed mode and OSPF. Both switches have the three subnets in their routing tables. The administrator wants to use DHCP to assign addressing information to the users. Based on the exhibit, where should the administrator configure DHCP relay?

- A. Comware-1. G1/0/2
- B. Comware-1, G1/0/1
- C. Comware-2. G1/0/2





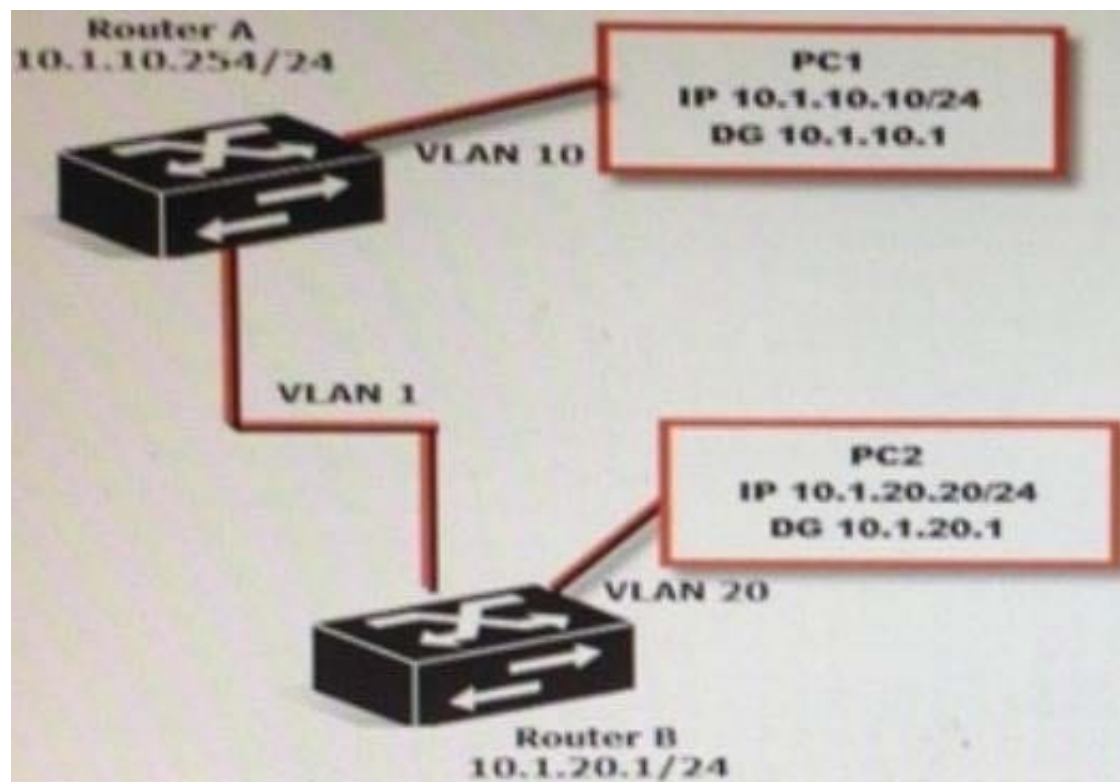
D. Comware-2, G1/0/1

Correct Answer: B

### QUESTION 9

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

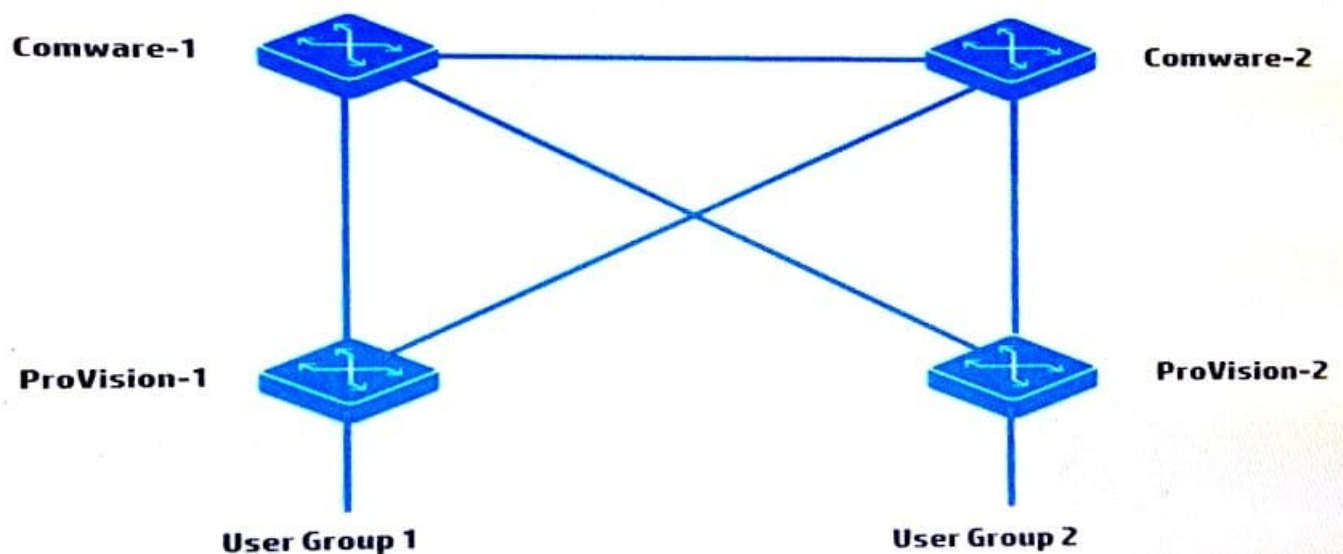
C. There is no route back from router B

D. A default gateway setting is incorrect

Correct Answer: C

### QUESTION 10

Refer to the exhibit.



A network administrator wants to create a routed topology that ensures redundant connections between User Group 1 and User Group 2. Based on this information, how many broadcast domains should the administrator create?

A. Two

B. Three

C. Four

D. Seven

Correct Answer: B

### QUESTION 11

A tagged frame arrives on a switch port that is not a tagged member of the VLAN indicated by the frame ID. What do fundamental VLAN operating rules require the switch to do with that frame?

A. Ignore the VLAN tag and forward the frame, based on destination MAC address.

B. Forward a copy of the frame to the default gateway.



C. Attempt best effort delivery by flooding a copy of the frame to all other VLANs.

D. Drop the frame.

Correct Answer: D

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#### QUESTION 12

Which statement correctly defines the management capabilities of an HP MultiService Mobility (MSM) access point (AP)?

A. The AP only supports controlled mode.

B. The AP operates in autonomous mode by default, but can be changed to controlled mode.

C. The AP operates in controlled mode by default, but can be changed to autonomous mode.

D. The AP only supports autonomous mode.

Correct Answer: C

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#### QUESTION 13

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

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#### QUESTION 14

Exhibit1.



Exhibit 2





```
Switch-1(config)# show ip route
```

IP Route Entries						
Destination	Gateway	Vlan	Type	Sub-Type	Metric	Dist.
10.0.1.0/24	VLAN101	101	connected		1	0
10.0.2.0/24	VLAN201	201	connected		1	0
10.1.10.0/24	VLAN10	10	connected		1	0
10.1.20.0/24	10.0.1.1	101	static		1	1
127.0.0.0/8	reject		static		0	0
127.0.0.1/32	lo0		connected		1	0

A network administrator wants to create a backup IP route to 10.1.20.0/24 on Switch-1. The backup route should use Link 2, and it should only be used if Link 1 is down. What is the correct setup to accomplish this?

- A. an IP route through 10.0.2.2 with administrative distance 1
- B. an IP route through 10.1.20.1 with administrative distance 1
- C. an IP route through 10.0.2.2 with administrative distance 10
- D. an IP route through 10.1.20.1 with administrative distance 10

Correct Answer: D

## QUESTION 15

Refer to the exhibit.

```
[Comware] telnet server enable
[Comware] user-interface vty 0 15
[Comware-ui-vty0-15] authentication-mode password
[Comware-ui-vty0-15] set authentication password cipher password1
[Comware-ui-vty0-15] user privilege level 1
[Comware-ui-vty0-15] quit
[Comware] super authentication-mode local
[comware] super password level 3 cipher password2
```

An HP Comware switch is using its default user-interface settings. The network administrator then enters the commands shown in the exhibit. What correctly describes how an admin user must now log in?

- A. When the admin user logs in to the console port, the admin user must enter either a password of password1 or password2.
- B. When the admin user logs in using Telnet, the admin user must enter either a password of password1 or password2.
- C. When the admin logs in using Telnet, the admin user must enter a password of password1 and is given level 1 privileges.
- D. When the admin user logs in to the console port, the admin user must enter a password of password1 and is given



level 3 privileges.

Correct Answer: D

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