HP0-Y51$^{Q\&As}$

Building HP SDN and FlexNetwork Solutions

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QUESTION 1

What correctly describes the role of OpenFlow in an SDN solution?

A. OpenFlow regulates the communications among teamed SDN controllers, as well as between an SDN controller and a network infrastructure device

B. OpenFlow integrates the SDN controller into a larger management suite such as that provided in an HP CloudSystern solution.

C. OpenFlow is a communication protocol that an SDN controller can use to control devices at the network infrastructure layer.

D. OpenFlow is the open standard technology that regulates SDN control plane and application plane communications.

Correct Answer: C

Reference: http://searchsdn.techtarget.com/guides/OpenFlow-protocol-tutorial-SDN-controllers- and-applications-emerge

QUESTION 2

Table of acronyms

| EVI	Ethernet Virtual Interconnect
FCoE	Fibre Channel over Ethernet
L2VPN	Layer 2 Virtual Private Network
MDC	Multitenant Device Context
MPLS	Multiprotocol Label Switching
SPBM	Shortest Path Bridging MAC-in-MAC mode
TRILL	Transparent Interconnection of Lots of Links
VPLS	Virtual Private LAN Service
VPN	Virtual Private Network
LDP	Label Distribution Protocol

Refer to the exhibit.
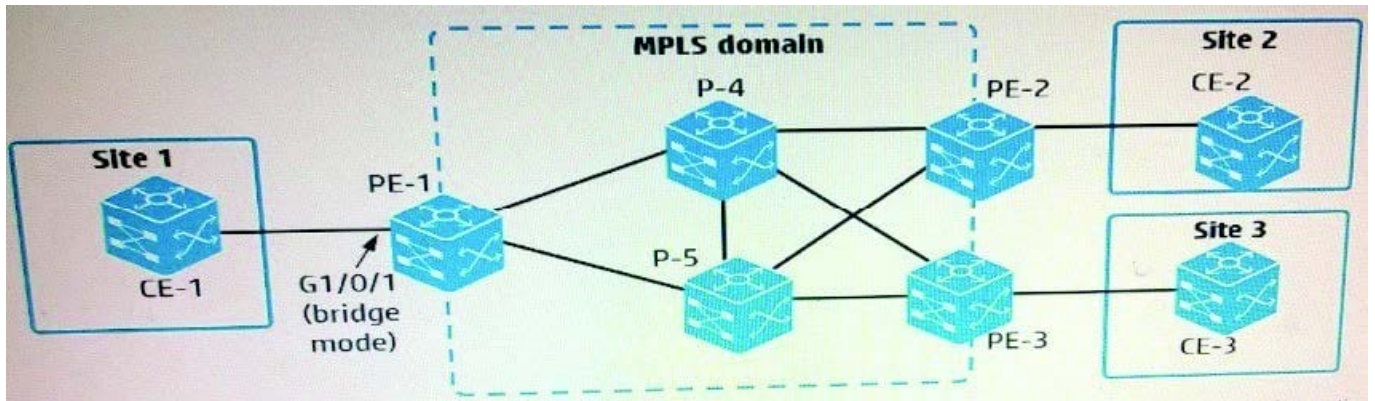
An administrator is setting up an MPLS and L2VPN virtual circuit (VC) between customer Site 1 and Site 2. The administrator is creating a global cross-connect group, which uses LDP signaling, on PE-1. Which two elements are required to do this?

A. An AC connection (specifies a service instance on g1/0/1) and a peer (PE-2)

B. A peer (PE-2) and a VPN instance (associated with g1/0/1)

C. A peer (PE-2) and a VLAN ID (access VLAN or. g1/0/1)

D. An AC connection (specifies a service instance on g1/0/1) and a VPN instance (associated with g1/0/1)

Correct Answer: CD

QUESTION 3

Refer to the exhibit.
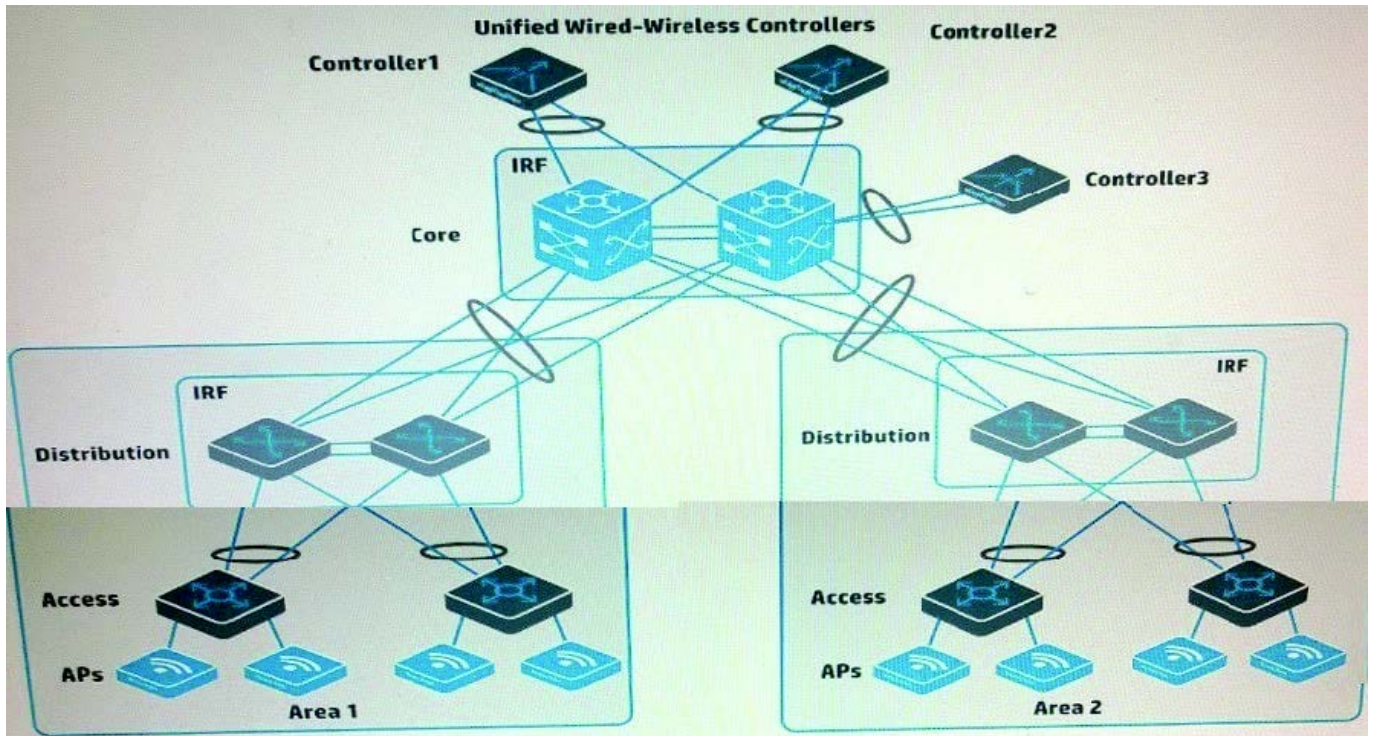
A company has two HP Unified Wired-Wireless controllers. The MSM APs in Area 1 in the exhibit are controlled by Controller1. The MSM APs in Area 2 in the exhibit are controlled by Controlled. The company purchases a Controlled to provide backup for both Controller1 and Controller2 (N+1 redundancy).

How does the administrator set up the APs in Area 1 so that they contact Controlled if Controller1 fails?

A. Create a roam group that includes Controller1, Controlled, and Controlled. Make sure that Controlled has the highest IP address

B. Create AP templates for the area 1 APs on Controlled and set its connection priority for these APs to 7.

C. Create a backup AC configuration group between Controller1 and Controlled. Enable Fast Backup on the group.

D. On Controller1, configure the new controller\\'s IP address as the backup controller for the APs

Correct Answer: B

QUESTION 4

Refer to the exhibit.

```
{
"flow": {
"priority": 30000,
"idle_timeout": 60,
"match": [
{"eth_src": "00:50:56:11:11:11"},
{"eth_dst": "00:50:56:22:22:22"},
],
"actions": [{"output": 1}]
}
```

A company has an HP VAN SDN Controller that controls HP Provision switches. An SDN developer creates an application that needs to make many immediate decisions for handling traffic. The application is programmed to create rules such as those shown in the exhibit

Which change could improve performance by letting the hardware handle the flows?

A. Change the idle timeout to 0 and specify table ID 200.

B. Create a service insertion tunnel, and change this rule to output to this tunnel.

C. Explicitly force this rule to use Table 0.

D. In the match criteria, list a specific Ethernet type such as IPv4.

Correct Answer: B

QUESTION 5

A company has an HP BYOD solution with these requirements:

Employees can connect their own devices to an Employees SSID, which enforces Wi-Fi Protected Access 2 (WPA2) with 802.1X.

User Access Manager (UAM) is the RADIUS server for 802.1X authentication, and it enforces EAP-TLS.

The employees will first connect to an open SSID, access a portal page, and download the proper certificates for completing 802.1X authentication.

To meet these requirements, an administrator needs to deploy the correct certificate templates on UAM. What determine deploy?

A. Whether the company uses Active Directory (AD) or Open LDAP

B. Type of endpoint devices and the device operating systems (OS)

C. Government regulations with which the company must comply

D. Level of security that the company requires

Correct Answer: B

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