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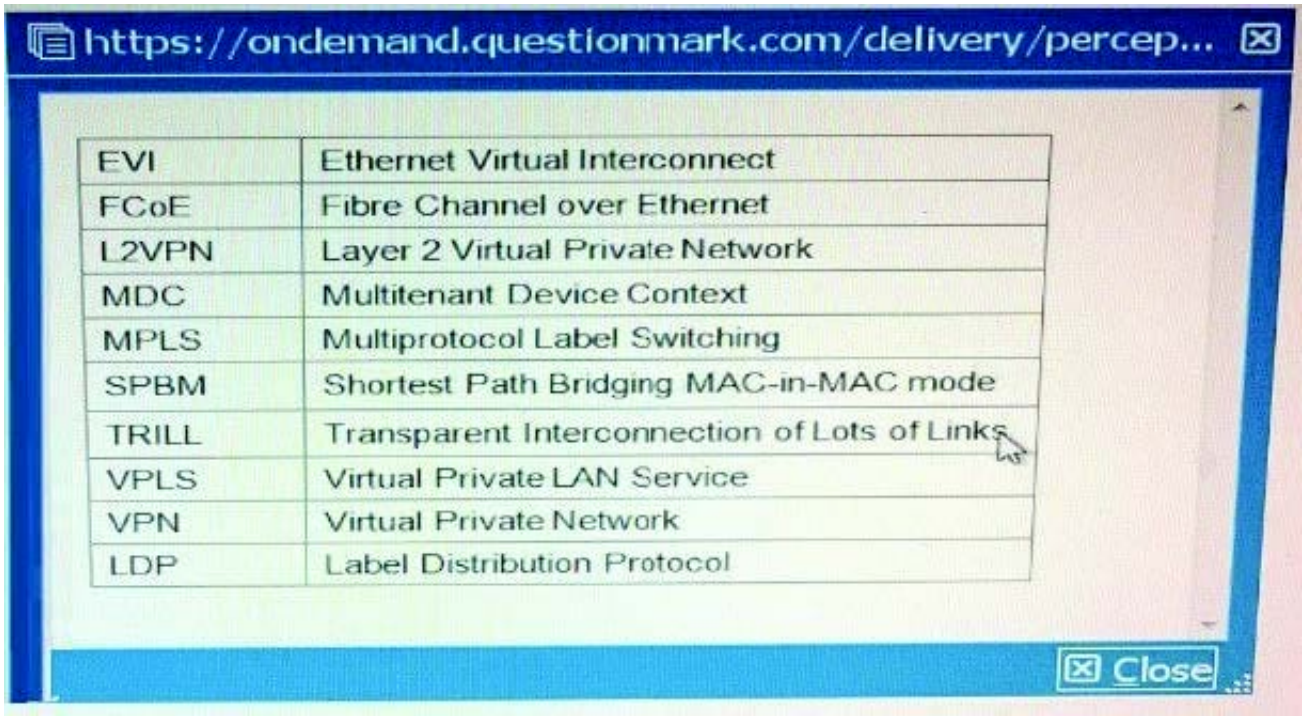
QUESTION 1

Table of Acronyms



An HP Comware switch is configured with the MDC feature. It has three MDCs, which use the same CPU and are assigned these CPU weights:

MDC 1 = 10

MDC 2 = 4

DC 3 = 2

Currently:

MDC 1 needs to use 25 percent of the CPU resources.

MDC 2 needs to use 60 percent of the CPU resources.

MDC 3 needs to use 60 percent of the CPU resources.

Approximately what percentage of the CPU does each MDC receive while at the current CPU request rates?

A. MDC 1 = 25 percent, MDC 2 = 50 percent, and MDC 3 = 25 percent

B. MDC 1 = 63 percent, MDC 2 = 25 percent, and MDC 3 = 12 percent

C. MDC 1 = 10 percent. MDC 2 = 4 percent, and MDC 3 = 2 percent

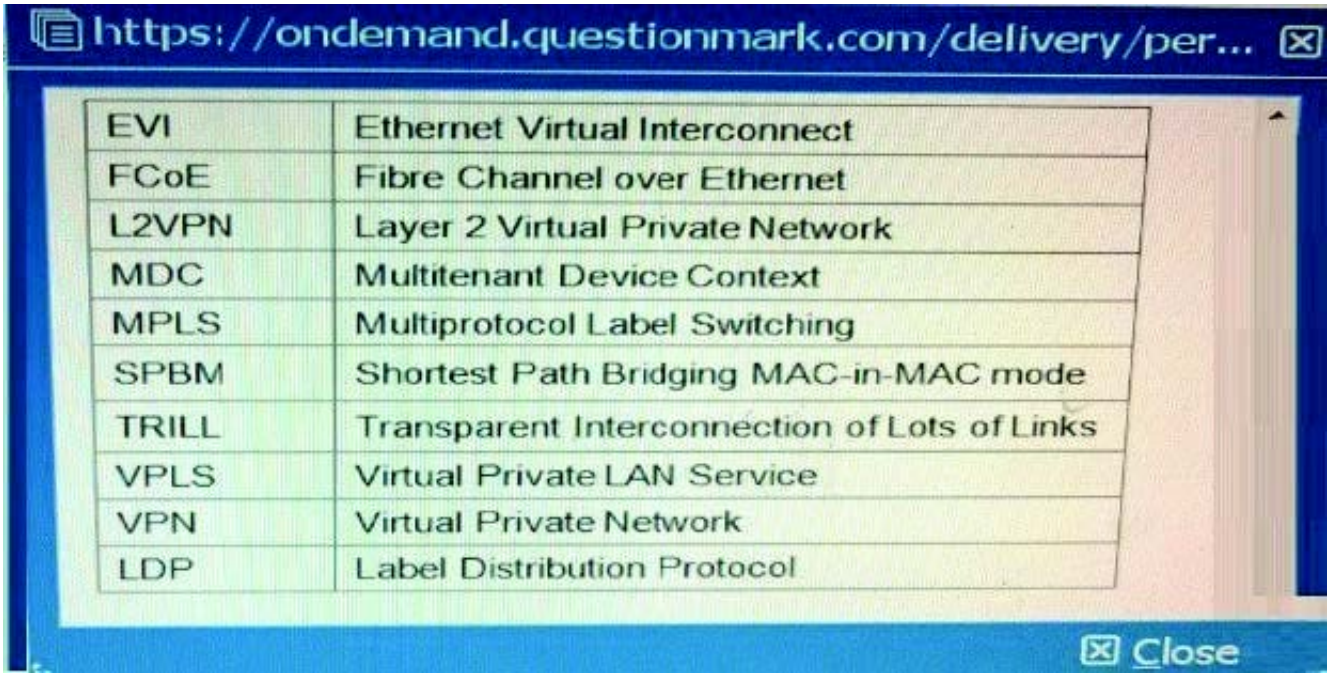
D. MDC 1 = 25 percent. MDC 2 = 25 percent, and MDC 3 = 12 percent

Correct Answer: B

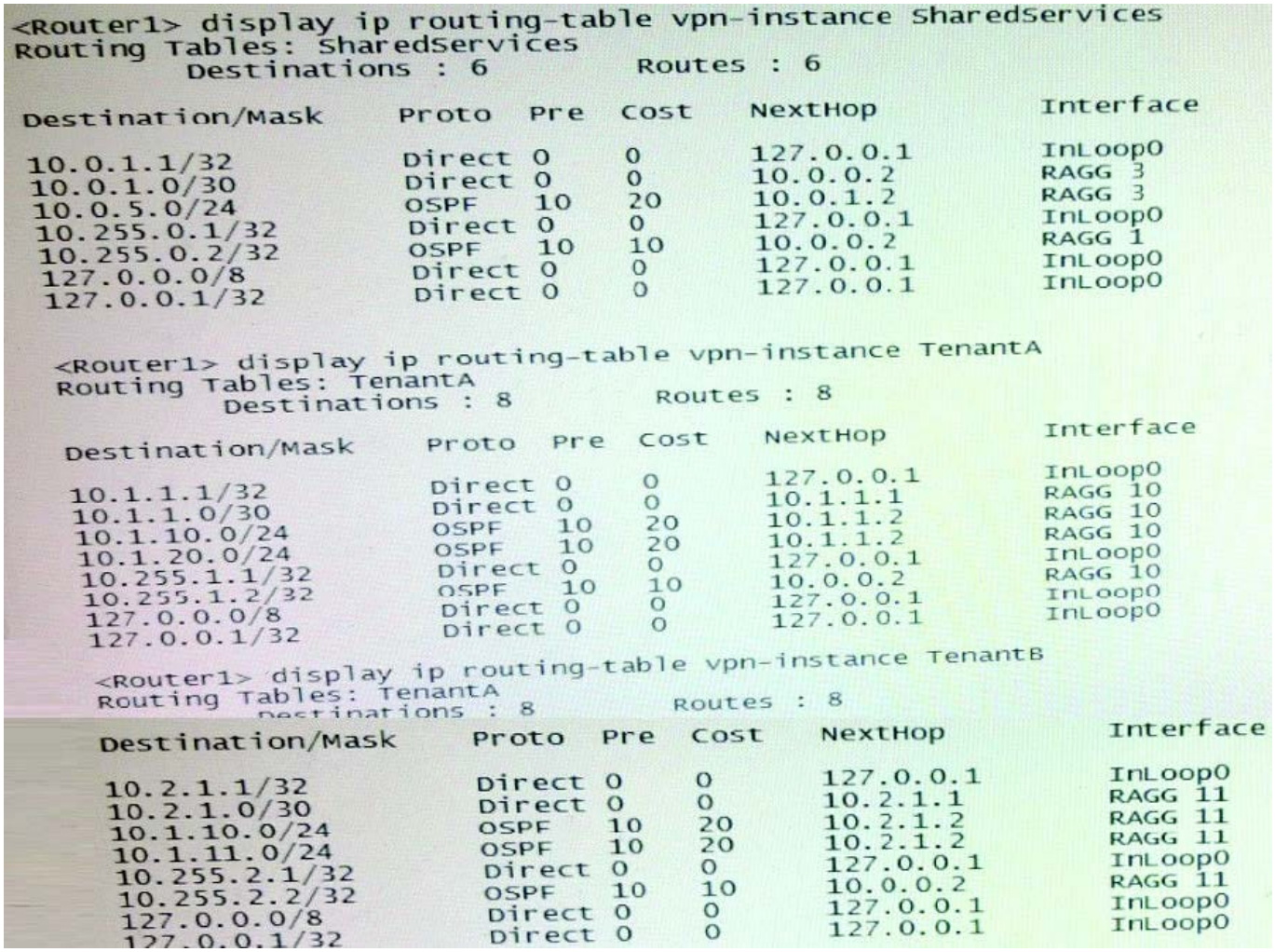
Reference: http://h10032.www1.hp.com/ctg/Manual/c03595099 (page 209, see `specifying a CPU weight for an MDC\\')

QUESTION 2

Table of Acronyms



Refer to the exhibit.



```
<Router1> display ip routing-table vpn-instance SharedServices
Routing Tables: SharedServices
         Destinations : 6        Routes : 6

Destination/Mask    Proto   Pre  Cost      NextHop         Interface

10.0.1.1/32         Direct  0    0         127.0.0.1       InLoop0
10.0.1.0/30         Direct  0    0         10.0.0.2        RAGG 3
10.0.5.0/24         OSPF    10   20        10.0.1.2        RAGG 3
10.255.0.1/32       Direct  0    0         127.0.0.1       InLoop0
10.255.0.2/32       OSPF    10   10        10.0.0.2        RAGG 1
127.0.0.0/8         Direct  0    0         127.0.0.1       InLoop0
127.0.0.1/32        Direct  0    0         127.0.0.1       InLoop0

<Router1> display ip routing-table vpn-instance TenantA
Routing Tables: TenantA
         Destinations : 8        Routes : 8

Destination/Mask    Proto   Pre  Cost      NextHop         Interface

10.1.1.1/32         Direct  0    0         127.0.0.1       InLoop0
10.1.1.0/30         Direct  0    0         10.1.1.1        RAGG 10
10.1.10.0/24        OSPF    10   20        10.1.1.2        RAGG 10
10.1.20.0/24        OSPF    10   20        10.1.1.2        RAGG 10
10.255.1.1/32       Direct  0    0         127.0.0.1       InLoop0
10.255.1.2/32       OSPF    10   10        10.0.0.2        RAGG 10
127.0.0.0/8         Direct  0    0         127.0.0.1       InLoop0
127.0.0.1/32        Direct  0    0         127.0.0.1       InLoop0

<Router1> display ip routing-table vpn-instance TenantB
Routing Tables: TenantA
         Destinations : 8        Routes : 8

Destination/Mask    Proto   Pre  Cost      NextHop         Interface

10.2.1.1/32         Direct  0    0         127.0.0.1       InLoop0
10.2.1.0/30         Direct  0    0         10.2.1.1        RAGG 11
10.1.10.0/24        OSPF    10   20        10.2.1.2        RAGG 11
10.1.11.0/24        OSPF    10   20        10.2.1.2        RAGG 11
10.255.2.1/32       Direct  0    0         127.0.0.1       InLoop0
10.255.2.2/32       OSPF    10   10        10.0.0.2        RAGG 11
127.0.0.0/8         Direct  0    0         127.0.0.1       InLoop0
127.0.0.1/32        Direct  0    0         127.0.0.1       InLoop0
```

An administrator wants to route all external traffic from VPN instances "TenantA" and "TenantB" to a firewall at 10.0.5.5 instance "SharedServices". In addition to setting up the routes between the instances, what is another requirement for this scenario?

A. A router must implement Network Address Translation (NAT) to translate overlapping tenant network addresses.

B. Route leaking must be enabled globally on Router1, as well as on each of the VPN instances.

C. The RAGG 3 interface must be added to VPN instances "TenantA" and "TenantB".

D. Route leaking must be enabled globally on Router1.

Correct Answer: C

QUESTION 3

A company has HP MultiService Mobility (MSM) APs that receive DHCP addresses on several different subnets. The APs are controlled by an MSM Controller. The company is considering replacing the MSM Controller with a Unified

Wired-Wireless controller. The administrator runs a proof of concept test in which some of these APs are discovered and controlled by the Unified Wired-Wireless controller. Now the administrator wants to return the APs to being controlled by the MSM Controller.

The network administrator performs these actions:

Ensures that the Colubris vendor-specific option in each AP subnet DHCP scope references the MSM Controller IP address

Reboots the APs.

The MSM Controller never succeeds in discovering the APs. A debug reveals that the APs are not contacting the controller at all.

Which action could fix this problem?

A. Reset the APs to the factory default settings

B. In each AP DHCP scope, delete the Colubris vendor-specific option

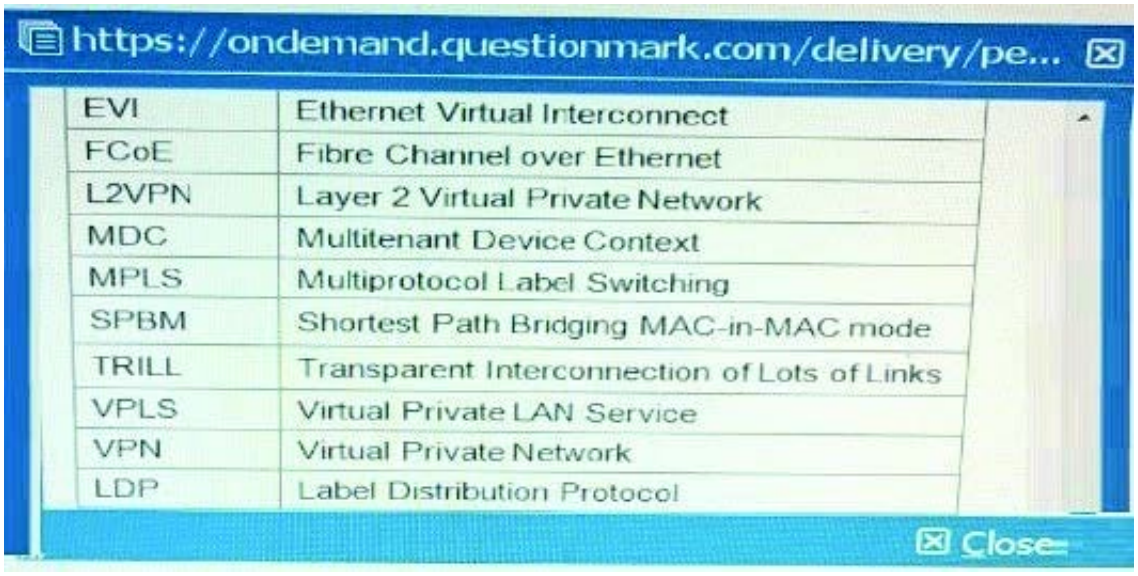
C. Add a DNS host entry that maps hp example com to 10.1.10.20.

D. Upload MSM software to the HP Wired-Wireless controller flash.

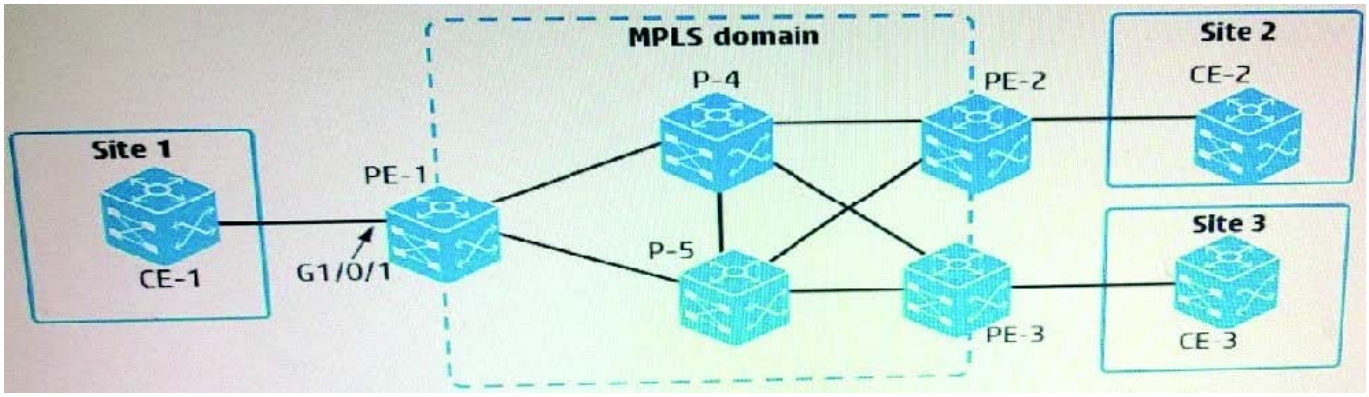
Correct Answer: A

QUESTION 4

Table of Acronyms



Refer to the exhibit.



An administrator is setting up MPLS Layer 2 VPN connections between several customer sites:

Connection 1 = Customer site 1 to customer site 2

Connection 2 = Customer site 1 to customer site 3

On PE-1, interface GigabitEthernet1/0/1 connects to CE-1 at site 1. Which setup establishes the desired connections?

A. CE-1 connects to CE-2 in one VLAN, which it assigns to VPN instance 1. It connects to CE-3 in a different VLAN, which it assigns to VPN instance 2. PE-1 instant places G1/0/1 in both VPN instances 1 and 2 and associates each VPN instance with a PW for one of the connections.

B. CE-1 connects to CE-2 in one VLAN and to CE-3 in a different VLAN. PE-1 has two services instances on G1/D/1. One instance encapsulates one VLAN ID and has PW to PE-2, and the other instance encapsulates the other VLAN and has a PW to PE-3

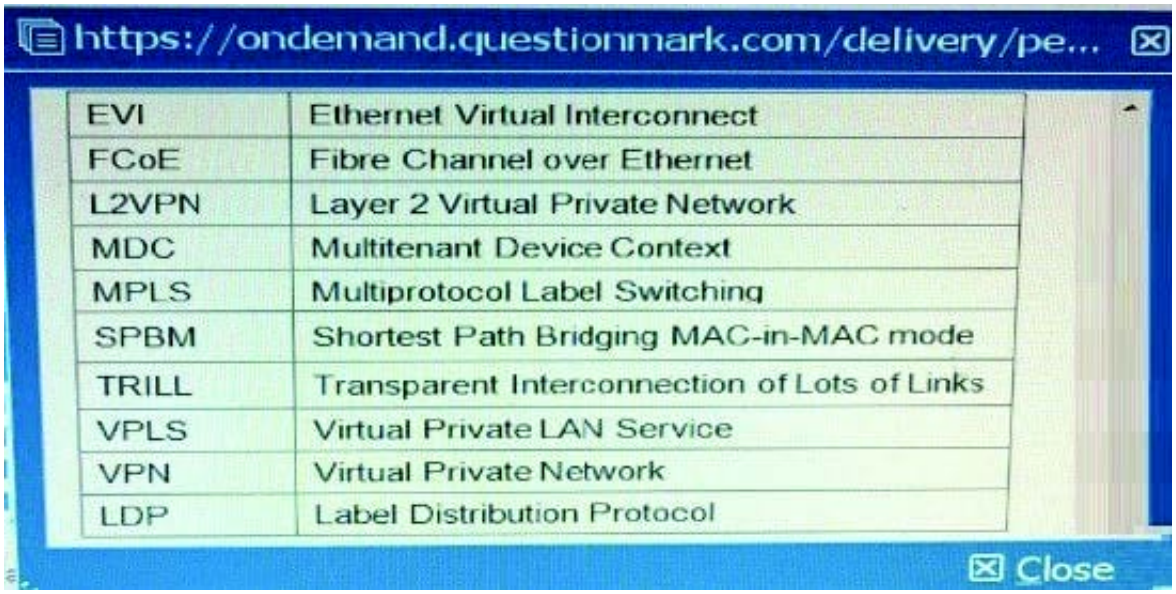
C. PE-1 has two policy-based routing (PBR) policies, each of which selects traffic destined to Site 2 or Site 3. The appropriate policy is applied to the PW for each connection

D. CE-1 implements MPLS. It establishes two PWs with PE-1, one for its connection to CE-2 and one for its connection to CE-3. PE-1 maps the out label for the first PW to the in label for a PW to PE-2. It maps the labels similarly for a PW to PE-3.

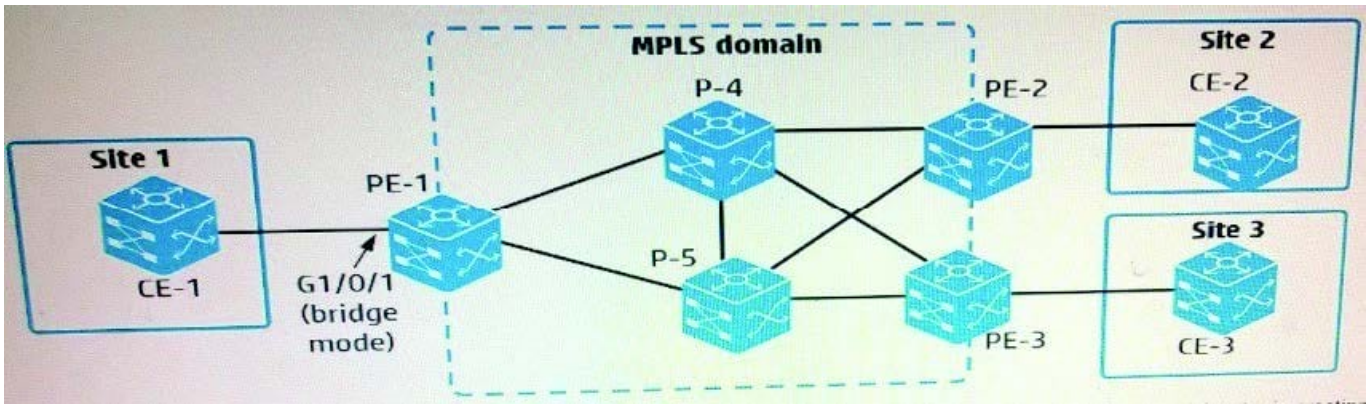
Correct Answer: A

QUESTION 5

Table of acronyms



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 6

Which OpenFlow use case is an example of Network Functions Virtualization (NFV)?

A. Use OpenFlow to deploy configurations using IMC VAN SDN Manager.

B. Use OpenFlow to implement a router on an open-vswitch.

C. Use OpenFlow to replace the need of an snmp-agent on the switch.

D. Use OpenFlow to implement traffic prioritization on the edge.

Correct Answer: C

QUESTION 7

An HP Unified Wired-Wireless controller controls an AP. The AP implements centralized forwarding. It supports 802.11n clients that implement Wi-Fi Multimedia (WMM) or 802.11 e. Some of the clients are sending traffic in high priority WMM queues.

How does the AP help to ensure that this traffic is prioritized in the wired LAN?

A. It maps 802.11 values from wireless traffic to DiffServ Code Points (DSCP) in packets tunneled to the controller.

B. It implements 802.11n fair scheduling on the port that connects to the switch.

C. It maps 802.1p values from wireless traffic to 802.11 e values in packets forwarded into the LAN.

D. It implements Spectralink and uses Spectralink-to-WMM compliance mode.

Correct Answer: A

QUESTION 8

A company has an HP Unified Wired-Wireless controller that controls HP MultiService Mobility (MSM) APs. The network administrator wants to implement protection against rogue APs in the company\\'s campus environment. Only APs that have approved MAC addresses should be allowed to operate and support clients. Controlled APs should send disassociation frames to prevent clients from connecting to rogue APs.

The administrator sets up APs to monitor the area and creates a permitted MAC address list with the approved AP MAC addresses. The administrator has not configured any other Intrusion Detection System (IDS) settings. Which additional step must the administrator complete?

A. Enable a dynamic blacklist.

B. Configure the permitted vendor and permitted SSID lists.

C. Enable countermeasures.

D. Deploy the permitted MAC address list as a static attack list to each controlled AP

Correct Answer: C

QUESTION 9

A company has an external SDN application that works with an HP VAN SDN Controller. The application programmer has tried testing several RESTful API calls but receives authentication errors. What does the administrator need to explain to the programmer?

A. Every RESTful API call must include an X-Auth token. The token can be obtained by sending a calf with valid credentials https.Controller_IP.8443/sdn/v2.0/ auth

B. Every RESTful API call must include a valid username and password. The only exception is when the AuthRequired parameter is set to false in restful conf file.

C. Every RESTful API call must include an X-Auth token. The token must be created by a valid certification authority (CA) and installed on both the controller and external application in advance.

D. The application must be installed with a certificate that is signed by the same certification authority (CA) that signed the VAN SDN Controller certificate.

Correct Answer: C

QUESTION 10

A Company has APs that are deployed relatively close together. These APs are controlled by an HP Unified Wired-Wireless controller. Which setting helps to prevent the APs from interfering with each other while also letting the APs extend their coverage area if one of the AP fails?

A. Channel reuse

B. Dynamic frequency selection (DFS)

C. Transmit power control (TPC)

D. Fair scheduling

Correct Answer: A