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QUESTION 1

Table of Acronyms

The screenshot shows a web browser window with the address bar containing <https://ondemand.questionmark.com/delivery/per...>. The main content area displays a table with two columns: the acronym and the full name of the technology. The table is as follows:

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

A "Close" button is visible in the bottom right corner of the browser window.

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
10.1.20.0/24        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 2

Table of Acronyms Refer to the exhibit.



<https://ondemand.questionmark.com/delivery/perce...>

EVI	Ethernet Virtual Interconnect
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Close



```
#Device1 partial running-config
evi site-id 1
interface GigabitEthernet1/0/1
  port access vlan 101
  evi enable
interface vlan-interface101
  ip address 10.0.0.2 255.255.255.0
interface tunnel 1
  source 10.0.0.2
  evi network-id 1
  evi neighbor-discovery server enable
  evi neighbor-discovery client enable 10.0.2.2

#Device2 partial running-config
evi site-id 2
interface GigabitEthernet1/0/1
  port access vlan 102
  evi enable
interface vlan-interface102
  ip address 10.0.2.2 255.255.255.0
interface tunnel 1
  source 10.0.2.2
  evi network-id 2
  evi neighbor-discovery server enable
  evi neighbor-discovery client enable 10.0.0.2

#Device3 partial running-config
evi site-id 3
interface GigabitEthernet1/0/1
  port access vlan 103
  evi enable
interface vlan-interface103
  ip address 10.0.3.2 255.255.255.0
interface tunnel 1
  source 10.0.3.2
  evi network-id 3
  evi neighbor-discovery client enable 10.0.0.2
  evi neighbor-discovery client enable 10.0.2.2
```

A company has three data centers, each with a connection to a service provider network. The administrator has configured the settings shown in the exhibit, but the EVI links are not coming up. What should the administrator do to correct the problem?

- A. Change the EVI site ID on each device to match.
- B. Add destination IP addresses to the tunnel interfaces.
- C. Enable 1S-1S on the VLAN interfaces that connect to the service provider.
- D. Change the EVI network ID on each device to match.

Correct Answer: C

**QUESTION 3**

A large shopping center has an HP BYOD solution with these requirements:

User Access Manager (UAM) should provide the portal in which guests register their own accounts.

Guests should only have to register and log in once. After that, the guest device automatically logs in by MAC address.

Each shop has its own SSID.

The administrator wants UAM to display a custom portal page to users based on the SSID to which they connect. What is the proper way to configure this solution?

- A. In the guest access service, bind different SSIDs to different portal pages.
- B. In the global guest registration settings, add an SSID map, which binds SSIDs to portal pages.
- C. In the access service assigned to the BYOD Anonymous account, bind different SSIDs to different portal pages.
- D. In the global portal settings, add an SSID map, which binds SSIDs to portal pages.

Correct Answer: D

QUESTION 4

An HP Virtual Cloud Networking (VCN) SDN Application runs on an HP VAN SDN Controller. How does VCN help to provision networking for virtualized services in a cloud solution?

- A. By using northbound RESTful APIs to receive information from servers and switches acting as Network Functions Virtualization (NFV)-complaint routers
- B. By using northbound Java APIs to integrate with and configure Ethernet Virtual Bridging (EVB) applications
- C. By using southbound OpenStack Layer 2 Agent APIs to set up the correct VLANs on virtual switches, as well as tunnels between virtual switches
- D. By using southbound RADIUS APIs to provision dynamic VLANs on data center switches, basing those VLANs on the customer identity

Correct Answer: C

QUESTION 5



An SDN application needs to create reactive flow table entries in response to specific packets. The flow_mod APIs will create the actual entries, but application must be configured with another API as part of this function.

What is that API?

- A. A sequence packet listener (SPL) API that specifies the Director role and the match criteria for the packets
- B. A listener API that registers the application to listen for data paths
- C. A listener API that registers the application to listen for meters
- D. A sequence packet listener (SPL) API that specifies the Advisor role and the match criteria for the packets

Correct Answer: B

QUESTION 6

When should an administrator enable hybrid mode on an HP VAN SDN Controller?

- A. When the controller must manage HP Provision switches that use virtualization mode to enable OpenFlow on some VLANs but not on others
- B. When the controller must manage HP Provision switches that operate in passive mode
- C. When the controller must manage Mininet switches in a developer environment and HP switches in a production environment
- D. When the controller must manage OpenFlow-enabled switches that support both OpenFlow 1.0 and 1.3

Correct Answer: D

Reference: <http://h20564.www2.hp.com/hpsc/doc/public/display?docId=c04383845> (page 73)

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

Table of Acronyms Exhibit 1

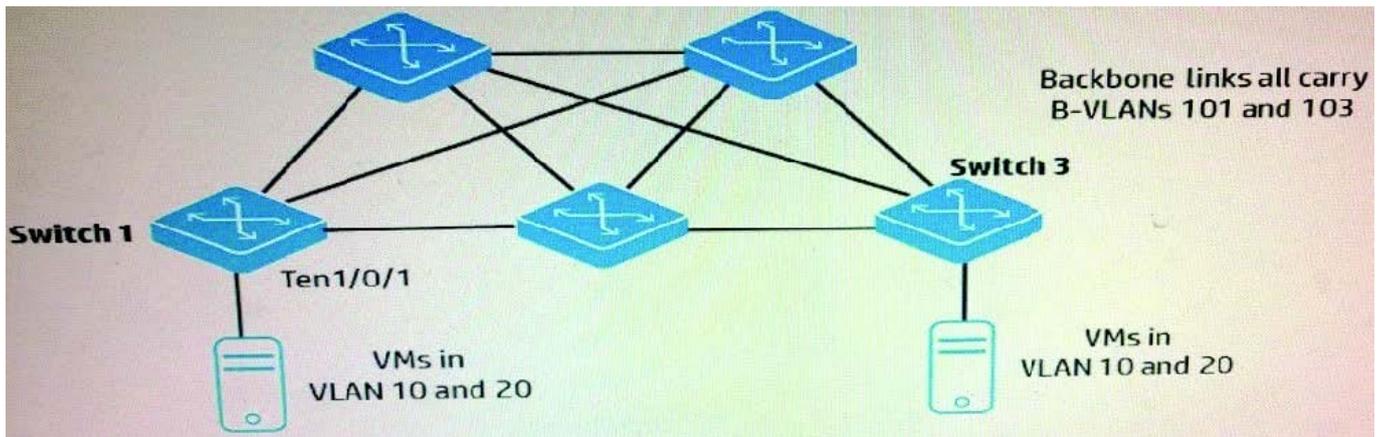


Exhibit 2 The switches shown in the exhibit are implementing SPBM. The administrator is now setting up interface ten1/0/1 to connect to a new VMware host. What is the correct port type and VLAN assignment for the interface?

```
#Portions of the running-config for switch 1

vsi 10
  spb i-sid 10
  b-vlan 101
#
vsi 20
  spb i-sid 10
  b-vlan 103

interface Ten-GigabitEthernet1/0/1
  port link-mode bridge
  service-instance 1
    encapsulation s-vid 10
  xconnect vsi 10
  service-instance 2
    encapsulation s-vid 20
  xconnect vsi 20
```

- A. Trunk port that permits VLANs 101 and 103
- B. Hybrid port that permits VLANs 201 and 203



- C. Trunk port that permits VLANs 10 and 20
- D. Access port that permits the default VLAN

Correct Answer: A

QUESTION 9

Table of Acronyms

Acronym	Full Name
EVI	Ethernet Virtual Interconnect
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VPN	Virtual Private Network
LDP	Label Distribution Protocol

Which HP IMC module helps companies to manage TRILL and SPBM solutions, as well as converged LAN/SAN solutions?

- A. HP VAN Connection Manager
- B. HP VAN SDN Manager
- C. HP VAN Resource Manager
- D. HP VAN Fabric Manager

Correct Answer: B

QUESTION 10

A company has an HP Network Protector SDN Application with these characteristics:

The Network Protector whitelist for all user VLANs includes site1.example.com. The blacklist for all user VLANs includes



site1.example.com with a time range

of

9:00 to 17:00.

The Rep DV database includes site1 example.com with a reputation score of 90.

An endpoint attempts to browse to site1.example.com. How does Network Protector classify DNS requests for site1.example.com?

- A. It always flags the requests as threats.
- B. It flags the requests as threats between 17:00 and 9:00.
- C. It flags the requests as threats between 9:00 to 17:00.
- D. It never flags the requests as threats.

Correct Answer: D

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