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Building HP SDN and FlexNetwork Solutions

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QUESTION 1

A company has a Unified Wired-Wireless controller solution, which uses its local portal to authenticate guests.

The company is adding an HP BYOD solution with these requirements:

The User Access Manager (UAM) server with IP address 10.1 3.4 should provide the portal in which guests register own accounts

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

The administrator removes the local portal settings and begins to reconfigure the solution. What is one change that the administrator must take to the settings for the Guest SSID?

A. Apply an ACL that redirects HTTP traffic to 10.1.3.4.

B. Configure the associated WLAN-ESS interface as a hybrid port and enable MAC-based VLANs.

C. Create a domain that specifies 10.1.3.4 as the RADIUS server and define that as the portal domain.

D. Set up a remote portal server that specifies the UAM IP address and portal URL.

Correct Answer: B

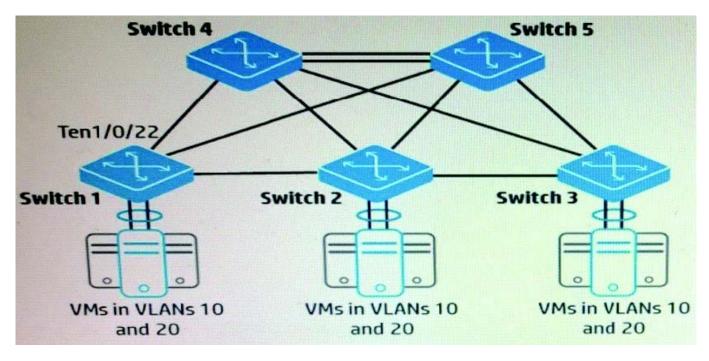
QUESTION 2

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.



The switch shown in the exhibit should from a TRILL region. For Switch 1 interface ten1/0/22, what is a valid port link-type and TRILL port type?

- A. port link type = access port in any VLAN TRILL port type = TRILL access port
- B. port link type = access port in any VLAN TRILL port type = TRILL trunk port
- C. port link type = trunk port that permits VLMs 10 and 20 TRILL- port type = TRILL access port
- D. port link type = hybrid port with untagged VLANs 10 and 20 TRILL port type = TRILL hybrid port



Correct Answer: C

QUESTION 3

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 4

A company is adding an HP BYOD solution. 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.

UAM has these settings:

User account BYOD Anonymous = Assigned to Access service 1

Guest access service = Access service 2

Access service 1: Default access policy = Access policy 1

Access policy 1: No certificate authentication and User VLAN 8

Access service 2. Default access policy = Access policy 2

Access policy 2: No certificate authentication and User VLAN 88

How should the administrator configure portal authentication (HTTP redirection)?

A. Set up portal authentication to UAM in the Unified Wired-Wireless controller VLAN 88 settings

B. Set up portal authentication to UAM in the Unified Wired-Wireless controller Guest SSID settings.



- C. Set up portal authentication on the default gateway for VLAN 88.
- D. Set up portal authentication to UAM on the default gateway for VLAN 8.

Correct Answer: B

QUESTION 5

A company has three HP VAN SDN Controllers, which will be deployed in a team. The administrator is deciding whether to create one region or three regions. What is a benefit of creating three regions rather than one region?

A. The team can load balance the team leader role, increasing the total number of RESTful API and Java API calls that the solution can handle.

B. The team can provide high availability for SDN application functions rather than only for the OpenFlow controller functions rather than only for the OpenFlow controller functions.

C. The team can load balance the Master OpenFlow controller role, increasing the total number of packetin messages per second that the solution can handle.

D. The team can provide high availability for all the OpenFlow controller functions rather than only for the SDN application functions.

Correct Answer: C

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