



HP

HPE0-Y53 Exam

Building HPE SDN and FlexNetwork Solutions

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Version: 9.0

Question: 1

An HP Comware switch is controlled by a team of HP VAN SDN Controllers. The controllers have these roles within the region that contains the switch.

Controller 1 = Master

Controller 2 Primary slave

Controller 3 =Secondary slave

A failed network connection causes Controller 1 to lose contact with the switch. Controller 2 and Controller 3 can still reach all the controlled devices. Controller 1 is still up and has contact with other controllers and switches. How does the team handle this situation?

- A. Controller 1, as master, contacts OpenFlow-enabled devices near the switch and attempts to repair the connection.
- B. Controller 2 becomes the master for this switch, although Controller 1 remains master for other switches.
- C. Controller 1, as master, removes the switch from any active flows and sends updated flows to Controller 2 and Controller 3.
- D. Controller 2 becomes the master for all switches in the region, and Controller 1 becomes the primary slave for the region.

Answer: B

Question: 2

Refer to Exhibits:

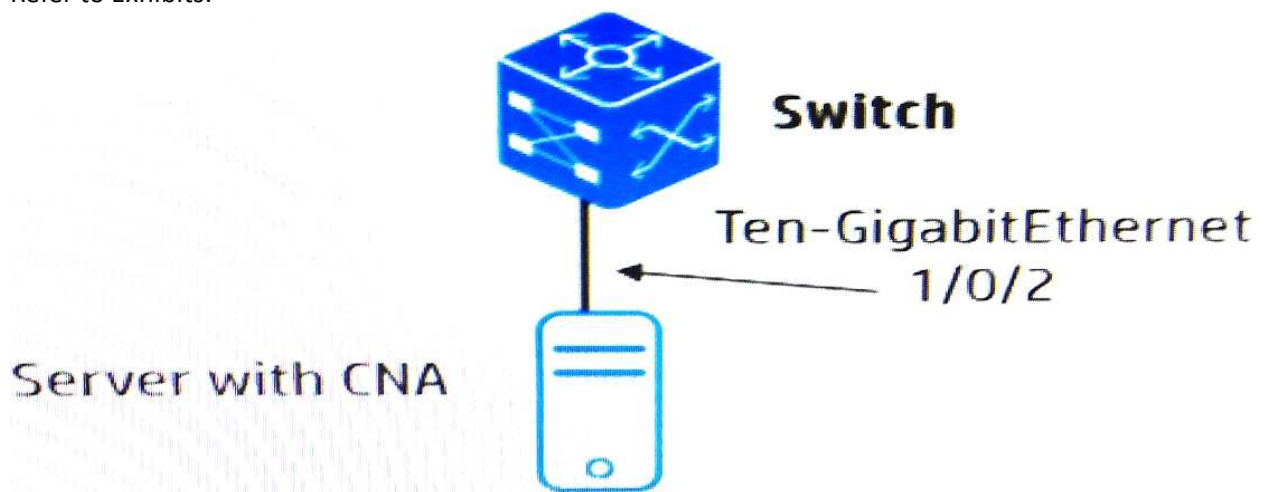


Exhibit 2

```
#
lldp global enable
#
qos policy fcoe
  classifier fcoe behavior dot1p3 mode dcbx
traffic classifier fcoe
  if-match acl 4000
traffic behavior dot1p3
  remark dot1p 3
acl number 4000 name fcoe
  rule 5 permit type 8906 ffff
#
interface TenGigabit-Ethernet1/0/2
  lldp tlv-enable dot1-tlv dcbx
  qos apply policy fcoe outbound
  priority-flow-control auto
```

The switch and server will transmit Fibre Channel over Ethernet (FCoE) traffic on the Ethernet link. If congestion occurs, the devices should pause the FCoE transmissions rather than drop them. What must the network administrator do on interface Ten-GigabitEthernet 1/0/2 to enable this behavior?

- A. Enable Enhanced Traffic Selection (ETS) TLVs.
- B. Assign the QoS policy as an inbound policy.
- C. Set the priority flow control no-drop queue to 802.1p3.
- D. Configure queue3 as a strict priority (sp or groupO) queue.

Answer: C

Question: 3

Which technology is best suited for isolating tenants within a data center that must support many tenants?

- A. TRILL
- B. MDC
- C. SPBM
- D. EVI

Answer: B

Question: 4

An HP Comware switch has four MDCs defined on it. Network administrators need to set up SSH access to each MDC and want to use the Management-Ethernet interface for that purpose. What is a valid configuration?

- A. The same Management-Ethernet interface is assigned to each MDC. Each MDC assigns the same IP address to this interface.
- B. The Management-Ethernet interface is divided into four subinterfaces, each of which is assigned to an MDC. Each MDC assigns a different IP address to its subinterface.
- C. The same Management-Ethernet interface is assigned to each MDC. Each MDC assigns a different IP address to this interface.
- D. The Management-Ethernet interface is divided into four subinterfaces, each of which is assigned to an MDC. Each MDC assigns the same IP address to its subinterface.

Answer: D

Question: 5

A company has a data center, which hosts production services, as well as development and quality assurance services. The network infrastructure for all services should be isolated. The company also needs a highly available, resilient large Layer 2 network for each set of services. What are two technologies that could be combined for the data center Layer 2 solution?

- A. MDC and TRILL
- B. SPBM and VPLS
- C. SPBM and TRILL
- D. VPLS and TRILL

Answer: A

Question: 6

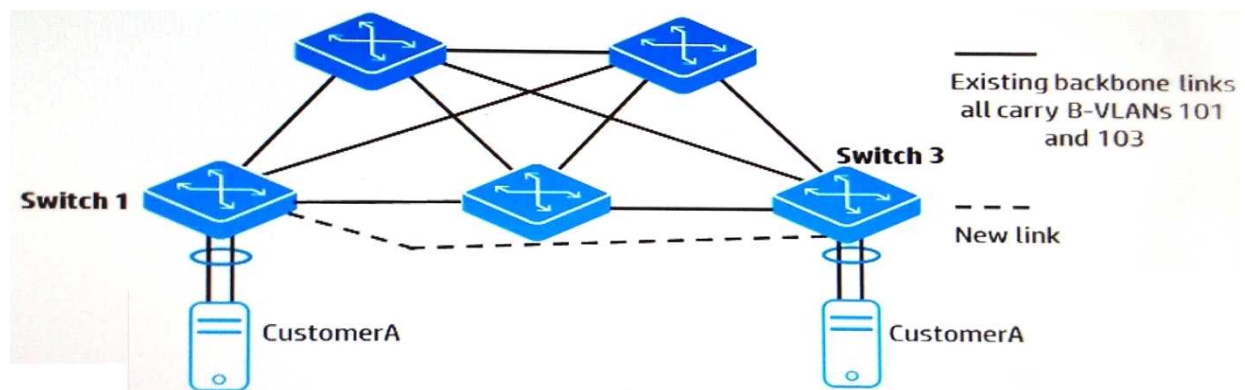
A company is using HP Network Visualizer to monitor traffic transmitted and received by users in specific Active Directory user groups. The company wants to send traffic to a different server from the controller and have that server store the captured packets in PCAP format. How would the network administrator configure this solution to meet these requirements?

- A. by setting up a remote mirroring session
- B. by setting the destination server's IP address in the capture session
- C. by setting up a managed remote destination
- D. by setting up a remote syslog server to receive controller log messages

Answer: B

Question: 7

Refer to Exhibit:



The switches in the exhibit are using SPBM. An administrator wants to send CustomerA traffic directly over the new link, shown by the dotted line in the exhibit, as a premium service for that customer. The existing links will be used for backup. The new link is reserved for CustomerA traffic. How does the administrator set up Switch 1 to help to achieve this goal?

- A. by assigning the CustomerA interfaces and the specific links in the path to the same S-VLAN ID
- B. by creating a PW connection between Switch 1 and Switch 3, and mapping the CustomerA service instance to that PW
- C. by setting up a new B-VLAN and assigning it to the new link and the backup links, and mapping the CustomerA I-SID to that B-VLAN
- D. by changing the CustomerA I-SID 255 and defining the interface for the reserved link as the priority path in I-SID 255

Answer: C

Question: 8

An HP Provision switch supports VLANs 1, 10, 20, and 30. A network administrator wants to create an OpenFlow instance on the switch. This instance should only apply to VLAN 10. The switch reaches the HP VAN SDN Controller in VLAN 20.

How should the administrator begin to set up the instance?

- A. as a named instance with member VLAN 20
- B. as an aggregate instance that excludes VLAN 1 and 30
- C. as a named instance with member VLAN 10
- D. as an aggregate that excludes VLAN 1, 20, and 30

Answer: C

Question: 9

DRAG DROP

Evaluate each scenario for multi-tenant isolation, and match the scenario to the technology that best meets its needs.

<u>Scenario</u>	<u>Technology</u>
MAC table isolation	SPBM
Routing table isolation	MDC
Hardware isolation	MCE

Answer:

	SPBM	
	MCE	
	MDC	

Question: 10

Which benefit does the HP Network Visualizer SDN Application provide that traditional traffic mirroring does not?

- A. Administrators can send traffic directly to an HP cloud solution for deep analysis.
- B. Switches can mirror traffic that has a source and destination in different VLANs.
- C. Administrators can quickly set up packet captures based on criteria such as MAC address or username.
- D. Switches can send traffic to a remote capture destination rather than only mirror it locally.

Answer: C

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