PassTest

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Q&A

Exam : **HPE0-Y53**

Title : Building HPE SDN and FlexNetwork Solutions

Version : DEMO

1.A network administrator is planning a flow table entry that provides fast failover for the traffic flow in case a link fails.

Which key element would the flow entry contain?

A. a group identifier that specifies at least two output ports

B. a backup set action that modifies the packet and sends it to the controller

C. a forward action to the reserved port NEAREST_ACTIVE

D. a go-to-table action that sends traffic to another table if the port is down

Answer: A

Explanation:

The FAST-FAILOVER group is designed specifically to detect and overcome port failures.
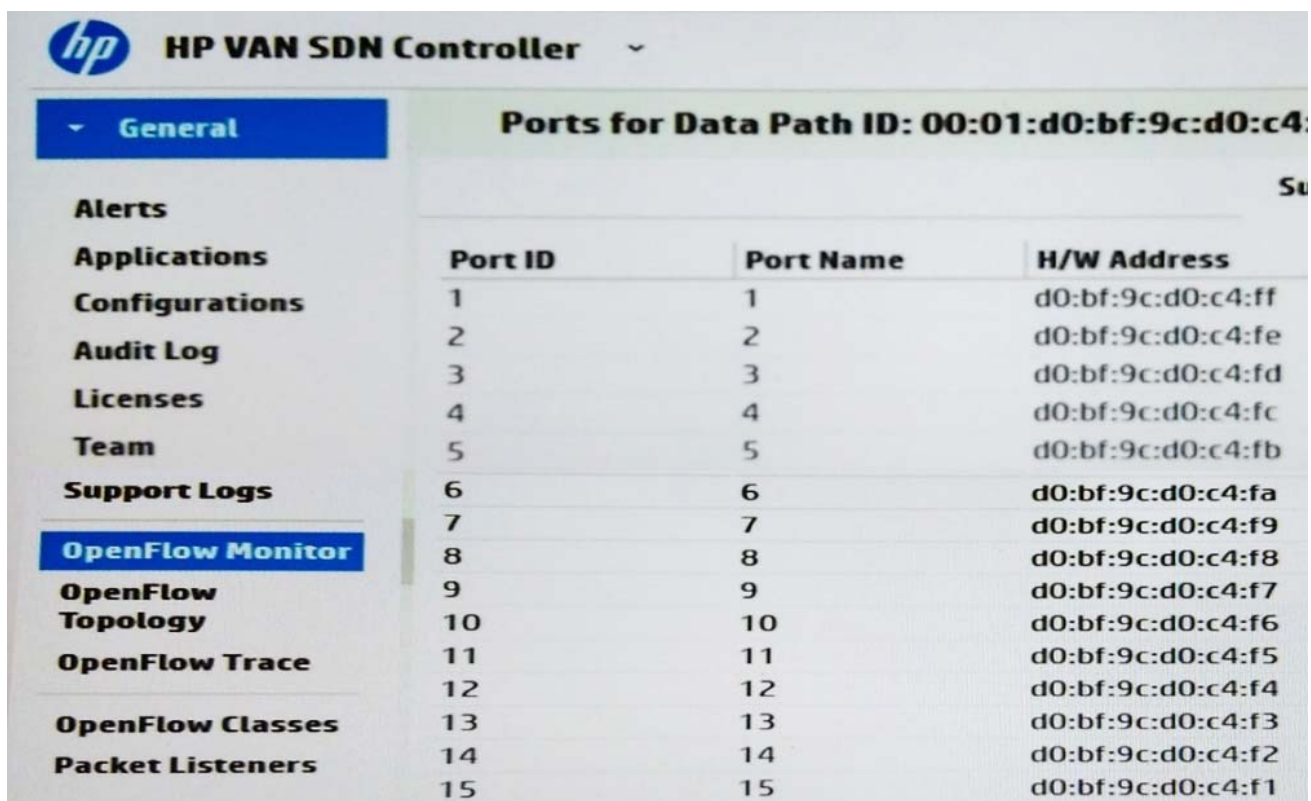
The FAST-FAILOVER (FF) group. A FF group is designed to detect and respond to port failures. Each bucket has a watch port/group as a special parameter, which monitors the liveness of that port or group being watched. Only one bucket is used at a time, and the bucket will only be changed if the watch port/ group of the bucket transitions from up to down. Upon such an event, another bucket will be chosen whose watch port/group indicates the link is up.

References:

https://floodlight.atlassian.net/wiki/display/floodlightcontroller/How+to+Work+with+Fast-Failover+OpenFl ow +Groups

2.An HP switch is controlled by an HP VAN SDN Controller. An SDN application attempts to create a flow entry that forwards traffic out Port 2 on this HP switch.

However, the switch does not forward any traffic out this port. The exhibit shows the status for ports on that switch.

hp HP VAN SDN Controller ˅

General	Ports for Data Path ID: 00:01:d0:bf:9c:d0:c4:		
			Su
Alerts			
Applications	Port ID	Port Name	H/W Address
Configurations	1	1	d0:bf:9c:d0:c4:ff
Audit Log	2	2	d0:bf:9c:d0:c4:fe
	3	3	d0:bf:9c:d0:c4:fd
Licenses	4	4	d0:bf:9c:d0:c4:fc
Team	5	5	d0:bf:9c:d0:c4:fb
Support Logs	6	6	d0:bf:9c:d0:c4:fa
	7	7	d0:bf:9c:d0:c4:f9
OpenFlow Monitor	8	8	d0:bf:9c:d0:c4:f8
OpenFlow	9	9	d0:bf:9c:d0:c4:f7
Topology	10	10	d0:bf:9c:d0:c4:f6
OpenFlow Trace	11	11	d0:bf:9c:d0:c4:f5
	12	12	d0:bf:9c:d0:c4:f4
OpenFlow Classes	13	13	d0:bf:9c:d0:c4:f3
Packet Listeners	14	14	d0:bf:9c:d0:c4:f2
	15	15	d0:bf:9c:d0:c4:f1

Based on the information shown in the exhibit, why does the switch not forward the traffic?

A. Port 2 is part of a link aggregation with Port 1.

B. Port 2 is down.

C. Port 2 is placed in the discarding state by spanning tree.

D. Port 2 does not support a VLAN on which OpenFlow is enabled.

Answer: C

3.Refer to the exhibit.

```
[Switch1-Vfc2] display this
#
 port trunk vsan 10
 bind interface Ten-GigabitEthernet1/0/2
#
[Switch1-Ten-GigabitEthernet1/0/5]display this
#
 port link-mode bridge
#
[Switch1-vlan101]display this
#
 fcoe enable vsan 10
#
```

The network administrator is configuring interface Ten-GigabitEthernet 1/0/2 to receive FCoE traffic from the connected server. The administrator has created VSAN 10, which is associated with VLAN 101. What else must the administrator do to complete the configuration?

A. Assign VLAN 101 as the PVID for interface Ten-GigabitEthernet 1/0/2.

B. Change interface Ten-GigabitEthernet 1/0/2 to a hybrid port;assign VLANs 10 and 101 as untagged VLANs.

C. Change interface Ten-GigabitEthernet 1/0/2 to a trunk port and permit VLAN 101.

D. Change interface Ten-GigabitEthernet 1/0/2 to a hybrid port;assign VLAN 10 as a tagged VLAN and VLAN 101 as an untagged VLAN.

Answer: C

Explanation:

Explanation:

References: http://h10032.www1.hp.com/ctg/Manual/c03655100 (Page: 17-18)

4.Refer to the exhibit.

Flows for Data Path ID: 00:1e:14:58:d0:f0:db:80

| Table ID	Priority	Packets	Bytes	Match
► 0	0	0	0	
► 100	31500	0	0	eth_type:ipv4 ip_proto:udp udp_src:67 udp_dst:68
► 100	31500	0	0	eth_type:ipv4 ip_proto:udp udp_src:68 udp_dst:67
► 100	31000	0	0	eth_type:arp

The exhibit shows the four OpenFlow table entries for an HP ProVision switch that is controlled by an HP VAN SDN Controller. The switch uses active mode for the OpenFlow instance. The network administrator wants the switch to have this behavior: The current entries have an error.

How should the administrator change these entries to resolve the error?

A. Remove the entry for table 0.

B. Give each entry its own unique priority value.

C. Change the table ID for the entry that matches "eth_type: arp" to 200.

D. Add a table miss entry that outputs traffic normally.

Answer: D

5.Refer to the exhibit.
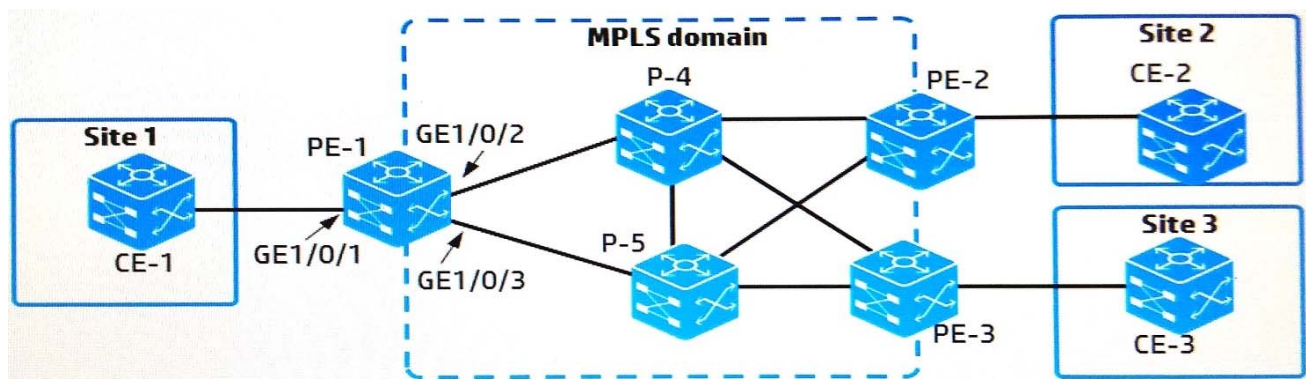
A network administrator is planning an MPLS and VPLS Martini solution to connect customer sites 1, 2, and 3.

How many pseudowires must the administrator configure?

A. two; two on PE-1, with one connected to PE-2 and PE-3

B. one; one on PE-1, connected to both PE-2 and PE-3

C. four; two on PE-1, one on PE-2, and one on PE-3

D. six; two each on PE-1, PE-2, and PE-3

Answer: D