



# HP0-Y51<sup>Q&As</sup>

Building HP SDN and FlexNetwork Solutions

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**QUESTION 1**

Refer to the exhibit.

```
{
  "flow": {
    "priority": 30000,
    "idle_timeout": 60,
    "match": [
      {"eth_src": "00:50:56:11:11:11"},
      {"eth_dst": "00:50:56:22:22:22"}
    ],
    "actions": [{"output": 1}]
  }
}
```

A company has an HP VAN SDN Controller that controls HP Provision switches. An SDN developer creates an application that needs to make many immediate decisions for handling traffic. The application is programmed to create rules such as those shown in the exhibit

Which change could improve performance by letting the hardware handle the flows?

- A. Change the idle timeout to 0 and specify table ID 200.
- B. Create a service insertion tunnel, and change this rule to output to this tunnel.
- C. Explicitly force this rule to use Table 0.
- D. In the match criteria, list a specific Ethernet type such as IPv4.

Correct Answer: B

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**QUESTION 2**

HP Unified Wired-Wireless controllers support wireless Intrusion Detection System (IDS)/intrusion prevention system (IPS) features. An HP AP radio is configured to participate in this solution in hybrid mode. Which functions can the hybrid mode radio fulfill?

- A. Can support wireless clients and scan wireless traffic.
- B. It can support wireless clients, scan wireless traffic, and implement countermeasures
- C. It can implement countermeasures and scan wireless traffic.
- D. It can scan wireless traffic and wired traffic.



Correct Answer: C

---

### QUESTION 3

Refer to the exhibit.

```
[5900]display openflow instance 1 flow-table
Flow entry 3 information:
  cookie: 0x0, priority 31000, hard time: 0, idle time: 60, flags: none,
  byte count: --, packet count: 0
Match information:
  Ethernet type: 0x0800
  IPv4 source address: 10.1.2.0, mask: 255.255.255.0
  IPv4 destination address: 10.1.3.0, mask: 255.255.255.0
Instruction information:
  write actions:
  output interface: _____
```

The HP Comware switch places VLAN 2, which is associated with 10.1.2.0/24, in OpenFlow instance 1. The switch supports IP routing and is configured with the default gateway IP address in VLAN 2. An SDN application has created the flow entry shown in the exhibit to route traffic from 10.1.2.0/24 to 10.1.3.0/24. The exhibit does not show the output interface for the flow. Which output interface supports the needs of this scenario?

- A. Any port that is a member of VLAN 2
- B. Any port in the controller VLAN
- C. Normal
- D. Controller

Correct Answer: D

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### QUESTION 4

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

An administrator has configured an HP Comware IRF virtual device to support FCoE in Fibre Channel Forwarder (FCF) mode. The IRF device supports VLAN 1, 10, 20, and 30.

The device requires two virtual SANs (VSANs), VSAN 1 and VSAN 2. An individual server might connect to for binding the VSANs. What is valid configuration to VLANs?

- A. VSAN 1 and VSAN 2 to VLAN 10
- B. VSAN 1 and VSAN 2 to VLAN 1; VSAN 1 to VLAN 10; VSAN 2 to VLAN 20
- C. VSAN 1 and VSAN 2 to VLAN 10; VSAN 1 and VSAN 2 to VLAN 20
- D. VSAN 1 to VLAN 10; VSAN 2 to VLAN 20

Correct Answer: D

## QUESTION 5

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

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