



HP2-Z31^{Q&As}

Creating HP Software-defined Networks

Pass HP HP2-Z31 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.passapply.com/hp2-z31.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by HP Official Exam Center

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers





QUESTION 1

Why would an architect require an application to be written as an internal application rather than as an external application?

- A. lower cost of development
- B. faster event-driven responses
- C. greater flexibility of platform choices
- D. increased program language options

Correct Answer: B

HP SDN Controller Internal Applications and Modules There are two main ways applications interact with the controller: Within the controller using native applications or modules (Java based or byte compatible applications

such

as Scala).

Outside the controller using web based applications (using RESTful APIs).

Application Types:

Native Applications / Modules - This is the ideal model for applications that need to exert relatively finegrained,

frequent and low-latency control interactions with the environment, e.g. handling packet-in events, etc.

Web Based applications - Suitable for applications that need to exert "business" level, i.e.

relatively coarsegrained, infrequent and high-latency control interactions with the environment, e.g. path provisioning, flow inspections, etc.

Reference: HP SDN Controller Architecture, Technical Solution Guide

QUESTION 2

Refer to the exhibit.



Flows for Data Path ID: 00:0a:00:9c:02:d8:18:00						Summary	Ports	Flows	Groups
Table ID	Priority	Packets	Bytes	Matches	Actions/Instructions				
0	0	0	0		goto_table: 100				
100	0	157693	0		goto_table: 200				
100	29999	721	0	in_port: 4 eth_dst: 00:0c:29:24:53:3e eth_src: 00:0c:29:15:20:e6 eth_type: arp	apply_actions: output: 2				
100	29999	723	0	in_port: 2 eth_dst: 00:0c:29:15:20:e6 eth_src: 00:0c:29:24:53:3e eth_type: arp	apply_actions: output: 4				
100	29999	28740	0	in_port: 2 eth_dst: 00:0c:29:15:20:e6 eth_src: 00:0c:29:24:53:3e eth_type: ipv4	apply_actions: output: 4				
100	29999	28739	0	in_port: 4 eth_dst: 00:0c:29:24:53:3e eth_src: 00:0c:29:15:20:e6 eth_type: ipv4	apply_actions: output: 2				
200	0	154712	9982515		apply_actions: output: 4294967293				

Which version of OpenFlow has the switch shown in the exhibit with DPID 00 0a:00 9c 02:d8
18:00

negotiated to use with the HP VAN SDN Controller version 2.0?

- A.
1.0.0
- B.
1.3.0
- C.
1.5.0
- D.
1.6.0

Correct Answer: B

*

The HP VAN controller supports the following:

Versions 1.0 and 1.3 of OpenFlow on HPN ProVision and Comware switches



*

Openflow 1.3.1: Support for multiple flow tables is introduced

Reference: Open Flow 1.3.1 Support: Controller View

QUESTION 3

A network environment consists of multiple switches. Some of the switches are configured for OpenFlow 1.0, and some of the switches are configured for OpenFlow 1.3. These switches are configured to communicate with an HP VAN SDN Controller. What is the result of the negotiation?

- A. All OpenFlow switches successfully negotiate to use OpenFlow 1.3 with the controller, and OpenFlow 1.0 switches ignore OpenFlow 1.3 extensions.
- B. OpenFlow 1.3 switches successfully negotiate to use OpenFlow 1.3 with the controller, and the OpenFlow 1.0 switches fail to connect
- C. All switches negotiate to use OpenFlow 1.0 as the highest common version.
- D. OpenFlow 1.3 switches negotiate to use OpenFlow 1.3, and OpenFlow 1.0 switches negotiate to use OpenFlow 1.0.

Correct Answer: D

The controller:

Supports multiple OpenFlow versions at the same time.

Negotiates with each OpenFlow switch for the highest common

OpenFlow version between the switch and controller.

Reference: HP VAN SDN Controller and Applications Support Matrix, Supported OpenFlow versions

QUESTION 4

Which protocol is used for link discovery when OpenFlow switches are separated by a non- OpenFlow switch?

- A. BDDP
- B. RSTP
- C. LLDP
- D. LACP

Correct Answer: A

LLDP is used to discover direct links between switches and BDDP is used to discover the switches in the same broadcast domain.

Note: Using a link-discovery module, the controller generates both LLDP and broadcast packets (referred to as BDDPs)



and sends them to all neighboring switches on a regular basis.

Reference: OpenFlow Controller

QUESTION 5

What is a key advantage of implementing malware protection by using the HP Network Protector SDN application?

- A. To provide central management of antivirus software
- B. To provide rule-based access control
- C. To provide VLAN assignment without supplicant
- D. To provide clientless operation

Correct Answer: B

About VLAN group policies Policies are a collection of filters or rules that provide a method for setting up security configuration options for VLAN groups. You can create customized policies for each VLAN group based on the requirements and the threat type for each group.

You can customize the policies for the groups by setting the reputation scores. You can set up policies for each group to protect your network from the following threat types: Botnet, Malware, etc

Reference: HP Network Protector SDN Application Administrator Guide

[Latest HP2-Z31 Dumps](#)

[HP2-Z31 VCE Dumps](#)

[HP2-Z31 Study Guide](#)