HP0-Y51$^{Q\&As}$

Building HP SDN and FlexNetwork Solutions

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QUESTION 1

A large shopping center has an HP BYOD solution with these requirements:

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.

Each shop has its own SSID.

The administrator wants UAM to display a custom portal page to users based on the SSID to which they connect. What is the proper way to configure this solution?

A. In the guest access service, bind different SSIDs to different portal pages.

B. In the global guest registration settings, add an SSID map, which binds SSIDs to portal pages.

C. In the access service assigned to the BYOD Anonymous account, bind different SSIDs to different portal pages.

D. In the global portal settings, add an SSID map, which binds SSIDs to portal pages.

Correct Answer: D

QUESTION 2

Refer to the exhibit.
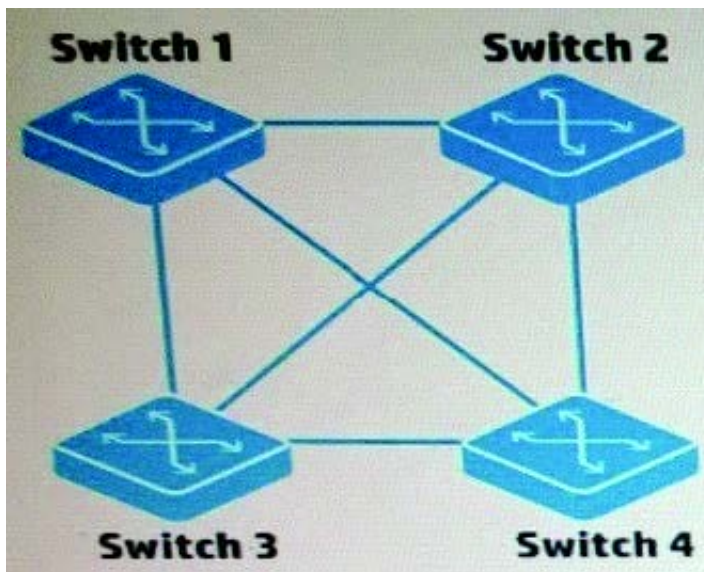
The switches shown in the exhibit use the HP VAN SDN Controller as the OpenFlow controller. They connect to the controller on their out-of-band management (OOBM) ports, but these connections are not shown in the exhibit. The switches also run spanning tree protocol. An SDN application installed on the HP VAN SDN Controller is programmed to

discover live ports, find redundant paths, and create loopfree paths for traffic infrastructure shown in the exhibit. However the application is not able to complete these functions because the switches are reporting some ports as blocked.

What should the administrator do to let the application create the loopfree paths?

A. Disable spanning tree on the OpenFlow-enabled switches and do not configure link aggregation.

B. Enable spanning tree on the OpenFlow-enabled switches but set the application as the spanning tree flood parameter controller.

C. Enable spanning tree on the OpenFlow-enabled switches and configure all of the redundant links as egress-only-ports

D. Disable spanning tree on the OpenFlow-enabled switches and configure the redundant links as static link aggregations

Correct Answer: D

QUESTION 3

What correctly describes the role of OpenFlow in an SDN solution?

A. OpenFlow regulates the communications among teamed SDN controllers, as well as between an SDN controller and a network infrastructure device

B. OpenFlow integrates the SDN controller into a larger management suite such as that provided in an HP CloudSystern solution.

C. OpenFlow is a communication protocol that an SDN controller can use to control devices at the network infrastructure layer.

D. OpenFlow is the open standard technology that regulates SDN control plane and application plane communications.

Correct Answer: C

Reference: http://searchsdn.techtarget.com/guides/OpenFlow-protocol-tutorial-SDN-controllers- and-applications-emerge

QUESTION 4

An HP Unified Wired-Wireless controller is configured to enforce portal authentication on a Guest SSID. The company plans to use the local portal server on the controller but needs customized portal pages that show information about the company. What is one of the rules for customizing the pages?

A. Additional pages beyond the six main pages can be loaded, but every page must include the logon.cgi action.

B. Any number of pages can be loaded, but the six main pages must use the default filenames and include script for certain actions.

C. The customized local pages must call up pages that are hosted on an external Web server such as User Access Manager (UAM).

D. The portal can only use up to six pages, but the text and logo files on these pages can be customized as desired.

Correct Answer: D

Reference: http://h20566.www2.hp.com/hpsc/doc/public/display? sp4ts.oid=6796025anddocId=emr_na-c04406852anddocLocale=en_US (page 163)

QUESTION 5

Refer to the exhibit.

An HP provision switch has OpenFlow table entries indicated in the exhibit.

The switch should forward most traffic between 10.1.10.0/24 and 10.1.20.0/24 on port 1. However any IP traffic between server 1, at 005056-111111 and

10.1.10.10, and server 2, at 005056-222222 and 10.20.20, should be forwarded on port 2.

Which change to the rules let the switch behave as desired?

A. For flow 3, the table ID is set to 200, and the priority is set to 47000

B. For flow 4, the priority is set to 47000

C. For flow 4, the table ID is set to 100, and the priority is set to 47000

D. For flow 3, the instruction is set to Write Actions output 1

Correct Answer: A

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