Vendor: HP

Exam Code: HP0-Y50

Exam Name: Architecting HP FlexNetwork Solutions

Version: DEMO

QUESTION 1
What are information technology Service Management (ITSM) framework, such as the infrastructure Technology Infrastructure Library (ITILv3) and The Open Group Architecture Framework (TOGAF)?

A. They are Internet Engineering Task Force (IETF) standards that provide evolving guidelines and best practices for IT design and management
B. They are high-level approaches that provide recommendations and best practices for IT design management
C. They are industry-wide standards that provide guidelines for enterprise design and management
D. They are Internet Engineering Task Force (IETF) standards that define proper network design

Answer: B
Explanation:
http://en.wikipedia.org/wiki/Information_Technology_Infrastructure_Library

QUESTION 2
If a network architect is planning a secure device management policy, why would administrators need to generate SSH keys on network infrastructure devices?

A. To authenticate managers with a more secure method than passwords
B. To encrypt management traffic and also authenticate managers with asymmetric
C. To authenticate managers and assign them privileges according to their identity
D. To encrypt management traffic related to the CLI

Answer: D

QUESTION 3
A customer requires high availability for wireless services at branches. The customer also wants to centralize management and traffic distribution as much as possible.
What should the architect suggest?

A. Controlling branch APs with one or more HP 7500/10500 20G Wired-WLAN at the main office and enabling remote-AP features
B. Controlling branch APs with a cluster of HP 830 Unified Wired-WLAN switches, one of which is deployed at the main office and one of which is deployed at the branch
C. Deploying the APs without a controller but managing them with HP Intelligent Management Center (IMC) Wireless Services Manager (WSM)
D. Controlling Branch APs with two HP 830 Unified Wired-WLAN switches, which are deployed at the main office

Answer: B

QUESTION 4
An employer takes the company laptops offsite and connects it to an insecure network. A hacker is able to deploy a malware application to the laptop. The employer takes the laptop back to the office, where the malware uses the credentials of the employee to eavesdrop and to implement denial of service (DoS) attacks.
Which security solution would help prevent this type of attack?

A. MAC lockdown

B. A dynamic VPN (DVPN)
C. Port-based security with 802.1X
D. Endpoint integrity

Answer: D
Explanation:
http://www.hp.com/rnd/pdfs/IDM_plus_EI_Technical_Overview.pdf (page 2, endpoint integrity defined)

QUESTION 5
A network architect is designing a redundancy solution for a customer and has learned that there is a single link between two critical network components. During the past 4000 hours of operation, the link has failed twice. The customer estimates that each failure has taken two hours to resolve. Given this information, what is the availability that this link currently provides?

A. Less than 99.99%
B. 99.9%
C. 99.99%
D. 99.999%

Answer: A

QUESTION 6
An architect is planning an HP Wired-WLAN solution for an office with approximately 4000 users who will use the wireless network rather heavily and also need to roam seamlessly.
The solution will have 256 MSM 460 access points (APs).
What is one reason for using two Hp Wired-WLAN controllers for this solution?

A. Each Wired-WLAN controller can only support 128 APs
B. The customer needs fast roaming, which requires a mobility solution between two controllers
C. Each Wired-WLAN controller can only support 2000 users
D. The controller can be licensed and configured to provide redundancy for each other

Answer: D

QUESTION 7
When would a network architect recommend an HP HSR6800 Router for a campus LAN? (Select two)

A. The HP HSR6800 Router provides routing features at a more attractive price point than a routing switch
B. The company wants to implement a Dynamic Virtual Private Network (DVPN)
C. The HP HSR6800 Router Supports Border Gateway Protocol (BGP), which is unavailable on routing switches
D. The company needs a routing device that supports extremely large tables
E. The company requires a large number of 10G connections

Answer: BE

QUESTION 8
Refer to the exhibit. A network architect is proposing an HP6600 series router at the core of this enterprise customer network.The router runs Border Gateway Protocol (BGP) and announces the customer networks to the internet service provider (ISP). The router also runs Open Shortest Path First (OSPF) to communicate with the rest of the customer network.
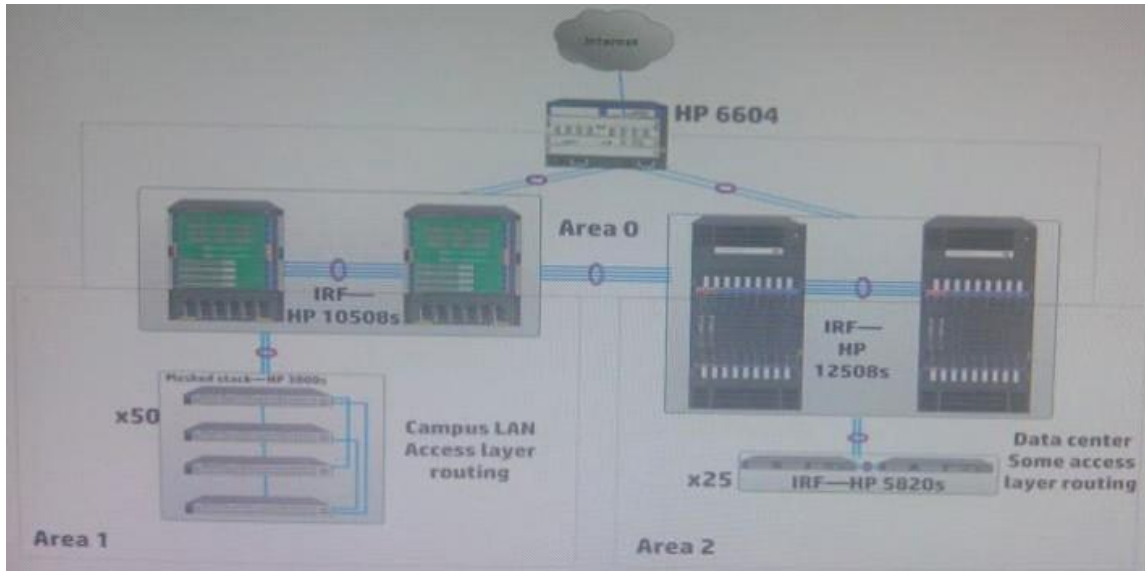
What is an appropriate method for the HP 6604 router to advertise routes to the internet to the other routing switches?

A. The route should redistribute BGP routes OSPF. Areas 1 and 2 should be configured as stub areas to filter out the external routes
B. The router should advertise BGP routes into OSPF but filter out all routes except the private network that belongs to the customer
C. The router should redistribute BGP routes into OSPF. The Area Border Routes (ABRs) should summarize those routes for advertisement in areas 1 and 2
D. The router should advertise a default route as an Autonomous System Router (ASBR) summary to the other routing devices in area 0

Answer: A

QUESTION 9
A network architect is choosing fabric module for an HP 10500 Series Switch.
Which factors affect the choice?

A. The environment in which the switch will be installed and the direction of the airflow
B. The number of IPv4 and IPv6 routes that the switch must support in its routing table
C. The type of I/O modules and whether full bandwidth must be supported on all ports at the same time
D. The type of management modules and whether these modules operate in hot-standby mode

Answer: C

QUESTION 10

Hotspot Question
An architect needs to plana solution that meets customer authentication requirements.
Match each authentication method to the appropriate description.

Allows companies to authenticate legacy devices that do not support a supplicant

| ▼ |
| MAC Auth |
| 802.1X |
| Web-Auth |

Require users to authenticate to the network by using a browser

| ▼ |
| MAC Auth |
| 802.1X |
| Web-Auth |

Requires users to authenticate to the network by using a supplicant

| ▼ |
| MAC Auth |
| 802.1X |
| Web-Auth |

Answer:

Allows companies to authenticate legacy devices that do not support a supplicant

| ▼ |
| **MAC Auth** |
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| Web-Auth |

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