HP

Exam HP2-Z24

Selling HP Networking Solutions

Version: 6.1

[Total Questions: 95]

Question No : 1

Companies should consider their networks to be segmented building blocks, and should design them to meet the needs of each segment: branch office, campus LAN, and data center. What can designers do as they segment the network in this way?

A. They must virtualize the technologies that underlie the various segments so that they can interoperate seamlessly
B. They must eliminate all proprietary protocols within each network segments.
C. They should implement open-standard technologies at the boundaries between segments.
D. They should select the best proprietary protocol to coordinate functions between network segments.

Answer: C

Question No : 2

Which HP IMC module can help your customers accelerate the delivery of applications using templates to provision and orchestrate networks?

A. HP IMC Application Performance Manager (APM)
B. HP IMC Virtual Application Networks (VAN) Manager
C. HP IMC Service Health Manager (SHM)
D. HP IMC Network Traffic Analyzer (NTA)

Answer: B
Reference: http://h17007.www1.hp.com/docs/van/van_brochure.pdf (page 5)

Question No : 3

Your mid-sized-business customer requires a critical-high-availability module switch for the core of three campus LANs. According to HP, which switch should you position?

A. HP 2910 al
B. HP 5400 zl
C. HP 8200 zl

D. HP t2508

Answer: C

Reference: http://h18000.www1.hp.com/products/quickspecs/12862_na/12862_na.pdf
(page 7, flexibility, second bullet)

Question No : 4

Which statement is true regarding the HP virtual services modules (the HP Advance Services zl Module with Citrix XenServer and HP Advanced Services zl Module with VMware vSphere)

A. Each module can host at most one application
B. The module support custom application, including application that your customers develop internally.
C. The modules do not support core Linux services.
D. The modules are based on a custom hypervisor.

Answer: B

Question No : 5

HP IMC provides end-to-end fault and performance monitoring across which network segment?

A. branch offices
B. branch and campus LAN
C. data center
D. branch, campus LAN, and data center

Answer: D

Reference: http://h17007.www1.hp.com/us/en/networking/products/network-management/IMC_APM_Software/index.aspx

Question No : 6

Which switches best meet the needs at the data center network core for most mid-sized businesses? (Select two.)

A. HP 5820 Switch Series
B. HP 5920 Switch Series
C. HP 5900 Switch Series
D. HP 5800 Switch Series
E. HP 5830 Switch Series

Answer: B,C
Reference:
http://www.hp.com/hpinfo/newsroom/press_kits/2011/InteropNY2011/33495_HPN_5900.pdf (page 1, overview)

Question No : 7

A customer is planning to update the company's data center by implementing virtual machines (VMs) to deliver the services the company needs. What should you tell her about the way these VMs affect the network?

A. The north-to-south network traffic will increase so the customer may need to upgrade the distribution and core switches.
B. The east-to-west network traffic will increase so the customer should consider implementing a network architecture with fewer tiers.
C. The server-to-server traffic will actually decrease overall because VMs on the same server hardware will communicate internally through that hardware
D. The network traffic patterns will remain the same, but the customer may need to upgrade each server-to-switch link

Answer: B

Question No : 8

Most mid-sized businesses today are going to require which of these technologies at the edge?

A. 1/10-GbE server access
B. 10/40-GbE server access
C. InfiniBand
D. ultra-deep 40-GB packet buffers

Answer: A

Question No : 9

For which of your mid-sized-business customers might the HP 5820-14XG be a particularly good fit at the data center network edge? (Select three)

A. customers who require high 10-GbE port density at the edge
B. customers who require high 40-GbE port density at the edge
C. customers who require 40/100-GbE capability at the edge
D. customers who have Fibre Channel attached storage solutions
E. customers whose networks experience congestion caused by bursty multimedia traffic
F. customers whose applications are sensitive to the delay caused by deep packet buffers

Answer: A,D,F

Question No : 10

Which switch series would you recommend if your customer wanted to simplify branch management by converging network and server services in the company's datacenter?

A. HP 2520 Switch Series
B. HP 2620 Switch Series
C. HP 2910 al Switch Series
D. HP 5400 zl Switch Series

Answer: D

Question No : 11

How many types of devices can HP IMC manage?

A. more than 1,000
B. more than 3,000
C. more than 6.000
D. up to 10,000

Answer: D

Reference: http://h17007.www1.hp.com/docs/mark/4AA3-4496ENW.pdf (page 4, scales and expands with the network; second sentence)

Question No : 12

What can you access using the HP FlexNetwork Dropbox?

A. HP blogs
B. HP Networking Competitive Comparison Tool
C. EMEA Network Design Center
D. latest versions of HP FlexNetwork sales resources

Answer: B

Explanation: Note: I am unable to find Flexnetwork dropbox

Question No : 13

Which statement is true regarding the HP virtual services modules (the HP Advanced Services zl Module with Citrix XenServer and HP advanced services zl module with VMware vsphere)

A. Each module can host at most one application.
B. The modules support custom applications, including applications that your customers develop internally.
C. The modules do not support core Linux services.
D. The modules are based on a custom hypervisor.

Answer: B

Question No : 14

HP IMC provides end-to-end fault and performance monitoring across which network segment?

A. branch offices
B. branch and campus LAN
C. data center
D. branch, campus LAN, and data center

Answer: D

Question No : 15

A customer is planning to update the company's data center by implementing virtual machines (VMs) to deliver the services the company What should you tell her about the way these VMs affect the network?

A. The north-to-south network traffic will increase so the customer may need to upgrade the distribution and core switches.
B. The east-to-west network traffic will increase so the customer should consider implementing a network architecture with fewer tiers.
C. The server-to-server traffic will actually decrease overall because VMs on the same server hardware will communicate internally through…………
D. The network traffic patterns will remain the same, but the customer may need to upgrade each server-to-switch link.

Answer: B

Question No : 16

Many HP products come with a lifetime warranty that as long as the customer owns the product. Which products provide that lifetime warranty? (Select three.)

A. HP 2910
B. HP 5920
C. HP MSM460
D. HP MSM466
E. HP MSM760

Answer: A,C,D

Question No : 17

Many hp products come with a lifetime warranty that last as long as the customer owns the products. Which products provide the lifetime warranty? (Choose three)

A. hp 2910
B. hp 5920
C. hp msm400
D. hp msm 466
E. hp sms766

Answer: A,B,D

Question No : 18

More and more employees are using personally owned devices on computer networks. How does this trend affect the businesses? (Choose two)

A. They will need to implement identity based security
B. They will need some way of ensuring that these devices comply with security policy
C. They will need to additional protocols such as voice over IP and broader gateway protocol to secure access
D. They will need to implement separate network security methods for company and employee devices
E. They will need to implement virtualized network to host these applications in a private cloud

Answer: A,B

Question No : 19

Which LAN controller does HP recommend for customers who requires a local controller seat for less than 30 employees

A. hp msm710
B. hp msm720
C. hp msm760
D. hp msm765 zl

Answer: D

Question No : 20

How does the fact that the business model is shifting to a more centralized and virtualized data center impact branch office networks?

A. Because businesses are shifting away from dedicated application servers running in the branch, branch office network management is radically simplified.
B. Branch office networks have very little security and compliance concerns because all company data is stored and backed up at a centralized location with targeted security.
C. Branch office networks may be farther from productivity enhancing network resources than they used to be, creating delay when helping customers.
D. Because the data center is composed of high-performance network devices with next-generation traffic-prioritization capabilities, emerging voice and video applications will run with ease in today's branch offices.

Answer: A
Explanation: The main benefits of virtualization in the branch office include:
* Lower infrastructure and operating costs
* Less application downtime and faster response time and failure recovery time
* Faster time to deployment for applications

In summary, branch-office server virtualization increases the speed of application deployment, improves application uptime and performance guarantees, and reduces equipment and operating costs.

In summary, the capability to copy and restore the entire state of a virtual server to a specific point in time improves the speed of recovery after a server failure, speeds up the migration process to new server hardware, and helps enable faster rollback to a fail-safe state in case of an unstable application.

Note: Branch-office infrastructure has always been a source of challenge for IT departments. Some of these are specific to the company's line of business, and others cut across all industries. The cost of deploying new applications to remote locations, the impact

of insufficient environmental controls on equipment, security and regulatory compliance constraints, the performance of centralized applications, and support for critical uptime requirements are just a few examples. Further, the challenges increase as the number of branch offices grows. According to a 2010 study by the Internet Research Group (IRG), in the past decade the number of branch offices in the United States has grown by 21 percent.2 Although no one product or technology can cure all of the current branch office headaches, server virtualization does address some of the most difficult issues.

Question No : 21

A mid-sized business is seeking a networking solution, and the customer is concerned about how the components will work together from end to end now and in the future.

What message should the HP sales professional deliver?

A. The customer must use the same vendor from end to end to ensure interoperability; HP provides servers, storage, and networking components.
B. The customer should implement open standards wherever possible, and certainly at the boundaries of each network segment to enable the company to select the best solutions for each segment and have them interoperate
C. The customer should commit to a single open-standard vendor, which implements with proven, best-in-industry solutions.
D. The customer should select solutions based on which provide the best proprietary protocols for the company's highest priority business needs.

Answer: B
Explanation: With an open, standards-based solution, enterprises can migrate their networks from legacy architectures to advanced architectures so they can meet contemporary business challenges, including cloud computing, federated applications, virtual machine mobility, high-performance mobile access, multimedia and video. Customers can choose best-in-class solutions that will meet their business needs. Using open, industry-standard protocol implementations mitigates the risk and cost of change when the network needs to adapt to new business requirements. And using open networks will make it simpler for enterprises move their applications to public and private cloud services.
Reference: FlexNetwork Architecture

http://h17007.www1.hp.com/docs/mark/FlexNetworkBrochure.pdf(page 4, first paragraph)