

QUESTIONS & ANSWERS

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HP2-Z21

Planning and Designing HP Enterprise Networking Solutions

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- C. The HP A5820 Series provides the CLOS fabric that the industry agrees is necessary for scaling to 40G/100G environments.
- D. For routed traffic, latency remains at less than three microseconds for normal-sized packets.
- E. The HP A5820 Series features redundant power and management modules.

Answer: A, B

QUESTION: 40

A sales professional is meeting with a customer who requires a networking solution for a data center with 80 virtualized servers, each of which runs 10 virtual server instances. The data center provides platform as a service (PAAS) for multiple subscribers. The customer states that high availability is a key requirement for the solution. What is one benefit of an HP FlexFabric solution that the professional should emphasize to this customer?

- A. HP provides several options for high-speed Fiber Channel over Ethernet (FCoE) connections.
- B. HP Intelligent Resilient Framework (IRF) provides faster failover than competing virtual redundancy solutions.
- C. HP routing switches provide faster failover for Multiple Spanning Tree Protocol (MSTP) than competitors' switches.
- D. HP routing switches support high performance and throughput for all types of traffic including MPLS.

Answer: B

QUESTION: 41

A sales professional has a customer who needs a highly redundant Layer 2 environment for a Metropolitan Area Network (MAN) core. The customer's network administrators plan to implement Multiple Spanning Tree Protocol for this purpose. Which HP technology provides an alternative that fails over faster when links fail?

- A. Rapid Ring Protection Protocol (RRPP)
- B. Multi-Active Detection (MAD)
- C. Bi-Directional Forwarding (BFD)
- D. Link Aggregation Control Protocol (LACP)

Answer: C

QUESTION: 42

A sales professional is meeting with a service provider that must provide always-on services to its customers. To meet its SLA obligations, the service provider must protect its data center from unexpected failures and must avoid scheduled outages. This customer requires a solution that is both highly effective and easy to implement and maintain. Which HP A-Series Core and Data Center switch technologies might the sales professional factor consider when determining an appropriate solution for the service provider? (Select three.)

- A. HP Intelligent Resilient Framework (IRF)
- B. Multiple Spanning Tree Protocol (MSTP)
- C. Virtual Router Redundancy Protocol (VRRP)
- D. Equal-Cost Multipath (ECMP)
- E. In-Service Software Upgrade (ISSU)
- F. Hot patching

Answer: A, E, F

QUESTION: 43

DRAG DROP

A sales professional is meeting with a customer who requires a networking solution for a data center. Match the sales professional's question to the important information that professional can discover from that question. Drag the yellow boxes to the blue boxes. You must fill every blue box.

<p>Determine whether _____ will be a selling point for the customer:</p>		
<p>Capabilities such as IRF and nonstop routing</p>		
<p>High-bandwidth server edge connections</p>		
<p>Capabilities such as as high-bandwidth WAN connections, MPLS, and Layer 2 VPNs</p>		
<p>Have you considered how virtualization can help you to deploy more services in a cost-effective manner?</p>	<p>What does high availability mean to you to terms of downtime?</p>	<p>Have you considered deploying a redundant data center at a different geographical location for disaster recovery?</p>

Answer:



Explanation:



Macintosh HD:Users:iMac:Desktop:images:Untitled-1_03.png

QUESTION: 44

A sales professional has a customer who is upgrading the enterprise campus LAN, partially in response to the increasing popularity of networked and multimedia applications. The new solution must deliver mission-critical services to the appropriate users without fail while also providing relief for the IT budget. Given these requirements, what are selling points of the HP Enterprise Campus LAN solution that the sales professional could share with the customer?

- A. The HP A-Series Core and Data Center switches support Fiber Channel over Ethernet (FCoE), which provides convergence for voice, video, and data traffic.
- B. In the HP FlexCampus three-tier architecture, the HP A5820 Series establishes a low-latency, flexible aggregation layer that shuttles traffic from the edge to the core.
- C. The HP FlexCampus two-tier architecture simplifies the network architecture by eliminating the aggregation layer, thereby reducing significantly the number of products the customer must purchase, deploy, manage, power, and cool.
- D. All HP A-Series Core and Data Center switches support the virtualization technologies such as MPLS that optimize a campus LAN for networked applications.

Answer: A

QUESTION: 45

A sales professional is meeting with a service provider planning to upgrade its backbone solution. Which statement accurately describes how an HP A8800 can address one of the service provider's pain points?

- A. The service provider is dissatisfied with its current solution's ability to deliver five nines reliability, and HP IRF offers the best solution for high availability.
- B. The service provider has indicated a need for an enhanced quality of service mechanism. The HP A8800 Series could provide advanced congestion management and prioritized treatment for different classes of traffic through its virtual output queuing (VoQ) architecture.
- C. The service provider is dissatisfied with the lack of granularity for its Quality of Service (QoS) policies, and the HP A8800 Series supports virtualized QoS with hierarchical VPLS.
- D. The service provider states that the current backbone devices are exhibiting poor performance, and the A8800 Series provides up to 1440 Gbps.

Answer: C

QUESTION: 46

A sales professional is meeting with a large enterprise customer who requires a Layer 2 solution for connecting remote sites. The customer is looking for the highest performance option that is also very simple to implement and maintain. The customer is willing to pay a premium price to receive exactly what is required. Which option, supported by HP A-Series Core and Data Center products, best meets the customer's stated needs?

- A. Ethernet/dark fiber
- B. L2 Multi-Protocol Label Switching (MPLS) VPN
- C. MPLS Traffic Engineering (TE)
- D. Virtual Private LAN Service (VPLS)

Answer: B

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