

# QUESTIONS & ANSWERS

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**HP**

# HP0-Y50

*Architecting HP FlexNetwork Solutions*



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### Question: 124

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: 125

A network architect is planning an update of the server access layer in a data center. Currently, the access layer switches have 10G links to distribution layer switches. In the new solution, HP 5930 Switches act as top of rack (ToR) switches with 40G links to core switches.

Which factor must the network architect consider when designing solution?

- A. Whether the data center cabling provides enough fiber strands to the racks to support the 40G links**
- B. Whether the new switches 40G transceivers are on the chassis front or back, the transceivers must be on the same side as servers air outtakes**
- C. Whether the servers connecting to the new switches use Ethernet Virtual Bridging (EVB)/Virtual Ethernet Port Aggregate (VEPA), which is not compatible with 40G**
- D. Whether the servers connecting to the new switches have NICs that support Converged Enhanced Ethernet (CEE)**

Answer: D

### Question: 126

A network architect has collected data on link utilization. When analyzing link utilization, what is the general guideline?

- A. You upgrade a link that is often used at more than 50 percent utilization**
- B. You upgrade a link when it reaches 100 percent utilization**
- C. You upgrade a link if it sometimes peaks at more than 50 percent utilization**
- D. You upgrade a link when it reaches 25 to 30 percent utilization**

Answer: A

**Explanation:** *upgrading links when they reach 50 percent average utilization*

Reference: [http://www.cisco.com/c/en/us/products/collateral/routers/wan-automation-engine/white\\_paper\\_c11-728551.html](http://www.cisco.com/c/en/us/products/collateral/routers/wan-automation-engine/white_paper_c11-728551.html)

Question: 127

What correctly describes one trend that is changing how network architects must design the data center network infrastructure?

- A. Applications are drawing on more and more locally stored data, which causes customers to favor blade servers and blade enclosures**
- B. Applications are considering on single, highly available mainframes, driving the need for 10G connections to the server edge**
- C. Applications are increasingly virtualized, which requires architects to implement routing at the access layer to segment each rack into its own VLAN**
- D. Applications are scaling out across multiple servers, increasing communications between servers distributed across the data center**

Answer: D

Question: 128

A network architect is planning an intelligent Resilient Framework (IRF) group. What should the network architect implement to protect against a split IRF group?

- A. Distributed Trunking (DT)**
- B. Virtual Router Redundancy Protocol (VRRP)**
- C. Multi-Active Detections (MAD)**
- D. Rapid Ring Protection Protocol (RRPP)**

Answer: C

Question: 129

What is the preferred time for completing racking and labeling of equipment for a new implementation?

- A. After the scheduled outage has begun and initial tests have indicated success**
- B. Before the scheduled outage**
- C. At any time between the beginning of the scheduled outage and the point of no return**
- D. At the beginning of the scheduled outage**

Answer: B

Question: 130

A customer has Voice IP (VoIP) phones that support Link Layer Discovery Protocol Media Endpoint Discovery (LLDP-MED). The phone needs to receive their VLAN ID using this protocol. The network architect is proposing HP 5500-48G-PoE+EI switches. Each user computer connects to the phone, which then connects to the Ethernet jack. LLDP is enabled on the switch. Each Edge port is trunk port that permits VLAN 10 (the user VLAN) and VLAN 20 (the voice VLAN).

Which other setting recommended on the edge port?

- A. The voice VLAN is enabled**
- B. The PVID is set to VLAN 20**
- C. LLDP Cisco Discovery Protocol (CDP) compliance enabled**
- D. The LLDP voice VLAN ID is set to 20**

Answer: C

### Question: 131

A customer wants a simple solution for deploying virtual services at a branch. Which devices support modules running a VMware ESXi hypervisor?

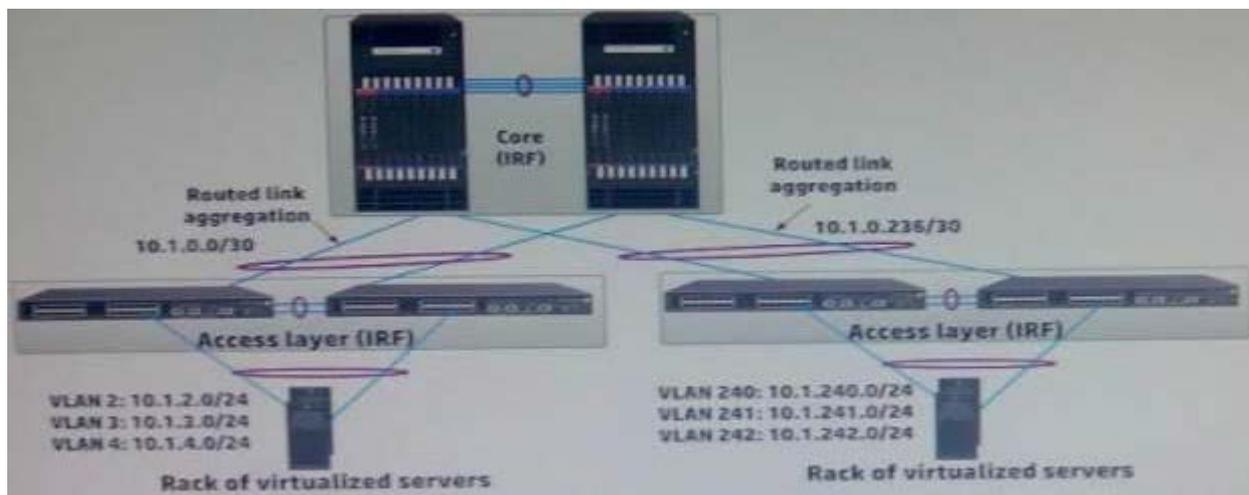
(Select two)

- A. HP 2920 Switch Series
- B. HP MSR30 Router Series
- C. HP 5400 zl Switch Series
- D. HP 7500 Switch Series
- E. HP VSR1000 Virtual Services Routers

Answer: BC

### Question: 132

Refer to the exhibit.



The exhibit shows a proposed design for a data center network infrastructure. The exhibit shows two racks for simplicity. The data center will actually include more racks.

The customer has these key requirements:

The customer can scale any application and easily install new hardware that supports that application

The network supports vMotion for live migration of virtual machine (VMs)

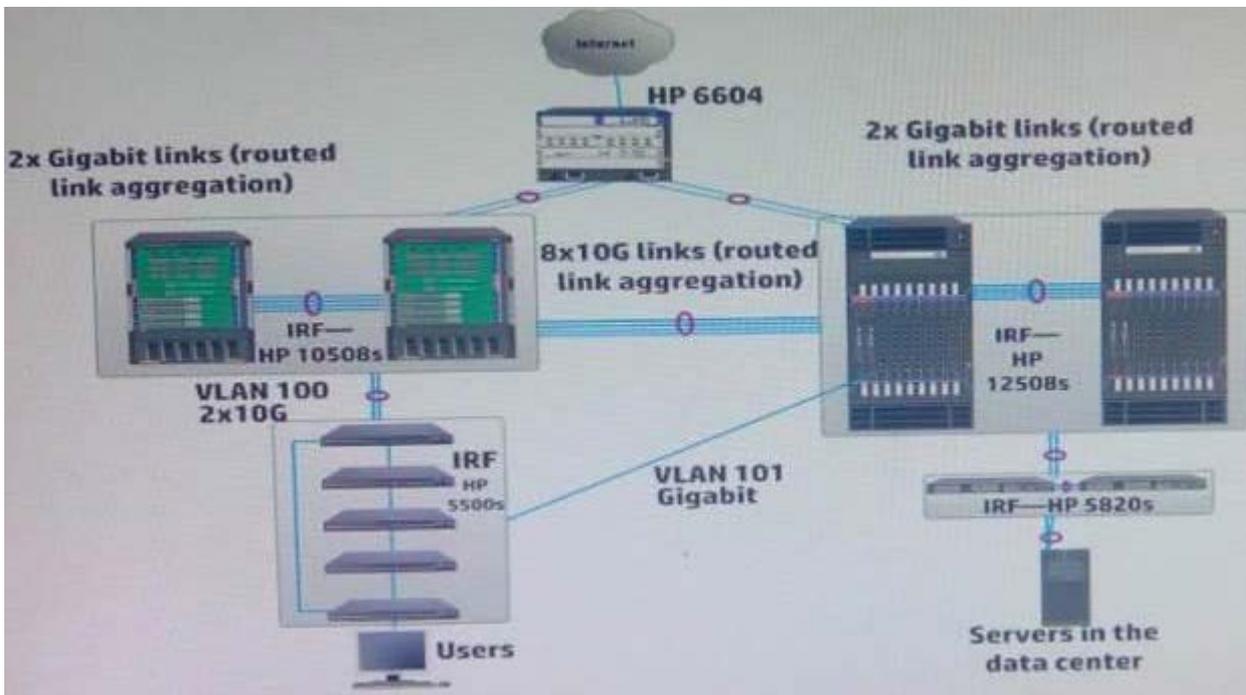
How should the network architect change the proposed design to meet the customer requirements?

- A. Replace the rack servers with blade enclosures
- B. Add more links between the servers and the access layer
- C. Remove routing from the access layer and extend VLANs to multiple racks
- D. Add a distribution layer between the access layer and the core

Answer: D

### Question: 133

Refer to the exhibit.



The exhibit shows the topology for an enterprise LAN with an on-site data center. The intelligent Resilient Framework (IRF) group of HP 5500 Series switches supports a group of computers that require very high availability to the data center. Therefore, the customer has requested a backup gigabit fiber link implement Open Shortest Path First (OSPF) in a single area.

Which tasks should the network architect complete to ensure that the HP 5500 IRF group selects the correct path to the data center during normal operation?

- A. Change the reference bandwidth on the VLAN 100 interfaces to 20000
- B. Set the cost on the VLAN 100 interfaces to 2 Set the cost for the VLAN 101 interfaces to 80
- C. Change the reference bandwidth on the VLAN 101 interfaces to 1000
- D. Change the VLAN 101 interfaces as silent interfaces
- E. Change the reference bandwidth to 80000 on all routing devices

Answer: B

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