



HP0-Y50^{Q&As}

Architecting HP FlexNetwork Solutions

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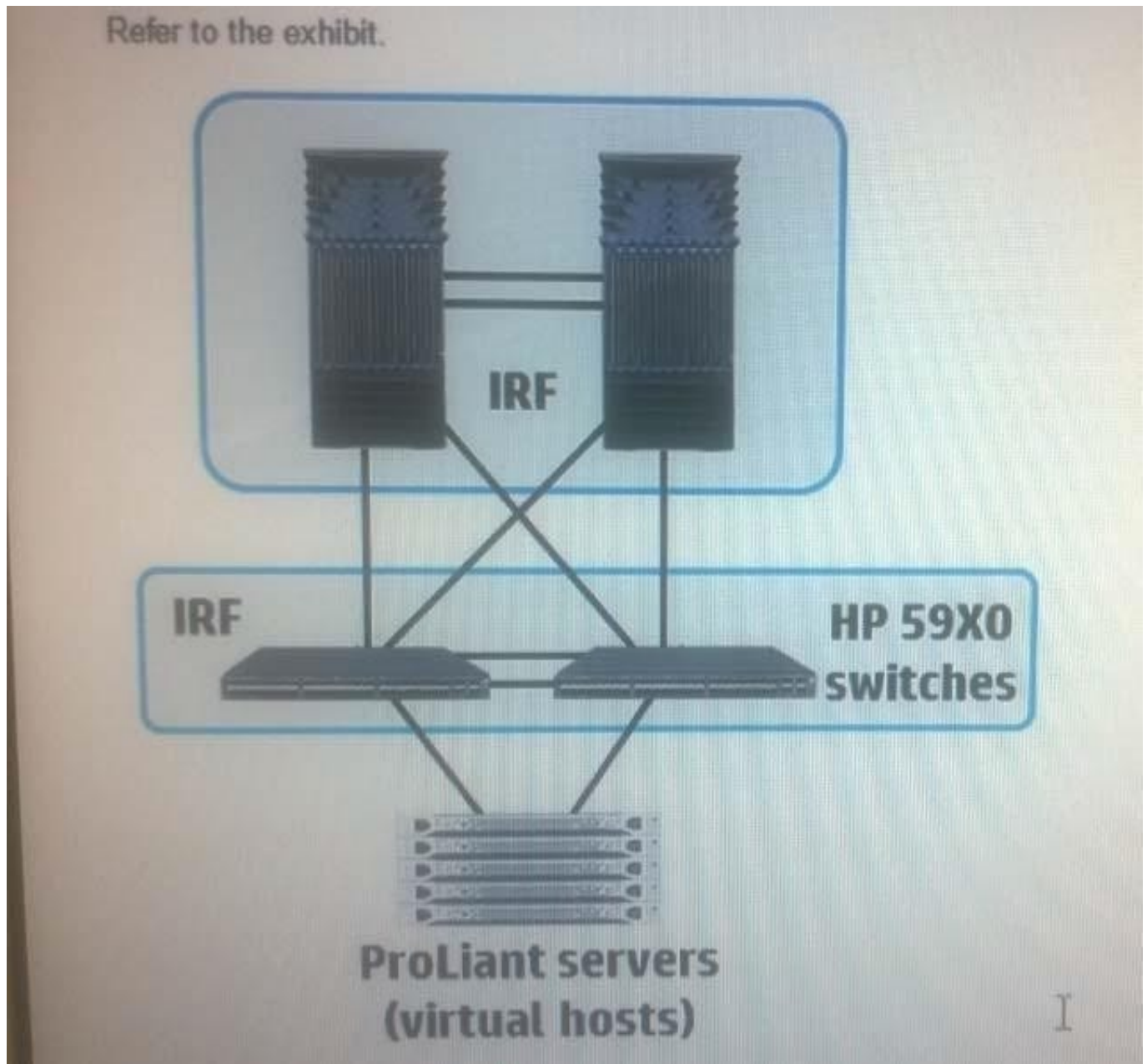
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QUESTION 1



When does this design benefit a virtualized data center?

- A. The access layer and core switches use several layers of redundancy protocols, including Multiple Spanning Tree Protocol (MSTP) at Layer 2, Virtual Router Redundancy Protocol (VRRP) at Layer 3, and Intelligent Resilient Framework (IRF) at Layer 4.
- B. The access layer and core switches can connect on link aggregation groups. VLANs can extend across these aggregations, but they are more stable and highly-available than redundant Layer 2 links that use spanning tree.
- C. The access layer switches can integrate their Intelligent Resilient Framework (IRF) capabilities with those on the core switches to create a single CLOS fabric.



D. The core switches can implement Virtual Ethernet Port Aggregator (VEPA) to extend tunnels for virtualized traffic across the data center backbone.

Correct Answer: B

QUESTION 2

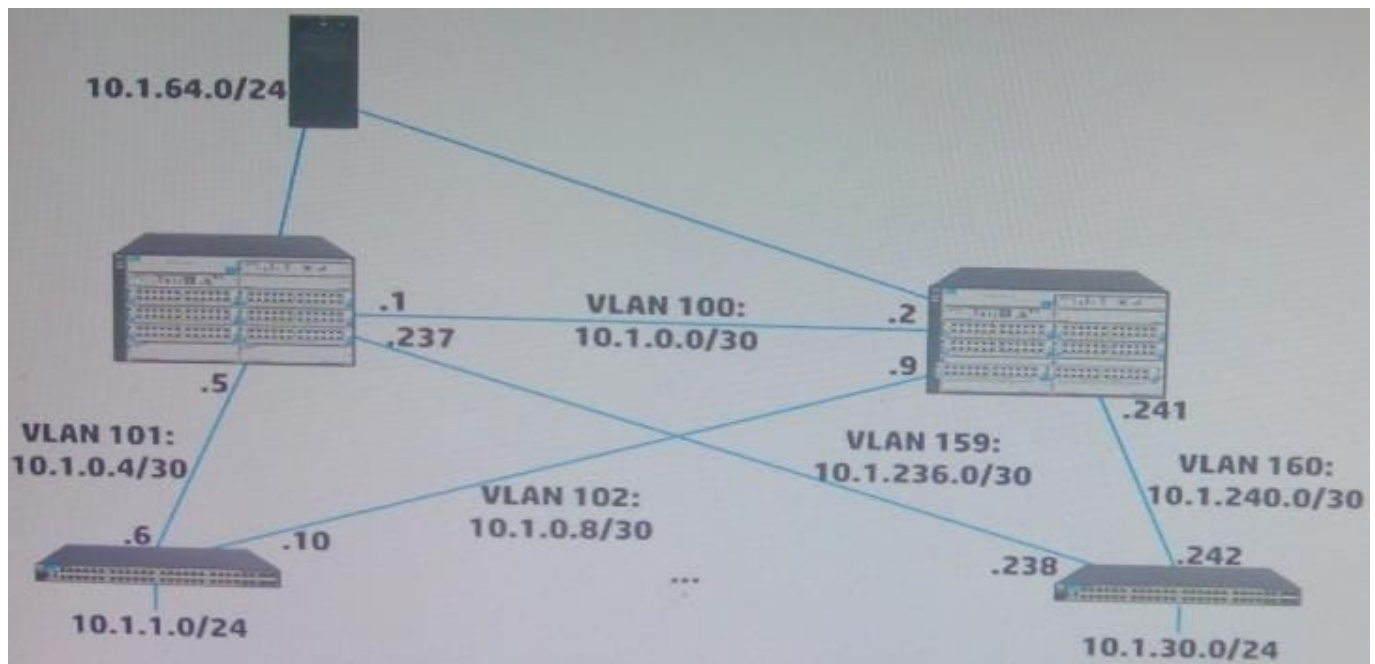
A company recently experienced a data breach when an unauthorized user accessed the network. Which questions should the network architect ask to identify an effective access solution to prevent unauthorized access in the future? (Select two)

- A. Do users have legacy device that do not support 802.1X?
- B. Does the company have the resources required to train users on remediation services?
- C. Does the company's firewall support access control lists (ACL)?
- D. Does the company have an existing RADIUS server?
- E. Do users devices support Secure Shell (SSH)?

Correct Answer: AD

QUESTION 3

Refer to the exhibit.



The exhibit shows the topology for a network with 30 access layer switches (only two are shown). Every switch-to-switch link is a Gigabit link. Every virtual local area network (VLAN) interface runs Open Shortest Path First (OSPF) and has the IP address shows in the exhibit. The interface settings are at the defaults.



The access layer switches support more VLANs not shown in the exhibit and also run Multiple Spanning Tree Protocol (MSTP) as a protection against loops.

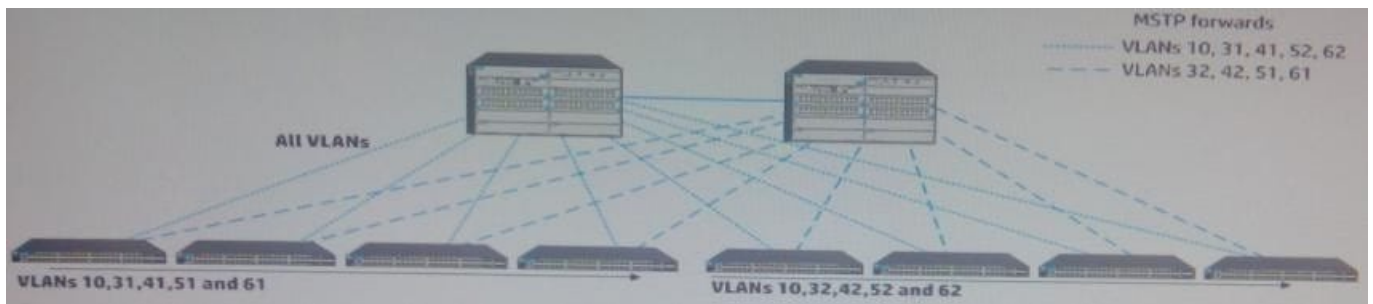
What is one recommendation for enhancing convergence time and resiliency for this solution?

- A. Add a BPDU filter to the VLAN interfaces shown in the exhibit
- B. Lower the cost of the VLAN interfaces to reflect the high speed of the links
- C. Place all the switch-to-switch links in the same VLAN
- D. Raise the OSPF timers on the VLAN interfaces

Correct Answer: A

QUESTION 4

Refer to the exhibit.

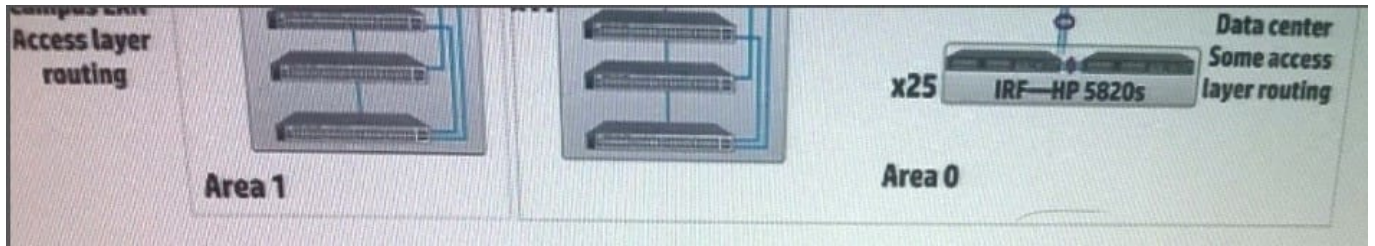


The exhibit shows a network with HP 3500 y1 Series switches at the access layer and HP 8206 zl switches at the core. The customer with this solution has logged several support calls, which were eventually tracked down to spanning tree issues. How can a network architect adjust the solution to prevent the issue in the failure?

- A. Implement BPDU filters on the switch-to-switch links and loop protection edge ports
- B. Connect three or four 3500 y1 switches together in a group. Establish a distributed trunk between two switches in each group and the core switches
- C. Implement BPDU guard and broadcast suppression on all the switch-to-switch links
- D. Configure distributed Trunking on the two 8200 zl switches at the core. Create a distributed trunk between the core switches and each 3500 y1 switch

Correct Answer: D

QUESTION 5



Which exhibit shows the better Open Shortest Path First (OSPF) area scheme and for which reason?

- A. Exhibit 1 because it allows the application of access control lists (ACLs) between users and the data center
- B. Exhibit 1 because the campus and data are separate areas
- C. Exhibit 2 because every area has similar numbers of routers
- D. Exhibit 1 because every area has fewer than 50 routers
- E. Exhibit 2 because every area has fewer than 35 routers

Correct Answer: B

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