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Architecting HP FlexNetwork Solutions

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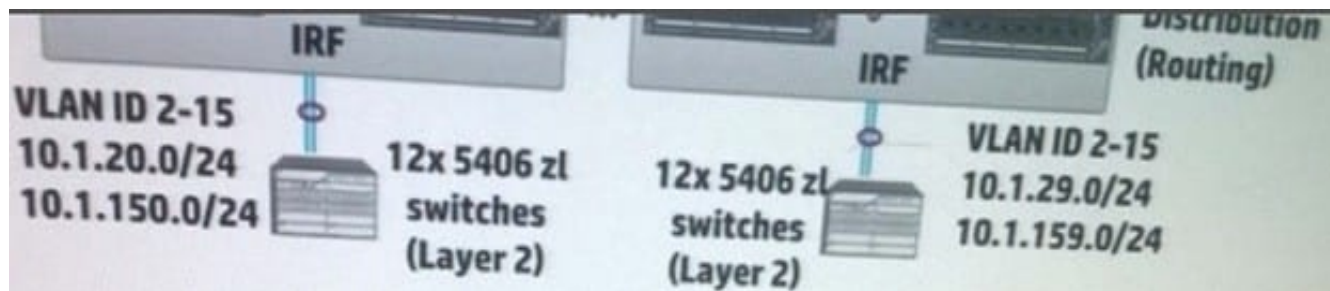
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QUESTION 1

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 area network (VLAN) interface runs Open Shortest Path First (OSPF) and has the IP address shown in the exhibit. The other interface settings are defaults.



The access layer switches support several more VLANs not shown in the exhibit and also run Multiple Spanning Tree protocol (MSTP) loops. What is one recommendation for enhancing convergence time and resiliency for this solution?

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

Correct Answer: D

QUESTION 2



The customer wants to assign users to VLANs dynamically based on their Windows group. The company Windows Network Policy server provide the assignments. Each of the Windows groups includes between 100 to 600 users. Which issue does the architect need to resolve?

- A. The proposed dynamic VLANs have too many potential users for the proposed subnets.
- B. The plan for the edge ports is incorrect they should be trunk ports that support multiple VLANs.
- C. The switch-to-switch links should not carry so many VLANs.
- D. The proposed switches do not accept dynamic VLAN assignments from Windows NPS servers.

Correct Answer: A



QUESTION 3

Which Flex Fabric product extends HP switch features to virtual hosts and extends HP VAN Connection Manager benefits to virtualized environments\\'?

- A. HP Virtual Connect Manager
- B. HP 5900v Virtual Switch
- C. HP MSR 2000 router
- D. HP Virtual Cloud Networks

Correct Answer: B

QUESTION 4

A network architect is using the Network Traffic Analyzer (NTA) module for HP Intelligent Management Center (MC) to evaluate traffic patterns in a campus LAN environment. The network architect hopes to use this information to determine whether the current oversubscription is working well or whether the new plan to have less oversubscription.

What will provide the most useful information for this decision?

- A. The peak utilization on uplinks
- B. The sum of the average utilization on user edge ports
- C. The peak utilization on randomly-selected user edge ports
- D. The average utilization on uplinks

Correct Answer: A

QUESTION 5

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

Correct Answer: C