



# HP0-Y50<sup>Q&As</sup>

Architecting HP FlexNetwork Solutions

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**QUESTION 1**

A customer prefers fixed-port switches at the campus access layer. The network architect wants to propose access layer switches simplifying network architecture and network management.

Which technologies should the network architect consider? (Select two.)

- A. Multiple Protocol Label Switching (MPLS)
- B. Virtual Routing and Forwarding (VRF)
- C. Intelligent Resilient Framework (IRF)
- D. Backplane stacking
- E. Net Stream

Correct Answer: CD

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**QUESTION 2**

The customer plans to connect 40 Voice over IP (VoIP) phones and 8 security cameras to a switch:

The VoIP phones are Class 2 devices and require a maximum of 4.5W (draw 5w) The security cameras are Class 4 devices and require a maximum of 17W (draw 20W) The network architect is proposing a switch that supports PoE and PoE + and has a PoE Power budget of 370W.

The architect proposes the usage from of power allocation. What are the advantages and disadvantages of this proposal?

- A. It allows the switch to run at a lower temperature, saving power and cooling costs, but it decreases the performance for the phones.
- B. It allows the switch to connect to the PoE and PoE+ devices on cheaper copper cable, but it limits the distance between the devices.
- C. It allows the switch to connect to the PoE and PoE + devices at the same time, but the customer must purchase a redundant power supply.
- D. It allows the switch to support the PoE requirements without a redundant power supply, but power might be oversubscribed if conditions change.

Correct Answer: D

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**QUESTION 3**

Which data center characteristics should specifically make the architect consider switches that support Shortest Path Bridging (SPB) or Transparent Interconnection of Lots of Links (TRILL)?

- A. The customer requires redundancy and resiliency for the two data center routing switches



- B. The customer requires high-speed routing between front-end servers and database servers in different subnets
- C. The virtualized data center supports several thousand virtual machines (VMs) with a two-tier networking infrastructure topology
- D. The data center requires many redundant links and must scale the tens of thousands of virtual (VMs)

Correct Answer: A

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#### 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

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#### QUESTION 5

A network architect is designing a redundancy solution for a customer and has learned that there is a single link between two critical network components. During the past 4000 hours of operation, the link has failed twice. The customer estimates that each failure has taken two hours to resolve.

Given this information, what is the availability that this link currently provides?

- A. Less than 99.99%
- B. 99.9%
- C. 99.99%
- D. 99.999%

Correct Answer: B

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