400-007^{Q&As}

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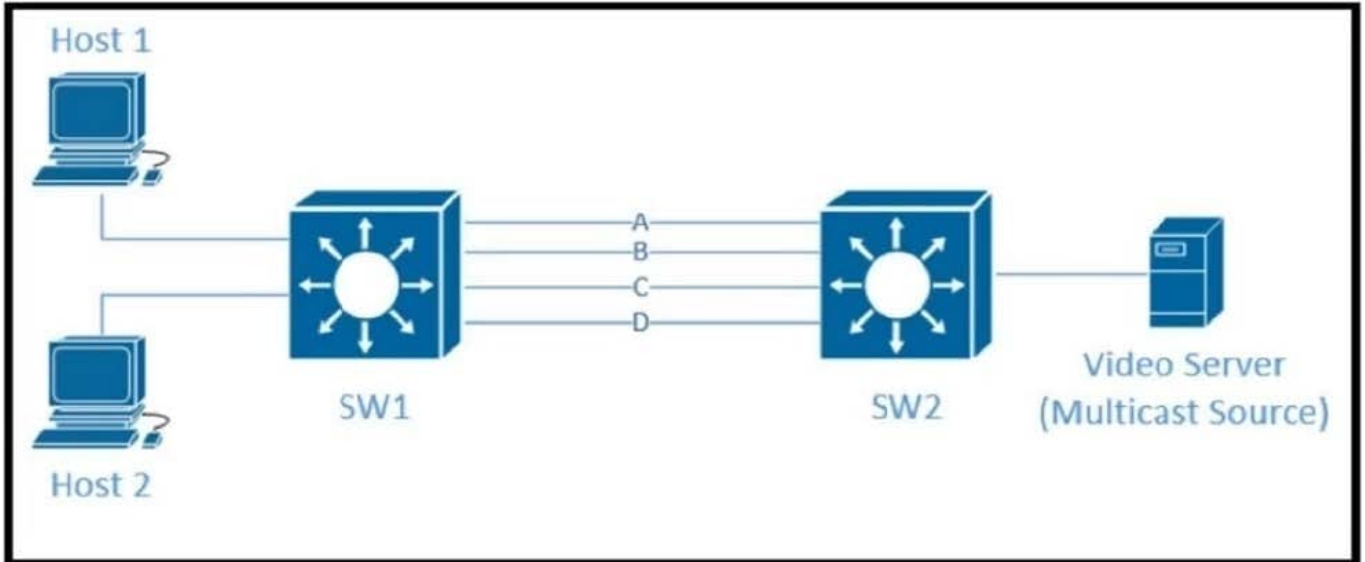
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QUESTION 1

Refer to the exhibit.

Traffic was equally balanced between Layer 3 links on core switches SW1 and SW2 before an introduction of the new video server in the network. This video server uses multicast to send video streams to hosts and now one of the links between core switches is over utilized.

Which design solution solves this issue?

A. Aggregate links using Layer 2 link aggregation.

B. Add more links between core switches.

C. Apply a more granular load-balancing method on SW2.

D. Filter IGMP joins on an over-utilized link.

E. Apply a more granular load-balancing method on SW1.

Correct Answer: A

IP multicast Multipath only split load from more than one source, in this case, there is only one source neither E or C is correct as traffic will still Continuing To hit overutilized link.

QUESTION 2

A healthcare provider discovers that protected health information of patients was altered without patient consent. The healthcare provider is subject to HIPAA compliance and is required to protect PHI data. Which type of security safeguard should be implemented to resolve this issue?

A. technical and physical access control

B. administrative security management processes

C. physical device and media control

D. technical integrity and transmission security

Correct Answer: D

-HIPAA\\'s data integrity requirements, protecting ePHI from "improper alteration" while stored or while in transit
-"integrity" means that e-PHI is not altered or destroyed in an unauthorized manner.

With no transmission security data might be altered in transit, even with proper admin access.

QUESTION 3

Company XYZ asks for design recommendations for Layer 2 redundancy. The company wants to prioritize fast convergence and resiliency elements. In the design. Which two technologies are recommended? (Choose two.)

A. Design MLAG/MC-LAG into the network wherever possible.

B. Configure DHCP snooping on the switches.

C. Use root guard.

D. Use BPDU guard.

E. Use UniDirectional Link Detection.

Correct Answer: AC

UDLD is not related at all.

Root guard help for root election faster.

This question is simular with Q111.

QUESTION 4

You want to mitigate failures that are caused by STP loops that occur before UDLD detects the failure or that are caused by a device that is no longer sending BPDUs. Which mechanism do you use along with UDLD?

A. Root guard

B. BPDU guard

C. Loop guard

D. BPDU filtering

Correct Answer: C

QUESTION 5

![Pass2Lead](https://Pass2Lead.com)
An IT service provider is upgrading network infrastructure to comply with PCI security standards. The network team finds that 802.1X and VPN authentication based on locally- significant certificates are not available on some legacy phones.

Which workaround solution meets the requirement?

A. Replace legacy phones with new phones because the legacy phones will lose trust if the certificate is renewed.

B. Enable phone VPN authentication based on end-user username and password.

C. Temporarily allow fallback to TLS 1.0 when using certificates and then upgrade the software on legacy phones.

D. Use authentication-based clear text password with no EAP-MD5 on the legacy phones.

Correct Answer: B

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