642-996 ^{Q&As}

Designing Cisco Data Center Unified Fabric

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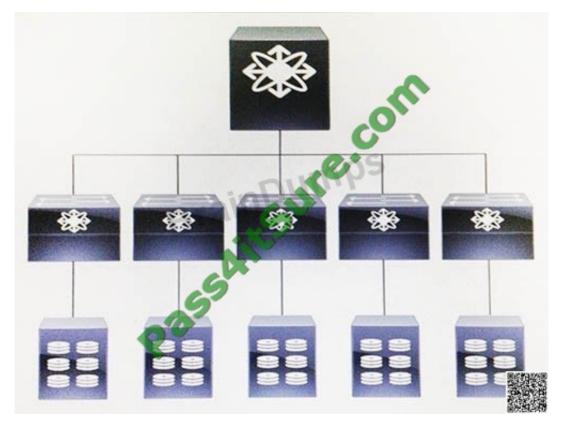**Instant Download** After Purchase

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QUESTION 1

Refer to the exhibit.

You are evaluating a proposed topology design. Which technology can you recommend to lower the total cost of the hardware for the topology?

A. private VLANs

B. VLAN trunking

C. port channels

D. a VSAN

Correct Answer: D

QUESTION 2

What is one example that is true concerning network management for the data center?

A. The Network Analysis Module is best deployed in the core for highest visibility.

B. It utilizes flexible NetFlow for enhanced network anomaly and security detection.

C. NetFlow support is available on most IOS and Nexus products, excluding the Nexus 1000v.

D. NetFlow Data Export is best positioned on the Nexus 5500 at the access or aggregation layers.

Correct Answer: B

QUESTION 3

What is the most common design requirement when creating a data center solution?

A. high availability with disaster recovery

B. multicore CPU servers

C. traffic inspection for inbound traffic

D. virtualization of network resources

Correct Answer: A

QUESTION 4

Which of the following is true with respect to Cisco Adapter FEX?

A. Cisco Adapter FEX is only supported on vSwitch.

B. Cisco Adapter FEX enables the server adapter to be logically partitioned into multiple vNICs.

C. Cisco Adapter FEX does not provide architectural flexibility.

D. Cisco Adapter FEX increases the number of cables in the data center.

Correct Answer: B

QUESTION 5

Which Cisco product meets the LAN extension cryptography requirement in OTV over Dark Fiber scenario?

A. IronPort

B. Cisco TrustSec

C. VSG

D. Zone-Based Firewall

Correct Answer: C

QUESTION 6

Which physical data center design will reduce cabling and keep all of the cables within a rack?

A. ToR design

B. MoR design

C. EoR design

D. ILR design

Correct Answer: A

QUESTION 7

You are evaluating whether to replace a Cisco Catalyst 6500 Series VSS with Cisco Nexus Series Switches. Which feature is provided with the Cisco Nexus Switches only?

A. Layer 2 EtherChannel

B. STP

C. VSL

D. CFS

E. PAgP

Correct Answer: D

QUESTION 8

Which two options decrease when using a Cisco Unified Fabric Topology as compared to an isolated fabric topology? (Choose two.)

A. the number of cables required to connect to the pod

B. the cost of data storage

C. the cost-per-port of the Fibre Channel switches

D. the power consumption of each pod

E. the number of uplinks required on the Fibre Channeldirector switches

Correct Answer: DE

QUESTION 9

The classical aggregation layer design does not provide isolation on the control plane and on the data plane. What is the solution to this problem?

A. STP

B. VDC

C. Cisco ISO ISSU

D. HSRP

Correct Answer: B

QUESTION 10

You are planning to build a new SAN network that will have 25 4-Gbps host ports and two 8-Gbps storage uplink ports. Which option is the oversubscription ratio on a Cisco MDS switch?

A. 7:1

B. 6:1

C. 10:3

D. 5:3

E. 4:1

Correct Answer: B

QUESTION 11

After a recent acquisition, you have been asked to merge two SANs into one. Which SAN topology is Cisco recommended?

A. Core-Edge

B. Edge-Core-Edge

C. Core Access

D. Collapsed Core

E. Collapsed Core-Edge

Correct Answer: B

QUESTION 12

Which Cisco UCS Fabric Extender provides up to 160 Gbps of bandwidth to the Cisco UCS chassis?

A. UCS 2208XP

B. UCS 2204XP

C. UCS 2104XP

D. UCS 2108XP

Correct Answer: A

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