



300-160^{Q&As}

Designing Cisco Data Center Computing

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QUESTION 1

Which two statements about how universal ports are converted from Ethernet to Fibre Channel ports are true? (Choose two.)

- A. Fibre Channel ports should be configured consecutively from the last port of a module.
- B. Port type changes become effective immediately after configuration.
- C. Fibre Channel ports should be configured consecutively from the first port of a module.
- D. Port type changes become effective only after reloading the switch.
- E. Fibre Channel ports may be assigned to any available port without regard to switch location.

Correct Answer: AD

QUESTION 2

Which two options are reasons to use Layer 3 routing to segment a data center instead of Layer 2 switching? (Choose two.)

- A. limit the scope Spanning Tree Protocol
- B. limit the scope simplify design
- C. broadcast flooding
- D. ease of routing protocol configuration E. cost

Correct Answer: AB

QUESTION 3

Which statement about the Overlay Transport Virtualization protocol is true?

- A. It is IP-based functionality that provides Layer 3 extension over any transport.
- B. The data plane exchanges MAC reachability info.
- C. The control plane protocol is IS-IS.
- D. It supports FCoE.

Correct Answer: C

QUESTION 4

Which access layer technology will provide redundancy if there is a link failure on a server link?



- A. VDC
- B. MPLS
- C. vPC
- D. Cisco OTV

Correct Answer: C

QUESTION 5

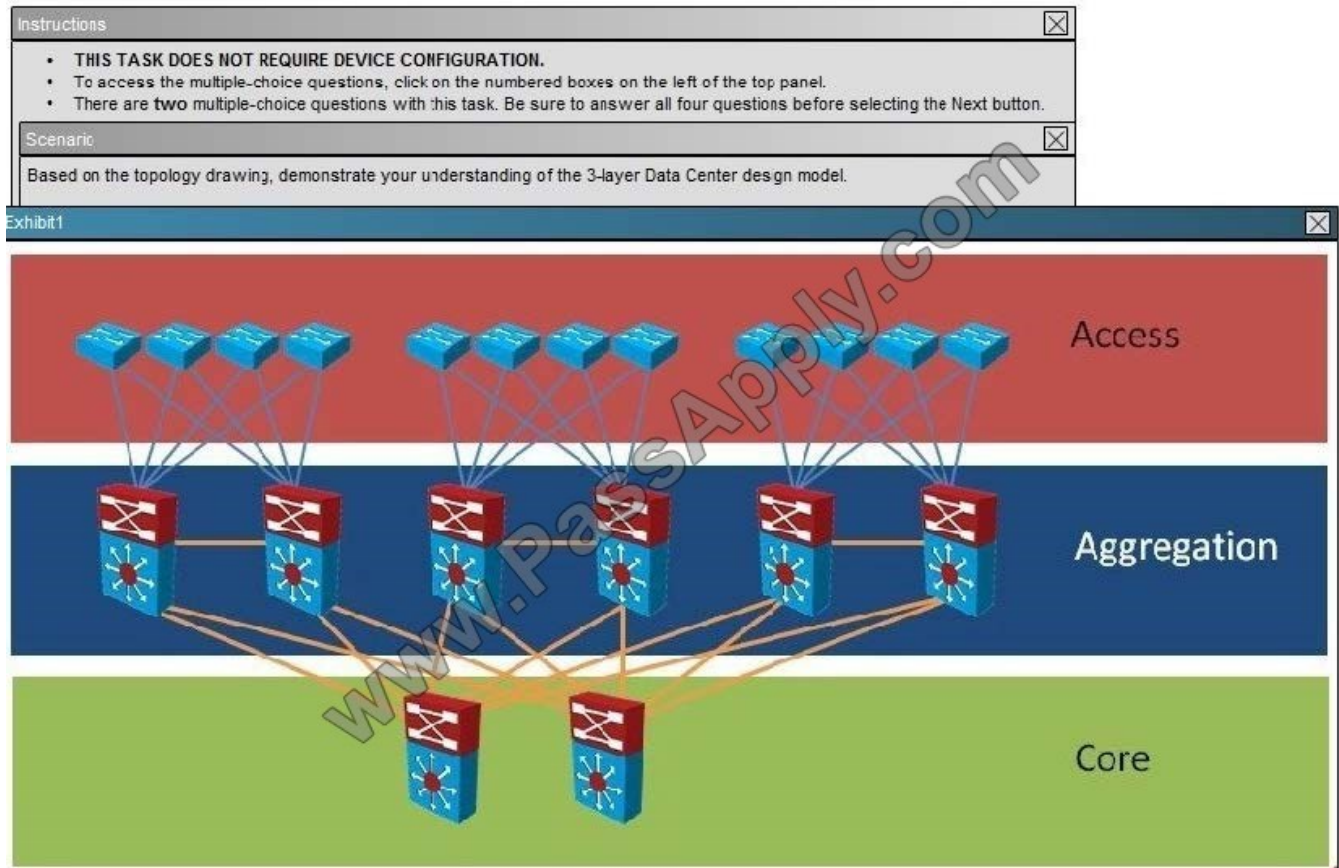
You are configuring CIMC management IP pools. You need to avoid the following misconfigurations: Assigning an IP pool that contains only IPv4 addresses as the in-band IPv6 policy Assigning an IP pool that contains only IPv6 addresses as the in-band IPv4 policy to a server CIMC

What does a cisco recommend?

- A. Configure two separate in-band addresses pools that each have only IPv4 or IPv6 addresses
- B. Configure out-of-band management only for IPv6 and accept the default settings for IPv4
- C. Accept the default pool settings for both IPv4 and IPv6
- D. Configure out-of-band management only for IPv4 and accept the default settings for IPv6

Correct Answer: A

QUESTION 6



Select two items that represent features of the Aggregation layer in the Data Center 3-layer design. (Choose two)

- A. High-speed Layer 3 switching
- B. First-Hop Routing Protocols
- C. Demarcation point between static and dynamic routing protocols
- D. QoS Marking
- E. Q 802.1X

Correct Answer: AB

QUESTION 7

You have a Cisco UCS Fabric Interconnect that connects to upstream switches via four 10-Gbps port channels. You have a fully populated Cisco UCS B-Series Blade Server chassis that has a UCS-IOM 2208XP installed and uses all of the

ports for the blade servers.

What is the oversubscription ratio between the chassis and the upstream switch?

- A. 6:1



B. 3:1

C. 2:1

D. 4:1

Correct Answer: B

QUESTION 8

Which SAN port type should you use on an NPIV core switch that connects to an NPV edge switch?

A. FL

B. F

C. N

D. TE

E. E

Correct Answer: B

QUESTION 9

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 filexible 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 10

Which command does a mainframe use for all subsequent logins for either virtual machines or logical partitions, after the initial connection and login process?

A. F-Port login process

B. N-Port ID Virtualization

C. FDISC login commands

D. Fibre Channel IDs



Correct Answer: C

QUESTION 11

You are designing data center core layer interconnections. Which three options are benefits of using separate LAN and Layer 3 data center interconnects as compared to a stretched Layer 2 design? (Choose three.)

- A. A logical separation of change control exists for the two core layers.
- B. Intra-data center traffic flows are switched locally in the data center core.
- C. A data center has a logical separation point for moving to an offsite location without redesign.
- D. This kind of topology can be converted easily to a Cisco FabricPath topology.
- E. Both data center and LAN traffic is switched in the data center core.
- F. Fault tolerance in LAN and the data center core layer is managed by using the STP.

Correct Answer: ABC

QUESTION 12

Which two characteristics are associated with the core layer of a Data Center Unified Fabric network? (Choose two.)

- A. Layer 2 default gateway redundancy
- B. QoS--policing
- C. no packet manipulation
- D. QoS--classification and queuing
- E. scalable routing protocols like OSPF

Correct Answer: CE

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