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Exam : **300-610**

Title : Designing Cisco Data
Center Infrastructure (DCID)

Version : DEMO

1.An engineer must connect an existing Cisco Fabric Interconnect to an IP-based storage array. The connection be a channel made directly between the fabric interconnect expansion module and the storage array. The engineer must also consider that the environment is running FCoE for storage and uses QoS to prioritize traffic.

Which port type should be used to meet these requirements?

- A. Network
- B. Uplink
- C. Appliance
- D. server

Answer: B

2.A network architect must design a large-scale Cisco SAN topology. The customer has a limited budget, so a design that provides use of resources is required. To support this requirement, the architect to share array ports, ISL, and line card bandwidth.

The customer has also presented these additional considerations:

- ⇒ The customers plans to expand the network by 10% over the next two years.
- ⇒ The customer's policy requires physically separated infrastructure to support high availability.

Which solution should be used to meet these requirements?

- A. Collapsed-core
- B. Mesh
- C. Core-edge
- D. Edge-core-edge

Answer: C

3.What are two reasons to select OTV as the DCI solution to connect multisite topologies? (Choose two.)

- A. It propagates hosts reachability without support of traffic flooding.
- B. Layer 3 failures do not propagate beyond the OTV edge device.
- C. It extends the spanning tree between data centers.
- D. It is an open standard.
- E. It constrains HSRP hello messages to each data center.

Answer: AB

4.An engineer Installs a B-Series server in a Cisco UCS chassis that contains a pair of UCS-IOM-2208XP I/O modules. The full bandwidth of the I/O module must be utilized.

Which two elements should be used in this environment? (Choose two.)

- A. eight twinax cables from each I/O module to each fabric interconnect
- B. four twinax cables from each I/O module to each fabric Interconnect
- C. Cisco UCS VIC 1225
- D. Cisco UCS M81KR
- E. Cisco UCS VIC 1280

Answer: A,D

5.Which Ethernet to Cisco Fabric Interconnect connectivity configuration is supported when FCoE is implemented?

- A. VSS that has unified uplinks
- B. Ethernet and unified ports on the same port channel
- C. vPC that has unified uplinks
- D. cross-connections with pinning

Answer: D