



300-610^{Q&As}

Designing Cisco Data Center Infrastructure (DCID)

Pass Cisco 300-610 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.pass4itsure.com/300-610.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Cisco
Official Exam Center

- ⚙️ **Instant Download** After Purchase
- ⚙️ **100% Money Back** Guarantee
- ⚙️ **365 Days** Free Update
- ⚙️ **800,000+** Satisfied Customers



**QUESTION 1**

An engineer must interconnect two geographically separated data centers. The service provide offers a Layer 2 metro Ethernet link. The strict security policy requires that the information that is shared between two sites must be sent encrypted. The application deployed between sites requires a line-rate throughput regardless of the packet size and speed. Which solution meets these requirements?

- A. IPsec
- B. MACsec
- C. L2TPv2
- D. L2TPv3

Correct Answer: B

<https://www.cisco.com/c/dam/en/us/td/docs/solutions/Enterprise/Security/MACsec/WP-High-Speed-WAN-Encrypt-MACsec.pdf>

QUESTION 2**DRAG DROP**

Drag and drop the technologies from the left onto the correct descriptions on the right.

Select and Place:

iSCSI	allows the storage system to tell the client which paths are optimized
TOE	provides block-level access to the storage
MPIO	host software has visibility into different iSCSI ports
ALUA	offloads device CPU from encapsulation / decapsulation

Correct Answer:



ALUA

iSCSI

MPIO

TOE

QUESTION 3

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

Correct Answer: C

Please review this question.

QUESTION 4

A company must integrate an iSCSI storage solution into its existing production environment. The new iSCSI network must be accessible from a limited set of network segments. The client devices follow a strict network security policy to access critical data from the storage array.

Which design steps must be used to meet these requirements?

- A. Place the iSCSI storage appliance on the core switch to isolate it in a private VLAN. Configure a token-based authentication between the storage array and the clients.
- B. Deploy the iSCSI storage appliance on the core switch in a separate VRF. Apply the session mutual authentication (CHAP) method between the targets and initiators.
- C. Connect the iSCSI storage appliance on the core switch using a dedicated port. Apply the session mutual



authentication (CHAP) method between the targets and initiators.

D. Connect the iSCSI storage appliance on the core switch in vPC mode. Configure a token-based authentication between the storage array and the clients.

Correct Answer: B

QUESTION 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

Correct Answer: D

FCoE Uplink with vPC supported, but no vPC that has unified uplinks <https://www.cisco.com/c/en/us/support/docs/servers-unified-computing/ucs-manager/116188-configure-fcoe-00.html#anc7>

[Latest 300-610 Dumps](#)

[300-610 Exam Questions](#)

[300-610 Braindumps](#)