

Quiz Cisco - High Hit-Rate 300-610 - Designing Cisco Data Center Infrastructure Valid Study Materials



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Cisco 300-610 exam is a certification exam that is designed for IT professionals who are interested in validating their skills and knowledge in designing Cisco data center infrastructure. 300-610 exam is designed to test the candidate's ability to design and deploy data center infrastructure, including storage networking, compute infrastructure, network infrastructure, and automation. It is also designed to test the candidate's ability to design and deploy cloud infrastructure, including private, public, and hybrid clouds.

Cisco 300-610 Certification Exam covers a wide range of topics related to data center infrastructure design, including network architecture, virtualization, storage, and security. It is a comprehensive exam that requires candidates to have a solid understanding of the principles and best practices of data center design. 300-610 exam consists of multiple-choice questions and requires candidates to demonstrate their ability to apply their knowledge to real-world scenarios.

Question 300-610 Explanations - 300-610 Latest Test Questions

Many don't find real Designing Cisco Data Center Infrastructure exam questions and face loss of money and time. TroytecDumps made an absolute gem of study material which carries actual Designing Cisco Data Center Infrastructure (300-610) Exam Questions for the students so that they don't get confused in order to prepare for Designing Cisco Data Center Infrastructure (300-610) exam and pass it with a good score. The 300-610 practice test questions are made by examination after consulting with a lot of professionals and receiving positive feedback from them.

Cisco 300-610 Certification Exam is a highly valued certification for IT professionals who design data center infrastructure. It tests the candidate's knowledge and skills in various areas related to data center design, and it covers the latest technologies and trends in the industry. Passing this certification exam will validate the candidate's expertise in designing data center infrastructure and will help them advance their career in the IT industry.

Cisco Designing Cisco Data Center Infrastructure Sample Questions (Q99-Q104):

NEW QUESTION # 99

An engineer wants to eliminate the manual process of checking the system hardware and firmware against a specified hardware compatibility tool. The tool must be able to manage an extensive list of devices including Cisco HyperFlex, MDS, and Nexus switches. The tool must manage hardware in multiple data centers so it should be deployed on public cloud infrastructure. Which tool meets these requirements?

- A. Cisco Data Center Network Manager
- B. Cisco Tetration
- C. Cisco Intersight
- D. Cisco UCS Director

Answer: C

Explanation:

<https://www.cisco.com/c/en/us/products/collateral/cloud-systems-management/intersight/datasheet-c78-739433.html>

NEW QUESTION # 100

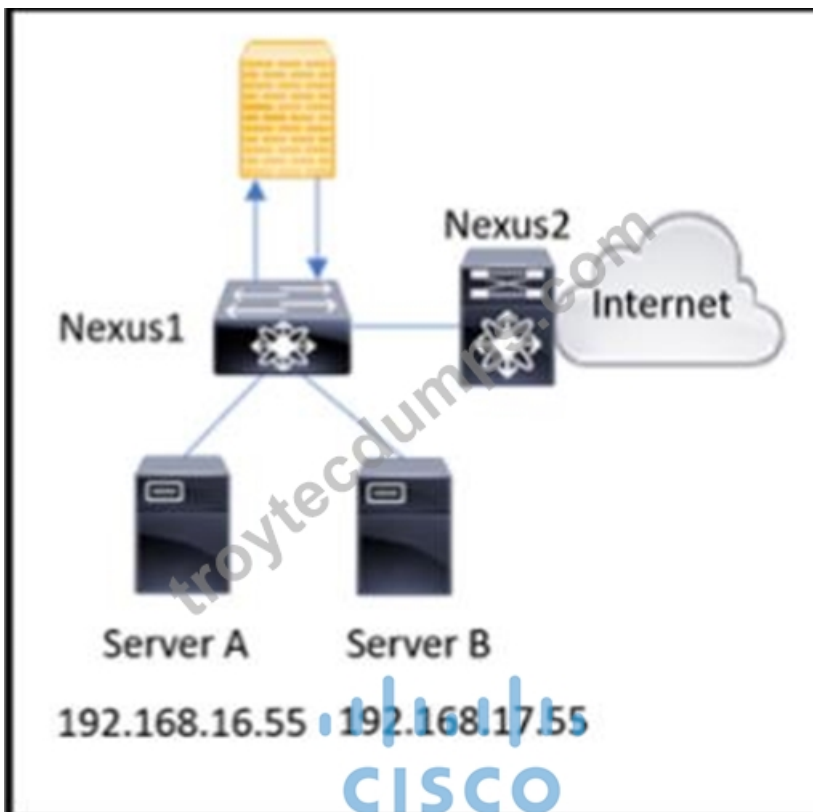
An engineer must design a disaster recovery solution for a Cisco ACI Multi-Site network. One requirement is that the applications must have seamless IP addressing across sites. The solution must also be highly resilient and support Layer 2 adjacency. Which design meets these requirements?

- A. Option C
- B. Option D
- C. Option A
- D. Option B

Answer: A

NEW QUESTION # 101

Refer to the exhibit.



The Cisco Nexus Series Switch with hostname Nexus1 is the default gateway for server A and server B. Both servers must have reachability to the internet; however, server A internet traffic must pass through the firewall for deep packet inspection. Also, the firewall must inspect any communication between server A and server B. Which solution must be applied to separate the data plane path for server A and server B?

- A. VDC
- B. VXLAN
- C. VLAN
- D. VRF

Answer: D

NEW QUESTION # 102

An engineer finishes the initial set up of a VXLAN EVPN network. The engineer is asked to plan for connectivity that supports redundancy and extends multiple virtual routing and forwarding domains. The requirement is to use the same default gateway addressing across all leaf switches that belong to the VXLAN network. Which two solutions must be used to meet these requirements? (Choose two)

- A. Inter-site network
- B. Distributed anycast gateway
- C. spanning tree protocol
- D. VRF-lite
- E. DC interconnect

Answer: B,E

Explanation:

[https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst9300/software/release/16-](https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst9300/software/release/16-12/configuration_guide/vxlan/b_1612_bgp_evpn_vxlan_9300_cg/configuring_evpn_vxlan_anycast_gateway.html)

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<https://www.cisco.com/c/en/us/products/collateral/switches/nexus-9000-series-switches/white-paper-c11-739942.html>

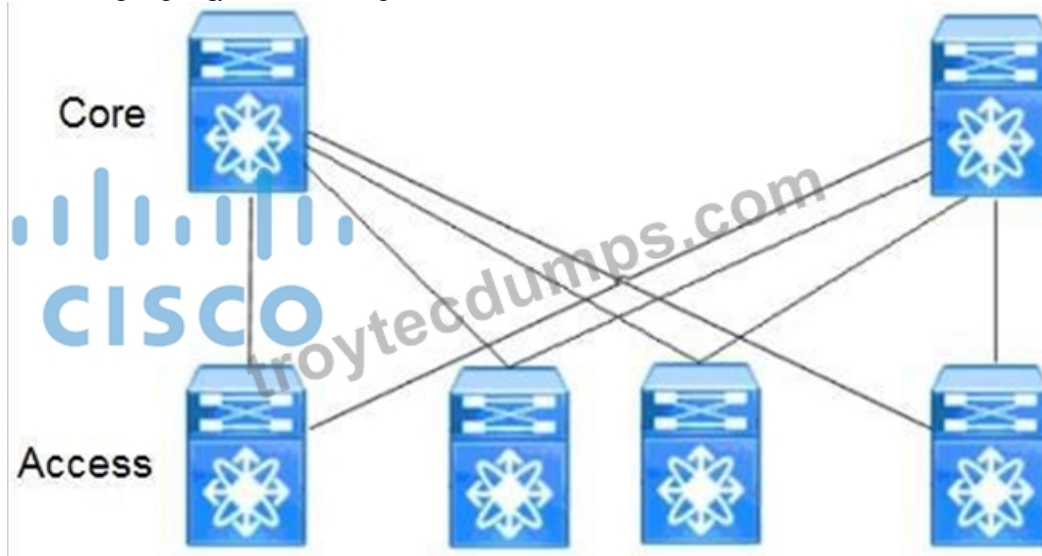
EVPN Multi-Site architecture can also be used for DCI scenarios (Figure 3). As with the compartmentalization and scale-out within a data center, EVPN Multi-Site architecture was built with DCI in mind. The overall architecture allows single or multiple sites per data center to be positioned and interconnected with single or multiple sites in a remote data center. With seamless and controlled Layer 2 and Layer 3 extension through the use of VXLAN BGP EVPN within and between sites, the capabilities of VXLAN BGP EVPN itself have been increased. The new functions related to network control, VTEP masking, and BUM traffic enforcement are only some of the features that help make EVPN Multi-Site architecture the most efficient DCI technology.

NEW QUESTION # 103

Refer to the exhibit. An engineer must migrate the current topology to a topology that provides more speed, less latency, and support for software-defined networks. The new topology has these requirements:

- separation into core, aggregation, and access routers
- varied server-to-server latency, depending on the path used
- support for extending the Layer 3 domain by combining access and aggregation routers

Which design topology meets these requirements?



- A. spine-and-leaf
- B. core-edge
- C. flood-and-learn
- D. three-tier

Answer: D

NEW QUESTION # 104

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