

Demo Questions

Cisco 300-610 Exam

Designing Cisco Data Center Infrastructure (DCID)

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Question #1 Topic 1

What is an advantage of using OTV as compared to VPLS for data center redundancy?

- A. prevents loops on point-to-point links
- B. provides head-end replication
- C. uses a proactive MAC advertisement
- D. provides full-mesh connectivity

Correct Answer: A

Reference:

<https://community.cisco.com/t5/data-center-documents/understanding-overlay-transport-virtualization-otv/ta-p/3151502#toc-hld-1043251551>

Question #2 Topic 1

DRAG DROP -

A failure occurs on the network between two BFD and OSPF neighbors. Drag and drop the protocol actions from the left into the correct order on the right.

Select and Place:

Correct Answer:

Reference:

https://www.cisco.com/c/en/us/td/docs/ios/12_0s/feature/guide/fs_bfd.html#wp1238898

Question #3Topic 1

Which multicast rendezvous point redundancy mode is valid for Bidirectional PIM?

- A. Embedded RP
- B. Phantom RP
- C. MSDP
- D. PIM anycast RP

Correct Answer: D

Reference:

https://www.cisco.com/c/en/us/products/collateral/ios-nx-os-software/ip-multicast/whitepaper_c11-508498.html

Question #4Topic 1

An engineer deploys LISP VM mobility. Which feature is configured on the interfaces that have VM mobility enabled?

- A. IP redirects
- B. flow control
- C. proxy ARP
- D. HSRP

Correct Answer: C

Reference:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/nx-os/lisp/configuration/guide/b_NX-OS_LISP_Configuration_Guide/b_NX-OS_LISP_Configuration_Guide_chapter_010.html

Question #5Topic 1

What are two advantages of using Cisco vPC over traditional access layer designs? (Choose two.)

- A. supports Layer 3 port channels
- B. disables spanning-tree
- C. no spanning-tree blocked ports
- D. uses all available uplink bandwidth
- E. maintains single control plane

Correct Answer: *CD*

Reference:

https://www.cisco.com/c/dam/en/us/td/docs/switches/datacenter/sw/design/vpc_design/vpc_best_practices_design_guide.pdf