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.passapply.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 architect must automate routine tasks within a data center The data center exclusively uses Cisco Nexus Series Switches The networking team lacks proper programming knowledge and prefers an automation solution that leverages NXOS commands Any configuration change must use HTTPS for transport due to a security compliance requirement. Which solution must the architect choose?

A. NX-API

B. Python-API

C. Chef

D. Terraform

Correct Answer: A

QUESTION 2

A customer connects a high-speed Fibre Channel storage array to a Cisco MDS 9000 Series Switch using an 8 Gbps interface. Which action guarantees line rate traffic processing on the interface?

A. Set global buffering with B2B_credits for the interface.

B. Set local buffering with B2B_credits for the interface.

C. Configure the interface rate mode as dedicated.

D. Configure the interface rate mode as shared.

Correct Answer: C

QUESTION 3

A customer is implementing a business continuity solution for the current data centers The new location must mitigate the impact of a disaster in any existing data centers by providing an acceptable level of service The solution must support:

1.

fully segregated Layer 2 and 3 fault domains:

2.

ow or no human intervention for service restoration

3.

edium to high RPCVRTO for a subset of applications

4.

synchronous storage replication for application data

Which disaster recovery solution must the customer select to meet these requirements?

A. identical infrastructure facility ready to provide service

B. mirrored inactive infrastructure facility with fully stretched resources

C. cold infrastructure facility with basic infrastructure

D. partially equipped infrastructure faculty for on-demand activation

Correct Answer: D

QUESTION 4

When planning to deploy a load-balancing service as a managed node, which ACI configuration must be included?

A. BGP ECMP

B. Layer 4 to Layer 7 device package

C. inline load-balancing device

D. ITD

Correct Answer: B

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/apic/sw/1-x/ACI_Best_Practices/b_ACI_Best
_Practices/b_ACI_Best_Practices_chapter_0110.html

QUESTION 5

After experiencing traffic disruptions from the failure of a single router, a customer asks an engineer to design a solution that will prevent this from occurring in the future. While examining the customer\\'s environment, the engineer discovers that the routers are manufactured by a variety of different vendors, and they have varying amounts of CPU and memory resources. Additionally, several of the customer\\'s applications require the ability to fine-tune the load-balancing parameters between multiple routers.

Which solution should be used to meet these requirements?

A. VRRP

B. GLBP

C. FHRP

D. HSRP

Correct Answer: A

Load balancing can be done by having different VRRP groups and configuring different servers with different default gateways. HSRP and GLBP are Cisco proprietary.