

➤ **Vendor: Cisco**➤ **Exam Code: 300-610**➤ **Exam Name: Designing Cisco Data Center Infrastructure (DCID)**➤ **New Updated Questions from [Braindump2go](#) (Updated in [June/2022](#))****Visit Braindump2go and Download Full Version 300-610 Exam Dumps****QUESTION 174**

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?

- ☐ • stretched bridge domain with local subnet
• stretched Layer 2 broadcast domain
- ☐ • localized bridge domain, subnet, and EPG
• stretched Layer 2 broadcast domain
- ☐ • stretched bridge domain, subnet, and EPG
• localized Layer 2 broadcast flooding
- ☐ • localized bridge domain with local subnet
• localized Layer 2 broadcast flooding

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

Answer: C

QUESTION 175

A network consultant evaluates the Ethernet Adapter Policy configuration to be applied to the Cisco UCS blade servers. The policy must minimize latency and increase throughput for sensitive applications. The solution must increase the CPU data cache hit rate to meet these requirements Which policy is required?

- A. AIC
- B. ARFS
- C. NVM-e
- D. RDMA

Answer: B

QUESTION 176

A company data center requires a new disaster recovery solution to host critical services. The solution can sustain several hours of data loss because the services are routinely backed up to an offsite location. Also, the disaster recovery solution must provide 24-hour availability. Due to the strict policy requirements, the company wants to retain

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complete control of when the failover process occurs. Which solution meets these requirements?

- A. active/active
- B. hot standby
- C. warm standby
- D. cold standby

Answer: D

QUESTION 177

An engineer must design Layer 2 connectivity for a subnet between two data centers. The engineer must ensure seamless host mobility and optimal first-hop routing.

Which attribute must be synchronized across all data centers to achieve this goal?

- A. NX-OS version
- B. DCNM to manage both fabrics
- C. multicast group
- D. anycast gateway MAC

Answer: D

QUESTION 178

An ACI deployment must:

- Only use a proxy for border leaf switches.
- Classify incoming traffic on L3OUT.
- Immediately update the endpoint database when the endpoint moves between leaf switches.

Which VRF configuration must be used?

- ☐ • Ingress Policy Control enforcement
• Enforce Subnet Check enabled
• IP Dataplane Learning disabled
- ☐ • Enforce Subnet Check disabled
• IP Dataplane Learning disabled
• Ingress Policy Control enforcement
- ☐ • Ingress Policy Control enforcement
• Egress Policy Control enforcement
• IP Dataplane Learning enabled
- ☐ • Enforce Subnet Check enabled
• IP Dataplane Learning enabled
• Egress Policy Control enforcement

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

Answer: C

QUESTION 179

An engineer must develop a Python tool to automate software upgrades of both data center and non-data center devices.

All devices offer a RESTful API and require a JSON or XML payload Vendor-specific libraries must be avoided.

Which library must the engineer choose?

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- A. requests
- B. Nornir
- C. ncclient
- D. Netmiko

Answer: A

QUESTION 180

An architect needs vendor-agnostic technology to orchestrate and automate a customer network with scripts. The technology must support running ad-hoc scripts from the CLI and support a deployment of scripts based on a large, readily available set of support libraries. Which technology must the architect choose?

- A. Python
- B. Puppet
- C. Cisco Power Tool
- D. Cisco Intersight

Answer: B

QUESTION 181

An engineer must connect a Cisco UCS B-Series based system to an existing large storage area network fabric. The deployment must support hardware-based load balancing, prevent Fibre Channel domain ID exhaustion, and enable all blade servers to be in the same VSAN.

Which set of actions meets the requirements?

- ☐
 - Place all interfaces that face the fabric interconnects in the same VSAN.
 - Disable zoning for the VSAN.
- ☐
 - Connect the fabric interconnect to the E Ports on the SAN switch.
 - Create a SAN port channel.
- ☐
 - Enable Fibre Channel end-host mode on the fabric interconnect and NPIV mode on the SAN switch.
 - Create an F Port channel that faces the fabric interconnect.
- ☐
 - Configure Ethernet end-host automatic load balancing on the fabric interconnect.
 - Set NL port mode on the SAN switch.

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

Answer: C