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QUESTION 1

An engineer manages a multi-organization Cisco UCS fabric and requires a solution to streamline the daily operational tasks of creating service profile templates. The operations team is unfamiliar with programming languages and must have a solution that is written in an easy-to-read and declarative manner. The operations team also requires the tool to be flexible enough to support the creation of custom modules. The development team is familiar with the Python programming language and can develop these custom modules for the operations team.

Which tool meets these requirements?

A. Ansible

B. Puppet

C. CFEngine

D. Chef

Correct Answer: A

QUESTION 2

A cloud service provider is managing day-2 operations of over 200 blade servers installed in the Cisco UCS environment. This pool of network resources is providing virtual networks to their customers. To successfully operate this environment, frequent changes to vNICs and other operational policies are required across multiple UCS domains. The operations team must streamline these repetitive tasks.

Which orchestration tool must be used to meet this requirement?

A. Cisco ACI Multisite Orchestrator

B. Cisco DAN Center

C. Cisco UCS Director

D. Cisco UCS Manager

Correct Answer: A

QUESTION 3

A storage engineer requires a solution that achieves multiple paths between a server and storage array. The design must support complete traffic isolation and support a 50% growth in the next year.

Which FCoE solution meets these requirements?

A. single switch with multiple links

B. at least two VSANs across the fabric

C. at least two FC zone sets with multiple zones

D. single VSAN across the fabric

Correct Answer: B

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/mds9000/sw/5_2/configuration/guides/dmm/dmmcfg/toplgy.html

QUESTION 4

A network engineer must select a high availability feature for their data center. The solution must ensure network resilience, reduce network instability for Layer 3 routing protocols, and meet these requirements:

1.

The device must notify its neighbors when the control plane is undergoing a restart.

2.

The solution must suppress routing flaps in case of stateful switchovers. Which solution must be implemented?

A. BFD

B. HSRP

C. NSF

D. ISSU

Correct Answer: C

QUESTION 5

An engineer must logically partition two Cisco Nexus 7000 Series Switches into two environments called Test_39919596 and Production_59423879. The environments must use only F2-Series line cards and be limited to a maximum of 265 port-channels.

Which Cisco Nexus feature must be used?

A. vPC

B. VDC

C. vFC

D. VRF

Correct Answer: B

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