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Question 1

Refer to the exhibit A Cisco engineer is configuring a next-generation Cisco HyperFlex HX data platform with 2 x Cisco UCS 6248UP fabric interconnects. 8 x Cisco HX-Series HX240c-M4SX servers, plus 8 x Cisco UCS B200-M4 blade servers Cisco UCS 5108 blade chassis, and Cisco UCS 2204XP fabric extenders The solution is configured with HX Release 4 5(2a) using VMware ESXi 7 0 U2 After the engineer migrates all customer VMs to the new solution platform, the engineer decides to create HX Native snapshots for all the VMs The engineer performs the operation and notices that some of the VMs are not creating snapshots. What is the most probable reason that the HX Native snapshots are not created?

Options:

A- Virtual machines are in suspended state

B- The servers have duplicate names

C- The source disk is thick provisioned

D- The node has insufficient datastore space

Answer:

C

Question 2

The network infrastructure team is beginning to automate routine tasks within the Cisco ACI fabric and is searching for the appropriate solution The solution must not require any additional software installed on the Cisco APIC Networking team members lack automation experience and prefer to use a tool that does not require in-depth programming knowledge Finally configuration within the Cisco ACI fabric is rarely modified or removed Which solution must the team choose?

Options:

A- Cobra SDK

B- Ansible

C- Terraform

D- Puppet

Answer:

A

Question 3

A Cisco engineer is developing a custom application that can run natively in Cisco NX-OS on Nexus 9000 and Nexus 3000 platforms For the NX-SDK application to run the engineer enables the NX-SDK feature on the device Then the NX-SDK is imported into the application via an import nx_sdk_py statement. The engineer creates custom CLI commands and defines custom CLI command syntax within the sdkThread function When CLI commands originate from an NX-SDK application what class is this?

Options:

A- clicm.printConsole

B- postCliCb

C- pyCmdhandler

D- nx_sdk_pyValid-to_int

Answer:

D

Question 4

An engineer must provide Layer 2 adjacency between data centers that are in two locations and separated by a routed network The adjacency must be based on Cisco Nexus 7000 Series Switches The solution must offload learning of host reachability information to the control plane to avoid excessive flood and learn congestion Also the data center in one of the sites experiences a large volume of unknown unicast traffic that the solution must mitigate Which data center interconnect technology meets these requirements?

Options:

A- VXLAN

B- OTV

C- VPLS

D- LISP

Answer:

A

Question 5

Question Type: **MultipleChoice**

A customer attaches an additional storage appliance to an existing Cisco UCS domain, which contains 50 virtualization hosts that require fabric failover connectivity on fabric interconnect B. The interfaces are bound to a separate pin group to segregate traffic with a CoS value of 0 Which Cisco UCS Manager feature meets these requirements?

Options:

A- vNIC Template

B- storage policy

C- SAN connectivity policy

D- vHBA Templates

Answer:

D

Question 6

Question Type: MultipleChoice

Refer to the exhibit.

```
class-map class_af11
 match dscp af11
 exit
policy-map type qos policy_af11
 class class_af11
 set dscp 14
 police cir 10 ms bc 1 mbs conform transmit violate drops
```

An engineer is configuring a QoS policy with these requirements

Match-all AF11 traffic and set it to a DSCP value of 14.

The committed rate must be 10 Mbps with a committed burst rate of 1000 ms

Drop any AF11 traffic that violates these settings.

Any traffic other than af11 must have a DSCP value of 0

The given class-map configuration already exists. Which solution must the engineer use to meet the requirements?

A)

```
policy-map type qos policy_af11
 class class-other
  match dscp 0
```

B)

```
policy-map type qos policy_af11
 class class-af11
  match other set dscp 0
```

C)

```
policy-map type qos policy_af11
 class class-default
  set dscp 0
```

D)

```
policy-map type qos policy_af11
 class class_af11
  set dscp 0
```

Options:

A- Option A

B- Option B

C- Option C

D- Option D

Answer:

C

Question 7

Question Type: **MultipleChoice**

Refer to the exhibit In this scenario a Cisco engineer is building a loop-free topology where a dedicated layer of the vPC domain adjacent to the aggregation layer which also runs vPC Is used to interconnect the two data centers together. The engineer globally configures a vPC domain identifier on both vPC devices where the domain ID is the same on both peer devices. Which action successfully forms the domain?

Options:

A- Configure vPC-peer-keepalive link on both peer devices

B- Put peer device interfaces into a suspended state.

C- Enable and reuse an ISL Layer 3 trunk port channel

D- Synchronize the MAC addresses for the member ports

Answer:

A