Cisco

Exam Questions 300-170
DCVAI Implementing Cisco Data Center Virtualization and Automation (DCVAI)
NEW QUESTION 1
You need to create and configure a VRF for IP forwarding on a Cisco Nexus Series Switch running in NX-OS. Drag and drop the configuration steps from the left into the correct order on the right. Not all options are used.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 2
Refer to the exhibit:

You define the port profiles as shown in the exhibit, and then you assign the P10GIG port profile to interface e1. Which option is the result of this configuration?

A. The speed of the interface is 10 Gbps
B. The speed of the interface is 1 Gbps
C. The interface uses the maximum speed available for the physical interface.
D. The speed of the interface is 100 Gbps

Answer: A

NEW QUESTION 3
You are deploying L4-L7 services within Cisco Application Centric Infrastructure. You need to modify an existing service graph. Where do you configure this?

A. under the provider EPG
B. on a connector within a service graph
C. on a function profile within a service graph
D. on a terminal node within a service graph

Answer: A

Explanation:

NEW QUESTION 4
Which configuration is needed to extend the EPG out of the Cisco ACI fabric?

A. Create external bridged networks
B. Statically assign a port to EPGC Apply a policy between the internal and the external EPG
C. Extend the tenant subnet of the bridge domain out of the fabric

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NEW QUESTION 5
The behavior of which packet type can be controlled by selecting unicast mode or flood mode in a bridge domain?

A. ARP  
B. unknown unicast  
C. LLDP  
D. CDP  

Answer: B

NEW QUESTION 6
Which two components are essential parts of a Cisco ACI VMM domain policy? (Choose two.)

A. VLAN pool association  
B. vSphere data center association  
C. attachable entity profile association  
D. IP address pool association  
E. Layer 3 outside interface association  

Answer: AC

NEW QUESTION 7
You have a Cisco Nexus 1000V Series Switch. When must you use the system VLAN?

A. to use VMware vMotion  
B. to perform an ESXi iSCSI boot  
C. to perform a VM iSCSI boot  
D. to perform an ESXi NFS boot  

Answer: A

NEW QUESTION 8
Which Cisco APIC health score will be affected if an EPG does not have a Bridge Domain associated with it?

A. spine health  
B. leaf health  
C. tenant health  
D. pod health  

Answer: C

NEW QUESTION 9
A host connected to a leaf switch sends an ARP request. By default, what does the ingress switch do with the ARP requests?

A. Suppress the ARP  
B. Send the ARP by using unicast  
C. Send the ARP by using a broadcast  
D. Send the ARP by using multicast  

Answer: C

NEW QUESTION 10
Which two methods does a Cisco APIC support to connect to the management IP address of a service appliance? (Choose two.)

A. out-of-band connectivity to devices in device clusters by using the management VLAN  
B. in-band connectivity to devices in device clusters by using the VRF of the tenant  
C. out-of-band connectivity to devices in device clusters by using the VRF of the tenant  
D. in-band connectivity to devices in device clusters by using the management VRF of the tenant  

Answer: AB

NEW QUESTION 11
You deploy AVS for Virtual Manager integration and you add a host that has five VMNICs. You must use VXLAN to maximize the load balancing of the traffic inside the fabric. How many VMNICs must you add?

A. 2  
B. 3  
C. 4  

Answer: C
NEW QUESTION 12
You have a Cisco Nexus Series Switch. Which two descriptions of how incoming packets are handled by the VRF instance are true? (Choose two)

A. The route policy defines which VRF that Cisco NX-OS uses for incoming packets
B. By default, Cisco NX-OS uses the VRF of the outgoing interface
C. The policy in the management VRF defines which VRF that Cisco NX-OS uses for incoming packets
D. Cisco NX-OS uses the VRF of the incoming interface
E. The policy in the default VRF defines which VRF that Cisco NX-OS uses for incoming packets

Answer: BD

NEW QUESTION 13
Which statement describes how to deploy an access policy?

A. The access policy must be created on the leaf and then pushed to the spine.
B. The access policy must be created on the Cisco APIC and then pushed to a leaf.
C. The access policy must be created on the management VRF.
D. By default, Cisco NX-OS uses the management VRF for all policies.

Answer: B

NEW QUESTION 14
Which solution enables Cisco devices to be monitored with automated support capabilities?

A. Cisco Intelligent Monitoring Agent
B. Cisco Intersight
C. Connected Service Assurance
D. Two-Tier Smart Agent

Answer: B

NEW QUESTION 15
What is the retention period for remotely attached endpoint?

A. 3 minutes
B. 15 minutes
C. 5 minutes
D. 10 minutes

Answer: A

Explanation:

NEW QUESTION 16
Refer to the exhibit.

Which two actions do you perform on the remote switch before you run the commands? (Choose two)

A. Configure a minimum of eight links in the port channel
B. Configure the remote switch to use NPIV mode
C. Set the port channel mode to on
D. Configure the remote switch for NPV.
E. Enable the fport-channel-trunk feature

Answer: AD

NEW QUESTION 17
Drag and drop the Cisco ACI Layer 4 to Layer 7 service insertion on the left to the correct descriptions on the right.

A. Mastered
B. Not Mastered

Answer: A
NEW QUESTION 18
When you provision a VDC, which command is used in VDC configuration mode?

A. vrf context <vrf name>
B. boot-order <number>
C. vdc resource template <vdc template name>
D. vdc combined-hostname

Answer: B

NEW QUESTION 19
What occurs when the Cisco ACI fabric receives multi destination traffic?

A. The traffic is forwarded as broadcast traffic
B. The traffic is forwarded as multicast traffic
C. The traffic is suppressed
D. The traffic is forwarded as unicast traffic

Answer: B

NEW QUESTION 20
Which protocol is used to communicate endpoint mapping information to the spine proxy?

A. COOP
B. LLDP
C. OpFlex
D. IS-IS

Answer: A

NEW QUESTION 21
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