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QUESTIONS AND ANSWERS

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Exam Code: 300-630

Certification Provider: Cisco

Exam: Implementing Cisco Application Centric Infrastructure - Advanced

Q1.

Refer to the exhibit.

q1_300-630

How is the ARP request from VM1 forwarded when VM2 is not learned in the Cisco ACI fabric?

ALeaf 101 forwards the ARP request to one of the proxy VTEP spines.

BPOD1 spine responds to the ARP request after the POD1 COOP is updated with the VM2 location.

CLeaf 101 encapsulates the ARP request into a multicast packet that is destined to 225.0.37.192.

DLeaf 101 switch consumes the ARP reply of VM2 to update the local endpoint table.

Answer: A

Q2.

Which approach does Cisco ACI use to achieve multidestination packet forwarding between leaf switches in the same fabric?

A Map VXLAN VTEP to the multicast group

B Map VXLAN to PIM-SM protocol

C Map VXLAN VNI to the multicast group

D Map VXLAN to PIM-DM protocol

Answer: C

Q3.

What does the VXLAN source port add to the overlay packet forwarding when it uses the hash of Layer 2, Layer 3, and Layer 4 headers of the inner packet?

A ECMP

B TCP optimization

Cdisabled fragmentation

Djumbo frames

Answer: A

Q4.

Which two actions are the Cisco best practices to configure NIC teaming load balancing for Cisco UCS B- Series blades that are connected to the Cisco ACI leaf switches? (Choose two.)

ACreate vPC+

BEnable LACP active mode

CCreate PAgP

DCreate vPC

EEnable MAC pinning

Answer: B, E

Q5.

An organization migrates its virtualized servers from a legacy environment to Cisco ACI. VM1 is incorrectly attached to PortGroup IT|3TierApp|Web. Which action limits IP address learning in BD1?

AEnable Enforce Subnet Check

BEnable Rouge Endpoint Control

CEnable GARP-based EP Move Detection Mode

DDisable Remote EP Learn

Answer: C

Q1.

Which action must be taken to connect two nonsilent servers in active/standby mode to two ACI leaves?

AImplement a virtual PortChannel on ACI leaves

BEnable ARP flooding for the bridge domain if the MAC address of the active interface changes after NIC failover

CConfigure ARP flooding for the bridge domain if the MAC address of the active interface stays identical

after a NIC failover

DDisable dataplane learning to avoid endpoint flapping

Answer: C

Q2.

How does Cisco ACI manage the STP BPDUs between two pods?

ACisco ACI spines perform ingress replication for STP BPDUs

BCisco ACI spines suppress STP BPDUs to be forwarded to other pods

CBPDUs are forwarded over IPN using the bridge domain GIPO multicast address

DSpecial multicast group 239.255.255.255 is used to forward STP BPDUs

Answer: C

Q3.

What are two characteristics of network-centric design in Cisco ACI? (Choose two.)

AThere is open communication between EPGs

BEPGs are used for microsegmentation

CEPGs are different security zones

DApplications define the network requirements

EABridge domain has one subnet and one EPG

Answer: B, E

Q4.

What is a design implication for Cisco ACI using an application-centric approach?

AMultiple VLANs and/or multiple EPGs are under one bridge domain

BVLAN numbers are in the names of the bridge domain and EPG objects

COne EPG is mapped to multiple bridge domains

DOne VLAN equals one EPG equals one bridge domain

Answer: C