Cisco

300-615
Troubleshooting Cisco Data Center Infrastructure (300-615 DCIT)

Questions & Answers PDF

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Question: 1

A vPC Type-1 inconsistency between two vPC peers in a VXLAN EVPN setup is discovered. Which two actions need to be attempted to resolve the issue? (Choose two.)

A. Configure the NVE interfaces to be Up on both switches.
B. Set a different distributed gateway virtual MAC address.
C. Set a different secondary IP addresses on NVE source-interface.
D. Configure the same VNI to multicast group maping.
E. Set a different primary IP addresses on NVE source-interface.

Answer: AD

Question: 2

A mission-critical server is connected to site
A. Connectivity to this server is lost from site B because the MAC route is missing in the OTV VDC of the Nexus 7000 in site B due to MAC aging. Which action allows the flooding of the unknown unicast MAC on the Nexus 7000 in the OTV VDC?
A. Use route-map to advertise this MAC statically and redistribute with ISIS.
B. Unknown unicast flooding is not allowed.
C. Use the otv flood mac <> command to selectively flood traffic for a given MAC.
D. Use the otv isis bfd <> command to configure BFD protocol.

Answer: C

Question: 3

Refer to the exhibit.

```
Switch-B# show vpc
vPC domain id: 34
Peer status : peer adjacency formed ok
vPC keep-alive status : peer is alive
Configuration consistency status : success
Per-vlan consistency status : success
Type-2 consistency status : success
vPC role : primary, operational secondary
Number of vPCs configured : 49
Peer Gateway : Enabled
Peer gateway excluded VLANs: -
Dual-active excluded VLANs : -
Graceful Consistency Check: Enabled
Auto-recovery status: Enabled (timeout = 240 seconds)
```

After a failover occurs, which two actions must be performed on Switch-B to manually preempt the operational primary role back to Switch-A? (Choose two.)

A. Configure the local vPC role priority to have a lower value than Switch-A.
B. Configure the local vPC role priority to have a higher value than Switch-A.
C. Disable and then re-enable the vPC peer-keepalive link.
D. Configure the local vPC role priority to have the same value as Switch-A.
E. Disable and then re-enable the vPC peer link.

Answer: B, E

Question: 4

Refer to the exhibit.

```
Debug messages from Router-A
OSPF: Rcv DBD from 10.100.1.2 on GigabitEthernet0/1 seq 0x2124 opt 0x52 flag 0x2
    len 1452 mtu 2000 state EXSTART
OSPF: Nbr 10.100.1.2 has larger interface MTU
SPF: Send DBD to 10.100.1.2 on GigabitEthernet0/1 seq 0x9E6 opt 0x52 flag 0x7
    len 32
OSPF: Retransmitting DBD to 10.100.1.2 on GigabitEthernet0/1 [10]
OSPF: Send DBD to 10.100.1.2 on GigabitEtherenet0/1 seq 0x9E6 opt 0x52 flag 0x7
    len 32
OSPF Retransmitting DBD to 10.100.1.2 on GigabitEthernet0/1[11]
%OSPF-5-ADJCHG: Process 1, Nbr 10.100.1.2 on GigabitEthernet0/1 from EXSTART to
    DOWN, Neighbor Down: Too many retransmissions

Debug messages from Router-B
OSPF: Rev DBD from 10.100.100.1 on GigabitEthernet0/1 seq 0x89E opt 0x52 flag 0x7
    len 32 mtu 1600 state EXCHANGE
OSPF: Nbr 10.100.100.1 has smaller inerface MTU
```

An OSPF adjacency between Router-A and Router-B cannot reach the FULL state. Which action resolves the issue?

A. Adjust the MTU on Router-A to 1600.
B. Disable the check of the MTU value.
C. Set the OSPF media type to point-to-point.
D. Adjust the MTU on Router-B to 1604.

Answer: B

Question: 5

The Cisco Nexus switch is connected to a peer switch that is not running Cisco NX-OS. The switches are connected using port channel and are experiencing packet loss. Which action should be performed on the Cisco Nexus switch ports to resolve this issue?

A. Turn on lacp suspend-individual.
B. Turn on lacp graceful-convergence.
C. Turn off lacp graceful-convergence.
D. Turn off lacp suspend-individual.

Answer: C

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