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QUESTIONS AND ANSWERS

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Exam Code: 300-615

Certification Provider: Cisco

Exam: Troubleshooting Cisco Data Center Infrastructure (DCIT)

Q1.

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 mapping.
- E. Set a different primary IP addresses on NVE source-interface.

Correct Answer

Answer: A, D

Q2.

A mission-critical server is connected to site

AConnectivity 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.

Correct Answer

Answer: C

Q3.

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.

Correct Answer

Answer: B, E

Q4.

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 GigabitEthernet0/1 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 interface 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.

Correct Answer

Answer: B