Free Cisco 300-615 DCIT Practice Questions

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Question 1

Question Type: MultipleChoice

An engineer is troubleshooting a packet flow from an access leaf to spine. Which EVPN routes are expected on this connection?

Options:

A- EVPN Type 1-5
B- EVPN Type 0,9,15
C- EVPN Type 9-15
D- EVPN Type 0,16

Answer:

A

Question 2

Question Type: MultipleChoice

Refer to the exhibit.

```
ACME-5K-A(config-vsan-db) # sh int fc2/16

fc2/16 is down (Inactive)
     Port description is UplinkTo_MDS-A_1/6
     Hardware is Fibre Channel, SFP is short wave laser
w/o OFC (SN)
     Port WWN is 20:50:00:2a:6a:98:bc:80
     Admin port mode is E, trunk mode is auto
     snmp link state traps are enabled
     Port vsan is 1
     Receive data field Size is 2112
     Beacon is turned off
```

The connection between a Cisco Nexus 5548UP switch and a Cisco MDS switch fails to initialize. What is the cause of the issue?

Options:

A- VSAN 1 is suspended.
B- The SFP is unsupported.
C- Trunk mode must be activated.
D- The interface is in an incorrect mode.

Answer:

A

Question 3

Question Type: MultipleChoice

A system administrator adds two vNICs to an existing service profile that is used to run a vSphere environment to support disjoint Layer 2 network connectivity. However, after the server is rebooted, the host is not accessible on the network Which action resolves the issue?

Options:

A- Remove all existing vNICs and add them in the desired order.
B- Build a new service profile with the desired network configuration
C- Add the disjoint Layer 2 VLANs to an existing vNIC rather than adding new vNICs
D- Create a vNIC placement policy to avoid adapter renumbering

Answer:

D

Question 4

Question Type: MultipleChoice

An engineer is recovering a fabric interconnect from a failed upgrade. The engineer booted the fabric interconnect to the switch(boot)# prompt and copied all the required images. Which image must be linked to nuova-sim-mgmt-nsg.O. 1.0.XXXXXXXXX1 bin to make the management image compliant with the Cisco UCS Manager?

Options:

A- Kickstart
B- System

C- UCS Manager
D- Cisco IMC

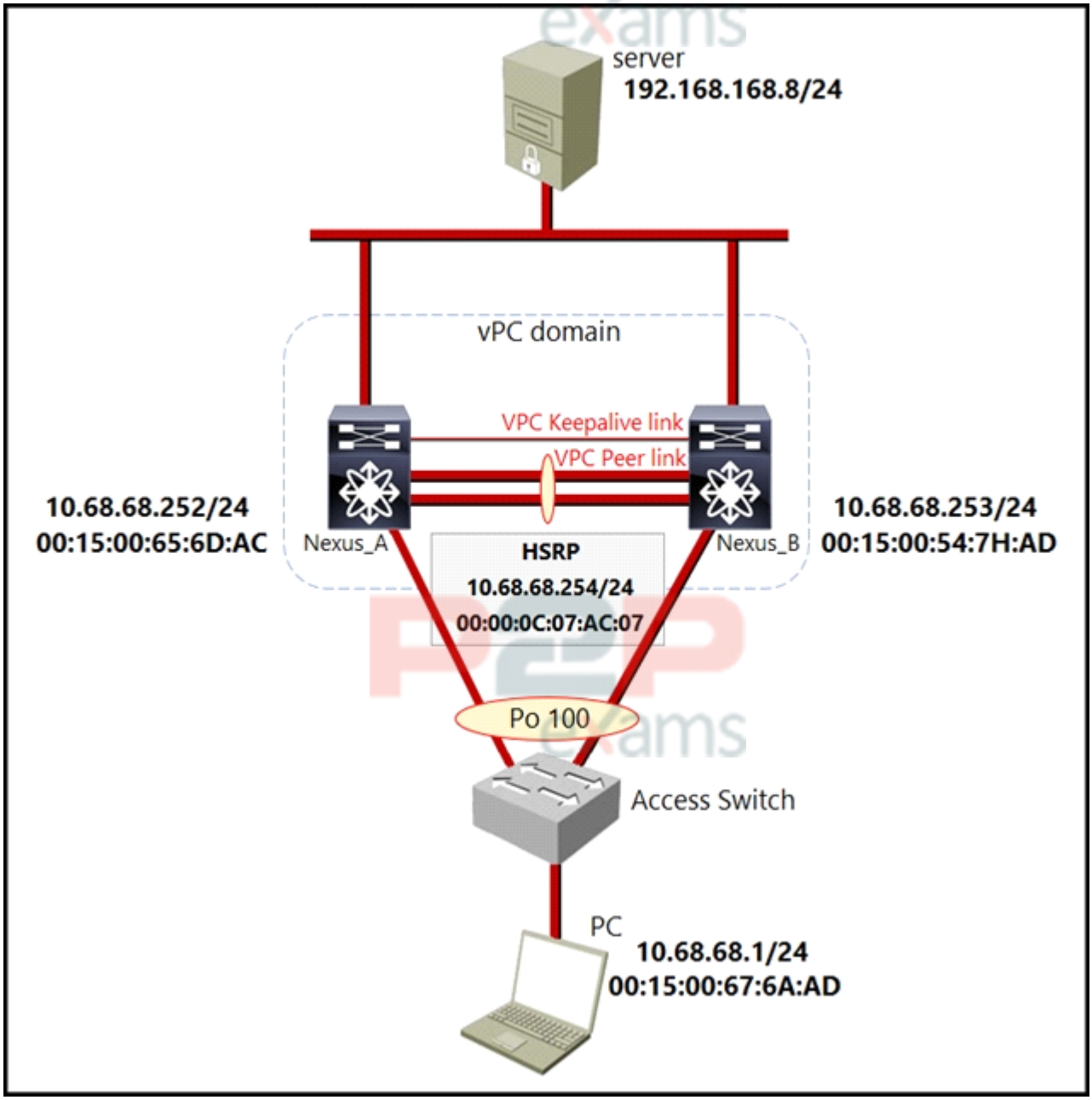
Answer:

C

Question 5

Question Type: MultipleChoice

Refer to the exhibit.



A PC belongs to VLAN 68 The user experiences a large amount of packet loss when

communicating with hosts that are outside of VLAN 68. Which action resolves the problem?

Options:

A- Replace HSRP with GLBP
B- Enable the peer-gateway feature
C- Remove the HSRP configuration
D- Configure ip arp synchronization on both switches.

Answer:

B

Explanation:

I assume that the PC is sending traffic with destination MAC of Nexus physical interfaces. If more snap shots about this question are available, please share.

Question 6

Question Type: MultipleChoice

One of Cisco Nexus Series interfaces has become errdisabled with the error message ''DCX-No ACK in 100 PDUs''. What is the cause of this error?

Options:

A- The host has not responded to the Control Sub-TLV DCBX exchanges of the switch.
B- The acknowledgement number in the server response has not incremented for 100 exchanges.
C- Cisco Discovery Protocol is disabled on the switch.
D- LLDP is disabled on the switch.

Answer:

A

Question 7

Question Type: MultipleChoice

An engineer enables the packet postcards feature on a Cisco Nexus 9000 Series Switch but receives the error message "Error: Cannot configure postcard when inband-telemetry is configured."

Which action resolves the issue?

Options:

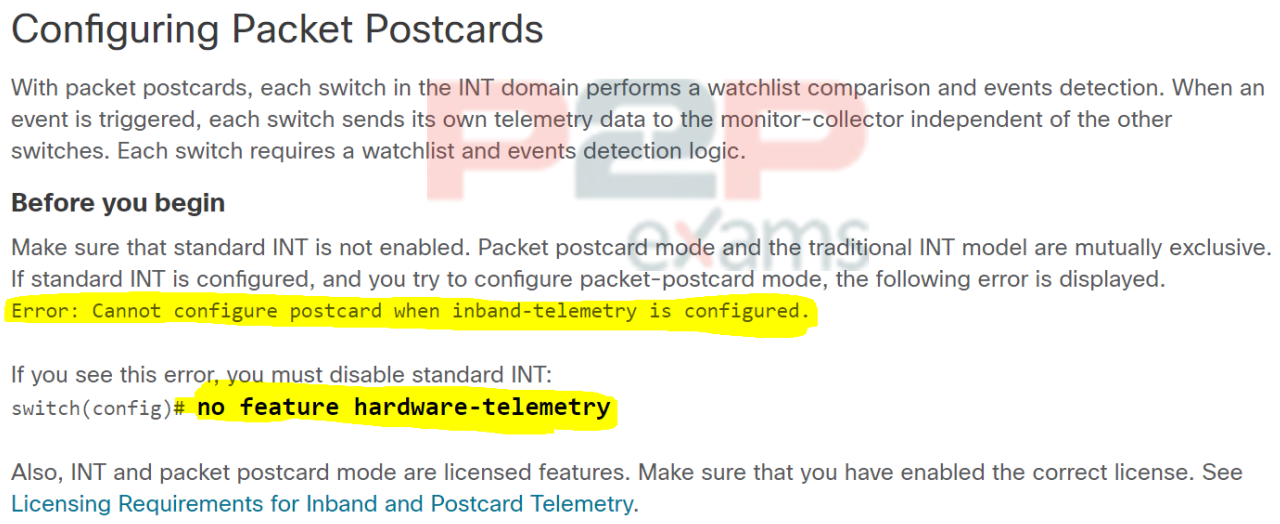
A- Disable the telemetry feature
B- Disable the software-telemetry feature
C- Disable the hardware-telemetry feature
D- Disable the inband-telemetry feature

Answer:

C

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus9000/sw/93x/progammability/guide/b-cisco-nexus-9000-series-nx-os-programmability-guide-93x/b-cisco-nexus-9000-series-nx-os-programmability-guide-93x_chapter_0101011.html



Configuring Packet Postcards

With packet postcards, each switch in the INT domain performs a watchlist comparison and events detection. When an event is triggered, each switch sends its own telemetry data to the monitor-collector independent of the other switches. Each switch requires a watchlist and events detection logic.

Before you begin

Make sure that standard INT is not enabled. Packet postcard mode and the traditional INT model are mutually exclusive. If standard INT is configured, and you try to configure packet-postcard mode, the following error is displayed.

```
Error: Cannot configure postcard when inband-telemetry is configured.
```

If you see this error, you must disable standard INT:

```
switch(config)# no feature hardware-telemetry
```

Also, INT and packet postcard mode are licensed features. Make sure that you have enabled the correct license. See Licensing Requirements for Inband and Postcard Telemetry.

Question 8

Question Type: MultipleChoice

Refer to the exhibit.

```
Nexus7K-1# show configuration interface
vlan50
interface Vlan50
     no shutdown
     ip address 10.35.164.2/25
     hsrp version 2
     hsrp 50
        preempt
        priority 150
        ip 10.35.164.1


Nexus7K-2# show configuration interface
vlan50
interface Vlan50
     no shutdown
     ip address 10.35.164.3/25
     hsrp 50
        preempt
        priority 50
        ip 10.35.164.1
```

HSRP adjacency fails to form between Nexus7K-1 and Nexus7K-2. Which action should be taken to solve the problem?

Options:

A- Configure preempt on one of the switches in the HSRP group.
B- Configure the same HSRP priority between the two switches.
C- Configure the correct subnet mask on Nexus7K-1.
D- Configure HSRP version 2 on Nexus7K-2.

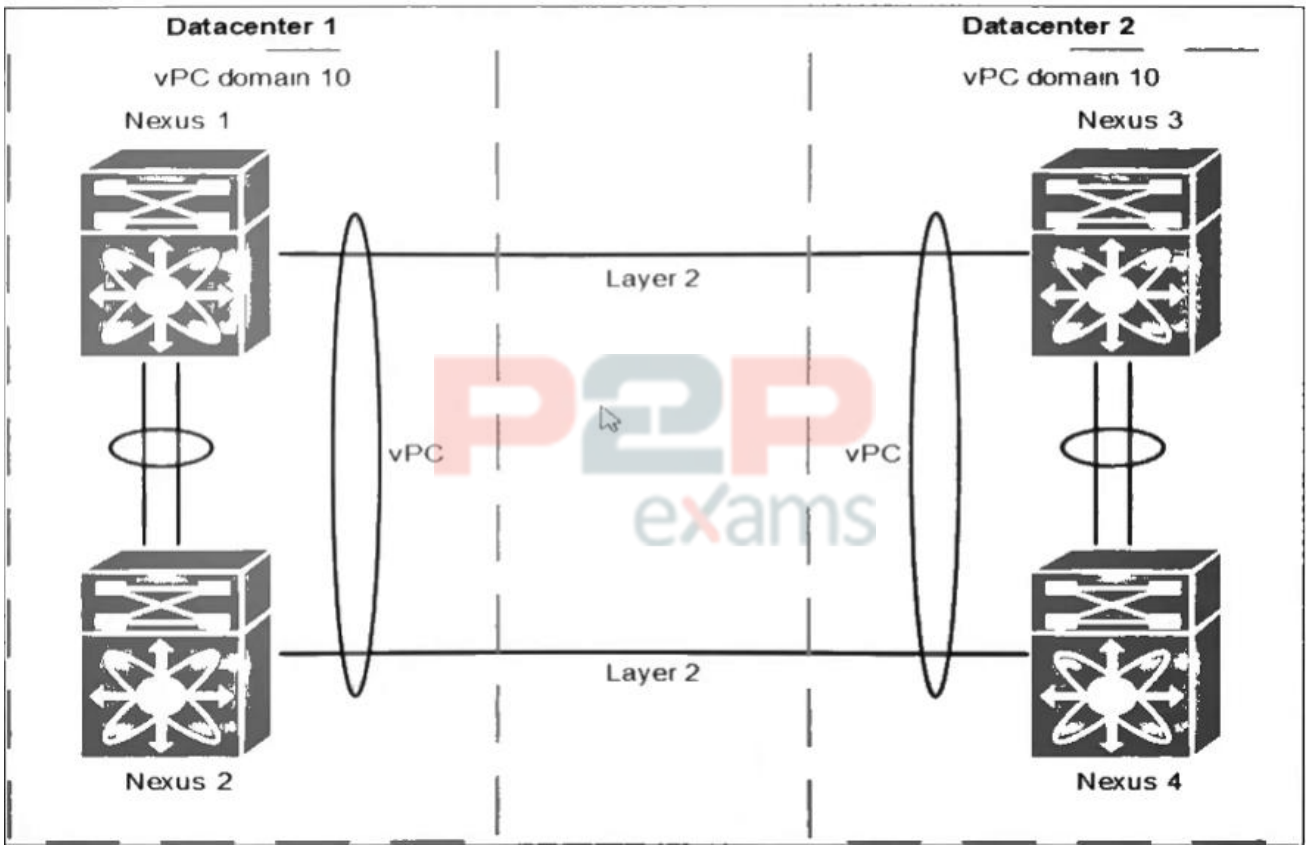
Answer:

D

Question 9

Question Type: MultipleChoice

Refer to the exhibit.



Refer to the exhibit. The administrator set up two pairs of Cisco Nexus switches. The administrator set dfferent vPC priorities on all four Nexus switches. As soon as the administrator activates the vPC between the two pairs the network faces

different issues. The problems range from both Nexus pairs declare themselves as root bridge, as well as spanning-tree inconsistencies and traffic forwarding issues. Which action resolves these issues?

Options:

A- Change the role priority on one pair.
B- Configure peer-config-check-bypass on both pairs.
C- Configure a vPC peer link between both peers.
D- Change domain ID on one pair to a diferent ID.

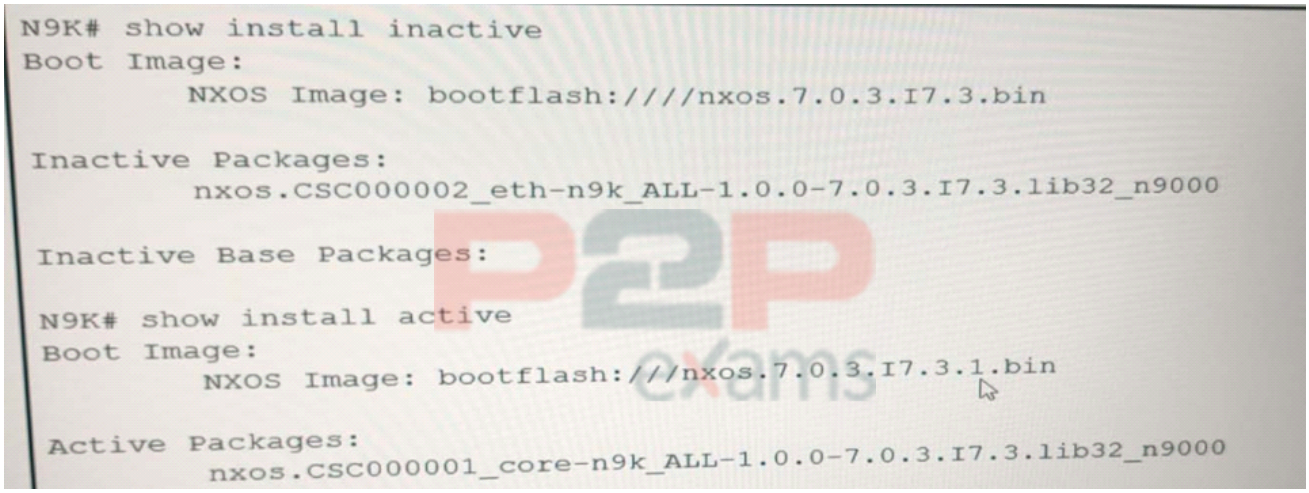
Answer:

D

Question 10

Question Type: MultipleChoice

Refer to the exhibit.



After an unexpected reload of the Cisco Nexus 9000 Series Switch, the network administrator noticed that one of the Software Maintenance Upgrades (SMU) images is inactive. The engineer must ensure that the package remains active after the switch is reloaded in the future. Which action accomplishes this goal?

Options:

A- Commit the package using the install commit command.
B- Save the running configuration after activating the package.
C- Deactivate and uninstall the active core package.
D- Copy the SMU package file on the bootflash.

Answer:

A

Question 11

Question Type: MultipleChoice

A network engineer must connect a Cisco UCS Fabric Interconnect cluster to the Cisco ACI. VMware ESXi hypervisors have been installed on Cisco UCS blades and a VMware VMM domain has been configured. However, virtual machines fail to reach their default gateway in the Cisco ACI Fabric. The engineer investigates the issue and notices that the VMware Distributed Switch (VDS) teaming policy is set to "Route based on IP hash". Which action resolves the issue?

Options:

A- Configure the vSwitch Policy on the VMM domain.
B- Disable the On-demand EPG resolution immediacy setting in ACI.
C- Disable the VMware Network I/O Control on the VDS.
D- Configure the vSwitch Policy on a VDS.

Answer:

A

Question 12

Question Type: MultipleChoice

Refer to the exhibit.

```
N5K-1# show running-config aaa all
!
version 7.0(2)N2(1)
logging level aaa 5
aaa authentication login default group radius
aaa authentication login console group radius
aaa authorization ssh-publickey default local
aaa authorization ssh-certificate default local
aaa accounting default local
aaa user default-role
aaa authentication login default fallback error local
aaa authentication login console fallback error local
aaa authentication login error-enable
no aaa authentication login mschap enable
no aaa authentication login mscapv2 enable
no aaa authentication login chap enable
```

Refer to the exhibit. A functioning trunk port Ethernet1/48 exists between two identical Cisco Nexus 5000 Series Switches. The interfaces on the switches support the MACsec feature and are configured identically. To enable manual MACsec, an engineer adds the configuration shown in the exhibit to both sides of the trunk. The trunk port stops functioning. Which action should be taken to resolve the issue?

Options:

A- Disable and then enable the port

B- Enable the license for the trunk ports to support MACsec
C- Lower the MTU value to less than 9216 bytes
D- Configure the PMK with a length of 2048 bytes

Answer:

B

P2P exams