

DUMPS ARENA

Troubleshooting Cisco Data Center Infrastructure

Cisco 300-180

Version Demo

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QUESTION NO: 1

Which action do you take to determine why the interface e1/10 is not present in the core VDC for configuration?

- A. Check to see if vPC is enabled.
- B. Check to see if the cable is connected to the e1/10 interface.
- C. Check the core VDC to see if the port e1/10 is allocated.
- D. Check the admin VDC to see if the port e1/10 is allocated.

ANSWER: C

QUESTION NO: 2

Which identification for EPGs can you use to check zone rules?

- A. VXLAN
- B. EPG name
- C. PcTag
- D. VLAN

ANSWER: B C

QUESTION NO: 3

View the Exhibit.

```
adapter 1/3/1 (fls):2# lunlist
vnic: 15 lifid: 4
- FLOGI State: flogi est (fc_id 0x8e0002)
- PLOGI Sessions
- WWNN 50:0a:09:80:00:01:dc:fb WWPN 50:0a:09:80:00:01:dc:fb
  fc_id 0x8e0020
- LUN's configured (SCSI Type, Version, Vendor, Serial No.)
  LUN ID: 0x0000000000000000 access failure
- REPORT LUNs Query Response
  LUN ID: 0x0000000000000000
- Nameserver Query Response
- WWPN: 50:0a:09:80:00:01:dc:fb
```

Refer to the exhibit. What does this adapter output indicate?

- A. The port types between the target and initiator are incorrectly configured.
- B. The target of the configured zone does not match the target of the configured boot order.
- C. The configured initiator LUN ID does not match the configured target LUN ID.
- D. The target device configuration is not allowing the initiator to access the LUN.

ANSWER: D

QUESTION NO: 4

A customer is configuring an upstream disjoint Layer 2 network in a Cisco UCS domain. So far they have configured the following:

- Fabric Interconnects are in switching mode.
- There is symmetrical configuration for high availability.
- There are no overlapping VLANs.
- Each vNIC is communicating with one disjoint Layer 2 network.

After validating the above, the customer is still having issues with network connectivity.

What is the issue?

- A. The fabric interconnect must be in end-host mode for a disjoint Layer 2 network.
- B. The vNIC configuration is incorrect and must communicate with two or more disjoint layer 2 networks.
- C. Overlapping VLANs are allowed in a disjoint Layer 2 network.
- D. Asymmetrical configuration for high availability needs to be configured.

ANSWER: A

QUESTION NO: 5

Refer to the exhibit. Which two connectivity options for interfaces Ethernet 7/24-32 are valid? (Choose two.)

```
CORE-7700-2(config-vdc)# vdc FC-CORE-SW2 type storage
CORE-7700-2(config-vdc)# allocate interface ethernet 7/24-32
```

- A. Fibre Channel interfaces that connect to a storage array
- B. Fibre Channel interfaces that are shared among other VDCs
- C. FCoE interfaces that connect to a storage array
- D. FCoE interfaces that connect to a server
- E. FCoE interfaces that are shared among other VDCs

ANSWER: C D

QUESTION NO: 6

Which two commands will help an administrator identify any issues with an In-Service Software Upgrade? (Choose two.)

- A. show incompatibility system
- B. show cts interface
- C. show install impact all

D. show install issu-failure

E. show license file

ANSWER: A C

QUESTION NO: 7

Which two commands or tools must you use to recover from a zone merge failure in VSAN 10? (Choose two.)

A. switch# zoneset import interface fc 1/3 vsan 10

B. Fabric Manager > Zone > Merge Analysis

C. switch(config)# import zoneset interface fc 1/3 vsan 10

D. Fabric Manager > Zone > Merge Fail Recovery

E. switch# import zoneset interface fc 1/3 vsan 10

F. switch(config)# zoneset import interface fc 1/3 vsan 10

ANSWER: A B

QUESTION NO: 8

Which two statements are true regarding vPC? (Choose two.)

A. With vPC, there are no blocked ports.

B. There is VLAN-based load balancing.

C. There is higher oversubscription.

D. A peer link is required.

E. STP is disabled.

ANSWER: A D

QUESTION NO: 9

Which statement about SAN port channels is true?

A. The port VSAN on both ends must be set to 1 always

B. The port VSAN on both ends must match

C. The port VSAN on both ends must be different

D. The port VSAN on both ends must be on the allowed VSAN list

ANSWER: B

QUESTION NO: 10

Refer to the exhibit.

```
VSM-Host3(config)# port-profile type ethernet N1K-Uplink-Host3
VSM-Host3(config-port-prof)# channel-group auto mode active
```

You customer reports that the virtual machines operating on Host3 are not communicating with the external network While troubleshooting you determine these facts:

- Host3 is a Cisco UCS blade chassis server connected to two fabric interconnect switches.
- The fabric interconnect switches are connected to the campus Cisco 6800 Series core switch.
- N1Kv is the virtual switch configured on the VMware hypervisor installed on Host3.
- Port profile N1K-Uplink-Host3 is connecting Host3 virtual networks to the external network.

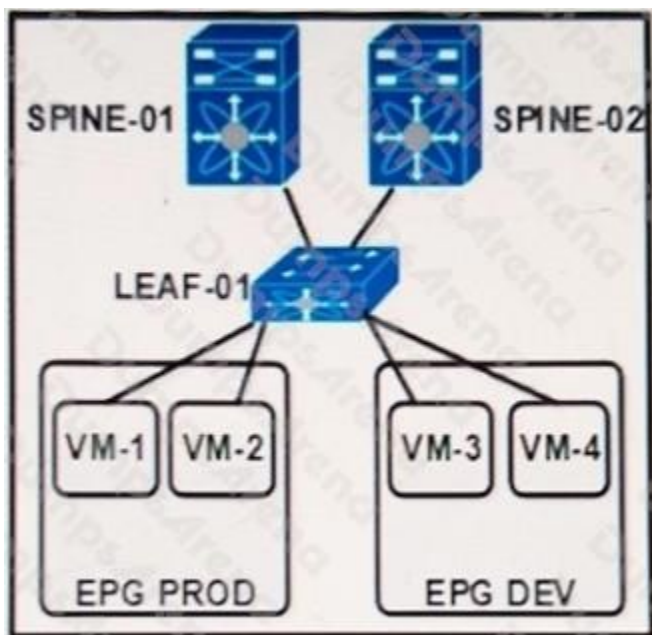
Which reason is the cause of this problem?

- A. Port profile N1K-Uplink-Host3 type must be changed to vethernet.
- B. Port aggregation mode under the N1K-Uplink-Host3 port profile must be changed to passive.
- C. Port aggregation mode under the N1K-Uplink-Host3 port profile must be changed to MAC pinning.
- D. Port aggregation mode under the N1K-Uplink-Host3 port profile must be removed.

ANSWER: B

QUESTION NO: 11

Refer to the exhibit.



VM-1 and VM-3 are in different EPGs but in the same BD. Which statement about the communication between VM-1 and VM-3 is true?

- A. The flow uses encapsulated VLANs.
- B. The flow must transverse the spine.

- C. The packet must transverse a Layer 3 interface.
- D. The flow stays local to the leaf switch.

ANSWER: B

QUESTION NO: 12

Refer to the exhibit.

```
2017 Jan 15 04:26:17 N1K %VEM_MGR-SLOT3-1-VEM_SYSLOG_ALERT:
vssnet :

sf_platform-set_mtu: Failed setting MTU for VMW port with
portID 32544675.
```

You configure an MTU on an Ethernet port profile. Where is the MTU value unsupported?

- A. pNIC on the VEM
- B. vNIC of the VEM
- C. VMware vCenter
- D. Cisco Nexus 1000V Series 1000V Switch

ANSWER: B

QUESTION NO: 13

A Cisco ACI leaf connected to an external bridged network fails to receive traffic for the correct VLANs.

Which two actions do you take to resolve the issue? (Choose two.)

- A. Ensure that the EPG is bound to a port correctly.
- B. Confirm that all the Cisco APICs are online an in quorum.
- C. Ensure that the correct context is assigned to the BD.
- D. Check the port channel to the leaf switch.
- E. Ensure that the correct contract is assigned.

ANSWER: A D