Vendor: Cisco

Exam Code: 300-180

Exam Name: Troubleshooting Cisco Data Center Infrastructure (DCIT)

Version: DEMO

QUESTION 1
Refer to the exhibit. An administrator sees this message in the log while merging switch fabrics. What is the issue?

```
%ZONE-2-ZS_MERGE_FAILED: %$VSAN 1%$ Zone merge failure, isolating
interface fc2/1 error: Received rjt from adjacent switch:[reason:0]

%ZONE-2-ZS_MERGE_FAILED: %$VSAN 1%$ Zone merge failure, isolating
interface fc1/2 error: Member mismatch
```

A. Two switches have different zone names with the same members.
B. Two switches have different zone set names with the same members.
C. Two switches have the same zone set and zone name, but with different members.
D. Two switches have the same zone set and zone name with the same members.

Answer: C

QUESTION 2
Which configuration is needed to suppress duplicate IP addresses when HSRP localization is enabled?

A. Configure matching passwords in each data center.
B. Configure no ip arp gratuitous hsrp duplicate under the VLAN.
C. Remove the passwords in each data center.
D. Configure mismatching HSRP versions between data centers.
E. Change one data center to run VRRP rather than HSRP.

Answer: B

QUESTION 3
Which two statements about configuring NPV are true? (Choose two.)

A. Only F, E, and SD ports are supported in NPV mode.
B. Only targets can be connected to an NPV device.
C. Distribute the NPV core switch links to different port groups for improved scalability.
D. If DPVM is configured on the NPV core switch for an end device that is connected to the NPV device, then that end device must be configured to be in the same VSAN.
E. NPV does not support NPIV-capable module servers (nested NPIV).

Answer: CD

QUESTION 4
Which three statements are true regarding trunking on an ISL between two switches in order for the VSAN to be trunked? (Choose three.)

A. The VSAN must be defined on both switches.
B. The VSAN must be on the VSAN allowed list.
C. All VSANs that are being trunked must be using either enhanced or non-enhanced mode zoning,

but not both.
D.   IVR must be configured for Cisco Fabric Services.
E.   The device alias database must successfully merge.
F.   There cannot be any duplicate domain IDs within an individual VSAN.

Answer: ABF

QUESTION 5
Which command displays the traffic statistics for a port channel interface?

A.   show interface port-channel channel-number
B.   show port-channel traffic
C.   show port-channel usage
D.   show port-channel compatibility-parameters

Answer: B

QUESTION 6
Which statement is true regarding how OTV edge devices will react based on the configuration of
the VLANs being extended across the overlay network?

A.   Any VLANs not extended will not be populated in the local OTV route table.
B.   Only the same-site edge AED device controls which VLANs are to be extended.
C.   Any extended VLANs will not be populated in the remote OTV route table.
D.   By default, all VLANs on an edge device will be extended.

Answer: A

QUESTION 7
Which command is used to check for potential vPC configuration consistency problems?

A.   show vpc brief interface
B.   show vpc global config
C.   show vpc consistency-parameters global
D.   show vpc config

Answer:

QUESTION 8
You are attempting to configure boot from SAN on your server that is attached to a Cisco MDS
9148 Fibre Channel switch. What is a possible issue that may occur?

A.   Check the status of the licenses on the Fibre Channel switch.
B.   NPV is not configured on the Fibre Channel switch.
C.   NPIV is not configured on the Fibre Channel switch.
D.   Boot from SAN is not supported via the Fibre Channel protocol.

Answer: C

QUESTION 9
Refer to the exhibit. A customer is having difficulty getting NPV working.
What is the cause of the problem?

```
switch# show npv status

npiv is enabled

External Interfaces:
=====================
  Interface: ext17, FCID: 0x000000, State: Failed(neighbor on the upstream
  port is not fabric)

  Number of External Interfaces: 3
```

A. The core NPV device is not enabled.
B. The core NPV device is not a switch.
C. The core NPV device is not configured on both ends.
D. The core NPV device is not configured on the upstream port.

Answer: B

QUESTION 10
Refer to the exhibit. A customer is having problems with NPV.
Which of these is the cause of the problem?

```
switch# show npv status

npiv is enabled

External Interfaces:
=====================
  Interface: fc1/1, VSAN: 1, FCID: 0x110000, State: Failed(Mismatch in VSAN for this
  upstream port)

  Number of External Interfaces: 1
```

A. No server was requested or received by the FLOGI database.
B. One external link must be up for server interface to be up.
C. Internal links are down and must be up for the server interface to be up.
D. VSANs are misconfigured on the upstream ports.
E. VLANs are misconfigured on the upstream ports.

Answer: D

QUESTION 11
Your customer is an ISP providing service to thousands of end customers. Its main concerns are focused on using up the total number of 4096 VLANs per VDC, wasting an unused block of IP addresses, and IP address management. Which technique will address these concerns?

A. create a separate VDC to scale VLAN limitation and upgrade to Cisco Nexus 7018 Switch
B. segment VLANs using secondary IP addresses, which will reduce the management domain
C. create mapping between the VLAN and VSAN to run FCoE to consolidate VLAN and IP addresses
D. use PVLANs, which will solve the scalability problem and provide IP address management

Answer: D

QUESTION 12
Which two commands are used to determine the CoPP profile used on Cisco Nexus 7000 Series? (Choose two.)

A. #show copp profile
B. #show copp diff profile
C. #show copp status
D. #show running-config copp
E. #show policy-map interface control-plane

Answer: CD

QUESTION 13
To ensure that DCBX can be run on a switch, which other feature must be enabled?

A. Cisco Discovery Protocol
B. LLDP
C. Fibre Channel
D. IEEE 802.1ad

Answer: B

QUESTION 14
Which statement is true regarding FHRP considerations for an OTV network?

A. VRRP is recommended over HSRP or GLBP.
B. Using an AED eliminates the need for FHRP.
C. FHRP should be limited to only the internal OTV interfaces.
D. Filtering FHRP across the OTV network is recommended to avoid a suboptimal path due to the election of a single default gateway.

Answer: D

Thank You for Trying Our Product

PassLeader Certification Exam Features:

★ More than **99,900** Satisfied Customers Worldwide.

★ Average **99.9%** Success Rate.

★ **Free Update** to match latest and real exam scenarios.

★ **Instant Download** Access! No Setup required.

★ Questions & Answers are downloadable in **PDF** format and **VCE** test engine format.

★ Multi-Platform capabilities - **Windows, Laptop, Mac, Android, iPhone, iPod, iPad**.

★ **100%** Guaranteed Success or **100%** Money Back Guarantee.

★ **Fast**, helpful support **24x7**.

View list of all certification exams: http://www.passleader.com/all-products.html

10% Discount Coupon Code: STNAR2014