Cisco 642-980 Exam

Volume: 124 Questions

Question No : 1
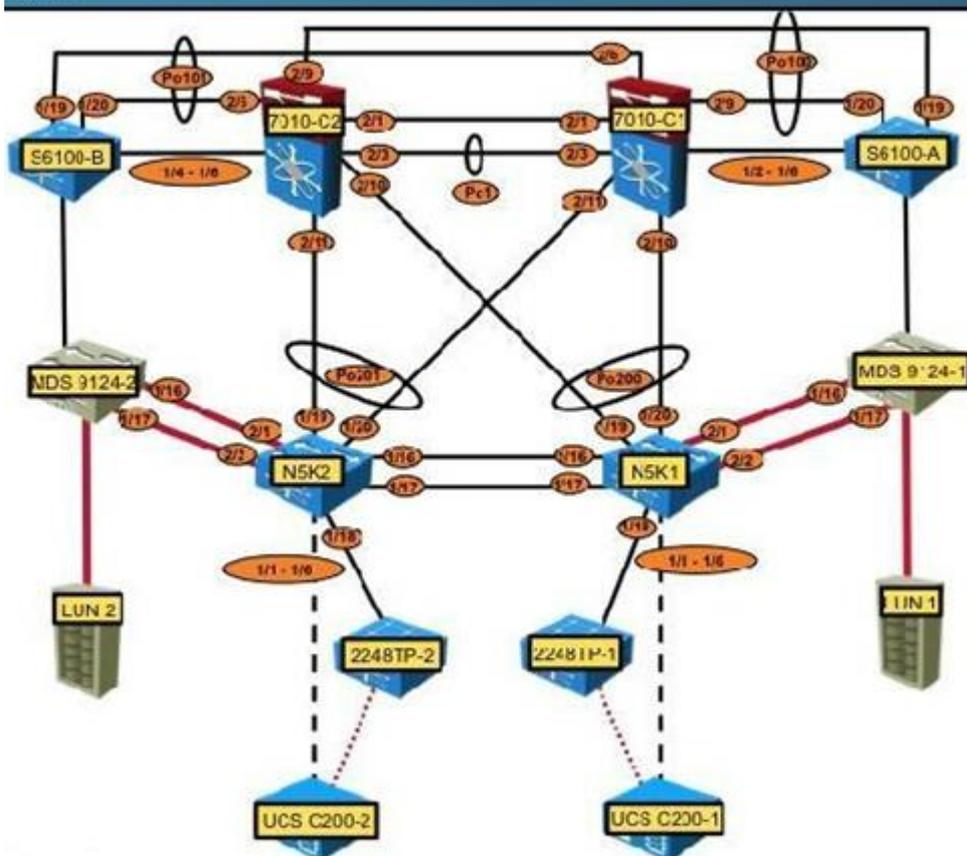
Which statement is true regarding the port channel 100 and 101 configurations between the Nexus 7010 switches?

A. The vPC assignments on N7010-C2 are incorrectly swapped

B. N7010-C1 is not allowing any active VLAN traffic to pass on Po100 and Po101.

C. LACP is not configured to initiate negotiations.

D. The vPC peer-keep alive is down between the two Nexus 7000 switches.

Answer: A

Question No : 2

In order to fulfill the requirement to prevent the creation of end-to-end loops across a multihomed OTV network that connects two different data centers, what is the solution to this problem?

A. prioritize the transmission of STP BPDUs across the overlay

B. design the DCI connectivity as a hub and spoke

C. define a conservative TTL for all packets traversing the OTV network

D. enable AED on a per-VLAN basis between each OTV edge device with the same site ID

Answer: D

Question No : 3

Why do the lists not contain the same switches, after you issue the commands show cfs peers name and show cfs merge status?

A. The merge cannot occur until the VSAN IDs are synched.

B. The Cisco Fabric Services fabric has a physical port fault that should be investigated.

C. The fabric is partitioned into multiple Cisco Fabric Services fabrics.

D. Cisco Fabric Services need to be restarted to see the new switches.

E. A Cisco Fabric Services database lock has prevented the merge.

Answer: C

Question No : 4

Which two describe the correct requirements for non-disruptive IOS ISSU on Cisco Nexus 7000 Series Switches? (Choose two.)

A. updated kickstart and system images must be staged in bootflash on single-supervisor switches

B. updated kickstart and system images must be staged in bootflash on dual-supervisor switches

C. low version skew

D. dual supervisors

E. clock synchronization

Answer: C,D

Question No : 5
Which two statements are true about the OTV otvsite-identifier id command? (Choose two.)

A. It is used to determine if there are other OTV edge devices on the local site.

B. It is used to identify the site to other OTV sites in the network.

C. It should be configured in addition to the otv site-vlan command.

D. It should be configured instead of the otv site-vlan command.

E. The value should be the same across all OTV sites.

Answer: A,C

Question No : 6
If no traffic was ever sent across the overlay, what will the show mac address-table command on the OTV VDC indicate?

A. invalid command

B. the MAC address of the local OTV join interface

C. the system IDs of all the local OTV edge devices

D. the system IDs of all the local and remote edge devices in the overlay

E. all the MAC addresses learned on the extended VLAN

Answer: B

Question No : 7
An administrator wants to combine the advantages of a trunking F port and an F port channel.
Which command on a Cisco MDS switch should be used to enable this?

A. enable port-channel

B. feature trunking-fport

C. feature fport-channel-trunk

D. port-channel trunk

E. feature fport-trunk

Answer: C

Question No : 8
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 No : 9
When you look at the HSRP state for devices on a VLAN that is extended by OTV, you see the following states: Active, Standby, and Listen. However, you intended each data center device to show the state as Active and Standby. What is the problem?

A. HSRP is not configured correctly.

B. A VACL is missing.

C. A PACL is missing.

D. This cannot be done.

Answer: B

Question No : 10
Which statement would explain why the overlay interface on an OTV edge device is not in the up state?

A. The site identifiers are identical within a multihomed site.

B. Multicast groups are not mapped to a range of SSM addresses to carry the multicast traffic.

C. An adjacency server is not configured for connectivity over a multicast transport.

D. The OTV IS-IS metrics do not match across all adjacent OTV edge devices.

Answer: B

Question No : 11
Refer to the exhibit.

```
%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
```

An administrator sees this message in the log while merging switch fabrics. What is theissue?

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 No : 12
Refer to the exhibit.

```
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 customer is having problems with NPV. Which of these is the cause of the problem?

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 No : 13
A customer reports that a 10-Gb interface between a Cisco Nexus 7009 Switch and a Cisco Nexus 5548UP Switch is not passing traffic. The Nexus 7009 interface indicates up/up. The Nexus 5548UP interface indicates up/down. Which feature should you enable to help isolate the root cause?

A. CDP

B. GOLD

C. UDLD

D. DAI

E. LACP

Answer: C

Question No : 14
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 No : 15
Refer to the exhibit.

```
switch(config)# show cfs lock name ntp
Scope     : Physical-fc-ip
----------------------------------------------------------------------------
  Switch WWN              IP Address              User Name    User Type
----------------------------------------------------------------------------
  20:00:00:0d:ec:50:09:00 172.25.183.42           admin        CLI/SNMP v3
Total number of entries = 1
  switch(config)# show cfs internal session-history name ntp detail

----------------------------------------------------------------------------
  Time Stamp              Source WWN              Event
  User Name               Session ID
----------------------------------------------------------------------------
  Thu Aug  5 11:51:02 2010  20:00:00:0d:ec:da:6e:00  LOCK_REQUEST
  admin                     35035
  Thu Aug  5 11:51:02 2010  20:00:00:0d:ec:da:6e:00  LOCK_ACQUIRED
  admin                     35035
  Thu Aug  5 11:51:03 2010  20:00:00:0d:ec:da:6e:00  COMMIT[2]
  admin                     35040
  Thu Aug  5 11:51:03 2010  20:00:00:0d:ec:da:6e:00  LOCK_RELEASE_REQUEST
  admin                     35035
  Thu Aug  5 11:51:03 2010  20:00:00:0d:ec:da:6e:00  LOCK_RELEASED
  admin                     35035
  Thu Aug  5 12:03:18 2010  20:00:00:0d:ec:50:09:00  REMOTE_LOCK_REQUEST
  admin                     284072
  Thu Aug  5 12:03:18 2010  20:00:00:0d:ec:50:09:00  LOCK_OBTAINED
  admin                     284072
```

What command should you execute next in resolving a lock failure?

A. ntp execute

B. ntp commit

C. ntp lock

D. ntp help

E. ntp detail

Answer: B

Question No : 16
Refer to the exhibit.

```
switch# show npv status

npiv is enabled

External Interfaces:
=====================
  Interface: fc1/1, VSAN: 1, FCID: 0x000000, State: Other

  Number of External Interfaces: 7
```

A customer is havinga problem getting NPV to work.What is causing the problem?

A. The core NPV switch port is not an F port.

B. The core NPV switch port is in a shutdown state.

C. The core NPV switch port is not configured on both ends.

D. The core NPV switch port is not configured on the other end.

E. The core NPV switch ports are in the wrong domain.

Answer: A

Question No : 17
You have enabled configuration synchronization between two Cisco Nexus 5548UP Switches. You create a port channel on switch 1 and determine that it was not synchronized with its peer. The peer switch can be pinged on the management VRF. When you check your peer status, you receive a "peer not reachable" message in the command output. What is the explanation for this?

A. CDP is disabled.

B. An LACP mismatch exists on the peer interfaces.

C. UDLD is disabled.

D. CFSoIP is disabled.

E. Multicast routing is enabled.

Answer: D

Question No : 18
Which command on a Cisco Nexus 5000 Series Switch will show the interface information for port 10 on the connected FEX 100?

A. show interface Ethernet 100/10

B. show fex 100 interface Ethernet 1/10

C. show interface Ethernet 100/1/10

D. show interface Ethernet 1/100/10

Answer: C

Question No : 19
Which three statements are true about the show cfs merge status name command? (Choose three.)

A. In a successful merge, all switches in the fabric are shown separately.

B. The command shows the complete Cisco Fabric Services region database.

C. The command shows the merge status in all valid VSANs on the switch.

D. The merge master is selected based on the highest sWWN in the fabric.

E. The merge master is selected based on the lowest sWWN in the fabric.

F. In a successful merge, all switches are shown in a local fabric.

Answer: C,E,F

Question No : 20
On a Cisco Nexus 5000 switch that runs in NPV mode, what is the correct command to view logged-in devices?

A. show flogi database

B. show npv flogi-table

C. show npv status

D. show npv device-login

E. show fcns flogi-database

Answer: B

Question No : 21
Refer to the exhibit.

```
switch# show npv status

npiv is enabled

Server Interfaces:
===================
  Interface: fc1/6, VSAN: 1, NPIV: No, State: Waiting for External Interface

  Number of Server Interfaces: 7
```

A customer is having a problem with NPV. Which of these is the cause of the problem?

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. Multiple external links must be up for the server to come up.

D. Internal links are down and must be up for the server interface to be up.

Answer: B

Question No : 22
You apply a new CoPP profile to a Cisco Nexus 7000 Series, and it stops responding to ping requests. Which option should you check?