



Vendor: Cisco

Exam Code: 642-980

**Exam Name: Troubleshooting Cisco Data Center Unified Fabric
(DCUFT)**

Version: Demo

Q & A: 80

QUESTION 1

When configuring LLDP on Cisco Nexus 5548 Switch, what is the purpose of LLDP hold time global configuration command?

- A. LLDP holdtime option is to set the length of time in milliseconds that a device should save LLDP information received before discarding it
- B. LLDP holdtime option is to set the length of time in seconds that a device should save LLDP information received before discarding it
- C. LLDP holdtime option to is the length of time in milliseconds to wait before performing LLDP initialization on any interface
- D. LLDP holdtime option to is the length of time in seconds to wait before performing LLDP initialization on any interface

Correct Answer: B

Explanation:

http://www.cisco.com/en/US/docs/switches/datacenter/nexus5000/sw/layer2/521_n1_2/b_5k_Layer2_Config_521N12_chapter_01011.pdf (page 2, see the table, step 2)

QUESTION 2

A customer is troubleshooting FCoE in its network and sees pause counters increasing when it runs the command show interface eth1/5. What is the cause of this?

- A. The CNA connected to the switch is sending Xon or Xoff PFC frames.
- B. The HBA connected to the switch is sending Xon or Xoff PFC frames.
- C. Pause counters increase regularly; there is nothing to be concerned about.
- D. A firmware upgrade on the Fibre Channel adapter that is connected to the switch will fix this issue.

Correct Answer: A

QUESTION 3

On a Cisco Nexus 5500 Series Switch, the VFC is stuck in the initializing state. Which QoS statements must be configured for FCoE to operate?

- A.

```
system qos
service-policy type qos input fcoe-default-in-policy
service-policy type queuing input fcoe-default-in-policy
service-policy type queuing output fcoe-default-out-policy
service-policy type network-qos fcoe-default-nq-policy
```
- B.

```
system qos
service-policy type qos input fcoe-default-in-policy
service-policy type queuing input fcoe-default-in-policy
service-policy type qos input default-in-policy
service-policy type network-qos default-nq-policy
```
- C.

```
system qos
service-policy type qos input default-in-policy
service-policy type queuing input default-in-policy
service-policy type queuing output default-out-policy
service-policy type network-qos default-nq-policy
```
- D.

```
system qos
service-policy type qos input default-in-policy
service-policy type queuing input default-in-policy
service-policy type queuing output fcoe-default-out-policy
```

```
service-policy type network-qos fcoe-default-nq-policy
```

Correct Answer: A

QUESTION 4

One of your Cisco Nexus Series interfaces has become errdisabled with the error message "DCX- No ACK in 100 PDUs". How often are these acknowledgements exchanged?

- A. 15 seconds
- B. 30 seconds
- C. 45 seconds
- D. 60 seconds

Correct Answer: B

Explanation:

<https://supportforums.cisco.com/thread/2174593>

QUESTION 5

Refer to the exhibit. What command should you execute next in resolving a lock failure?

```
switch(config)# show ofs look name ntp
Scope   : Physical-fo-ip
-----
Switch WWN      IP address  User Name   User Type
-----
20:00:00:04:eo:50:09:00  172.25.183.42  admin      CLI/SMR-IP v3
Total number of enties = 1
switch(config)# show ofs 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 11:51:02 2010 20:00:00:0d:ec:da:6e:00  COMMIT [2]
admin      35035
Thu Aug 5 11:51:02 2010 20:00:00:0d:ec:da:6e:00  LOCK_RELEASE_REQUEST
admin      35035
Thu Aug 5 11:51:02 2010 20:00:00:0d:ec:da:6e:00  LOCK_RELEASED
admin      35035
Thu Aug 5 11:51:02 2010 20:00:00:0d:ec:50:09:00  REMOTE_LOCK_REQUEST
admin      284072
Thu Aug 5 11:51:02 2010 20:00:00:0d:ec:50:09:00  LOCK_OBTAINED
admin      284072
```

- A. ntp execute

- B. ntp commit
- C. ntp lock
- D. ntp help
- E. ntp detail

Correct 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.

Correct Answer: A

QUESTION 7

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.

Correct Answer: D

QUESTION 8

FHRP isolation between data center networks that are connected over an OTV network is a two-step process; the first prevents FHRP peering by filtering FHRP control packets across the overlay via a VLAN ACL. What is the second step?

- A. Filter the FHRP MAC addresses that are being advertised by IS-IS.
- B. Remove the FHRP VLAN from the OTV extend-vlan list.
- C. Apply a VLAN to a route map that is applied to the OTV routing process.
- D. Disable the auto-population of the OTV MAC address table.

Correct Answer: A

QUESTION 9

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

Correct Answer: D

QUESTION 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.

Correct Answer: B

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300-206	640-911	BR0-002	SG0-001	1Z0-053	VCP550	C4030-670
300-207	640-916	CAS-001	SG1-001	1Z0-060	VCAC510	C4040-221
300-208	640-864	CLO-001	SK0-003	1Z0-474	VCP5-DCV	RedHat
350-018	642-467	ISS-001	SY0-301	1Z0-482	VCP510PSE	EX200
352-001	642-813	JK0-010	SY0-401	1Z0-485		EX300
400-101	642-832	JK0-801	PK0-003	1Z0-580		
640-461	642-902			1Z0-820		

