300-165^{Q&As}

Implementing Cisco Data Center Infrastructure

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QUESTION 1

Instructions

- Go through NX-OS CLI captures in Exhibits 1 through 5 to answer the questions.
- THIS TASK DOES NOT REQUIRE DEVICE CONFIGURATION.
- To access the multiple-choice questions, click the numbered boxes at the left of the top panel.
- There are four multiple-choice questions with this task. Be sure to answer all four questions before selecting the Next button.

Scenario

Customer is deploying Cisco FabricPath in their new data center as shown in the topology diagram. Go through NX-OS CLI captures in Exhibits 1 through 5 to answer the questions.
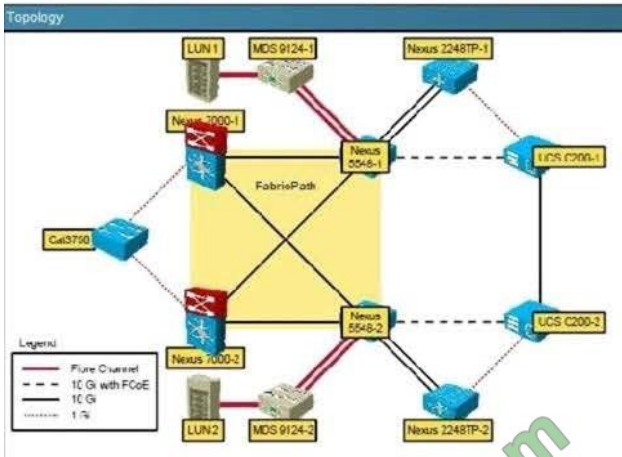
Topology

Exhibit 1

```
Nexus7000-1#show feature-set
Feature Set Name        ID        State
--------------------    -----     --------
fabricpath              2         enabled
fcx                     3         disabled

Nexus7000-1#
```

Exhibit 2

```
Nexus7000-1# show feature-set services fabricpath
u2rib
drap
isis_l2mp
3 services in feature set fabricpath
Nexus7000-1#
```

Exhibit 3

```
Nexus7000-1# config terminal
Nexus7000-1#(config)# fabricpath switch-id 25
Nexus7000-1#(config)#
```

Exhibit 4

```
Nexus7000-1# config terminal
Nexus7000-1#(config)# fabricpath timer allocate-delay 600
Nexus7000-1#(config)#
```

Exhibit 5

```
Nexus7000-1# config terminal
Nexus7000-1#(config)# fabricpath load-balance unicast layer3
Nexus7000-1#(config)#

Nexus7000#(config)# sh fabricpath load-balance
ECMP load-balancing configuration:
L3/L4 Preference: Mixed
Rotate amount: 14 bytes
Use VLAN: TRUE
Ftag load-balancing configuration:
Rotate amount: 3 bytes
Use VLAN: TRUE
```

Customer has configured fabricpath allocate-delay to 600. What is the effect of this?

A. The allocate-delay is the time for FP to go Into forwarding state

B. It specifies the time delay for a transitioned value to be propagated throughout the network

C. It specifies the time delay for a link bringup to detect conflicts

D. The allocate-delay is the time delay for a new resource to be propagated throughout the network

Correct Answer: D

Specifies the time delay for a new resource to be propagated throughout the network.
http://www.cisco.com/web/techdoc/dc/reference/cli/nxos/commands/fpath/fabricpath_timers.html

QUESTION 2

How should you enable the features that are required for VM-FEX on a Cisco Nexus 5500 Series switch?

A.

B.

C.

D.

Correct Answer: D

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/layer2/513_n1_1/b_Cisco_n5k_la
yer2_config_gd_rel_513_N1_1/b_Cisco_n5k_layer2_config_gd_rel_513_N1_1_chapter_010101.pdf

QUESTION 3

Drag the description on the left to the most appropriate Nexus product on the right.

Select and Place:

Correct Answer:

Drag the description on the left to the most appropriate Nexus product on the right.

	Includes native Fibre Channel interfaces
	Offers complete routing and ccre services
	Provides I/O consolidation
	Supports the SAN infrastructure
	A virtual machine-aware software switch

QUESTION 4

Which two statements about SAN zoning on Cisco Nexus switches are true? (Choose two.)

A. Zoning is enforced by examining the destination ID field.

B. Devices can only belong to one zone.

C. Only one zone set can be activated at any time.

D. A zone can only be a member one zone set.

E. Zoning must be administered from the primary SAN switch in the fabric.

F. Zone configuration changes are nondisruptive.

Correct Answer: CF

A zone set can be activated or deactivated as a single entity across all switches in the fabric. Only one zone set can be activated at any time. If zoning is not activated, all devices are members of the default zone. If zoning is activated, any device that is not in an active zone (a zone that is part of an active zone set) is a member of the default zone. Zoning can be administered from any switch in the fabric. When you activate a zone (from any switch), all switches in the fabric receive the active zone set. Additionally, full zone sets are distributed to all switches in the fabric, if this feature is enabled in the source switch. http://www.cisco.com/en/US/docs/storage/san_switches/mds9000/sw/san-os/quick/guide/qcg_zones.html

QUESTION 5

SW3#rollback running-config checkpoint user-checkpoint-1 atomic

Refer to the exhibit. What is the result?

A. The switch implements a rollback file that is named running-config.

B. The switch implements a rollback and skips any errors.

C. The switch implements a rollback that stops if an error occurs.

D. The switch implements a rollback only if no errors occur.

Correct Answer: D

When you roll back the running configuration, you can trigger an atomic rollback. An atomic rollback implements a rollback only if no errors occur.

Reference: https://www.cisco.com/c/en/us/td/docs/switches/datacenter/nexus5000/sw/system_management/503_n1_1/cisco_n5k_system_mgmt_cg_rel_503_n1_1_chapter11.pdf

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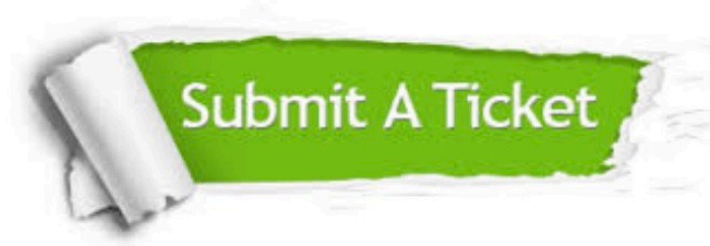Multi-Platform capabilities - Windows, Mac, Android, iPhone, iPod, iPad, Kindle

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