300-165^{Q&As}

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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.
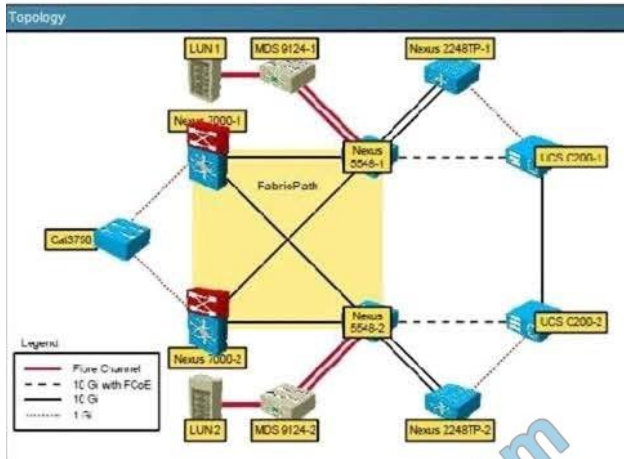
Topology

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

Which statement describes what happens if a new EPLD version is released with a new Cisco NX-OS version for a Cisco Nexus switch, but these EPLDs are not upgraded at the same time that NX-OS is upgraded?

A. Any new hardware or software feature that depends on the updated EPLD image is disabled until upgraded.

B. Modules that use an updated EPLD image remain offline until the EPLD is upgraded.

C. The EPLD image version mismatch is detected by the supervisor, which automatically initiates an upgrade.

D. The Cisco NX-OS upgrade fails as a result of the mismatch between EPLDs and NX-OS versions.

Correct Answer: A

QUESTION 3

```
show diff rollback-patch checkpoint stable running-config
```

Refer to the exhibit. Which option is the result of the command when it is executed on a Cisco Nexus 9000 Series Switch?

A. It implements a best-effort rollback to a stable user checkpoint.

B. It displays the differences between the latest rollback patch and the running configuration.

C. It performs a rollback to the specified checkpoint name or file based on the current differences in the running configuration.

D. It displays the differences between the source and the destination checkpoint selections.

Correct Answer: B

QUESTION 4

Which parameter is configurable when setting up logging on the Connectivity Management Processor?

A. the number of CMP messages to save in a single log file

B. the number of times the log can roll over

C. the directory to save the log file to

D. the severity threshold of the messages to log

Correct Answer: D

QUESTION 5

```
Switch_1(config) # feature lisp
Switch_1(config) # ip lisp itr
Switch_1(config) # ip lisp etr
Switch_1(config) # ip lisp itr map-resolver 10.10.10.1
Switch_1(config)# ip lisp database-mapping 10.10.10.0/24 172.16.1.1 priority 1 weight 100
```

Refer to the exhibit. What do you configure to complete the LISP setup on Switch_1?

A. locator address of the LISP map server

B. source address of the LISP map request messages

C. map-cache entry limit of the LISP

D. MTU discovery settings of the LISP router

Correct Answer: B

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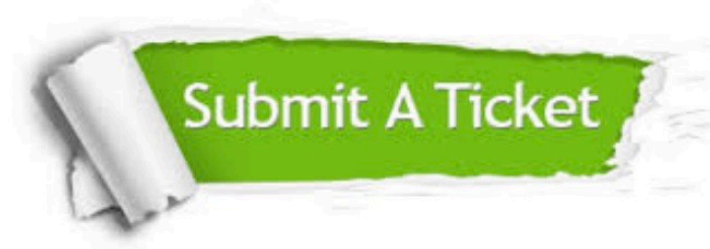Multi-Platform capabilities - Windows, Mac, Android, iPhone, iPod, iPad, Kindle

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