300-165^{Q&As}

Implementing Cisco Data Center Infrastructure

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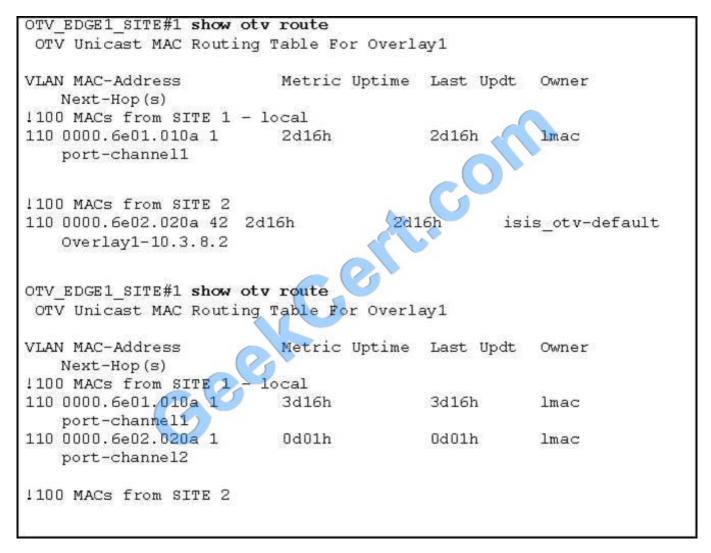Following Questions and Answers are all new published by Cisco Official Exam Center

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QUESTION 1

Refer to the exhibit. Which statement based on these two outputs that were collected 24 hours apart is true?

```
OTV_EDGE1_SITE#1 show otv route
 OTV Unicast MAC Routing Table For Overlay1

VLAN MAC-Address          Metric Uptime  Last Updt   Owner
    Next-Hop(s)
!100 MACs from SITE 1 - local
110 0000.6e01.010a 1       2d16h          2d16h       lmac
    port-channel1


!100 MACs from SITE 2
110 0000.6e02.020a 42  2d16h          2d16h        isis_otv-default
    Overlay1-10.3.8.2


OTV_EDGE1_SITE#1 show otv route
 OTV Unicast MAC Routing Table For Overlay1

VLAN MAC-Address          Metric Uptime  Last Updt   Owner
    Next-Hop(s)
!100 MACs from SITE 1 - local
110 0000.6e01.010a 1       3d16h          3d16h       lmac
    port-channel1
110 0000.6e02.020a 1       0d01h          0d01h       lmac
    port-channel2

!100 MACs from SITE 2
```

A. The Site 2 OTV edge device has gone down.

B. The MAC address cannot be discovered on two separate port channel interfaces.

C. The MAC address that ends in 020a moved to the local site 23 hours ago.

D. The Overlay1 IP address should be a multicast IP address.

Correct Answer: C

QUESTION 2

Which two advantages does FabricPath have over Spanning Tree in implementing a loop-free network topology design? (Choose two.)

A. Blocked links can be brought in to service if active links fail.

B. Convergence times are faster.

C. Multipath forwarding is supported for unicast and multicast Layer 2 and Layer 3 traffic.

D. Unknown unicast addresses are flooded in through the originating port.

Correct Answer: BC

QUESTION 3

Which statement about electronic programmable logic device image upgrades is true?

A. An EPLD upgrade must be performed during an ISSU system or kickstart upgrade.

B. EPLD and ISSU image upgrades are nondisruptive.

C. Whether the module being upgraded is online pr offline only the EPLD images that have different current and new versions are upgraded.

D. You can execute an upgrade or downgrade only from the active supervisor module.

Correct Answer: D

Reference: http://www.cisco.com/c/en/us/td/docs/switches/datacenter/sw/4_0/epld/release/notes/epld_rn.html

QUESTION 4

Which two statements about implementing Cisco NPV and NPIV on a Cisco Nexus 5000 Series switch are true? (Choose two.)

A. STP must run inside the FP network.

B. All VLANs must be in the same mode, CE, or FP.

C. FP port can join the private and nonprivate VLANs.

D. Only F and M series modules can run FabricPath.

E. These require an enhanced Layer 2 license to run.

Correct Answer: BE

With the Nexus 5x00 switch, FCoE functionality is a licensed feature. After the license is installed, FCoE configuration can be completed. http://www.ciscopress.com/articles/article.asp?p=2030048andseqNum=4
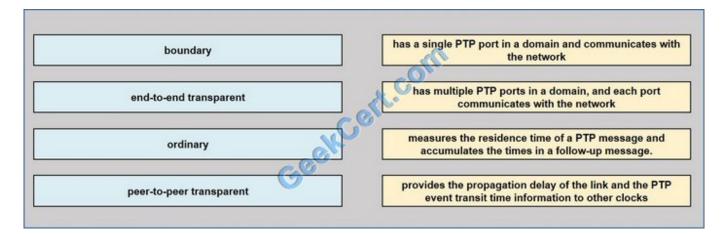
QUESTION 5

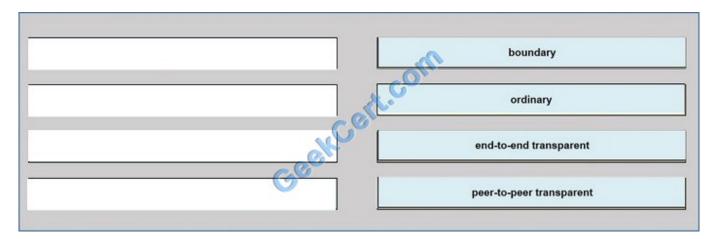Drag and drop the types of PTP clocks on the left to their correct descriptions on the right.

Select and Place:

boundary	has a single PTP port in a domain and communicates with the network
end-to-end transparent	has multiple PTP ports in a domain, and each port communicates with the network
ordinary	measures the residence time of a PTP message and accumulates the times in a follow-up message.
peer-to-peer transparent	provides the propagation delay of the link and the PTP event transit time information to other clocks

Correct Answer:

	boundary
	ordinary
	end-to-end transparent
	peer-to-peer transparent

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