



300-101^{Q&As}

Implementing Cisco IP Routing

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**QUESTION 1**

Which two statements about NTP stratum are true? (Choose two)

- A. Stratum 15 indicates a device that is not synchronized
- B. Stratum 1 devices receive their time from a peer that is connected directly to an authoritative time source.
- C. The highest stratum level a synchronized device can have is 16
- D. Stratum 2 devices receive their time from a peer that is connected directly to an authoritative time source
- E. Stratum 0 devices are connected directly to an authoritative time source
- F. Stratum 1 devices are connected directly to an authoritative time source

Correct Answer: DF

QUESTION 2

Which protocol allows hosts to rearrange out-of-order packets at Layer 3?

- A. Use UDP, which sequences packets and can place them in the correct order
- B. Use TCP, which works with the STP root bridge to transmit packets in the correct order
- C. Use TCP, which sequences packets and can place them in the correct order
- D. Use UDP, which can retransmit missing packets

Correct Answer: C

QUESTION 3

Which LSA type does R3 propagate into Area 1 for the 192.168.10.0/24 network?

- A. type 3 LSA
- B. type 5 LSA
- C. type 7 LSA
- D. type 10 LSA



Correct Answer: C

QUESTION 4

Which statement is true about the PPP Session Phase of PPPoE?

- A. PPP options are negotiated and authentication is not performed. Once the link setup is completed, PPPoE functions as a Layer 3 encapsulation method that allows data to be transferred over the PPP link within PPPoE headers.
- B. PPP options are not negotiated and authentication is performed. Once the link setup is completed, PPPoE functions as a Layer 4 encapsulation method that allows data to be transferred over the PPP link within PPPoE headers.
- C. PPP options are automatically enabled and authorization is performed. Once the link setup is completed, PPPoE functions as a Layer 2 encapsulation method that allows data to be encrypted over the PPP link within PPPoE headers.
- D. PPP options are negotiated and authentication is performed. Once the link setup is completed, PPPoE functions as a Layer 2 encapsulation method that allows data to be transferred over the PPP link within PPPoE headers.

Correct Answer: D

PPPoE is composed of two main phases:

Active Discovery Phase -- In this phase, the PPPoE client locates a PPPoE server, called an access concentrator. During this phase, a Session ID is assigned and the PPPoE layer is established. PPP Session Phase -- In this phase, PPP

options are negotiated and authentication is performed. Once the link setup is completed, PPPoE functions as a Layer 2 encapsulation method, allowing data to be transferred over the PPP link within PPPoE headers.

Reference: <http://www.cisco.com/c/en/us/td/docs/security/asa/asa92/configuration/vpn/asa-vpn-cli/vpnpppoe.html>

QUESTION 5

Drag and drop each Frame-Relay component in the left to the correct statement in the right.

Select and Place:



TEMPORAL CONNECTION	SVC
CONGESTION MECHANISM	LMI
CONNECTION BETWEEN 2 ENDPOINTS	DLCI
LOCALLY SIGNIFICANT	FECN
EXCHANGE OF MESSAGES AND STATE OF CONNECTION	PVC

Correct Answer:

	TEMPORAL CONNECTION
	EXCHANGE OF MESSAGES AND STATE OF CONNECTION
	LOCALLY SIGNIFICANT
	CONGESTION MECHANISM
	CONNECTION BETWEEN 2 ENDPOINTS

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