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Exam : **642-651**

Title : Cisco Wide Area Application
Services for System
Engineers exam

Version : DEMO

1. Which LAN traffic management feature is fully supported by Cisco WAAS?

- A. intrusion detection system
- B. QoS
- C. NBAR
- D. MPLS

Answer: B

2. Your customer's Cisco WAAS design calls for the Central Manager to be deployed on the Core WAE, which is a WAE-612 with 2GB of RAM. The customer initially configured the WAE as an application accelerator, and then issued the device mode central-manager command to enable Central Manager service. Now the customer reports that the WAE is no longer accelerating traffic. What is the problem?

- A. The Central Manager and application accelerator cannot be deployed on the same WAE.
- B. At least 4GB of RAM must be installed for the WAE to serve as both Central Manager and application accelerator.
- C. The device mode central-manager command must be issued before the device mode application-accelerator command.
- D. Central Manager is consuming too much CPU time on the WAE. The Central Manager service should be implemented on a less-utilized edge WAE.

Answer: A

3. In a Cisco WAAS environment, which TCP connection establishment messages should you examine if your customer has sent you a TCP protocol trace and asked for your help in understanding why the WAE appliances are failing to negotiate the correct, optimized policy?

- A. SYN and FIN
- B. SYN and ACK
- C. SYN and SYN ACK
- D. ACK and SYN ACK

Answer: C

4. Which two options correctly identify the WAE file services integration modes available in Cisco WAAS? (Choose two.)

- A. transparent, in which the WAE appears as a node on the remote office LAN

- B. transparent, in which the WAE does not appear as a node on the remote office LAN
- C. non-transparent, in which the WAE appears as a node on the remote office LAN
- D. non-transparent, in which the WAE does not appear as a node on the remote office LAN

Answer: BC

5. You have configured a Central Manager WAE cluster for your customer. After a technician accidentally unplugs the power cord from the primary Central Manager WAE, the network administrator calls you to complain that the standby Central Manager WAE did not automatically assume the primary role. What should you tell this administrator?

- A. You should verify that the datafeed.pollrate setting is configured properly.
- B. You should make sure the two Central Manager WAE appliances are on the same subnet
- C. You must manually copy the Central Manager database to the standby Central Manager WAE.
- D. You must manually initiate failover and fallback processes on the WAE.

Answer: D

6. Your customer has purchased multiple Cisco WAE appliances, but does not want to dedicate one WAE for management purposes only. How would you advise this customer?

- A. There must be at least one Central Manager available for configuration and management tasks.
- B. The data center WAE can be used for both the Central Manager and Application Accelerator roles.
- C. There is no need for a dedicated Central Manager; all configuration tasks can be performed on the application accelerators using the WAE device CLI and GUI.
- D. If one of the WAE appliances is configured as the Central Manager, then later, after all application accelerators are registered and on line, the Central Manager WAE can be reconfigured as an application accelerator.

Answer: A

7. When you size a Cisco WAAS solution, you should assume that how many of the total number of concurrent TCP connections per user will be optimized?

- A. 1-2
- B. 4-7
- C. 14-20

D. 25-40

Answer: B

8. When using PBR, what do you need to configure to enable failover?

A. QoS

B. MPLS

C. IP SLAs

D. NetFlow

Answer: C

9. What are three benefits of using the Cisco WAE file blocking feature? (Choose three.)

A. eliminates data redundancy

B. reduces the use of network resources

C. minimizes the transfer of unsanctioned data

D. prevents multiple users from attempting to edit the same file

E. controls which file types are stored on the data center file server

F. ensures that files cannot be edited until they are synchronized between the branch and the data center

Answer: BCE

10. Your customer is using firewalls. What must be permitted to pass through the firewalls in order to allow WAE auto-discovery?

A. TCP options

B. TCP port 139

C. TCP port 445

D. TCP SYN-ACK with data

Answer: A