



Cisco 642-652

Exam Name: *Wide Area Application Services for Field Engineers*

Q & A : 60 Q&As

Pdf Demo

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Exam : Cisco 642-652

Title : Wide Area Application Services for Field Engineers

1. After configuring a Cisco WAAS deployment using WCCPV2, you find that you can successfully ping a data center server from a workstation in the branch office. However, when you attempt to start one of the optimized applications, the application cannot communicate with the server. What is the most likely cause?

- A. There is insufficient disk space on either the edge or core WAE.
- B. You configured half-duplex mode on the WAE interfaces.
- C. You configured autonegotiate duplex mode on the WAE interfaces.
- D. You deployed the WAE on the same subnet as the users or servers.

Answer: D

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

Answer: A

3. In a Cisco WAAS deployment, what should you check first if your customer is reporting poor performance across all optimized applications?

- A. Verify that full duplex is configured on all interfaces.
- B. Verify that only one Central Manager WAE is set to active.
- C. Verify that PBR has a route map for each direction of traffic flow.
- D. Verify that WCCP is configured with one service group in the path of each direction of traffic flow.

Answer: A

4. Your customer has deployed Cisco WAAS using ACE for traffic interception. The customer reports that traffic is not being optimized. Which command would you use to troubleshoot network interception?

- A. WAE-CORE# show wccp routers
- B. WAE-CORE# show ip access-lists
- C. ACE/Admin# show wccp routers
- D. ACE/Admin# show rserver detail
- E. router# show wccp services

Answer: D

5. How can you verify that the WAE has joined a Microsoft Windows domain correctly?

- A. Execute the show windows-domain command on the WAE.
- B. Click the Show Authentication Status button in Central Manager.
- C. Use the Windows nbstat command.
- D. Use the Windows netstat command.

Answer: B

6. Refer to the exhibit. Your customer plans to deploy the edge WAE appliances in an off-path, two-arm configuration. The WAE appliances are connected to Cisco Catalyst 6500 Series Switches and use WCCPv2 for traffic interception. The customer wants to minimize the latency added by interception. The customer also wants to know if Layer 2 redirection, rather than GRE tunnels, will improve performance.

What should you tell your customer?

- A. Layer 2 redirection can be used only in in-path configurations.
- B. Layer 2 redirection can be used only in one-arm configurations.
- C. Layer 2 redirection can be used in the customer configuration.
- D. GRE tunnels provide better performance than Layer 2 redirection.

Answer: C

7. Refer to the exhibit. This partial listing shows output from the show tfo connection summary command. Given this output, which statement is correct?

- A. The local WAE policy was configured for LZ compression only; the remote WAE policy was configured for full optimization.
- B. The local WAE policy was configured for LZ compression and TFO optimization; the remote WAE policy was configured for LZ compression only.
- C. Both the local and remote WAE policies were configured for LZ compression only.
- D. Both the local and remote WAE policies were configured for LZ compression and TFO optimization, but only LZ compression was applied.

Answer: A

8. When implementing Windows authentication for WAE management, what is the maximum allowable time skew between each WAE and the Windows domain controller?

- A. 1 second
- B. 5 seconds
- C. 120 seconds
- D. 300 seconds

Answer: D

9. How many IP addresses are required for an in-line card in a redundant, serially clustered configuration?

- A. none
- B. one
- C. two
- D. four

Answer: A

10. Your customer reports that traffic has never been received by the remote device after deploying Cisco WAAS using WCCPv2 in an off-path configuration. Which two parameters should you verify? (Choose two.)

- A. IP SLAs
- B. WAE subnet
- C. router IP address
- D. routing configuration
- E. service group redirection

Answer: BE

11. Refer to the exhibit. What are two possible reasons the CORE1 WAE might be displayed as "Offline"? (Choose two.)

- A. The WAE is powered off.
- B. The HTTPS service is disabled.
- C. The Central Manager service is disabled.
- D. The WAE is configured in the same VLAN as the server nodes.

Answer: AC

12. When must WCCPv2 redirect exclusion be configured on the routers?

- A. when redirect in is used on any interface
- B. when redirect in is used on the LAN interface only
- C. when redirect in is used on the WAN interface only
- D. when redirect out is used on any interface
- E. when redirect out is used on the LAN interface only
- F. when redirect out is used on the WAN interface only

Answer: D

13. Refer to the exhibit. The exhibit shows the result of executing the show wccp services configuration. What conclusion can you draw from this result?

- A. The configuration is valid.
- B. The configuration is valid for an in-line deployment only.
- C. The configuration is valid if a redirect exclude directive has been configured correctly.
- D. The configuration is not valid.

Answer: D

14. Which two symptoms would you expect to observe in a TCP trace if a Cisco WAE that was optimizing connections fails? (Choose two.)

- A. The receiving node receives TCP segments with invalid sequence numbers and resets the connection.
- B. The secondary WAE takes over the connection and the receiving node sees nothing.
- C. The receiving node continues normally because it has a session to the originating node.
- D. All optimized TCP connections handled by that WAE are reset.
- E. All optimized TCP connections are taken over by the receiving node.

Answer: AD

15. Your customer plans to implement Cisco WAAS using four WAE appliances in a load-balanced configuration. Which feature must be supported on the switches to which the WAE appliances are attached?

- A. redirect exclusion
- B. Layer 2 redirection
- C. WCCPv2
- D. WCCPv2 or PBR

Answer: C

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