

Exam Code: 1Y0-740

Exam Name: Citrix WANScaler 4.2: Administration Exam

Vendor: Citrix

Version: DEMO

Part: A

1: Scenario: An administrator is implementing a WANScaler appliance in the branch office of a telemarketing environment. Most of the traffic in this environment is voice over IP based. However, the billing and collections team needs access to web servers in the corporate office. Users in this environment have complained that it takes too long for them to access data in the morning, between 9:00 AM and 10:30 AM. Coincidentally, this is when most of the billing and collections employees begin their day.

Which traffic type could the administrator accelerate in this environment?

- A.FTP
- B.UDP
- C.HTTP
- D.Telnet

Correct Answers: C

2: Scenario: An administrator is implementing a WANScaler appliance in an environment where the majority of the traffic types are candidates for acceleration. There is an undetermined amount of critical unaccelerated traffic that needs to be considered.

Which two options should the administrator implement to ensure that unaccelerated network traffic types are not suppressed in this environment? (Choose two.)

- A.Select hardboost.
- B.Select partial bandwidth.
- C.Fix the bandwidth limit to 50%.
- D.Set the initial bandwidth to 90%.

Correct Answers: B D

3: In a high availability pair, configuration changes should be made using which IP address?

- A.Virtual IP address
- B.Subnet IP address
- C.WANScaler IP address
- D.Management IP address

Correct Answers: A

4: Scenario: An administrator designing a WANScaler implementation would like the implementation to be set up based on the following considerations:

- 1.The data center supports multiple branch offices, of which only one has a WANScaler appliance.
- 2.The branch office WANScaler appliance should connect directly to the WAN router for the branch office.
- 3.The headquarters WANScaler appliance should connect directly to the WAN router for the headquarters.
- 4.All traffic from the branch office to servers at the headquarters should flow through the branch office WANScaler appliance.

Which WANScaler deployment topology should be used in this type of implementation?

- A.Star

- B.Token Ring
- C.Point-to-point
- D.Hub-and-spoke

Correct Answers: C

5: Which TCP variant would be appropriate in an environment where a site is connected to multiple WAN links, each of which has no guaranteed bandwidth?

- A.Inline
- B.Variable
- C.Softboost
- D.Hardboost
- E.Full bandwidth

Correct Answers: C

6: Scenario: An administrator would like to implement five WANScaler appliances in an environment. Four of the appliances are deployed in the branch offices and one in the data center. Each office has a single circuit to the data center. All appliances will be implemented in inline mode. The administrator wants to leverage the automatic bandwidth allocation feature. The administrator has decided that WANScaler QoS will not be implemented in this environment. Which physical WANScaler topology will be appropriate for this implementation?

- A.Mesh
- B.Full Mesh
- C.Point-to-point
- D.Hub-and-spoke

Correct Answers: D

7: An administrator is implementing WANScaler appliances in an environment. The administrator has been instructed to configure WANScaler appliances to accelerate traffic. What are three types of traffic that can be accelerated by WANScaler appliances? (Choose three.)

- A.SIP
- B.FTP
- C.NFS
- D.CIFS
- E.TFTP

Correct Answers: B C D

8: Scenario: An administrator is instructed to implement two WANScaler appliances in high availability mode for a virtual inline deployment. In this environment, the switches and routers are already connected. What is the minimum number of Ethernet cables required to set up the WANScaler appliances in a single LAN, single WAN deployment?

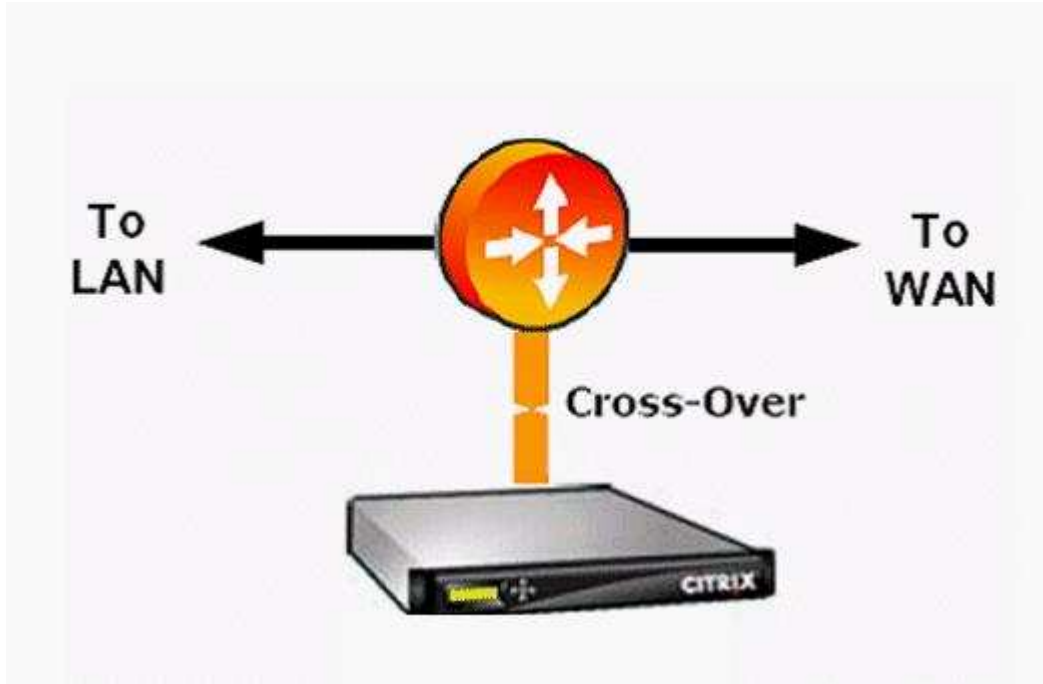
- A.1
- B.2
- C.3
- D.4

Correct Answers: B

9: An administrator would like to implement a WANScaler appliance as depicted in the attached diagram.

Click the 'Exhibit' button to view the diagram.

In which deployment mode will the WANScaler appliance be implemented in this environment?



- A.Inline
- B.WCCP
- C.Point-to-point
- D.Virtual inline with policy-based routing

Correct Answers: D

10: What should an administrator do to ensure that traffic is sent to the desired appliance when configuring WANScaler appliances in group mode?

- A.Turn one of the appliances off in the group mode.
- B.Assign the virtual IP address to the primary appliance.
- C.Create forwarding rules that use explicit IP addresses.
- D.Create a service class policy to manage the distribution of traffic.

Correct Answers: C

11: An administrator is implementing a WANScaler appliance in WCCP mode in a single LAN, single WAN implementation. What is the minimum number of Ethernet cables required to set up the WANScaler appliance on the local LAN?

- A.1
- B.2
- C.3
- D.4

Correct Answers: A

12: An administrator implementing WANScaler appliances in an appliance only environment has been instructed by the IT Manager to not bring down the network while installing the WANScaler appliances. In which two deployment modes could the administrator implement the WANScaler appliances to meet the stated requirements? (Choose two.)

- A.Inline
- B.WCCP
- C.Redirector
- D.Virtual inline

Correct Answers: B D

13: The _____ is where the set of rules that map accelerated subnets to appliances is created and the _____ is what examines the rules. (Choose the correct option to complete the sentence.)

- A.Client; Controller
- B.Client; Appliance
- C.Controller; Client
- D.Controller; Appliance

Correct Answers: C

14: During the TCP handshake process, the Maximum Segment Size (MSS) of a packet is reduced in order to _____. (Choose the correct phrase to complete the sentence.)

- A.increase interactive performance
- B.compress the traffic across the WAN
- C.allow room in the packet header for custom WANScaler options
- D.indicate the existence of a WANScaler appliance to other WANScaler appliances across the WAN

Correct Answers: C

15: Which three operating parameters are defined in the TCP header of a packet and exchanged during the autoconfiguration process? (Choose three.)

- A.Bandwidth limits
- B.Acceleration mode
- C.Service class rules
- D.Compression mode
- E.Compression history

Correct Answers: A B D

16: Scenario: A system administrator deployed a WANScaler 8500 appliance at one branch office and a WANScaler 8800 appliance at the headquarters office. Given the nature of the data transfers that are routinely used between the two offices (including database replication, multiple file transfers and directory synchronization), the administrator decides to use disk-based compression. After several days of testing, the administrator could not explain why the compression ratio was

below the expected level.

What are four possible reasons why the compression ratio was below the expected level? (Choose four.)

- A.Compression ratios are data-dependent.
- B.The WANScaler is not suited for compressing CIFS traffic.
- C.File types with little to no redundancy will not compress well.
- D.WANScaler appliances must be deployed as matched pairs.
- E.Encryption of the data has a negative effect on compressibility.
- F.Compressibility of data is affected by the application protocol used.
- G.The WANScaler 8500 appliance does not support disk-based compression.

Correct Answers: A C E F

17: Which two techniques are used to accelerate and optimize CIFS traffic across high latency links in a WANScaler appliance implementation? (Choose two.)

- A.Zero locking
- B.File read ahead
- C.History analysis
- D.Recursive file opens
- E.Pre-fetching metadata

Correct Answers: B E

18: Which two statements are true regarding protocol acceleration? (Choose two.)

- A.VoIP optimization is an indirect benefit of other optimizations of the WANScaler.
- B.All HTTP traffic is enhanced by applying QoS on cascading style sheets and pages that use Java scripts.
- C.IPsec key exchange algorithms are adjusted with the Flow-Control Engine and their payloads are compressed.
- D.FTP traffic is enhanced by the ability of the WANScaler appliance to keep track of which files have been previously transferred.
- E.Any TCP information exchanged by two WANScaler appliances where the bit patterns exchanged match previous traffic can be eligible for multi-level compression.

Correct Answers: A E

19: When data is compressed before passing through a WANScaler appliance, it _____. (Choose the correct phrase to complete the sentence.)

- A.is not encrypted
- B.is still compressed
- C.is passed through as unaccelerated traffic
- D.is decompressed and recompressed using proprietary algorithms

Correct Answers: B

20: A WANScaler implementation of QoS _____. (Choose the correct phrase to complete the sentence.)

- A.should be used with softboost only

- B.operates on accelerated traffic only
- C.is incompatible with other QoS solutions
- D.is a sender and receiver-side QoS system

Correct Answers: B