

101^{Q&As}

Application Delivery Fundamentals

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QUESTION 1

An organization needs to protect its data center from layer three-based and layer four-based exploits.

Which F5 product provides this functionality?

- A. AFM
- B. ASM
- C. GTM
- D. APM

Correct Answer: A

<https://www.f5.com/products/security/advanced-firewall-manager>

QUESTION 2

Even though F5 is an application delivery controller, it can also effectively mitigate attacks directed at the network layer.

- A. True
- B. False

Correct Answer: A

QUESTION 3

Exhibit. the Web application Server made a query to the Database to present dynamic content for a user who would be the client?



- A. The User
- B. The Big-IP
- C. The Database
- D. The Web application server

Correct Answer: D

QUESTION 4

Which IP address will the client address be changed to when SNAT automap is specified within a Virtual Server configuration?

- A. The floating self IP address on the VLAN where the packet leaves the system.
- B. The floating self IP address on the VLAN where the packet arrives on the system.
- C. It will alternate between the floating and nonfloating self IP address on the VLAN where the packet leaves the system so that port exhaustion is avoided.
- D. It will alternate between the floating and nonfloating self IP address on the VLAN where the packet arrives on the system so that port exhaustion is avoided.

Correct Answer: A

QUESTION 5

You have created a custom profile named TEST2. The parent profile of TEST2 is named TEST1.

If additional changes are made to TEST1, what is the effect on TEST2?

- A. All changes to TEST1 are propagated to TEST2.
- B. Some of the changes to TEST1 may propagate to TEST2.
- C. Changes to TEST1 cannot affect TEST2 once TEST2 is saved.
- D. When TEST1 is changed, the administrator is prompted and can choose whether to propagate changes to TEST2.

Correct Answer: B

QUESTION 6

An Administrator enables HTTP keep alive. How does this affect the network?

- A. HTTP connections will remain open longer
- B. Fewer TCP connections will need to be opened
- C. HTTP connections will close when the keep-alive times out
- D. More TCP connections will need to be opened

Correct Answer: B

<https://en.wikipedia.org/wiki/HTTPpersistentconnection>

QUESTION 7

Which statement is correct concerning differences between BIG-IP ASM platforms?

- A. The 3900 has more ports than the 6800.
- B. The 3900 and 6800 have the same number of ports.
- C. The 3900 and 6800 can support both the module and standalone versions of BIG-IP ASM.
- D. The 3900 can support both module and standalone versions of BIG-IP ASM whereas the 6800 can support only the module version of BIG-IP ASM.

Correct Answer: D

QUESTION 8

What does HTTP status code 500 mean?

- A. Service unavailable
- B. Internal server error
- C. Gateway timeout
- D. Had gateway

Correct Answer: B

QUESTION 9

in which scenario is a full proxy TCP connection required?

- A. when IP Anycastmg is enabled
- B. when routing is enabled
- C. when the number of TCP connections to the server must be optimized
- D. when the client TCP connections options must be sent to the server

Correct Answer: C

QUESTION 10

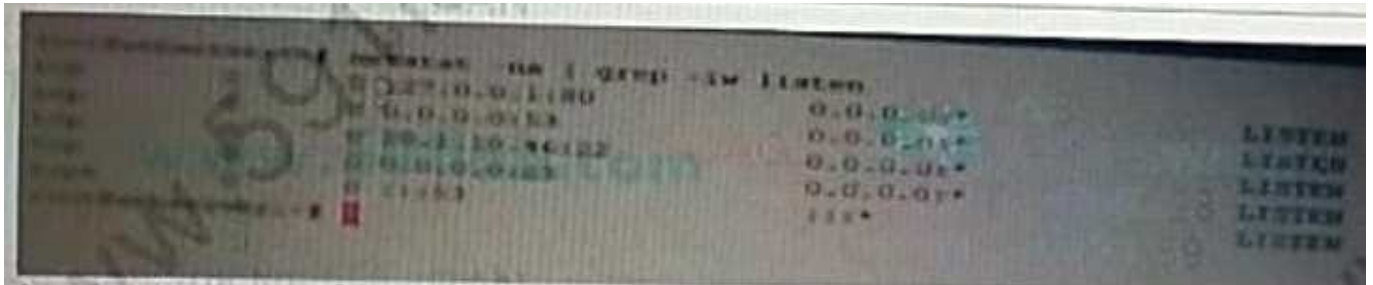
How is traffic flow through transparent virtual servers different from typical virtual servers? (Choose two.)

- A. any text string within a cookie
- B. any bytes within the initial client request packet
- C. an IP address
- D. the value in the tcp acknowledgement field

Correct Answer: AC

QUESTION 11

An administrator configures secure remote access to a server's shell. Given the netstat output, what did the administrator configure?



- A. telnetd, allowing connections only from IP address 10.1.10.46
- B. sshd, listening on IP address 10.1.10.46
- C. sshd, allowing connections only from IP address 10.1.10.46
- D. telnetd listening on IP address 10.1.10.46

Correct Answer: B

Although it appears telnet is configured in this example (!) it is listening on all IP addresses of the system while ssh (port 22) is only on the 10.1.10.46 address.

QUESTION 12

What is the advantage of specifying three load balancing methods when load balancing within pools?

- A. Specifying three methods allows the GTM System to use all three methods simultaneously.
- B. Specifying three methods allows the GTM System to choose the optimal method for each name resolution.
- C. Specifying three methods allows the GTM System alternate methods if insufficient data is available for other methods.
- D. Specifying three methods allows the GTM System to rotate between the three methods so that no one method is used too often.

Correct Answer: C

QUESTION 13

TI SSSL prides which functionary when a web browser connects to web site using the HTTPS protocol?

- A. delivers secure communication over a network connection
- B. prevents the web server from being compromised
- C. protects network packets from interception by intermediaries
- D. stop the web browser from automatically downloading malware

Correct Answer: A

QUESTION 14

VLAN test-vlan" is configured on interface 1 1 instead of interface 1.2. Which TMSH command should be used to correct this issue?

- A. modify /net test vlan interfaces {1.2}
- B. modify /net test-vlan interfaces replace all with {1 2}
- C. modify /net vlan test-vlan interfaces replace all with {12}
- D. modify /net sian test-vlan interfaces {1 2}

Correct Answer: C

QUESTION 15

GTM solves which three of these standard DNS limitations? (Choose three.)

- A. It can verify that a host is available before resolving a host name for a client.
- B. It can use HTTPS for the connection between itself and the client.
- C. It can ensure that clients remain at the same data center for stateful applications.
- D. It can verify that a client does not have any viruses before sending the IP address.
- E. It has more complex load balancing methods.

Correct Answer: ACE

GTM solves three of these standard DNS limitations It can verify that a host is available before resolving a hostname for a client It can ensure that clients remain at the same data center for stateful applications It has more complex load balancing methods

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