Vendor:F5

Exam Code:F50-531

Exam Name:BIG-IP v10.x LTM Essentials V10.x

Version: Demo

QUESTION 1

A site is load balancing to a pool of web servers. Which statement is true concerning BIG-IP\\'s ability to verify whether the web servers are functioning properly or not?

A. Web server monitors can test the content of any page on the server.

B. Web server monitors always verify the contents of the index.html page.

C. Web server monitors can test whether the server\\'s address is reachable, but cannot test a page\\'s content.

D. Web server monitors can test the content of static web pages, but cannot test pages that would require the web server to dynamically build content.

Correct Answer: A

QUESTION 2

A virtual server is listening at 10.10.1.100:any and has the following iRule associated with it: when CLIENT_ACCEPTED { if {[TCP::local_port] equals 21 } { pool ftppool } elseif {[TCP::local_port] equals 23 } { pool telnetpool } If a user connects to 10.10.1.100 and port 22, which pool will receive the request?

A. ftppool

B. telnetpool

C. None. The request will be dropped.

D. Unknown. The pool cannot be determined from the information provided.

Correct Answer: D

QUESTION 3

Where is persistence mirroring configured?

A. It is always enabled.

B. It is part of a pool definition.

C. It is part of a profile definition.

D. It is part of a virtual server definition.

Correct Answer: C

QUESTION 4

How is MAC masquerading configured?

A. Specify the desired MAC address for each VLAN for which you want this feature enabled.

B. Specify the desired MAC address for each self-IP address for which you want this feature enabled.

C. Specify the desired MAC address for each VLAN on the active system and synchronize the systems.

D. Specify the desired MAC address for each floating self-IP address for which you want this feature enabled.

Correct Answer: A

QUESTION 5

When using the setup utility to configure a redundant pair, you are asked to provide a "Failover Peer IP". Which address is this?

A. an address of the other system in its management network

B. an address of the other system in a redundant pair configuration

C. an address on the current system used to listen for fail-over messages from the partner BIG-IP

D. an address on the current system used to initiate mirroring and network fail-over heartbeat messages

Correct Answer: B

QUESTION 6

Which two statements describe differences between the active and standby systems? (Choose two.)

A. Monitors are performed only by the active system.

B. Fail-over triggers only cause changes on the active system.

C. Virtual server addresses are hosted only by the active system.

D. Configuration changes can only be made on the active system.

E. Floating self-IP addresses are hosted only by the active system.

Correct Answer: CE

QUESTION 7

Which statement is true concerning SSL termination?

A. A virtual server that has both ClientSSL and ServerSSL profiles can still support cookie persistence.

B. Decrypting traffic at the BIG-IP allows the use of iRules for traffic management, but increases the load on the pool member.

C. When any virtual server uses a ClientSSL profile, all SSL traffic sent to the BIG-IP is decrypted before it is forwarded

to servers.

D. If a virtual server has both a ClientSSL and ServerSSL profile, the pool members have less SSL processing than if the virtual server had only a ClientSSL profile

Correct Answer: A

QUESTION 8

A virtual server is defined per the charts. The last five client connections were to members C, D, A, B, B. Given the conditions shown in the above graphic, if a client with IP address 205.12.45.52 opens a connection to the virtual server, which member will be used for the connection?

VS_Web_Pool Settings		Web_Pool Parameters	
Destination:	10.10.20.100:80	Load Balancing	Least Connections
Profiles:	TCP, HTTP	Priority Group Activation:	Less Than 2
iRules:	None	Monitor:	Custom_HTTP
Default Pool:	Web_Pool		
Persistence:	None		

Web_Pool Member Statistics and Settings					
Member	Member Ratio	Member Priority	Outstanding Requests	Current Connections	Status
A: 172.16.20.1:80	3	5	4	56	Unavailable
B: 172.16.20.2:80	3	4	4	42	Available
C: 172.16.20.3:80	3	5	4	54	Unavailable
D: 172.16.20.4:80	1	3	1	22	Available
E: 172.16.20.5:80	1	1	1	18	Available

A. 172.16.20.1:80

B. 172.16.20.2:80

C. 172.16.20.3:80

D. 172.16.20.4:80

E. 172.16.20.5:80

Correct Answer: D

QUESTION 9

A site needs to terminate client HTTPS traffic at the BIG-IP and forward that traffic unencrypted. Which two are profile types that must be associated with such a virtual server? (Choose two.)

A. TCP

B. HTTP

C. HTTPS

D. ClientSSL

E. ServerSSL

Correct Answer: AD

QUESTION 10

When initially configuring the BIG-IP system using the config utility, which two parameters can be set? (Choose two.)

A. the netmask of the SCCP

B. the IP address of the SCCP

C. the port lockdown settings for the SCCP

D. the netmask of the host via the management port

E. the IP address of the host via the management port

F. the port lockdown settings for the host via the management port

Correct Answer: DE

QUESTION 11

Which process or system can be monitored by the BIG-IP system and used as a fail-over trigger in a redundant pair configuration?

A. bandwidth utilization

B. duplicate IP address

C. CPU utilization percentage

D. VLAN communication ability

Correct Answer: D

QUESTION 12

Which event is always triggered when a client initially connects to a virtual server configured with an HTTP profile?

A. HTTP_DATA

B. CLIENT_DATA

C. HTTP_REQUEST

D. CLIENT_ACCEPTED

Correct Answer: D