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.

Answer: A

QUESTION 2
The current status of a given pool is offline (red). Which condition could explain that state? Assume the descriptions below include all monitors assigned for each scenario.

A. No monitors are currently assigned to any pool, member or node.
B. The pool has a monitor assigned to it, and none of the pool members passed the test.
C. The pool has a monitor assigned to it, and only some of the pool's members passed the test.
D. A monitor is assigned to all nodes and all nodes have passed the test. The pool's members have no specific monitor assigned to them.

Answer: B

QUESTION 3
You need to terminate client SSL traffic at the BIG-IP and also to persist client traffic to the same pool member based on a BIG-IP supplied cookie. Which four are profiles that would normally be included in the virtual server's definition? (Choose four.)

A. TCP
B. HTTP
C. HTTPS
D. ClientSSL
E. ServerSSL
F. Cookie-Based Persistence

Answer: ABDF

QUESTION 4
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

Answer: AD

QUESTION 5
Which three statements describe a characteristic of profiles? (Choose three.)

A. Default profiles cannot be created or deleted.
B. Custom profiles are always based on a parent profile.
C. A profile can be a child of one profile and a parent of another.
D. All changes to parent profiles are propagated to their child profiles.
E. While most virtual servers have at least one profile associated with them, it is not required.

Answer: ABC

QUESTION 6
A virtual server is defined using a source-address based persistence profile. The last five connections were A, B, C, A, C. Given the conditions shown in the 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?

All entries for the one virtual server and pool

Persistence Values	Member	Age (Seconds)
200.10.0.0	10.10.20.1:80	63
201.12.0.0	10.10.20.3:80	43
153.15.0.0	10.10.20.2:80	76
205.12.0.0	10.10.20.4:80	300
195.64.0.0	10.10.20.3:80	22
198.22.0.0	10.10.20.5:80	176
214.77.0.0	10.10.20.1:80	43

Web_Pool Statistics

Member	Member Ratio	Member Priority	Outstanding Layer 7 Requests	Connection Count	Status
A: 10.10.20.1:80	3	5	6	18	Available
B: 10.10.20.2:80	3	5	6	12	Available
C: 10.10.20.3:80	3	5	12	5	Disabled
D: 10.10.20.4:80	1	1	8	19	Offline
E: 10.10.20.5:80	1	1	4	9	Available

Virtual Server, Pool and Persistence Profile Settings

VS_Web_Pool Settings		Web_Pool Settings		Source Persist Settings	
Destination	172.160.22.3:80	Load Balancing	Least Connectons	Mode	Source Address
Profile(s)	TCP	Priority Activation	Less than 2	Netmask	255.255.0.0
Pool	Web_Pool	Montitor	Done	Timeout	360 seconds
iRules	None				
Persistence	Source_Persist				

A. 10.10.20.1:80
B. 10.10.20.2:80
C. 10.10.20.3:80
D. 10.10.20.4:80
E. 10.10.20.5:80

Answer: B

QUESTION 7
How is persistence configured?

A. Persistence is an option within each pool's definition.
B. Persistence is a profile type; an appropriate profile is created and associated with virtual server.
C. Persistence is a global setting; once enabled, load-balancing choices are super-ceded by the persistence method that is specified.
D. Persistence is an option for each pool member. When a pool is defined, each member's definition includes the option for persistence.

Answer: B

QUESTION 8
Which cookie persistence method requires the fewest configuration changes on the web servers to be implemented correctly?

A. insert
B. rewrite
C. passive
D. session

Answer: A

QUESTION 9
Which statement is true concerning cookie persistence?

A. Cookie persistence allows persistence independent of IP addresses.
B. Cookie persistence allows persistence even if the data are encrypted from client to pool member.
C. Cookie persistence uses a cookie that stores the virtual server, pool name, and member IP address in clear text.
D. If a client's browser accepts cookies, cookie persistence will always cause a cookie to be written to the client's file system.

Answer: A

QUESTION 10
Assume a virtual server has a ServerSSL profile. What SSL certificates are required on the pool members?

A. No SSL certificates are required on the pool members.
B. The pool members' SSL certificates must only exist.
C. The pool members' SSL certificates must be issued from a certificate authority.
D. The pool members' SSL certificates must be created within the company hosting the BIG-IPs.

Answer: B

QUESTION 11
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.

Answer: D

QUESTION 12
When configuring a Virtual Server to use an iRule with an HTTP_REQUEST event, which list
includes the required steps in a proper order to create all necessary objects?

A. create profiles, create the iRule, create required pools, create the Virtual Server
B. create the Virtual Server, create required pools, create the iRule, edit the Virtual Server
C. create a custom HTTP profile, create required pools, create the Virtual Server, create the
iRule
D. create required pools, create a custom HTTP profile, create the iRule, create the Virtual
Server

Answer: B

QUESTION 13
Which statement is true concerning a functional iRule?

A. iRules use a proprietary syntax language.
B. iRules must contain at least one event declaration.
C. iRules must contain at least one conditional statement.
D. iRules must contain at least one pool assignment statement.

Answer: B

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