

F50-531^{Q&As}

BIG-IP v10.x LTM Essentials V10.x

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QUESTION 1

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 2

A virtual server at 10.10.1.100:80 has the rule listed below applied. When HTTP_REQUEST { if {[HTTP::uri] ends_with "htm" } { pool pool1 } elseif {[HTTP::uri] ends_with "xt" } { pool pool2 } If a user connects to http://10.10.1.100/foo.txt which pool will receive the request?

- A. pool1
- B. pool2
- C. None. The request will be dropped.
- D. Unknown. The pool cannot be determined from the information provided.

Correct 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

Correct Answer: ABDF

QUESTION 4

A virtual server is listening at 10.10.1.100:80 and has the following iRule associated with it: when HTTP_REQUEST { if {[HTTP::uri] ends_with "txt" } { pool pool1 } elseif {[HTTP::uri] ends_with "php" } { pool pool2 } If a user connects to http://10.10.1.100/foo.html, which pool will receive the request?

- A. pool1
- B. pool2
- C. None. The request will be dropped.
- D. Unknown. The pool cannot be determined from the information provided.

Correct Answer: D

QUESTION 5

Assume the bigd daemon fails on the active system. Which three are possible results? (Choose three.)

- A. The active system will restart the bigd daemon and continue in active mode.
- B. The active system will restart the tmm daemon and continue in active mode.
- C. The active system will reboot and the standby system will go into active mode.
- D. The active system will fail-over and the standby system will go into active mode.
- E. The active system will continue in active mode but gather member and node state information from the standby system.

Correct Answer: ACD

QUESTION 6

A virtual server is listening at 10.10.1.100:80 and has the following iRule associated with it: when HTTP_REQUEST { if { [HTTP::header User-Agent] contains "MSIE" } { pool MSIE_pool } else { pool Mozilla_pool } If a user connects to http://10.10.1.100/foo.html and their browser does not specify a User-Agent, which pool will receive the request?

- A. MSIE_pool
- B. Mozilla_pool
- C. None. The request will be dropped.
- D. Unknown. The pool cannot be determined from the information provided.

Correct Answer: B

QUESTION 7

A site wishes to perform source address translation on packets arriving from the Internet for clients using some pools but not others. The determination is not based on the client's IP address, but on the pool they are load balanced to. What could best accomplish this goal?

- A. A SNAT for all addresses could be defined, and then disable the SNAT processing for select pools.
- B. The decision to perform source address translation is always based on VLAN. Thus, the goal cannot be achieved.
- C. For each virtual server, regardless their default load balancing pools, association with SNAT pools could vary dependent upon need.
- D. The decision to perform source address translation is always based on a client's address (or network). Thus, this goal cannot be achieved.

Correct Answer: A

QUESTION 8

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.

Correct Answer: A

QUESTION 9

What is the purpose of provisioning?

- A. Provisioning allows modules that are not licensed to be fully tested.
- B. Provisioning allows modules that are licensed be granted appropriate resource levels.
- C. Provisioning allows the administrator to activate modules in non-standard combinations.
- D. Provisioning allows the administrator to see what modules are licensed, but no user action is ever required.

Correct Answer: B

QUESTION 10

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	
iRules:	None	Activation:	Less Than 2
Default Pool:	Web_Pool	Monitor:	Custom_HTTP
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 11

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

Correct Answer: B

QUESTION 12

A site wishes to perform source address translation on packets from some clients but not others. The determination is not based on the client's IP address, but on the virtual servers their packets arrive on. What could best accomplish this

goal?

- A. A SNAT for all addresses could be defined, and then disable the SNAT processing for select VLANs.
- B. Some virtual servers could be associated with SNAT pools and others not associated with SNAT pools.
- C. The decision to perform source address translation is always based on VLAN. Thus, the goal cannot be achieved.
- D. The decision to perform source address translation is always based on a client's address (or network). Thus, this goal cannot be achieved.

Correct Answer: B

QUESTION 13

Which parameters are set to the same value when a pair of BIG-IP devices are synchronized?

- A. host names
- B. system clocks
- C. profile definitions
- D. VLAN fail-safe settings
- E. MAC masquerade addresses

Correct Answer: C

QUESTION 14

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 80 } { pool pool1 } elseif {[TCP::local_port] equals 443 } { pool pool2 } } If a user connects to 10.10.1.100 and port 22, which pool will receive the request?

- A. pool1
- B. pool2
- C. None. The request will be dropped.
- D. Unknown. The pool cannot be determined from the information provided.

Correct Answer: D

QUESTION 15

Which two statements are true about SNATs? (Choose two.)

- A. SNATs are enabled on all VLANs, by default.

- B. SNAT's can be configured within a Profile definition.
- C. SNAT's can be configured within a Virtual Server definition.
- D. SNAT's are enabled only on the VLAN where origin traffic arrives, by default

Correct Answer: AC

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