

**Exam : F5-Networks F50-521**

**Title : F5 BIG-IP V9.4 LTM  
Essentials**

**Version : Demo**

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1. Where is the load-balancing mode specified?

- A. within the pool definition
- B. within the node definition
- C. within the virtual server definition
- D. within the pool member definition

**Answer: A**

2. Assume a virtual server has a ServerSSL profile. What SSL certificates are required on the BIG-IP?

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

**Answer: A**

3. The incoming client's IP address is 205.12.45.52. The last five connections have been sent to members C,D,A,B,B.

Given the virtual server and pool definitions and the statistics shown in the exhibit, which member will be used for the next connection?

VS Web Pool Settings		Web Pool Settings	
<b>Destination:</b>	172.160.22.3:80	<b>Load Balancing:</b>	Observed
<b>Profile(s):</b>	TCP	<b>Priority Group Activation:</b>	Less than 3
<b>Pool(s):</b>	Web_Pool	<b>Pool Monitor</b>	None
<b>iRule(s):</b>	None		
<b>Persistence:</b>	None		

Web Pool Statistics					
Member	Member Ratio	Member Priority	Response Time	Current Connections	Status
A: 10.10.20.1:80	3	5	4 ms	45	Unknown
B: 10.10.20.2:80	3	5	3 ms	44	Unknown
C: 10.10.20.3:80	3	5	3 ms	30	Offline
D: 10.10.20.4:80	1	1	2 ms	10	Unknown
E: 10.10.20.5:80	1	1	3 ms	12	Unknown

- 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: D**

4. When upgrading a BIG-IP redundant pair, what happens when one system has been updated but the other has not?

- A. Synching should not be performed.
- B. The first system to be updated will assume the Active role.
- C. This is not possible since both systems are updated simultaneously.
- D. The older system will issue SNMP traps indicating a communication error with the partner.

**Answer: A**

5. Assume a client's traffic is being processed only by a NAT; no SNAT or virtual server processing takes place. Also assume that the NAT definition specifies a NAT address and an origin address while all other settings are left at their defaults. If a client were to initiate traffic to the NAT address, what changes, if any, would take place when the BIG-IP processes such packets?

- A. The source address would not change, but the destination address would be translated to the origin address.
- B. The destination address would not change, but the source address would be translated to the origin address.
- C. The source address would not change, but the destination address would be translated to the NAT's address.
- D. The destination address would not change, but the source address would be translated to the NAT's address.

**Answer: A**

6. 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

**Answer: A**

7. 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.

**Answer: B**

8. Assume a BIG-IP has no NATs or SNATs configured. Which two scenarios are possible when client traffic arrives on a BIG-IP that is NOT destined to a self-IP? (Choose two.)

A. If the destination of the traffic does not match a virtual server, the traffic will be discarded.

B. If the destination of the traffic does not match a virtual server, the traffic will be forwarded based on routing tables.

C. If the destination of the traffic matches a virtual server, the traffic will be processed per the virtual servers definition.

D. If the destination of the traffic matches a virtual server, the traffic will be forwarded, but it cannot be load-balanced since no SNAT has been configured.

**Answer: AC**

9. If a client's browser does not accept cookies, what occurs when the client connects to a virtual server using cookie persistence?

A. The connection request is not processed.

- B. The connection request is sent to an apology server.
- C. The connection request is load-balanced to an available pool member.
- D. The connection request is refused and the client is sent a "server not available" message.

**Answer: C**

10. Assuming other fail-over settings are at their default state, what would occur if the fail-over cable were to be disconnected for five seconds and then reconnected?

- A. As long as network communication is not lost, no change will occur.
- B. Nothing. Fail-over due to loss of voltage will not occur if the voltage is lost for less than ten seconds.
- C. When the cable is disconnected, both systems will become active. When the voltage is restored, unit two will revert to standby mode.
- D. When the cable is disconnected, both systems will become active. When the voltage is restored, both systems will maintain active mode.

**Answer: C**

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