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101^{Q&As}

Application Delivery Fundamentals

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QUESTION 1

An LTM has the 3 virtual servers, 2 SNATs, four self IP addresses defined and the networks shown in the graphic below. Selected options for each object are shown below. Settings not shown are at their defaults. Assume port exhaustion has not been reached.

```
VirtualServer1
Destination: 10.10.2.102:80 netmask 255.255.255.255
Pool: Pool with 3 members in the 172.16/16 network SNAT Automap
configured

VirtualServer2
Destination: 10.10.2.|102:* netmask 255.255.255.255
Pool: Pool with 3 members in the 192.168/16 network

VirtualServer3
Destination: 10.10.2.0:80 netmask 255.255.255.0
Type: IP Forwarding
SNATI Source IP: 10.10.0.0 netmask 255.255.0.0
SNATAddress: SNAT Pool with 2 members 172.16.20.50 and 192.168.10.50
SNAT2
Source IP: All Addresses
SNAT Address: 10.10.2.102 Floating Self IPs 192.168.1.1; 172.16.1.1;
10.10.2.1; 10.10.1.1
```
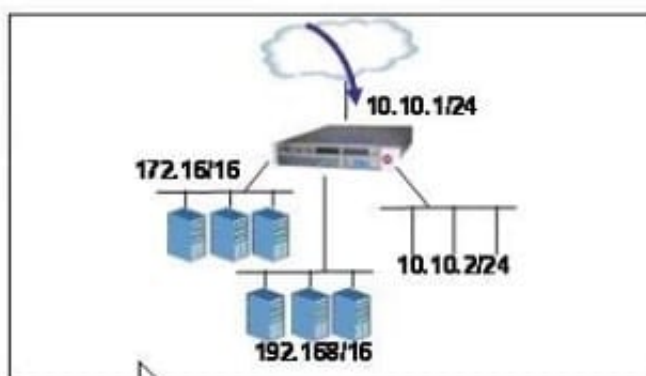
A connection attempt is made with a source IP and port of 10.20.10.50:2222 and a destination IP and port of 10.10.2.102:80. When the request is processed, what will be the source and destination IP addresses?

A. Source IP: 10.20.10.50; Destination IP: pool member in the 172.16/16 network

B. Source IP: 172316.20.50; Destination IP: pool member in the 182.16/16 network

C. Source IP: 192.168.1.1; Destination IP: pool member in the 192.168/16 network

D. The request will be dropped.

E. Source IP: 10.20.10.50; Destination IP: pool member in the 192.168/16 network

F. Source IP: 182.16.1.1; Destination IP: pool member in the 172316/16 network

G. Source IP: 192.168.10.50; Destination IP: pool member in the 192.168/16 network

H. Source IP:192.168.10.50; Destination IP: pool member in the 192.168./16 network

Correct Answer: F

QUESTION 2

To share device information with F5 technical support, a customer must either verbally share the information over the phone or copy and send the information in an Email.

A. True

B. False

Correct Answer: B

QUESTION 3

Which of the following is NOT a method that TMOS uses to improve the performance of applications?

A. Caching HTTP data

B. Optimizing the TCP connection between the client and the BIG-IP device

C. Offloading SSL decryption from downstream servers

D. Discarding unnecessary data from server responses before sending to the client

E. Compressing HTTP data

Correct Answer: D

QUESTION 4

In which scenario is a packet forwarding architecture required?

A. when HTTP header must be modified

B. when cookie persistency is demanded

C. when the server responds directly to the client

D. when the number of TCP connections on the server should be reduced

Correct Answer: C

QUESTION 5

Which of the following is a benefit of using iRules?

A. They provide a secure connection between a client and LTM

B. They enable granular control of traffic

C. They can be used as templates for creating new applications

D. They can use Active Directory to authenticate and authorize users

E. They provide an automated way to create LTM objects

Correct Answer: B