

301A^{Q&As}

BIG-IP LTM Specialist: Architect, Set up, Deploy

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QUESTION 1

Traffic to a pool of SFTP servers that share storage must be balanced by an LTM device. What are the required profile and persistence settings for a standard virtual server?

- A. tcp, clientsst, ftp serverssl persistence
- B. tcp, clientssl, serverssl persistence
- C. tcp, ftp - Source address persistence
- D. tcp - no persistence profile will be used

Correct Answer: C

QUESTION 2

A virtual server is using a TCP profile based on the top-wan-optimized profile for a streaming application

Users report videos are loading slowly.

Which setting should be modified in the TCP profile to optimize the application?

- A. Disable Slow Start
- B. Disable Selective ACKs
- C. Disable Nagle's Algorithm
- D. Disable Reset on Timeout

Correct Answer: A

QUESTION 3

Refer to the exhibit.



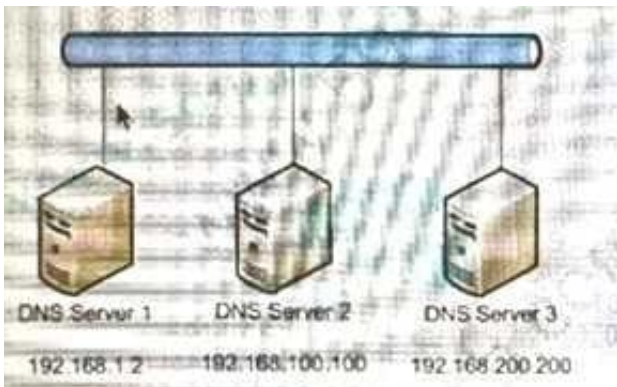
An LTM Specialist has multiple SNAT and virtual server objects configured as in the bigip.conf shown. The LTM Specialist tests a connection from a client with IP 172.163.31.11 to 192.168.0.100:80. Which two objects will show an increase in Local Traffic statistics connections?

- A. VS_AandSNAT_B
- B. VS_BandSNAT_B
- C. VS_B and SNAT A
- D. VS_A and SNAT A

Correct Answer: A

QUESTION 4

Exhibit.



The server team has recently configured the three new DNS servers shown for the data center. No current DNS servers are currently configured on the LTM device. Which command should be used to configure the LTM device to use the

new DNS servers?

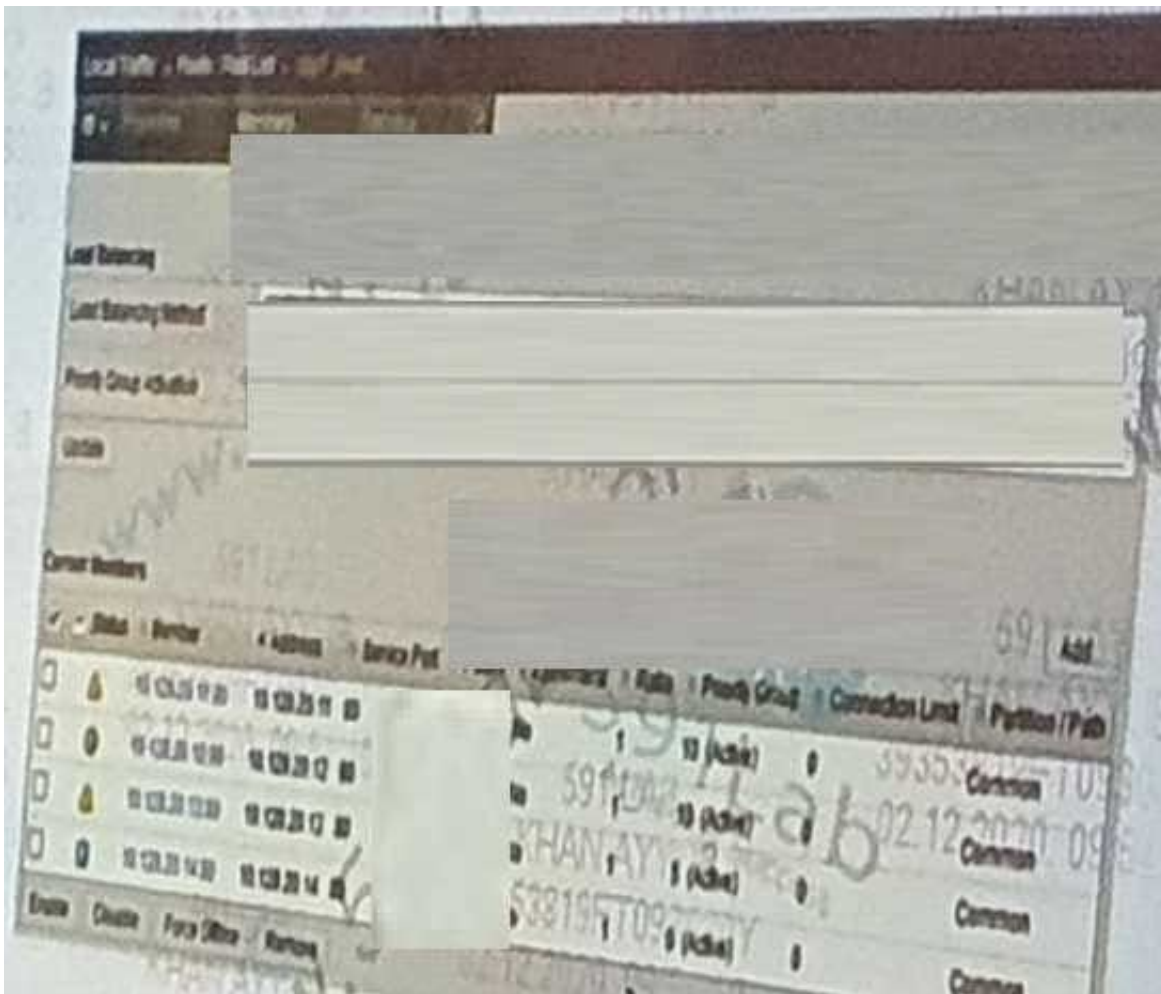
- A. tmsh create/sysdns name-servers add {192.168.1.2.192.168.100.100.192.168.200.200}
- B. tmsh change /sysdns name-servers add {192.168.1.2.192.168.100.100.192.168.200.200}
- C. tmsh modify/sysdns name-servers add {192.168.1.2.192.168.100.100.192.168.200.200}
- D. tmsh set/sysdns name-servers add {192.168.2.192.168.100.100.192.168.200.200}

Correct Answer: C

Modify the configuration with modify, and create the configuration with create. Excluding B and D, and the question is to modify the DNS pointer of E5 itself the need to use is modify.

QUESTION 5

Refer to the Exhibit.



An LTM Specialist notices that two members in a pool are overloaded. To relieve the existing members a fourth member (10.128.20.14) is brought up.

How many member will receive and process new connections?

- A. 4
- B. 3
- C. 2
- D. 1

Correct Answer: C

QUESTION 6

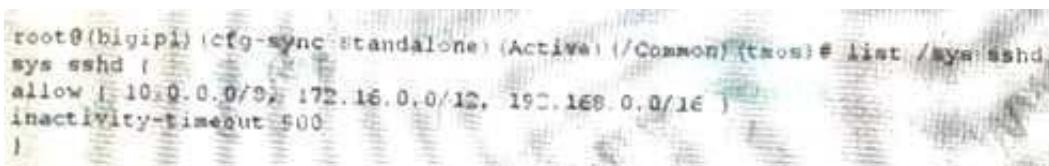
An LTM device is experiencing a high volume of traffic. The virtual server is struggling under the load. The problem appears to be on the server side connections. The virtual server is accepting connections . The virtual server is accepting connections on https and is configured with an SSL profile and http pool. What should be added to increase the performance of the device?

- A. an HTTP Compression profile
- B. a One Connect profile
- C. smaller key to the SSL profile
- D. a SPDY profile

Correct Answer: B

QUESTION 7

An LTM Specialist has detected that a brute force login attack is occurring against the SSH service via a BIG-IP management interface. Login attempts are occurring from many IPs within the internal company network. BIG-IP SSH access restrictions are in place as follows:



```
root@bigip1 (cfg-sync standalone) (Active) (/Common) (tmsh)# list /sys:sshd
sys sshd {
  allow { 10.0.0.0/8, 172.16.0.0/12, 192.168.0.0/16 }
  inactivity-timeout 600
}
```

The LTM Specialist has determined that SSH access should only occur from the 192.168.1.0/24 and 172.16.254.0/23 networks.

Which tmsh command should the LTM Specialist use to permit access from the desired networks only?

- A. modify.sys sshd allow add {\\"192.168. 10/24 , \\\\"172. 16 2540/23\\\"}
- B. modify /sys sshd login disable (\\\"10.0.00/8\\\", \\\"172 16.0 0/12\\\", \\\"192. 168.0.0/16\\\")
- C. modify/sys allow replace-all-with {\\"192.168.1.00/24\\\", \\\"192.16.254.0/23\\\"}

D. modify/sys sshd login enable {\ \ \ 192.166.10/24 \ \ \ \ \ \ \ \ \ \ 172.16 254 0/23

Correct Answer: C

Select C to overwrite the existing network \ \ s allow configuration over the specified network segment.

QUESTION 8

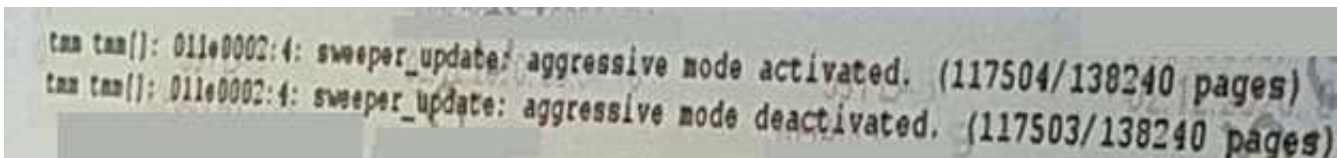
What should an LTM Specialist configure on an LTM device to send AVR notification emails?

- A. Email notification to be sent via iControl from the LTM device
- B. Syslog on the LTM device to send to an SMTP server
- C. Custom SNMP traps on the LTM device for AVR notifications
- D. Email notification to be sent via SMTP from the LTM device

Correct Answer: D

QUESTION 9

AN LTM Specialist receives reports that an external company application is having reliability issues. The F5 Administrator finds the following in /vat/log/ltn file.



The LTM Specialist determines that the F5 LTM device is entering into Aggressive Mode Adaptive Reaping, which is causing the site reliability issues. What is the most likely reason that the LTM device has entered into Aggressive Mode Adaptive Reaping?

- A. The LTM device exceeds licensed traffic limits.
- B. The site has too many licensed modules.
- C. The LTM device has not provisioned AVR.
- D. The site is under DDOS attack

Correct Answer: D

QUESTION 10

Where does a LTM Specialist view all of the objects that are part of a deployed iApp?

- A. iAPP> Application Policy > Objects

B. Local Traffic . Virtual Servers > Applications

C. IAP > Application Service > Components

D. Local Traffic > Network Map > View Map

Correct Answer: C

QUESTION 11

An LTM Specialist needs to assign a health monitor to a pool with two pool members 10.10.10.101 and

10.10.10.102 Both pool members are listening on port 8080 with TCP. The health of the application depends on the health of another server (10.10.10.100) that runs port 9080 with TCP. Which two custom TCP monitors should be selected as the pool's health monitors? (Choose two)

A. a custom TCP monitor that works on port 9080 with 10.10.10.100 as alias address

B. a custom TCP monitor that works on port 9080,

C. a custom TCP monitor that works on port 8080

D. a custom TCP monitor that works on port 9080 with 10.10.10.101 as alias address

E. a custom TCP monitor that works on port 8080 with 10.10.10.101 as alias address

F. a custom TCP monitor that works on port 8080 with 10.10.10.102 as alias address

Correct Answer: AC

QUESTION 12

An LTM Specialist to configure a backend server to be disabled if it takes longer than 30 seconds to respond to a request.

Which values should the LTM Specialist enter for interval and timeout?

A. Interval 10, timeout 30

B. Interval 10, timeout 31

C. Interval 30, timeout 30

D. Interval 30, timeout 91

Correct Answer: B

The official recommendation is that timeout 3 times the interval value +1.

QUESTION 13

An LTM device receives a response string containing "error" Which monitor type and parameter will mark the HTTP server as down?

- A. HTTP monitor, Receive String "error", and set the Reverse option to Yes
- B. HTTP monitor and Receive String "error\\\\" ... flag is up
- C. HTTP monitor. Receive String "down", and set the Reverse option to Yes flag is
- D. HTTP monitor and Receive Disable String "error\\\\" flag is disable

Correct Answer: A

QUESTION 14

Which process can be eliminated by terminating SSL communication on the LTM device rather than the backend pool members?

- A. generating CSRS
- B. obtaining SSL certificates from a certificate authority
- C. administering SSL on the web servers
- D. applying security patches on the backend pool members

Correct Answer: C

QUESTION 15

An TLM Specialist has an Exchange that must use the LTM device to route traffic to the internet. Which SNAT/NAT configure allows the Exchange server\'s traffic access the internet through the LTM device?

- A. NAT
- B. SNAT Pool
- C. SNAT List
- D. SNAT Automap

Correct Answer: C

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