

# 301A<sup>Q&As</sup>

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

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**QUESTION 1**

A web server's default gateway is the network router. The LTM Specialist needs to introduce an LTM device to load balance to the web servers without changing the server's default gateway. Which deployment method and settings should the LTM Specialist use to ensure correct traffic flow and that the web servers can obtain the actual con IP addresses?

- A. route deployment with Automap configured and X-Forwarded-For inserted in HTTP headers
- B. route deployment without SNAT configuration
- C. SNAT deployment with automap configured and X-Forwarded-For inserted in HTTP headers
- D. SNAT deployment with automap configured

Correct Answer: C

**QUESTION 2**

A web server is being overloaded with HTTPS traffic. To decrease the load on the server, the LTM Specialist and the Server Administrator decide to perform SSL offloading on the LTM device. The configuration of the virtual server is as follows:

```
ltn virtual example.com_vs {
  destination 10.10.10.1:https
  ip-protocol tcp
  mask 255.255.255.255
  pool webserver_pool
  profiles {
  }
  clientside {
  }
  context clientside
}
http {
  serverssl {
  }
  context serverside
}
tcp {
}
source 0.0.0.0/0
vs-index 12
}
```

Which change must be made to the configuration to perform SSL offloading?

- A. Remove the clientssl and http profiles
- B. Remove the clients profile
- C. Remove the clientssl and serverssl profiles
- D. Remove the serverssl profile

Correct Answer: D

### QUESTION 3

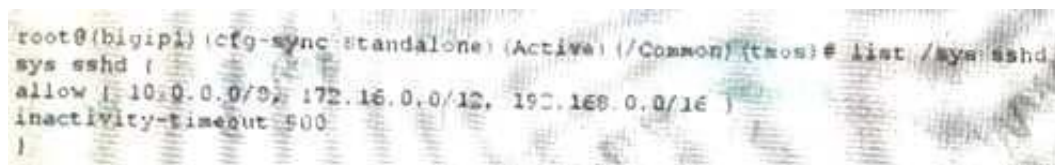
An LTM Specialist needs to provide access to a BIG-IP device for a company's support person access to the BIG-IP device, but are NOT allowed to change any settings. All support have accounts in the company's Active Directory. Which method is appropriate to provide access for the support personnel to the BIG-IP device?

- A. configure remote authentication for all users with a default user role of Guest
- B. configure remote authentication and map support personnel users to the Guest user role
- C. configure remote authentication and map support personnel users to the Operator user role
- D. configure remote authentication for all users with a default user role of Operator

Correct Answer: B

### QUESTION 4

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 300
}
```

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 , 172.16.254/23}
- B. modify /sys sshd login disable (10.0.0/8, 172.16.0/12, 192.168.0/16)
- C. modify /sys allow replace-all-with {192.168.1.0/24, 172.16.254.0/23}
- D. modify /sys sshd login enable {192.168.10/24, 172.16.254.0/23}

Correct Answer: C

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

**QUESTION 5**

Exhibit.



The LTM devices LTM1 and LTM2 are configured in a Device Group (Sync Failover) with Network Failover configured on both the management and HA and Internal VLANs. and ConfigSync is configured in a Device Group (Sync Failover) with Network Failover and internal are tagged on a single trunk with subnets Connection Mirroring is configured on both the HA interface directly connected between LTM1 and LTM2, and the management interface is connected to a management switch. The LTM devices have four Traffic Groups defined, and both LTM devices are healthy and capable of passing traffic for any of the Traffic Groups. An LTM Specialist disconnects the cable for the HA network in an effort to test failover. Which HA functionality works in this case?

- A. ConfigSync does NOT work. Connection Mirroring does NOT work.
- B. ConfigSync works Connection Mirroring works
- C. ConfigSync works. Connection Mirroring does NOT work
- D. ConfigSync does NOT work; Connection Mirroring works

Correct Answer: D

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