

301A^{Q&As}

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

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QUESTION 1

An LTM Administrator receives an email from the NOC stating that the switch connected to the backend server was shut down for maintenance. The BIG-IP device handles only UDP traffic. The BIG-IP device did not fail over to a DR location when no pool members were available. When the LTM Administrator checks the pool, it confirms that the monitor is still marking UP the pool member. A tcpdump of the traffic shows the following output:

```
[root@bigip1 Active Standalone] config # tcpdump -i eth0 host 10.50.0.1
tcpdump: verbose output suppressed, use -v or -vv for full protocol decode
listening on eth0, link-type EN10MB (Ethernet), capture size 98 bytes
02:00:16.000000 IP 10.10.0.254.48400 > 10.50.0.1:26000: UDP, length 5
02:00:46.000000 IP 10.10.0.254.52200 > 10.50.0.1:26000: UDP, length 5
02:01:16.000000 IP 10.10.0.254.55050 > 10.50.0.1:26000: UDP, length 5
02:01:46.000000 IP 10.10.0.254.36742 > 10.50.0.1:26000: UDP, length 5
```

A list of the monitor configuration shows the following:

```
root@bigip1(cfg-sync Standalone)(Active)(Common)(tmoss) # list /tm monitor udp game all-properties
tm monitor udp game {
  app-service none
  debug no
  defaults-from udp
  description none
  destination **
  interval 30
  manual-resume disabled
  partition Common
  recv none
  recv-disable none
  reverse disabled
  send QUAKE
  time-until-up 0

  transparent disabled
  up-interval 0
}
```

Which two modifications to the LTM configuration will mark this pool member down, when the switch is down? (Choose two.)

- A. increase the timeout to three times the interval
- B. add a reverse string to the game monitor
- C. enable reverse and wait for the next connection
- D. also assign a gatewayicmp monitor to the pool
- E. enable manual-resume on the same monitor

Correct Answer: BD

QUESTION 2

A Client makes the request displayed below to the application server. Which virtual server type should an LTM Specialist use to load balance based on the URL? .

- A. Forwarding (Layer 2)
- B. Stateless
- C. Standard
- D. Performance (Layer 4)

Correct Answer: C

QUESTION 3

A design requires the LTM device to become HA standby when the one of the two physical interface on the External trunk is down the External trunk is an interface on the External VLAN Which TMOS command enables this behavior?

- A. tmsh modify net van External failsafe enabled
- B. tmsh create sys ha-group External trunks add Externally
- C. tmsh create sys ha-group External trunks add External threshold 2 weight 101)
- D. tmsh create sys ha-group External trunks add (External(attribute percent up-members 100))

Correct Answer: C

QUESTION 4

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:

```
ltm virtual example.com_vs {
  destination 10.10.10.1:https
  ip-protocol tcp
  mask 255.255.255.255
  pool webserver_pool
  profiles {
    clientssl
  }
  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 5

An LTM Specialist must reconfigure a BIG-IP LTM system that load balances traffic to web application servers. The application developer inform the LTM Specialist that TLS must be used to communicate with the application servers.

Which additional profile is required as part of virtual server configuration?

- A. SPDV profile
- B. Server SSL
- C. Client SSL

D. Rewrite profile

Correct Answer: B

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