



F5 Networks 301a Practice Questions

Shared by Newman on 09-10-2026

For More Free Questions and Preparation Resources

Check the Links on Last Page



Question 1

Question Type: MultipleChoice

An LTM Specialist needs to create two virtual servers.

The application has links for both HTTP and HTTPS version of application. The client must be persistence to a pool member, no matter which virtual server is accessed.

What must be selected in the Source Address Affinity persistence profile?

Options:

- A- Match across Virtual Servers
- B- Match across Pool Members
- C- Match across Services
- D- Match across Polls

Answer:

A

Question 2

Question Type: MultipleChoice

An application is expected to maintain more than 100,000 concurrent TCP connections to a single pool member.

What is an appropriate SNAT configuration in this situation?

Options:

- A- A SNAT pool with 4 IP addresses
- B- SNAT automap enabled
- C- A static SNAT
- D- A SNAT pool with IP address

Explanation

One IP can establish 65,535 connections only the number of snaptit's IP exceeds 100,000. AT least two snaptips are required. Options B, C, and all have only IP, which is obviously not enough

Answer:

A

Question 3

Question Type: MultipleChoice

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?

Options:

- A- SPDV profile
- B- Server SSL
- C- Client SSL
- D- Rewrite profile

Answer:

B

Question 4

Question Type: MultipleChoice

To improve application security, an LTM Specialist must configure a BIG application access. The BIG IP system to authenticate the client certificate before permitting application access. The BIG-IP system must also support the ability to red to redirect users to a certificate enrolment system without generating a browser error.

Within the Client SSL profile, which value should the LTM Specialist select for the Client Certificate option?

Options:

- A- Require

- B- Request
- C- Demand
- D- ignore

Answer:

A

Question 5

Question Type: MultipleChoice

An LTM Specialist observes decreased performance and intermittent connection reap LTM system.

```
ltm pool main_http_pool {
  load-balancing-mode observed-node
  members {
    10.10.0.100:8080 {
      address 10.10.0.100
    }
    10.10.0.101:8080 {
      address 10.10.0.101
    }
    10.10.0.99:8080 {
      address 10.10.0.99
    }
  }
  monitor http
}

ltm profile tcp corp_tcp {
  app-service none
  defaults-from tcp
  idle-timeout 14400
  ltm virtual main_vip_http {
    destination 192.168.3.100:80
    ip-protocol tcp
    mask 255.255.255.255
    profiles {
      http { }
      corp_tcp { }
    }
    pool {
      main_http_pool
    }
    source 0.0.0.0/0
  }
}
```

Based on the configuration, which action will address these issues?

Options:

- A- Use an optimized TCP profile.
- B- Use a FastL4 profile on the virtual server
- C- Use a default caching profile on the virtual server.
- D- Use a shorter idle timeout on the TCP profile.

Answer:

D

Question 6

Question Type: MultipleChoice

An LTM device load balances a pool of routers. The LTM device needs to verify path availability to an HTTP server with the IP address 192.168.10.10, located beyond the routers.

Which monitor type and parameters are required?

Options:

- A- HTTP monitor alias address 192.168.10.10, and set the alias to port 80
- B- TCP monitor, alias address 192.168.10.10, and set the alias to port 80
- C- TCP monitor change transparent option to Yes, set alias address 192.168.10.10, and set the alias to port 80
- D- TCP monitor, change transparent option to Yes, and set the alias to port 80

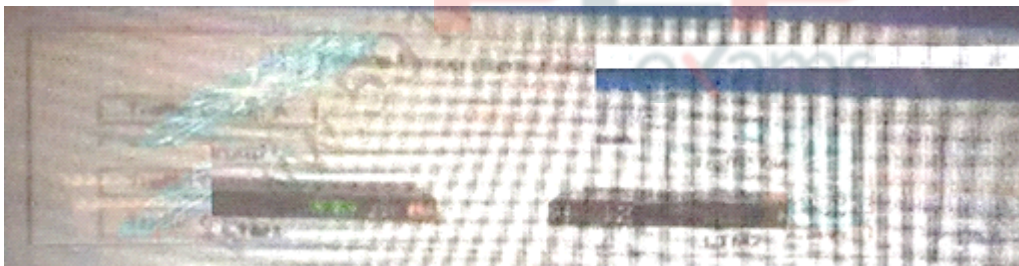
Answer:

C

Question 7

Question Type: MultipleChoice

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?

Options:

- 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

Answer:

D

Question 8

Question Type: MultipleChoice

An LTM Specialist needs to create a pool with a set of monitor that checks both the pool members and corresponding application service ports. The pool members have services on port 80. The application service is on port 8009.

The LTM device should load balance traffic to the pool member when the pool member and corresponding application service pass monitor.

Which monitor and parameter set meets this requirement?

Options:

- A- TCP monitor for port*
Plus a custom TCP monitor with alias port 8009,
And the pool's availability requirements set to the ALL
- B- TCP monitor for port
Plus a custom TCP monitor with alias port 8009,
And the pool's availability requirement set to All
- C- TCP monitor for port*
Plus a custom TCP monitor with alias port 8009
And the pool's availability requirement set to 1.
- D- TCP monitor for port
Plus a custom TCP monitor with alias port 80
And the pool's availability requirement set to ALL

Answer:

A

Question 9

Question Type: MultipleChoice

An LTM device needs to be configured a virtual server. The application requires SSL encryption from the client to the server and an X-Forwarded-For added by the LTM device.

Which virtual server type should the LTM Specialist use?

Options:

- A- Forwarding (IP)
- B- Performance (HTTP)
- C- Standard
- D- Stateless
- E- Performance

Answer:

C

Question 10

Question Type: MultipleChoice

An LTM Specialist configures a new virtual server with a single pool member. The LTM Specialist has NOT defined a health monitor for the pool, pool member or node.

What is the status of the virtual server?

Options:

- A- Available (Enabled)
- B- Offline (Disabled)
- C- Unavailable (Enabled)
- D- Unknown (Enabled)

Answer:

D



To Get Premium Files for 301a Visit

<https://www.p2pexams.com/products/301a>

For More Free Questions Visit

<https://www.p2pexams.com/f5-networks/pdf/301a>

20%
DISCOUNT

P2P
exams