



201^{Q&As}

TMOS Administration

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QUESTION 1

A virtual server is listening at 10.10.1.100:80 and has the following iRule associated with it:

```
when HTTP_REQUEST { if {[HTTP::uri] ends_with "txt" } { pool pool1 } elseif {[HTTP::uri] ends_with "php" } { pool pool2 } }
```

If a user connects to `http://10.10.1.100/foo.html`, which pool will receive the request?

- A. pool1
- B. pool2
- C. None. The request will be dropped.
- D. Unknown. The pool cannot be determined from the information provided.

Correct Answer: D

QUESTION 2

Refer to the exhibit.

```
Color      green
Status     In Sync
Summary
Details
/Common/host1.company.com: connected (for 2548 seconds)
/Common/sync-fail-test (In Sync):
- all 2 devices consistent
/Common/device_trust_group (In Sync):
- all 2 devices consistent
```

Which TMSH command generated this output?

- A. `tmsh list /cm sync-status`
- B. `tmsh show /sys sync-status`
- C. `tmsh list /sys sync-status`
- D. `tmsh show /cm sync status`

Correct Answer: D

QUESTION 3

Refer to the exhibit.



Local Traffic » Monitors » New Monitor...

General Properties

Name	MONITOR_TCP
Description	
Type	TCP Half Open
Parent Monitor	tcp_half_open

Configuration: Advanced

Interval	5 seconds
Up Interval	Disabled
Time Until Up	0 seconds
Timeout	16 seconds
Manual Resume	<input checked="" type="radio"/> Yes <input type="radio"/> No
Transparent	<input type="radio"/> Yes <input checked="" type="radio"/> No
Alias Address	* All Addresses
Alias Service Port	* All Ports

A pool member fails the monitor checks for about 30 minutes and then starts passing the monitor checks. New traffic is Not being sent to the pool member. What is the likely reason for this problem?

- A. The pool member is disabled
- B. Monitor Type is TCP Half Open
- C. Manual resume is enabled
- D. Time Until Up is zero

Correct Answer: C

QUESTION 4

A BIG-IP Administrator is conducting maintenance on one BIG-IP appliance in an HA Pair. Why should the BIG-IP



Administrator put the appliance into FORCED_OFFLINE state?

- A. To preserve existing connections to Virtual Servers and reduce the CPU load
- B. To allow new connections to Virtual Servers and ensure the appliance becomes active
- C. To terminate connections to the management IP and decrease persistent connections
- D. To terminate existing connections to Virtual Servers and prevent the appliance from becoming active

Correct Answer: D

QUESTION 5

A site would like to ensure that a given web server's default page is being served correctly prior to sending it client traffic. They assigned the default HTTP monitor to the pool. What would the member status be if it sent an unexpected response to the GET request.?

- A. The pool member would be marked offline (red).
- B. The pool member would be marked online (green).
- C. The pool member would be marked unknown (blue).
- D. The pool member would alternate between red and green.

Correct Answer: B

QUESTION 6

When can a single virtual server be associated with multiple profiles?

- A. Never. Each virtual server has a maximum of one profile.
- B. Often. Profiles work on different layers and combining profiles is common.
- C. Rarely. One combination, using both the TCP and HTTP profile does occur, but it is the exception.
- D. Unlimited. Profiles can work together in any combination to ensure that all traffic types are supported in a given virtual server.

Correct Answer: B

QUESTION 7

A BIG-IP Administrator is receiving intermittent reports from users that SSL connections to the BIG-IP device are failing. Upon checking the log files, the BIG-IP Administrator notices the following error message:

```
ere tmm[]: 01260008:3: SSL transaction (TPS) rate limit reached
```



After reviewing statistics, the BIG-IP Administrator notices there are a maximum of 1200 client-side SSL TPS and a maximum of 800 server-side SSL TPS.

What is the minimum SSL license limit capacity the BIG-IP Administrator should upgrade to handle this peak?

- A. 2000
- B. 400
- C. 800
- D. 1200

Correct Answer: D

QUESTION 8

A set of servers is used for an FTP application as well as an HTTP website via separate BIG-IP Pools. The server support team reports that some servers are receiving a lot more traffic than others. Which Load Balancing Method should the BIG-IP Administrator apply to even out the connection count?

- A. Ratio (Member)
- B. Least Connections (Member)
- C. Least Connections (Node)
- D. Ratio (Node)

Correct Answer: C

The connection is required to be balanced, and the unit is the server and the application port is the unit, so it is node.

QUESTION 9

Which event is always triggered when a client initially connects to a virtual server configured with an HTTP profile?

- A. HTTP_DATA
- B. CLIENT_DATA
- C. HTTP_REQUEST
- D. CLIENT_ACCEPTED

Correct Answer: D

QUESTION 10



Refer to the exhibit.



How many nodes are represented on the network map shown?

- A. Four
- B. Three
- C. One
- D. Two

Correct Answer: B

QUESTION 11

Assume a BIG-IP has no NATs or SNATs configured. Which two scenarios are possible when client traffic arrives on a BIG-IP that is NOT destined to a self-IP? (Choose two.)

- A. If the destination of the traffic does not match a virtual server, the traffic will be discarded.
- B. If the destination of the traffic does not match a virtual server, the traffic will be forwarded based on routing tables.
- C. If the destination of the traffic matches a virtual server, the traffic will be processed per the virtual server definition.
- D. If the destination of the traffic matches a virtual server, the traffic will be forwarded, but it cannot be loadbalanced since no SNAT has been configured.

Correct Answer: AC

QUESTION 12

Assume a virtual server has a ServerSSL profile. What SSL certificates are required on the pool members?

- A. No SSL certificates are required on the pool members.
- B. The pool members.SSL certificates must only exist.
- C. The pool members.SSL certificates must be issued from a certificate authority.
- D. The pool members.SSL certificates must be created within the company hosting the BIGIPs.



Correct Answer: B

QUESTION 13

Which statement is true concerning cookie persistence?

- A. Cookie persistence allows persistence independent of IP addresses.
- B. Cookie persistence allows persistence even if the data are encrypted from client to pool member.
- C. Cookie persistence uses a cookie that stores the virtual server, pool name, and member IP address in clear text.
- D. If a client's browser accepts cookies, cookie persistence will always cause a cookie to be written to the client's file system.

Correct Answer: A

QUESTION 14

The BIG-IP Administrator generates QKView using tmsh command "qkview -SO". In which directory does the BIG-IP appliance save the QKView?

- A. /etc/tmp
- B. /var/tmp
- C. /shared/qkview
- D. /var /tmp/qkview

Correct Answer: B

QUESTION 15

Refer to the exhibit.



```
root@(v1161) (cfg-sync Standalone) (Active) (/Common) (tmsh) # 1
ltm virtual http
 destination
 ip-protocol
 last-modified
 mask 255.255.255.255
 pool LAMP12
 profiles (
   http (
     mptcp-max
     stream
   )
 source 0.0.0.0
 translate-address
 translate-port
 vs-index 10
)
root@(v1161) (cfg-sync Standalone) (Active) (/Common) (tmsh) # 1
ltm pool LAMP12
 members (
   10.1.20.11:http {
     address 10.1.20.11
     session monit
     state up
   }
   10.1.20.12:http {
     address 10.1.20.12
     session monit
     state up
   }
 )
 monitor tcp
```

A BIG-IP Administrator creates a new Virtual Server. The end user is unable to access the page. During troubleshooting, the administrator learns that the connection between the BIG-IP system and server is NOT set up correctly. What should the administrator do to solve this issue?

- A. Disable Address Translation
- B. Set Address Translation to Auto Map, configure a SNAT pool, and have pool members in the same subnet of the servers
- C. Set Address Translation to SNAT and configure a specific translation address
- D. Set Address Translation to SNAT and have self-IP configured in the same subnet of servers

Correct Answer: C

The status of the pool can be seen that the members are all up, indicating that the network from F5 to the server is no problem, so there is no need to configure selfip on the same subnet. The monitor is normal but the access is not normal, you have to consider the problem of snat, you can configure automap or configure snat and specify snat ip.

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