

# **F5 Networks**

## **201 Exam**

### **TMOS Administration**

### **Questions & Answers (Demo Version – Limited Content)**

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# Version: 4.0

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## Question: 1

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A Virtual Server uses an iRule to send traffic to pool members depending on the URI. The BIG-IP Administrator needs to modify the pool member in the iRule.

Which event declaration does the BIG-IP Administrator need to change to accomplish this?

- A. CLIENT\_ACCEPTED
- B. HTTP\_RESPONSE
- C. HTTP\_REQUEST
- D. SERVER\_CONNECTED

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**Answer: C**

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Explanation:

According to the URI distribution is the category of HTTP requests, need to trigger HTTP\_REQUEST event.

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## Question: 2

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Refer to the exhibit.





A BIG-IP Administrator creates a new Virtual Server to load balance SSH traffic. Users are unable to log on to the servers.

What should the BIG-IP Administrator do to resolve the issue?

- A. Set Protocol to UDP
- B. Set HTTP Profile to None
- C. Set Source Address to 10.1.1.2
- D. Set Destination Addresses/Mask to 0.0.0.0/0

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**Answer: B**

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### Question: 3

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A BIG-IP Administrator uses backend servers to host multiple services per server. There are multiple virtual servers and pools defined, referencing the same backend servers.

Which load balancing algorithm is most appropriate to have an equal number of connections on each backend server?

- A. Least Connections (member)
- B. Least Connections (node)
- C. Predictive (member)
- D. Predictive (node)

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**Answer: B**

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Explanation:

The same set of servers provides multiple services, that is, using different ports to provide different services at the same time. The stem requirement is based on server connection balancing, not server + port, so it is node.

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### Question: 4

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The BIG-IP Administrator needs to perform a BIG-IP device upgrade to the latest version of TMOS. Where can the administrator obtain F5 documentation on upgrade requirements?

- A. AskF5
- B. DevCentral
- C. Bug Tracker

D. iHealth

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**Answer: A**

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**Question: 5**

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A BIG-IP Administrator makes a configuration change to the BIG-IP device. Which file logs the message regarding the configuration change?

- A. /var/log/messages
- B. /var/log/audit
- C. /var/log/user.log
- D. /var/log/secure

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**Answer: B**

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Explanation:

About audit logging

Audit logging is an optional feature that logs messages whenever a BIG-IP® system object, such as a virtual server or a load balancing pool, is configured (that is, created, modified, or deleted). The BIG-IP system logs the messages for these auditing events in the file /var/log/audit

There are three ways that objects can be configured

- By user action
- By system action
- By loading configuration data

Whenever an object is configured in one of these ways, the BIG-IP system logs a message to the audit log

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**Question: 6**

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In the BIG-IP Configuration Utility, a user requests a single screen view to determine the status of all Virtual Servers and associated pool members, as well as any iRules in use. Where should the BIG-IP Administrator instruct the user to find this view?

- A. Local Traffic > Monitors
- B. Local Traffic > Virtual Servers
- C. Local Traffic > Network Map
- D. Statistics

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**Answer: C**

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Explanation:

Network Map can display vs and its associated pool, pool member, and irule, can be retrieved, and can be quickly linked.

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**Question: 7**

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What is the status of a pool member when manual resume is enabled and a health check first fails and then passes?

- A. Offline (Disabled)
- B. Offline (Enabled)
- C. Available (Disabled)
- D. Available (Enabled)

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**Answer: A**

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**Question: 8**

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Some users who connect to a busy Virtual Server have connections reset by the BIG-IP system. Pool member resources are NOT a factor in this behavior. What is a possible cause for this behavior?

- A. The Connection Rate Limit is set too high
- B. The server SSL Profile has NOT been reconfigured.
- C. The Connection Limit is set too low.
- D. The Rewrite Profile has NOT been configured.

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**Answer: C**

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Explanation:

The topic explains that the connection reset behavior is caused by the vs configuration rather than the server resource problem. The answers B C are all configuration at the service forwarding level. If there is a problem with the configuration, it is all a problem rather than some users. Answer C's Connection Limit will cause a reset behavior when the connection reaches the threshold.

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**Question: 9**

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New Syslog servers have been deployed in an organization. The BIG-IP Administrator must reconfigure the BIG-IP system to send log messages to these servers.

In which location in the Configuration Utility can the BIG-IP Administrator make the needed configuration changes to accomplish this?

- A. System > Logs > Configuration
- B. System > Configuration > Local Traffic
- C. System > Logs > Audit
- D. System > Configuration > Device

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**Answer: A**

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**Question: 10**

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A BIG-IP Administrator needs to restore a UCS file to an F5 device using the Configuration Utility. Which section of the Configuration Utility should the BIG-IP Administrator access to perform this task?

- A. Local Traffic > Virtual Servers
- B. Local Traffic > Policies
- C. System > Archives
- D. System > Configuration

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**Answer: C**

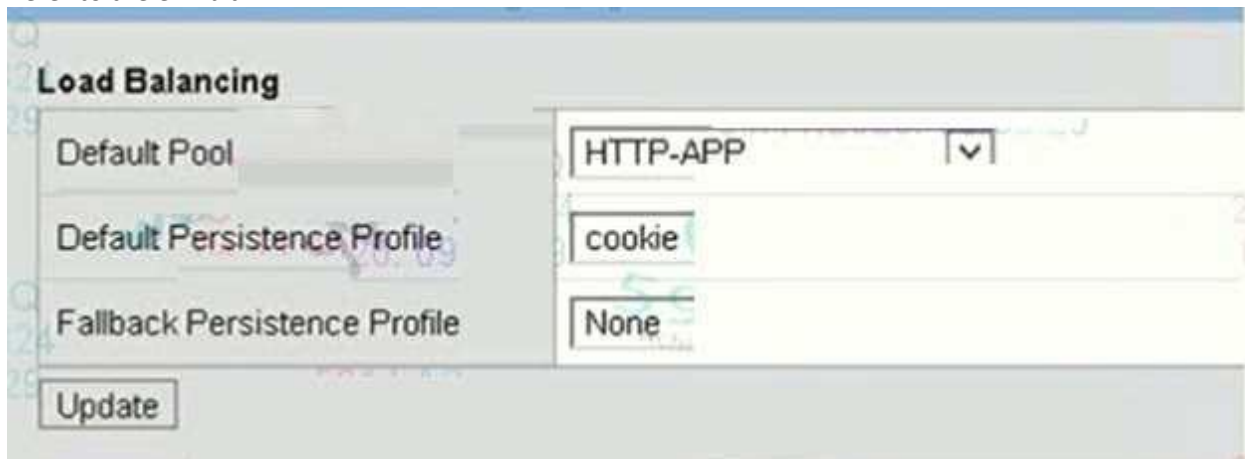
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**Question: 11**

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Refer to the exhibit.



Due to a change in application requirements, a BIG-IP Administrator needs to modify the configuration of a Virtual Server to include a Fallback Persistence Profile. Which persistence profile type should the BIG-IP Administrator use for this purpose?

- A. SSL
- B. Hash
- C. Universal
- D. Source Address Affinity

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**Answer: D**

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**Question: 12**

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A BIG-IP device sends out the following SNMP trap:

big-ipo.f5.com - bigipExternalLinkChange Link: 1.0 is DOWN

Where in the BIG-IP Configuration utility should the BIG-IP Administrator verify the current status of

Link  
1.0?

- A. System > Platform
- B. Network > Trunks > Trunk List
- C. Statistics > Performance > System
- D. Network > Interfaces > Interface List

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**Answer: D**

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1.0 is a physical interface, you can see the interface status from the physical interface in the network.

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**Question: 13**

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Refer to the exhibit.

Filesystem	Size	Used	Avail	Use%	Mounted on
/dev/md4	427M	427M	0	100%	/
none	16G	2.3M	16G	1%	/dev/shm
/dev/md6	3.2G	78M	2.9G	3%	/config
/dev/md5	4.0G	3.1G	696M	82%	/usr
/dev/md7	3.0G	663M	2.2G	24%	/var
/dev/md1	30G	7.6G	21G	27%	/shared
/dev/md2	6.9G	191M	6.4G	3%	/var/log
none	16G	51M	16G	1%	/shared/rrd.1.2
none	16G	21M	16G	1%	/var/tmstat
none	16G	1.6M	16G	1%	/var/run
prompt	4.0M	28K	4.0M	1%	/var/prompt
none	16G	0	16G	0%	/var/loipc

The BIG-IP Administrator is investigating disk utilization on the BIG-IP device. What should the BIG-IP Administrator check next?

- A. Large files on the / file system
- B. Results from the EUD test
- C. Results from the platform diagnostics test
- D. Large files on /usr file system

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**Answer: A**

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**Question: 14**

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Which Virtual Server type prevents the use of a default pool?

- A. Performance (Layer 4)
- B. Forwarding (IP)
- C. Performance HTTP
- D. Standard

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**Answer: B**

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Explanation:

Forwarding (IP) cannot be associated with the pool.

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