

201^{Q&As}

TMOS Administration

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QUESTION 1

Assume a client's traffic is being processed only by a NAT; no SNAT or virtual server processing takes place. Also assume that the NAT definition specifies a NAT address and an origin address while all other settings are left at their defaults. If a client were to initiate traffic to the NAT address, what changes, if any, would take place when the BIG-IP processes such packets?

- A. The source address would not change, but the destination address would be translated to the origin address.
- B. The destination address would not change, but the source address would be translated to the origin address.
- C. The source address would not change, but the destination address would be translated to the NAT's address.
- D. The destination address would not change, but the source address would be translated to the NAT's address.

Correct Answer: A

QUESTION 2

A BIG-IP Administrator explicitly creates a traffic group on a BIG-IP device.

Which two types of configuration objects can be associated with this traffic group? (Choose two.)

- A. Pool Members
- B. Virtual Addresses
- C. iRules
- D. VLANS
- E. Application Instances

Correct Answer: BE

QUESTION 3

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 4

The BIG-IP Administrator configures an HTTP monitor with a specific receive string. The status is marked '\\down\\'.

Which tool should the administrator use to identify the problem?

- A. Ping
- B. Health
- C. tcpdump
- D. ifconfig

Correct Answer: C

QUESTION 5

A new BIG-IP VE is deployed with default settings. The BIG-IP Administrator completes the setup utility in the Configuration Utility. The internal self IP address fails to respond to a ping request. What is a possible cause of this issue?

- A. Port lockdown on internal self IP is set to Allow None
- B. Route is NOT assigned to internal self IP.
- C. Internal interface VLAN is set to untagged
- D. Internal interface VLAN is set to tagged

Correct Answer: D

QUESTION 6

Under what condition must an appliance license be reactivated?

- A. Licenses only have to be reactivated for RMAs no other situations.
- B. Licenses generally have to be reactivated during system software upgrades.
- C. Licenses only have to be reactivated when new features are added (IPv6, Routing Modules, etc) no other situations.
- D. Never. Licenses are permanent for the platform regardless the version of software installed.

Correct Answer: B

QUESTION 7

A BIG-IP Administrator uses a device group to share the workload and needs to perform service on a BIG-IP device

currently active for a traffic group. The administrator needs to enable the traffic group to run on another BIG-IP device in the device group. What should the administrator do to meet the requirement?

- A. Create a new Traffic Group and then fail to Standby Unit
- B. Select Traffic Group and then select Failover
- C. Select Traffic Group and then select Force to Standby
- D. Select Traffic Group on Primary Unit and then select Demote

Correct Answer: C

QUESTION 8

A BIG-IP Administrator has configured a BIG-IP cluster with remote user authentication against dcOI f5trn.com. Only local users can successfully log into the system. Configsync is also failing.

Which two tools should the BIG-IP Administrator use to further investigate these issues? (Choose two)

- A. ntpq
- B. pam_timestamp_check
- C. passwd
- D. pwck
- E. dig

Correct Answer: AC

QUESTION 9

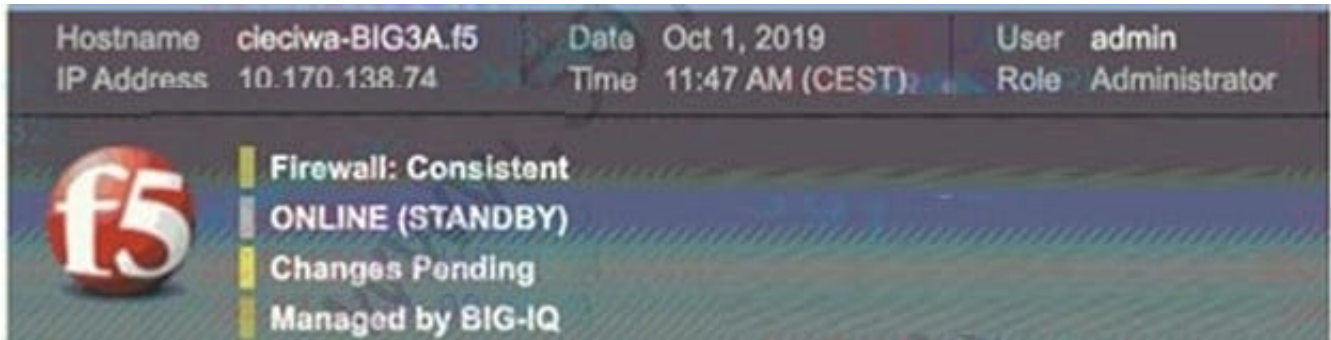
How should a BIG-IP Administrator persistent sessions from being sent to a pool member so that the server administrator can perform maintenance?

- A. force the pool member offline
- B. disable the pool member
- C. add an additional monitor to the pool
- D. disable the virtual server

Correct Answer: A

QUESTION 10

Refer to the exhibit.



The BIG-IP Administrator has modified an iRule on one device of an HA pair. The BIG-IP Administrator notices there is NO traffic on the BIG-IP device in which they are logged into. What should the BIG-IP Administrator do to verify if the iRule works correctly?

- A. Push configuration from this device to the group and start to monitor traffic on this device
- B. Pull configuration to this device to the cluster and start to monitor traffic on this device
- C. Log in to the other device in the cluster, push configuration from it, and start to monitor traffic on that device
- D. Log in to the other device in the cluster, pull configuration to it, and start to monitor traffic on that device

Correct Answer: D

The device in the picture is a standby machine, of course there is no traffic, you need to log in to the host, and then pull the configuration to the host.

QUESTION 11

The incoming client IP address is 195.64.45.52 and the last five connections have been sent to members A, C, E, D and B. Given the virtual server, pool, and persistence definitions and statistics shown in the above graphic, which member will be used for the next connection?

Persistence Table		
All entries for the one virtual server and pool		
Persistence Values	Member	Age (Seconds)
200.10.0.0	10.10.20.1:80	63
201.12.0.0	10.10.20.3:80	43
153.15.0.0	10.10.20.2:80	76
205.12.0.0	10.10.20.4:80	300
195.64.0.0	10.10.20.3:80	22
198.22.0.0	10.10.20.5:80	176
214.77.0.0	10.10.20.1:80	43

Web_Pool Statistics					
Member	Member Ratio	Member Priority	Outstanding Layer 7 Requests	Connection Count	Status
10.10.20.1:80	3	5	6	18	Available
10.10.20.2:80	3	5	6	12	Available
10.10.20.3:80	3	5	12	5	Disabled
10.10.20.4:80	1	1	8	19	Offline
10.10.20.5:80	1	1	4	9	Available

Virtual Server, Pool and Persistence Profile Settings					
VS_Web_Pool Settings		Web_Pool Settings		Source Persist Settings	
Destination	172.160.22.3:80	Load balancing	Least Connections	Mode	Source Address
Profile(s)	TCP	Priority Activation	Less than 2	Netmask	255.255.0.0
Pool	Web_Pool	Montitir	Done	Timeout	360 seconds
iRules	None				
Persistence	Source_Persist				

- A. 10.10.20.1:80
- B. 10.10.20.2:80
- C. 10.10.20.3:80
- D. 10.10.20.4:80
- E. 10.10.20.5:80
- F. It cannot be determined with the information given.

Correct Answer: C

QUESTION 12

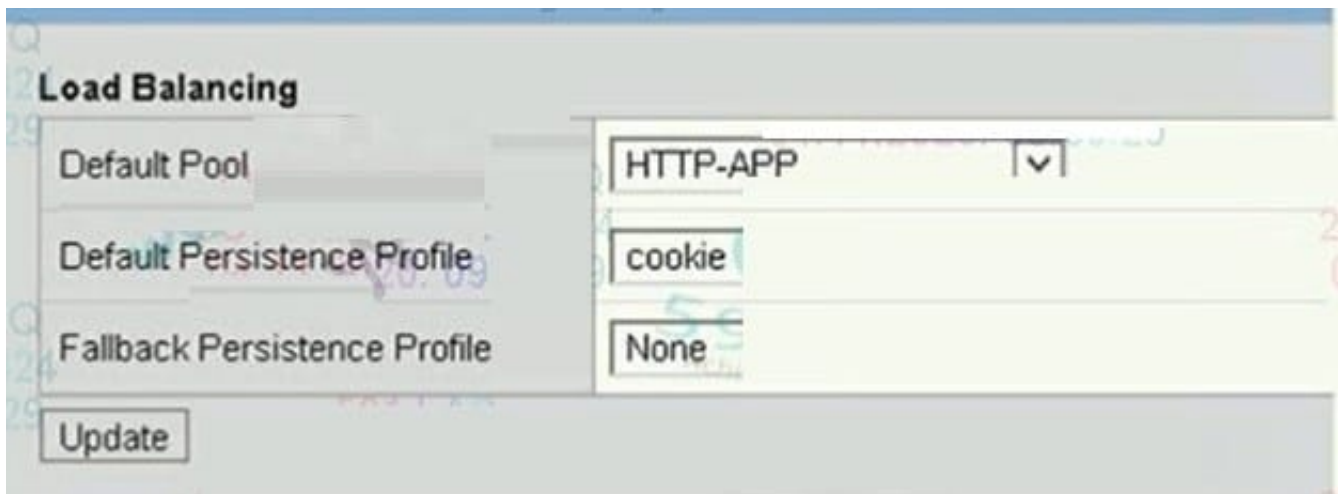
As a part of the Setup Utility, the administrator sets the host name for the BIG IP. What would be the result if the two systems in a redundant pair were set to the same host name?

- A. Host names do not matter in redundant pair communication.
- B. In a redundant pair, the two systems will always have the same host name. The parameter is synchronized between the systems.
- C. The first time the systems are synchronized the receiving system will be assigned the same self-IP addresses as the source system.
- D. When the administrator attempts to access the configuration utility using the host name, they will always connect to the active system.

Correct Answer: C

QUESTION 13

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

Correct Answer: D

QUESTION 14

A Standard Virtual Server for a web application is configured with Automap for the Source Address Translation option. The original source address of the client must be known by the backend servers. What should the BIG-IP Administrator configure to meet this requirement?

- A. The Virtual Server type as Performance (HTTP)
- B. An HTTP profile to insert the X-Forward-For header
- C. An HTTP Transparent profile
- D. A SNAT Pool with the client IP

Correct Answer: B

Because it is a web application, you can insert the source IP in the xff field in the http profile.

QUESTION 15

A BIG-IP Administrator suspects that one of the BIG-IP device power supplies is experiencing power outages.

Which log file should the BIG-IP Administrator check to verify the suspicion?

- A. /var /log/daemon.log
- B. /var/log/kern.log
- C. /var/log/ltn
- D. /var/log/audit

Correct Answer: C

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