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BIG-IP v10.x LTM Essentials V10.x

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QUESTION 1

The ICMP monitor has been assigned to all nodes. In addition, all pools have been assigned custom monitors. If a pool is marked available (green) which situation is sufficient to cause this?

- A. All of the pool member nodes are responding to the ICMP monitor as expected.
- B. Less than 50% of the pool member nodes responded to the ICMP echo request.
- C. All of the members of the pool have had their content updated recently and their responses no longer match the monitor receive rule.
- D. Over 25% of the pool members have had their content updated and it no longer matches the receive rule of the custom monitor. The other respond as expected.

Correct Answer: D

QUESTION 2

You have created a custom profile named TEST2. The parent profile of TEST2 is named TEST1. If additional changes are made to TEST1, what is the effect on TEST2?

- A. All changes to TEST1 are propagated to TEST2.
- B. Some of the changes to TEST1 may propagate to TEST2.
- C. Changes to TEST1 cannot affect TEST2 once TEST2 is saved.
- D. When TEST1 is changed, the administrator is prompted and can choose whether to propagate changes to TEST2.

Correct Answer: B

QUESTION 3

- A. insert
- B. rewrite
- C. passive
- D. session

Correct Answer: A

QUESTION 4

When configuring a Virtual Server to use an iRule with an HTTP_REQUEST event, which list includes the required steps in a proper order to create all necessary objects?

- A. create profiles, create the iRule, create required pools, create the Virtual Server
- B. create the Virtual Server, create required pools, create the iRule, edit the Virtual Server
- C. create a custom HTTP profile, create required pools, create the Virtual Server, create the iRule
- D. create required pools, create a custom HTTP profile, create the iRule, create the Virtual Server

Correct Answer: B

QUESTION 5

Which two statements are true about SNATs? (Choose two.)

- A. SNATs are enabled on all VLANs, by default.
- B. SNATs can be configured within a Profile definition.
- C. SNATs can be configured within a Virtual Server definition.
- D. SNATs are enabled only on the VLAN where origin traffic arrives, by default

Correct Answer: AC

QUESTION 6

Which statement is true about the synchronization process, as performed by the Configuration Utility or by typing `config sync all`?

- A. The process should always be run from the standby system.
- B. The process should always be run from the system with the latest configuration.
- C. The two `/config/bigip.conf` configuration files are synchronized (made identical) each time the process is run.
- D. Multiple files, including `/config/bigip.conf` and `/config/bigip_base.conf`, are synchronized (made identical) each time the process is run.

Correct Answer: C

QUESTION 7

A site needs to terminate client HTTPS traffic at the BIG-IP and forward that traffic unencrypted. Which two are profile types that must be associated with such a virtual server? (Choose two.)

- A. TCP
- B. HTTP
- C. HTTPS

D. ClientSSL

E. ServerSSL

Correct Answer: AD

QUESTION 8

A virtual server is listening at 10.10.1.100:80 and has the following iRule associated with it: when HTTP_REQUEST { if { [HTTP::header User-Agent] contains "MSIE" } { pool MSIE_pool } else { pool Mozilla_pool } If a user connects to http://10.10.1.100/foo.html and their browser does not specify a User-Agent, which pool will receive the request?

A. MSIE_pool

B. Mozilla_pool

C. None. The request will be dropped.

D. Unknown. The pool cannot be determined from the information provided.

Correct Answer: B

QUESTION 9

Which statement is true concerning iRule events?

A. All iRule events relate to HTTP processes.

B. All client traffic has data that could be used to trigger iRule events.

C. All iRule events are appropriate at any point in the client-server communication.

D. If an iRule references an event that doesn't occur during the client's communication, the client's connection will be terminated prematurely.

Correct Answer: B

QUESTION 10

Assuming that systems are synchronized, which action could take place if the fail-over cable is connected correctly and working properly, but the systems cannot communicate over the network due to external network problems?

A. If network fail-over is enabled, the standby system will assume the active mode.

B. Whether or not network fail-over is enabled, the standby system will stay in standby mode.

C. Whether or not network fail-over is enabled, the standby system will assume the active mode.

D. If network fail-over is enabled, the standby system will go into active mode but only until the network recovers.

Correct Answer: B

QUESTION 11

Which parameters are set to the same value when a pair of BIG-IP devices are synchronized?

- A. host names
- B. system clocks
- C. profile definitions
- D. VLAN fail-safe settings
- E. MAC masquerade addresses

Correct Answer: C

QUESTION 12

A BIG-IP has two load balancing virtual servers at 150.150.10.10:80 and 150.150.10.10:443. The port 80 virtual server has SNAT auto-map configured. There is also a SNAT configured at 150.150.10.11 set for a source address range of 200.200.1.0 / 255.255.255.0. All other settings are at their default states. If a client with the IP address 200.200.1.1 sends a request to <https://150.150.10.10>, what is the source IP address when the associated packet is sent to the pool member?

- A. 200.200.1.1
- B. 150.150.10.11
- C. Floating self IP address on VLAN where the packet leaves the system
- D. Floating self IP address on VLAN where the packet arrives on the system

Correct Answer: B

QUESTION 13

A BIG-IP has a virtual server at 150.150.10.10:80 with SNAT automap configured. This BIG-IP also has a SNAT at 150.150.10.11 set for a source address range of 200.200.1.0 / 255.255.255.0. All other settings are at their default states. If a client with the IP address 200.200.1.1 sends a request to the virtual server, what is the source IP address when the associated packet is sent to the pool member?

- A. 200.200.1.1
- B. 150.150.10.11
- C. Floating self IP address on VLAN where the packet leaves the system
- D. Floating self IP address on VLAN where the packet arrives on the system

Correct Answer: C

QUESTION 14

Where is persistence mirroring configured?

- A. It is always enabled.
- B. It is part of a pool definition.
- C. It is part of a profile definition.
- D. It is part of a virtual server definition.

Correct Answer: C

QUESTION 15

A site has assigned the ICMP monitor to all nodes and a custom monitor, based on the HTTP template, to a pool of web servers. The HTTP-based monitor is working in all cases. The ICMP monitor is failing for 2 of the pool member 5 nodes. All other settings are default. What is the status of the monitor is working in all cases. The ICMP monitor is failing for 2 of the pool member 5 nodes. All other settings are default. What is the status of the pool members?

- A. All pool members are up since the HTTP-based monitor is successful.
- B. All pool members are down since the ICMP-based monitor is failing in some cases.
- C. The pool members whose nodes are failing the ICMP-based monitor will be marked disabled.
- D. The pool members whose nodes are failing the ICMP-based monitor will be marked unavailable.

Correct Answer: D

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