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BIG-IP v10.x LTM Essentials V10.x

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QUESTION 1

The current status of a given pool is offline (red). Which condition could explain that state? Assume the descriptions below include all monitors assigned for each scenario.

- A. No monitors are currently assigned to any pool, member or node.
- B. The pool has a monitor assigned to it, and none of the pool members passed the test.
- C. The pool has a monitor assigned to it, and only some of the pool's members passed the test.
- D. A monitor is assigned to all nodes and all nodes have passed the test. The pool's members have no specific monitor assigned to them.

Correct Answer: B

QUESTION 2

Which statement is true concerning the default communication between a redundant pair of BIG-IP devices?

- A. Communication between the systems cannot be effected by port lockdown settings.
- B. Data for both connection and persistence mirroring are shared through the same TCP connection.
- C. Regardless of the configuration, some data is communicated between the systems at regular intervals.
- D. Connection mirroring data is shared through the serial fail-over cable unless network fail-over is enabled.

Correct Answer: B

QUESTION 3

A site has six members in a pool. Three of the servers are new and have more memory and a faster processor than the others. Assuming all other factors are equal and traffic should be sent to all members, which two load-balancing methods are most appropriate? (Choose two.)

- A. Ratio
- B. Priority
- C. Observed
- D. Round Robin

Correct Answer: AC

QUESTION 4

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 5

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 6

When upgrading a BIG-IP redundant pair, what happens when one system has been updated but the other has not?

- A. Synching should not be performed.
- B. The first system to be updated will assume the Active role.
- C. This is not possible since both systems are updated simultaneously.
- D. The older system will issue SNMP traps indicating a communication error with the partner.

Correct Answer: A

QUESTION 7

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 8

What is the purpose of provisioning?

- A. Provisioning allows modules that are not licensed to be fully tested.
- B. Provisioning allows modules that are licensed be granted appropriate resource levels.
- C. Provisioning allows the administrator to activate modules in non-standard combinations.
- D. Provisioning allows the administrator to see what modules are licensed, but no user action is ever required.

Correct Answer: B

QUESTION 9

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 10

Which statement accurately describes the difference between two load-balancing modes specified as "member" and "node"?

- A. There is no difference; the two terms are referenced for backward compatibility purposes.
- B. When the load-balancing choice references "node", priority group activation is unavailable.
- C. Load-balancing options referencing "nodes" are available only when the pool members are defined for the "any" port.
- D. When the load-balancing choice references "node", the addresses' parameters are used to make the load-balancing choice rather than the member's parameters.

Correct Answer: D

QUESTION 11



Which statement is true concerning a functional iRule?

- A. iRules use a proprietary syntax language.
- B. iRules must contain at least one event declaration.
- C. iRules must contain at least one conditional statement.
- D. iRules must contain at least one pool assignment statement.

Correct Answer: B

QUESTION 12

What is the purpose of provisioning?

- A. Provisioning allows modules that are not licensed to be fully tested.
- B. Provisioning allows modules that are licensed be granted appropriate resource levels.
- C. Provisioning allows the administrator to activate modules in non-standard combinations.
- D. Provisioning allows the administrator to see what modules are licensed, but no user action is ever required.

Correct Answer: B

QUESTION 13

What is required for a virtual server to support clients whose traffic arrives on the internal VLAN and pool members whose traffic arrives on the external VLAN?

- A. That support is never available.
- B. The virtual server must be enabled for both VLANs.
- C. The virtual server must be enabled on the internal VLAN.
- D. The virtual server must be enabled on the external VLAN.

Correct Answer: C

QUESTION 14

The current status of a given pool member is unknown. Which condition could explain that state?

- A. The member has no monitor assigned to it.
- B. The member has a monitor assigned to it and the most recent monitor was successful.
- C. The member has a monitor assigned to it and the monitor did not succeed during the most recent timeout period.



D. The member\\'s node has a monitor assigned to it and the monitor did not succeed during the most recent timeout period.

Correct Answer: A

QUESTION 15

Which three iRule events are likely to be seen in iRules designed to select a pool for load balancing? (Choose 3)

- A. CLIENT_DATA
- B. SERVER_DATA
- C. HTTP_REQUEST
- D. HTTP_RESPONSE
- E. CLIENT_ACCEPTED
- F. SERVER_SELECTED
- G. SERVER_CONNECTED

Correct Answer: ACE

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