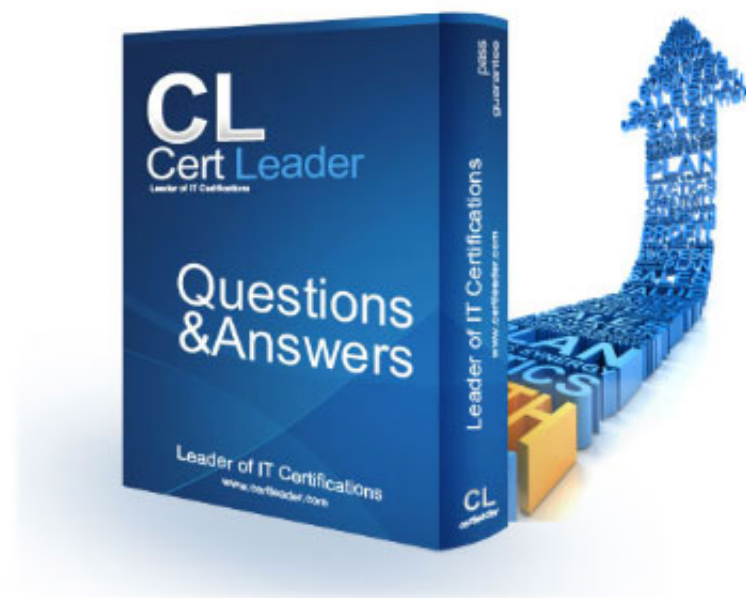


F5CAB2 Dumps

BIG-IP Administration Data Plane Concepts (F5CAB2) exam

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NEW QUESTION 1

What type of virtual server has a destination of 0.0.0.0 and listens on a specific VLAN? (Choose one answer)

- A. Standard
- B. Forwarding (Layer 2)
- C. Wildcard
- D. Forwarding (IP)

Answer: C

NEW QUESTION 2

A BIG-IP Administrator is making adjustments to an iRule and needs to identify which of the 235 Virtual Servers configured on the BIG-IP device will be affected. How should the administrator obtain this information in an efficient way?

- A. Local Traffic > Virtual Servers
- B. Local Traffic > iRules
- C. Local Traffic > Pools
- D. Local Traffic > Network Map

Answer: B

NEW QUESTION 3

Active connections to pool members are unevenly distributed. The load balancing method is Least Connections (member). Priority Group Activation is disabled. What is a potential cause of the uneven distribution? (Choose one answer)

- A. Priority Group Activation is disabled
- B. SSL Profile Server is applied
- C. A persistence profile is applied
- D. Incorrect load balancing method

Answer: C

NEW QUESTION 4

Refer to the exhibit above.

Local Traffic » Pools : Pool List » docker_www_farm

⚙️

Properties

Members

Statistics

Load Balancing

Load Balancing Method

Round Robin

Priority Group Activation

Less than... 2

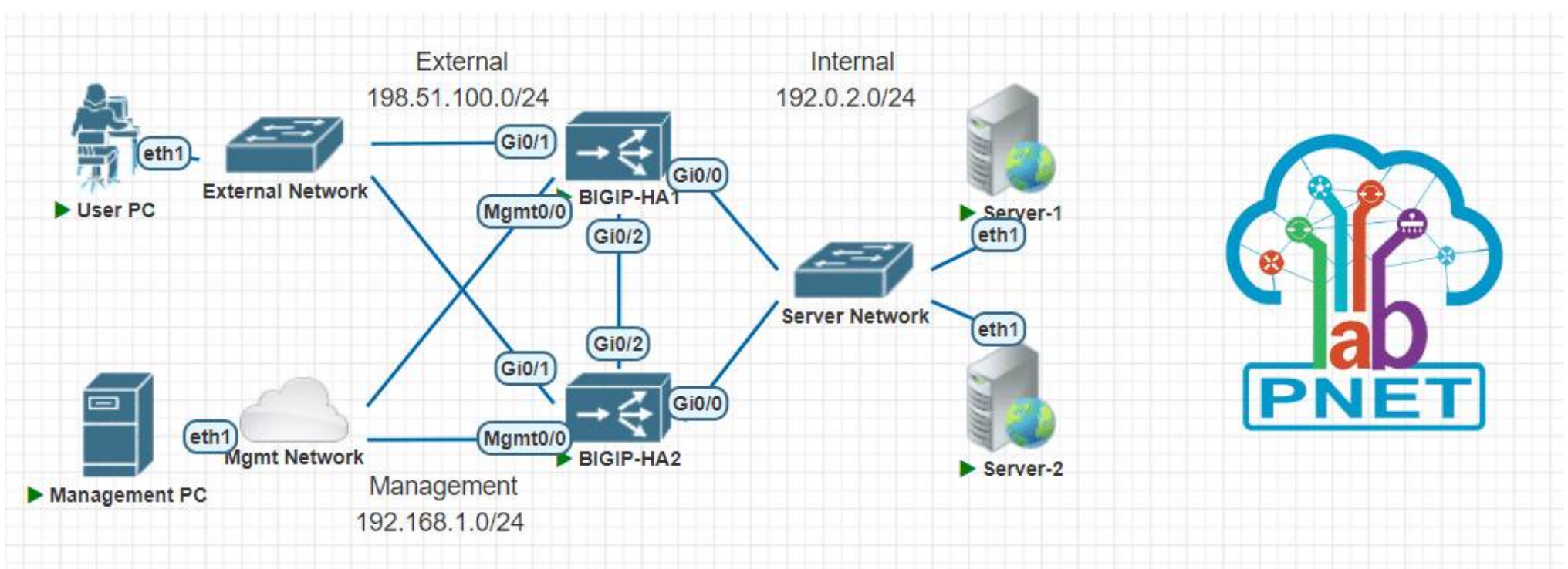
Available Member(s)

Update

Current Members

Add...

☒	Status	Member	Address	Service Port	FQDN	Ephemeral	Ratio	Priority Group	Connection Limit	Partition / Path
☐		serv1:80	192.168.30.11	80		No	1	2 (Active)	0	Common
☐		serv2:80	192.168.30.12	80		No	1	2 (Inactive)	0	Common
☐		serv3:80	192.168.30.13	80		No	1	1 (Active)	0	Common
☐		serv4:80	192.168.30.14	80		No	1	1 (Active)	0	Common



Local Traffic » Pools : Pool List » **www_pool**

⚙️

Properties

Members

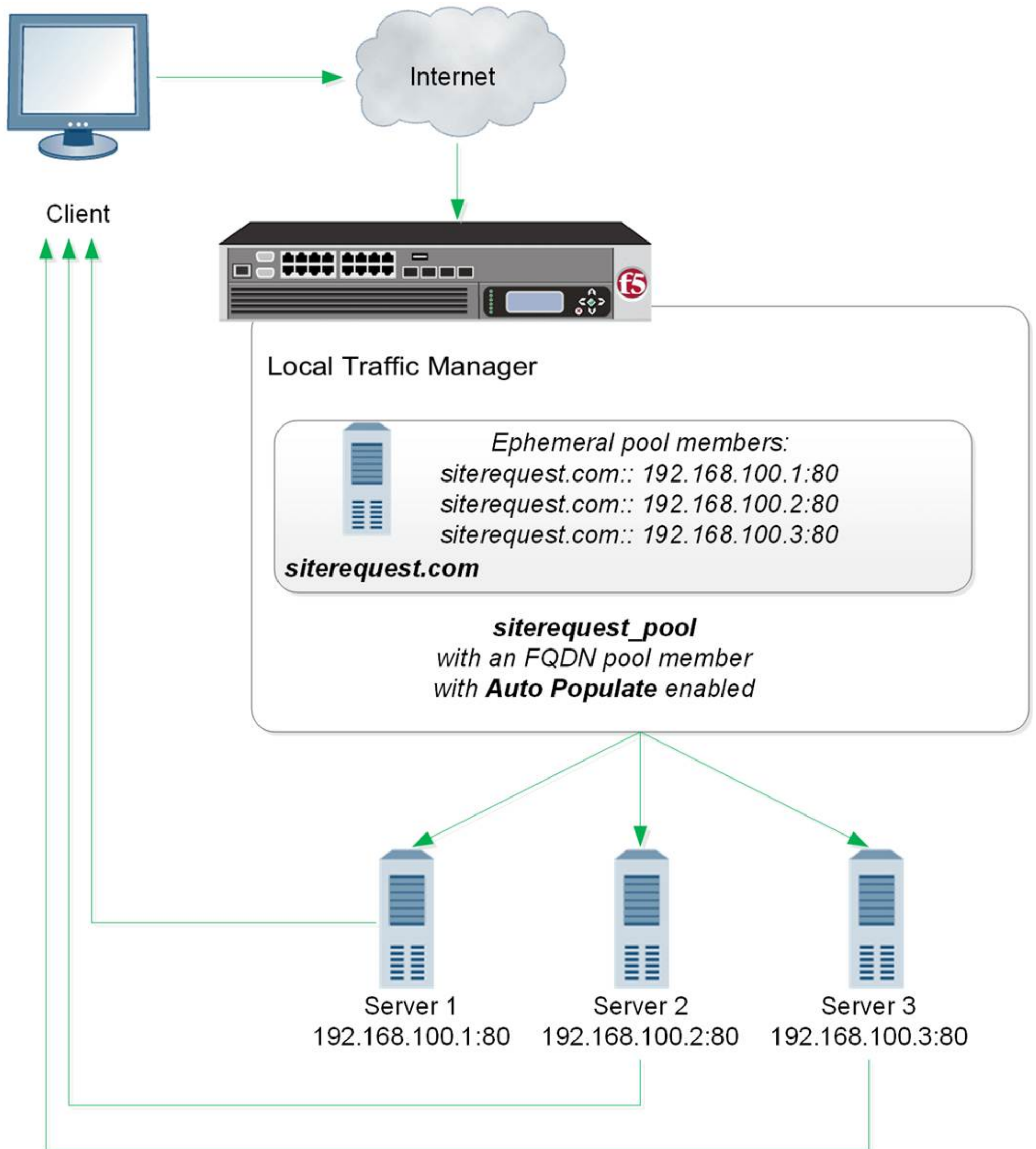
Statistics

Member Properties

Node Name	10.1.20.11
Address	10.1.20.11
Service Port	80
Partition / Path	Common
Description	
Parent Node	10.1.20.11
Availability	● Available (Enabled) - Pool member is available 2018-05-29 16:56:28
Health Monitors	● http
Monitor Logging	☐ Enable
Current Connections	0
State	☒ Enabled (All traffic allowed) ☐ Disabled (Only persistent or active connections allowed) ☐ Forced Offline (Only active connections allowed)

Configuration: Basic

Ratio	3
Priority Group	0
Connection Limit	0
Connection Rate Limit	0



A BIG-IP pool is configured with Priority Group Activation = Less than 2 available members. The pool members have different priority groups and availability states. Which pool members are receiving traffic? (Choose one answer)

- A. serv1
- B. serv1, serv3
- C. serv1, serv2, serv3, serv4
- D. serv1, serv3, serv4

Answer: D

NEW QUESTION 5

A BIG-IP Administrator configures remote authentication and needs to make sure that users can still login even when the remote authentication server is unavailable. Which action should the BIG-IP Administrator take in the remote authentication configuration to meet this requirement?

- A. Configure a remote role group
- B. Set partition access to ??All??
- C. Configure a second remote user directory

D. Enable the Fallback to Local option

Answer: D

NEW QUESTION 6

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.

Answer: A

NEW QUESTION 7

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

```
when CLIENT_ACCEPTED { if {[TCP::local_port] equals 21 } { pool ftppool } elseif {[TCP::local_port] equals 23 } { pool telnetpool }
```

If a user connects to 10.10.1.100 and port 22, which pool will receive the request?

- A. ftppool
- B. telnetpool
- C. Non
- D. The request will be dropped.
- E. Unknow
- F. The pool cannot be determined from the information provided.

Answer: D

NEW QUESTION 8

An application is configured so that the same pool member must be used for an entire session, and this behavior must persist across HTTP and FTP traffic. A user reports that a session terminates and must be restarted after the active BIG-IP device fails over to the standby device.

Which configuration settings should the BIG-IP Administrator verify to ensure proper behavior when BIG-IP failover occurs? (Choose one answer)

- A. Cookie persistence and session timeout
- B. Stateful failover and Network Failover detection
- C. Persistence mirroring and Match Across Services
- D. SYN-cookie insertion threshold and connection low-water mark

Answer: C

NEW QUESTION 9

Which two statements describe differences between the active and standby systems? (Choose two.)

- A. Monitors are performed only by the active system.
- B. Failover triggers only cause changes on the active system.
- C. Virtual server addresses are hosted only by the active system.
- D. Configuration changes can only be made on the active system.
- E. (Incorrect)
- F. Floating self-IP addresses are hosted only by the active system.

Answer: CE

NEW QUESTION 10

A development team needs to apply a software fix and troubleshoot one of its servers. The BIG-IP Administrator needs to immediately remove all connections from the BIG-IP system to the back-end server. The BIG-IP Administrator checks the Virtual Server configuration and finds that a persistence profile is assigned to it.

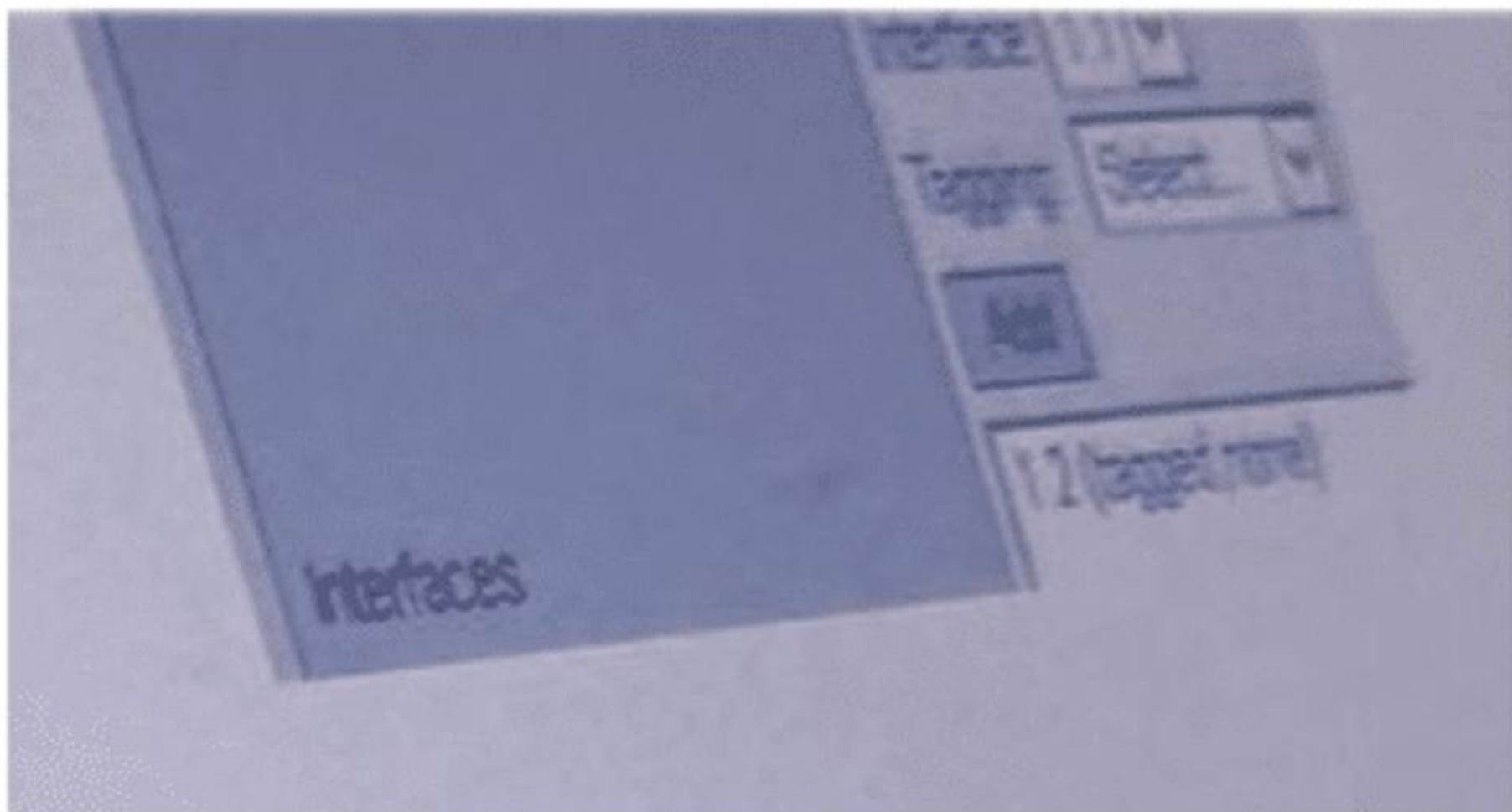
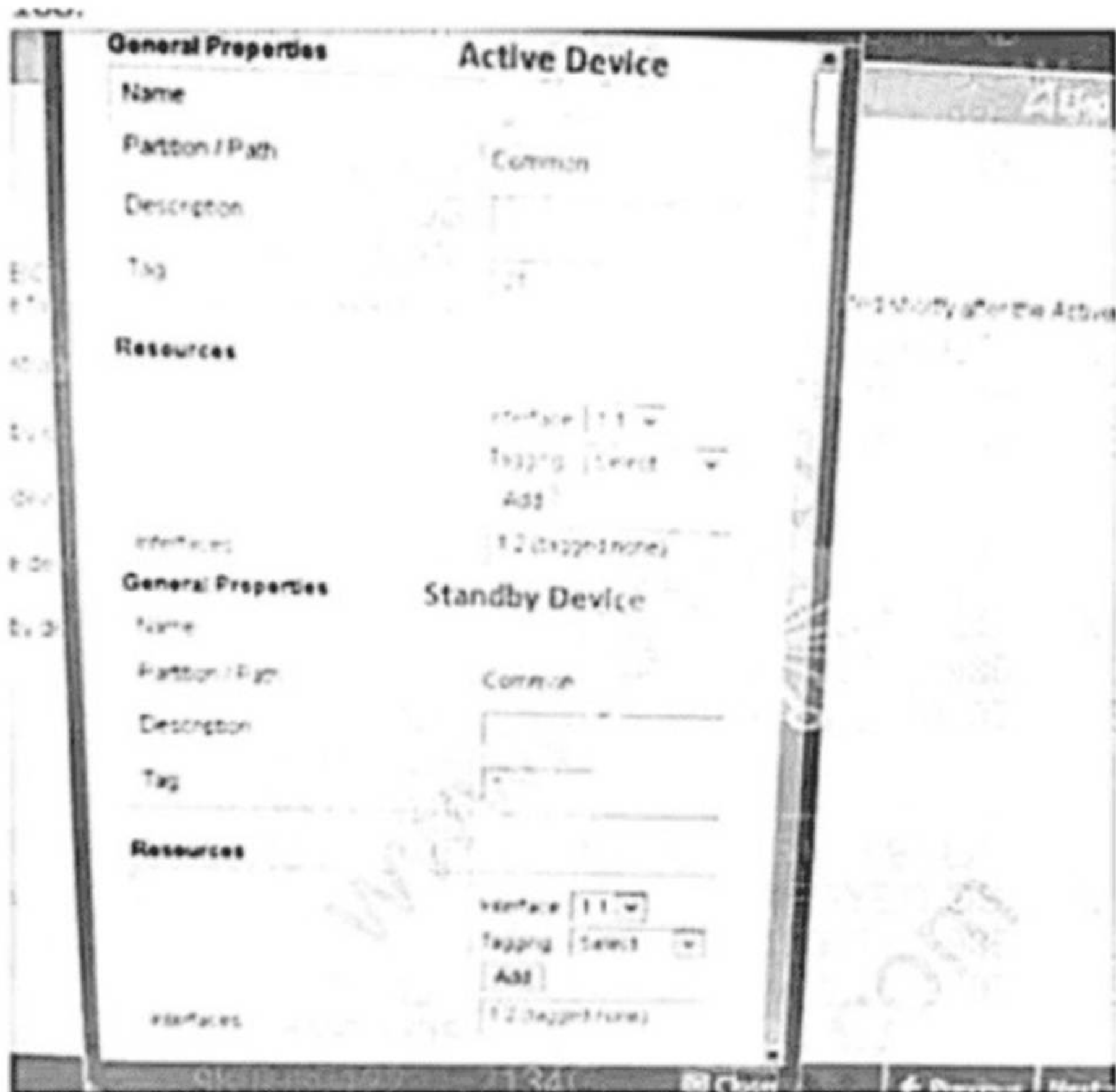
What should the BIG-IP Administrator do to meet this requirement?

- A. Set the pool member to a Disabled state
- B. Set the pool member to a Forced Offline state and manually delete existing connections through the command line
- C. Set the pool member to a Disabled state and manually delete existing connections through the command line
- D. Set the pool member to a Forced Offline state

Answer: B

NEW QUESTION 10

Refer to the exhibit.



During a planned upgrade to a BIG-IP HA pair running Active/Standby, an outage to application traffic is reported shortly after the Active unit is forced to Standby. Reverting the failover resolves the outage. What should the BIG-IP Administrator modify to avoid an outage during the next failover event? (Choose one answer)

- A. The Tag value on the Standby device
- B. The interface on the Active device to 1.1
- C. The Tag value on the Active device
- D. The Interface on the Standby device to 1.1

Answer: D

NEW QUESTION 11

What should a BIG-IP Administrator configure to minimize impact during a failover? (Choose one answer)

- A. External monitors
- B. Clone pool
- C. OneConnect profile
- D. MAC masquerading

Answer: D

NEW QUESTION 12

Active connections to pool members are unevenly distributed. The load balancing method is Least Connections (member). Priority Group Activation is disabled. What is a potential cause of the uneven traffic distribution?

- A. Incorrect load balancing method
- B. Priority Group Activation is disabled
- C. SSL Profile (Server) is applied
- D. Persistence profile is applied

Answer: D

NEW QUESTION 17

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 UserAgent] 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 UserAgent, which pool will receive the request?

- A. MSIE_pool
- B. Mozilla_pool
- C. Non
- D. The request will be dropped.
- E. Unknow
- F. The pool cannot be determined from the information provided.

Answer: B

NEW QUESTION 20

Which of the following lists the order of preference from most preferred to least preferred when BIG-IP processes and selects a virtual server? (Choose one answer)

- A. Destination host address Source host address Service port
- B. Source host address Service port Destination host address
- C. Service port Destination host address Source host address

Answer: A

NEW QUESTION 23

The BIG-IP Administrator wants to provide quick failover between the F5 LTM devices that are configured as an HA pair with a single-selfip using the MAC Masquerade feature for

this quick failover and runs this command: tmsh modify /cm traffic-group traffic-group-1 mac 02:12:34:56:00:00 However, the Network Operations team has identified an issue with the use of the same MAC address being used within different VLANs. As a result, the administrator decides to implement the Per-VLAN Mac Masquerade in order to have a unique MAC address on each VLAN: tmsh modify /sys db tm.macmasqaddr_per_vlan value true. What would be the resulting MAC address on a tagged VLAN of 1501? (Choose one answer)

- A. 02:12:34:56:01:15
- B. 02:12:34:56:dd:05
- C. 02:12:34:56:05:dd
- D. 02:12:34:56:15:01

Answer: C

NEW QUESTION 26

A BIG-IP Administrator assigns the default http health monitor to a pool that has three members listening on port 80. When the administrator connects to each pool member via the CURL utility, two of the members respond with a status of 404 Not Found while the third responds with 200 OK. What will the pool show for member availability?

- A. Two members offline and one member online
- B. Two members online and one member offline
- C. All members offline
- D. All members online

Answer: D

NEW QUESTION 28

What type of Virtual Server is configured with no Pool-members, and proxies traffic to the destination IP address specified by the client device?

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

Answer: A

NEW QUESTION 29

An application is configured so that the same pool member must be used for an entire session, as well as for HTTP and FTP traffic. A user reports that a session has terminated, and the user must restart the session. The BIG-IP Administrator determines that the active BIG-IP device failed over to the standby BIG-IP device. Which configuration settings should the BIG-IP Administrator verify to ensure proper behavior when BIG-IP failover occurs?

- A. Cookie persistence and session timeout
- B. Stateful failover and network failover detection
- C. syn-cookie insertion threshold and connection low-water mark
- D. Persistence mirroring and Match Across Services

Answer: D

NEW QUESTION 31

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.

Answer: C

NEW QUESTION 32

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