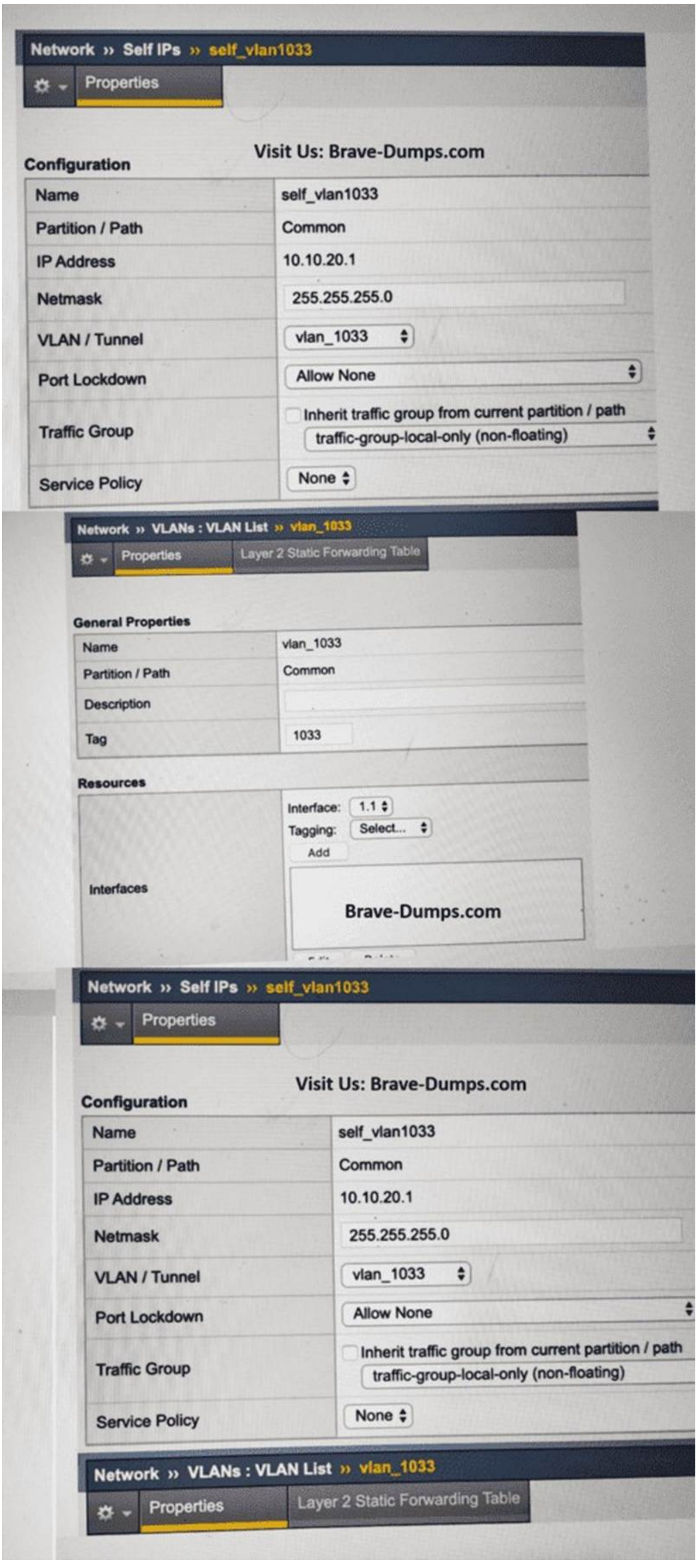
F5-Networks

Exam Questions F5CAB2

BIG-IP Administration Data Plane Concepts (F5CAB2) exam

NEW QUESTION 1
Refer to the exhibit.


Network » Self IPs » self_vlan1033
Properties
Visit Us: Brave-Dumps.com
Configuration
Name
self_vlan1033
Partition / Path
Common
IP Address
10.10.20.1
Netmask
255.255.255.0
VLAN / Tunnel
vlan_1033
Port Lockdown
Allow None
Traffic Group
Inherit traffic group from current partition / path
traffic-group-local-only (non-floating)
Service Policy
None
Network » VLANs : VLAN List » vlan_1033
Properties
Layer 2 Static Forwarding Table
General Properties
Name
vlan_1033
Partition / Path
Common
Description
Tag
1033
Resources
Interfaces
Interface:
1.1
Tagging:
Select...
Add
Brave-Dumps.com
Network » Self IPs » self_vlan1033
Properties
Visit Us: Brave-Dumps.com
Configuration
Name
self_vlan1033
Partition / Path
Common
IP Address
10.10.20.1
Netmask
255.255.255.0
VLAN / Tunnel
vlan_1033
Port Lockdown
Allow None
Traffic Group
Inherit traffic group from current partition / path
traffic-group-local-only (non-floating)
Service Policy
None
Network » VLANs : VLAN List » vlan_1033
Properties
Layer 2 Static Forwarding Table

The network team creates a new VLAN on the switches. The BIG-IP Administrator creates a new VLAN and a Self IP on the BIG-IP device, but theservers on the new VLAN are NOT reachablefrom the BIG-IP device.
Which action should the BIG-IP Administrator take to resolve this issue? (Choose one answer)

A. Set Port Lockdown of the Self IP toAllow All
B. ChangeAuto Last Hopto enabled
C. Assign aphysical interfaceto the new VLAN
D. Create aFloating Self IP address

Answer: C

NEW QUESTION 2
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 3
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 4
A BIG-IP Administrator needs to connect a BIG-IP system totwo upstream switchesto provideexternal network resilience. The network engineer instructs the administrator to configureinterface binding with LACP. Which configuration should the administrator use? (Choose one answer)

A. A virtual server with an LACP profile and the switches?? management IPs as pool members.
B. A virtual server with an LACP profile and the interfaces connected to the switches as pool members.
C. A Trunk listing the allowed VLAN IDs and MAC addresses configured on the switches.
D. A Trunk containing an interface connected to each switch.

Answer: D

NEW QUESTION 5
The BIG-IP Administrator wants to provide quick failover between the F5 LTM devices that are configured as an HA pair with a single Self IP using the MAC Masquerade feature. The administrator configures MAC masquerade for traffic-group-1 using the following command:
`tmsh modify /cm traffic-group traffic-group-1 mac 02:12:34:56:00:00`
However, the Network Operations team identifies an issue with using the same MAC address across multiple VLANs. As a result, the administrator enables Per-VLAN MAC Masquerade to ensure a unique MAC address per VLAN by running:
`tmsh modify /sys db tm.macmasqaddr_per_vlan value true`
What would be the resulting MAC address on a tagged VLAN with ID 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 6
A BIG-IP Administrator needs to apply a health monitor for a pool of database servers named DB_Pool that uses TCP port 1521. Where should the BIG-IP Administrator apply this monitor?

A. Local Traffic > Profiles » Protocol > TCP
B. Local Traffic > Nodes > Default Monitor
C. Local Traffic > Pools > DB_Pool > Members
D. Local Traffic > Pools > DB_Pool > Properties

Answer: D

NEW QUESTION 7
To increase the available bandwidth of an existing trunk, the BIG-IP Administrator plans to add additional interfaces. Which command should the BIG-IP Administrator run from within the bash shell? (Choose one answer)

A. tmsh modify /net trunk trunk_A interfaces add {1.3 1.4}
B. tmsh modify /sys trunk trunk_A interfaces add {1.3 1.4}

C. tmsh create /net trunk trunk_A interfaces add {1.3 1.4}
D. tmsh create /sys trunk trunk_A interfaces add {1.3 1.4}

Answer: A

NEW QUESTION 8
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 9
A BIG-IP Administrator assigns thedefault HTTP health monitorto a pool that has three members listening on port 80. When the administrator connects to each pool member using thecurlutility, two of the members respond with a status of404 Not Found, while the third responds with200 OK. What will the pool show for member availability? (Choose one answer)

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

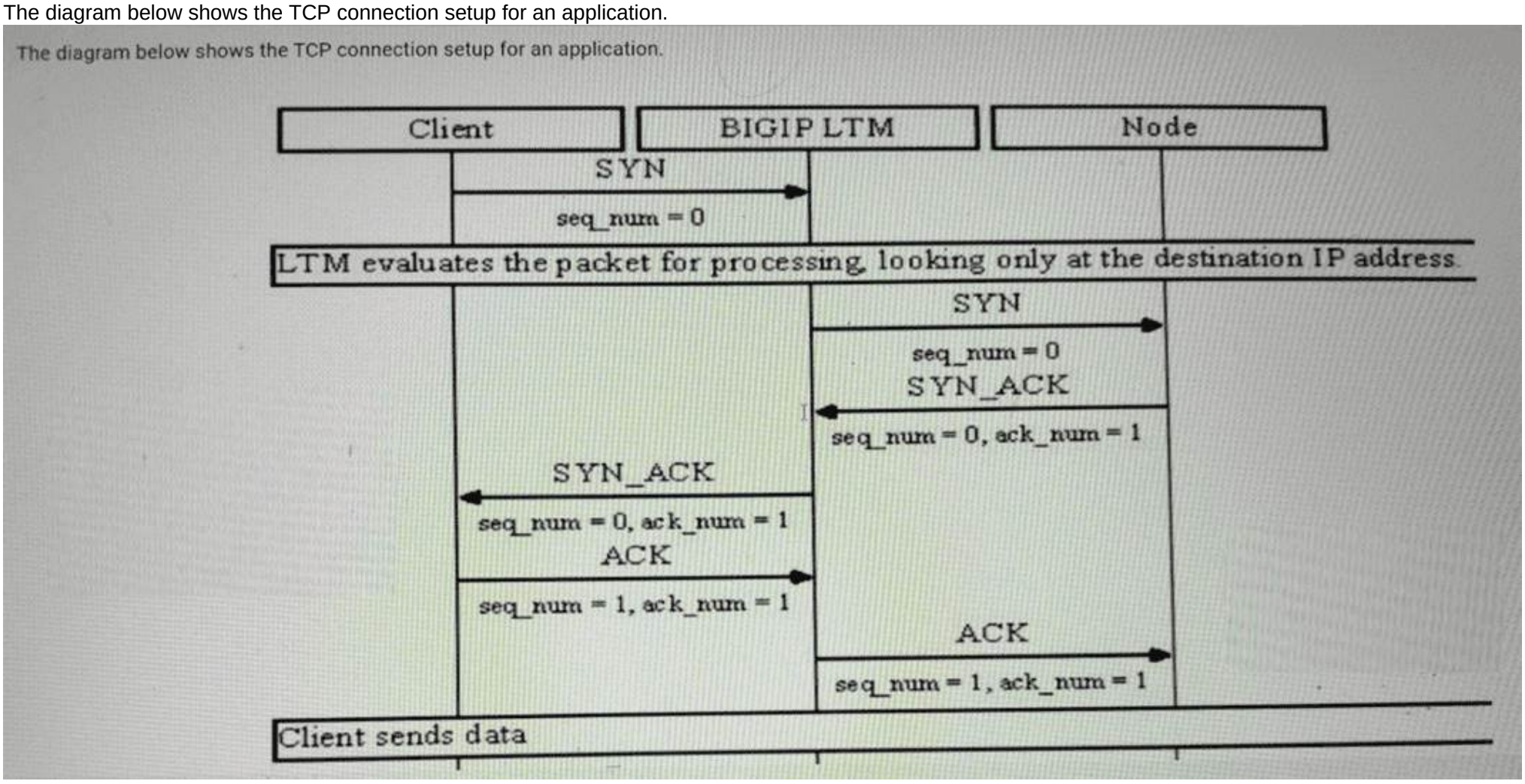
Answer: A

NEW QUESTION 10
A BIG-IP Administrator has a cluster of devices. What should the administrator do after creating a new Virtual Server on device 1?

A. create a new cluster on device 1
B. create the new virtual server on device 2
C. synchronize the settings of the group to device 1
D. synchronize the settings of device 1 to the group

Answer: D

NEW QUESTION 10
The diagram below shows the TCP connection setup for an application.



Which of the following virtual server types applies? (Choose one answer)

A. Standard virtual server
B. Forwarding IP virtual server
C. Stateless virtual server

Answer: B

NEW QUESTION 14

To increase available bandwidth of an existing Trunk, the BIG-IP Administrator is adding additional interfaces. Which command should the BIG-IP Administrator run from within bash shell?

A. tmsh modify /sys trunk trunk_A interfaces add {1.3 1.4}
B. tmsh create /net trunk trunk_A interfaces add {1.3 1.4}
C. tmsh create /sys trunk trunk_A interfaces add {1.3 1.4}
D. tmsh modify /net trunk trunk_A interfaces add {1.3 1.4}

Answer: D

NEW QUESTION 15
A BIG-IP Administrator is making adjustments to an iRule and needs to identify which of the 235 virtual server configured on the BIG-IP device will be affected. How should the administrator obtain this information in an effective way? (Choose one answer)

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

Answer: A

NEW QUESTION 19
What should a BIG-IP Administrator configure tominimize impact during a failover? (Choose one answer)

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

Answer: D

NEW QUESTION 24
Which event is always triggered when a client initially connects to a virtual server configured with an HTTP profile?

A. HTTP_DATA
B. CLIENT_DATA
C. HTTP_REQUEST
D. CLIENT_ACCEPTED

Answer: D

NEW QUESTION 28
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 failover is enabled.

Answer: C

NEW QUESTION 32
What command will assist the BIG-IP Administrator in finding the tmm routes when in the TMSH CLI?

A. list net route
B. show net route
C. list net
D. show net

Answer: B

NEW QUESTION 35
The owner of a web application asks the BIG-IP Administrator to change the port that the BIG-IP device sends traffic to. This change must be made for each member in the server pool named app_pool for the Virtual Server named app_vs. In which area of the BIG-IP Configuration Utility should the BIG-IP Administrator make this change?

A. Local Traffic > Virtual Servers
B. Local Traffic > Pools
C. Local Traffic > Nodes
D. Network > Interfaces

Answer: B

NEW QUESTION 40
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 43
A BIG-IP is configured with a pool member located on a different subnet that is not local to the BIG-IP. To ensure that the return traffic from the pool member is sent to the client through the BIG-IP, a Source NAT (SNAT) is used and configured for SNAT Automap. The BIG-IP has a default gateway on the external VLAN, a floating and non-floating self-IP address on each VLAN, and a management address. Which IP address will the BIG-IP use as the source address for the traffic to the pool member when client traffic is sent through the virtual server?

A. The source address will be the first address available in the list of self-IPs.
B. The source address will be the floating self-IP address on the egress VLAN.
C. The source address will be the non-floating self-IP address on the egress VLAN.
D. The source address will be the management IP address.

Answer: B

NEW QUESTION 44
A BIG-IP Administrator needs to have a BIG-IP linked to two upstream switches for resilience of the external network. The network engineer who is going to configure the switch instructs the BIG-IP Administrator to configure interface binding with LACP. Which configuration should the administrator use?

A. A Trunk containing an interface connected to each switch
B. A Trunk listing the allowed VLAN IDs and MAC addresses configured on the switches
C. A virtual server with an LACP profile and the interfaces connected to the switches as pool members
D. A virtual server with an LACP profile and the switches' management IPs as pool members

Answer: A

NEW QUESTION 48
Whichvirtual server typeis being configured in the screenshot? (Choose one answer.)

A. Standard
B. Forwarding IP
C. Performance Layer 4

Answer: C

NEW QUESTION 52
A development team needs to apply a software fix and troubleshoot one of its servers. The BIG-IP Administrator needs toimmediately remove all connectionsfrom the BIG-IP system to the back-end server. The BIG-IP Administrator checks the virtual server configuration and finds that apersistence profile is assignedto it. What should the BIG-IP Administrator do to meet this requirement? (Choose one answer)

A. Set the pool member to aForced Offlinestate and manually delete existing connections through the command line
B. Set the pool member to anOfflinestate and manually delete existing connections through the command line
C. Set the pool member to aForced Offlinestate
D. Set the pool member to aDisabledstate

Answer: C

NEW QUESTION 56
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 57
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