

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 the servers on the new VLAN are NOT reachable from 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 to Allow All
- B. Change Auto Last Hop to enabled
- C. Assign a physical interface to the new VLAN
- D. Create a Floating 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

Refer to the exhibit.

 Properties Members Statistics	
General Properties	
Name	redis-6379
Partition / Path	Common
Description	
Availability	● Available (Enabled) - The pool is available
Configuration: Advanced ▼	
Health Monitors	Active / Common redis-is-master-custom Available / Common dns-custom gateway_icmp http http-custom << >>
Availability Requirement	All ▼ Health Monitor(s)
Allow SNAT	Yes ▼
Allow NAT	Yes ▼
Action On Service Down	Reject ▼
Slow Ramp Time	10 seconds
IP ToS to Client	Pass Through ▼
IP ToS to Server	Pass Through ▼
Link QoS to Client	Pass Through ▼
Link QoS to Server	Pass Through ▼
Reselect Tries	0
Enable Request Queueing	No ▼
Request Queue Depth	0
Request Queue Timeout	0 ms
IP Encapsulation	None ▼

Local Traffic » Pools : Pool List » pool_web

⚙

Properties

Members

Statistics

Load Balancing

Load Balancing Method

Ratio (member)

Ignore Persisted Weight

☐

Priority Group Activation

Disabled

Update

Current Members

Add...

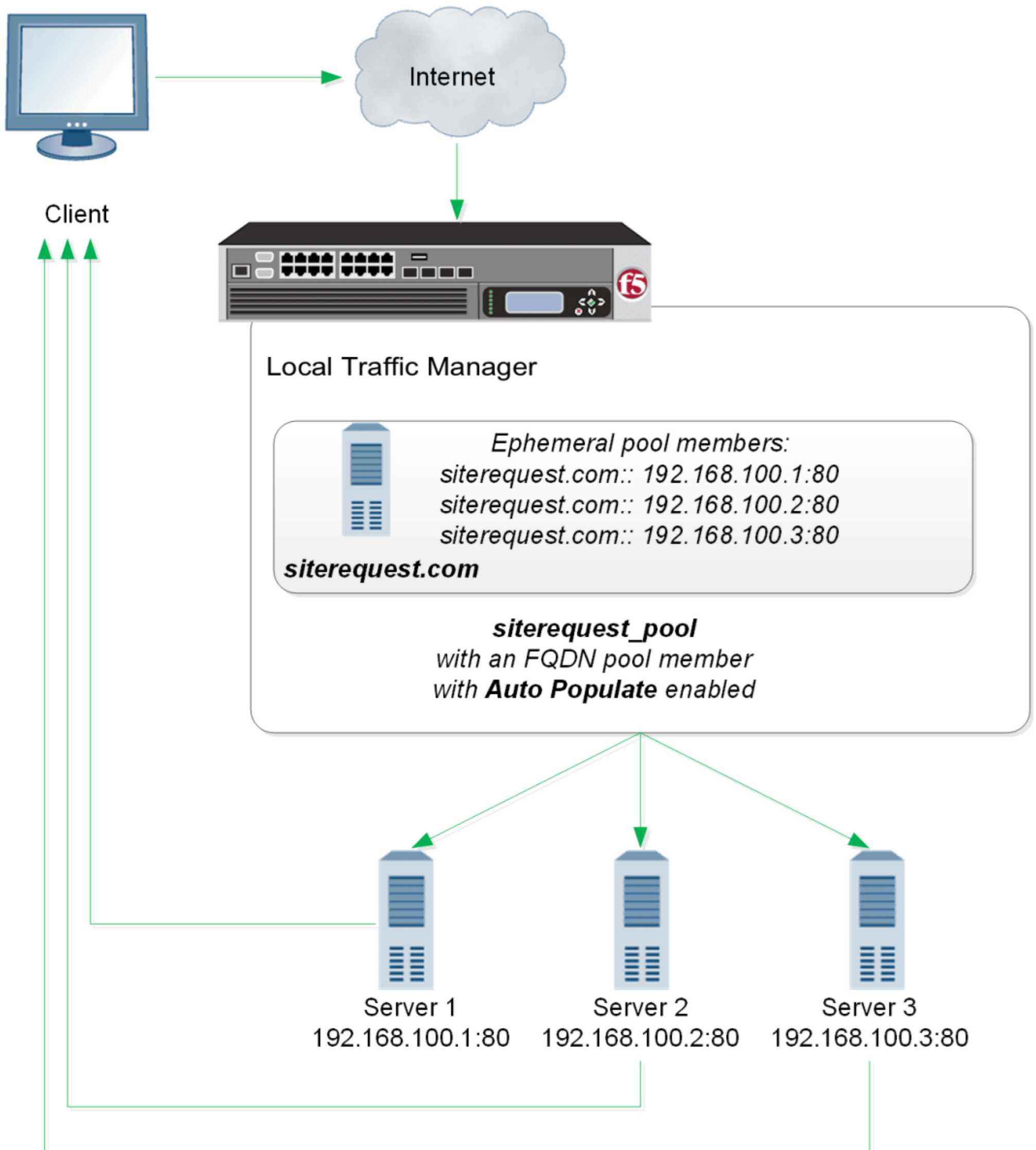
☒	☐	Status	Member	Address	Service Port	FQDN	Ephemeral	Ratio	Priority Group	Connection Limit	Partition / Path
☐	☒		192.168.30.100:80	192.168.30.100	80		No	10	0 (Active)	0	Common
☐	☒		192.168.30.150:80	192.168.30.150	80		No	50	0 (Active)	0	Common

Enable

Disable

Force Offline

Remove



The BIG-IP Administrator needs to avoid overloading any of the pool members with connections when they become active. What should the BIG-IP Administrator configure to meet this requirement? (Choose one answer)

- A. Slow Ramp Time to the Pool
- B. Different Ratio for each member
- C. Action On Service Down to Reselect
- D. Same Priority Group to each member

Answer: A

NEW QUESTION 4

A BIG-IP Administrator needs to connect a BIG-IP system to two upstream switches to provide external network resilience. The network engineer instructs the administrator to configure interface 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

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 6

A BIG-IP system receives UDP traffic from a specific source. The administrator wants the traffic to be forwarded, not dropped or rejected. Which virtual server type should be used? (Choose one answer)

- A. Drop
- B. Reject
- C. Block
- D. Standard

Answer: D

NEW QUESTION 7

A network administrator is planning to add a trunk to a single BIG-IP system. What does a trunk provide? (Pick the 2 correct responses below)

- A. A trunk adds more bandwidth to the network connection.
- B. A trunk adds link redundancy to the network connection.
- C. A trunk adds use of tagged VLANs on the network connection.
- D. A trunk adds use of VoIP traffic on the network connection.

Answer: AB

NEW QUESTION 8

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 9

What type of virtual server will have a destination IP address of 0.0.0.0 and listen on a specific VLAN for requests?

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

Answer: B

NEW QUESTION 10

The network architecture for a BIG-IP consists of an external VLAN and an internal VLAN with two interfaces connected to the upstream switch. The design requires fault tolerance in the case that one of the interfaces is down. Which deployment architecture meets these requirements? (Choose one answer)

- A. One network trunk with both VLANs and LACP enabled, and both VLANs configured as untagged
- B. Two network trunks each with one VLAN and LACP enabled, and both VLANs configured as tagged
- C. Two network trunks each with one VLAN and LACP disabled, and one VLAN configured as tagged and one VLAN configured as untagged
- D. One network trunk with both VLANs and LACP enabled, and both VLANs configured as tagged

Answer: D

NEW QUESTION 10

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 13

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 17

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 using 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? (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 19

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 ftpool } 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. ftpool
- 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 21

A BIG-IP Administrator is conducting maintenance on one BIG-IP appliance in an HA Pair. Why should the BIG-IP Administrator put the appliance into FORCED-OFFLINE state?

- A. To terminate connections to the management IP and decrease persistent connections
- B. To allow new connections to Virtual Servers and ensure the appliance becomes active
- C. To preserve existing connections to Virtual Servers and reduce the CPU load
- D. To terminate existing connections to Virtual Servers and prevent the appliance from becoming active

Answer: D

NEW QUESTION 25

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 30

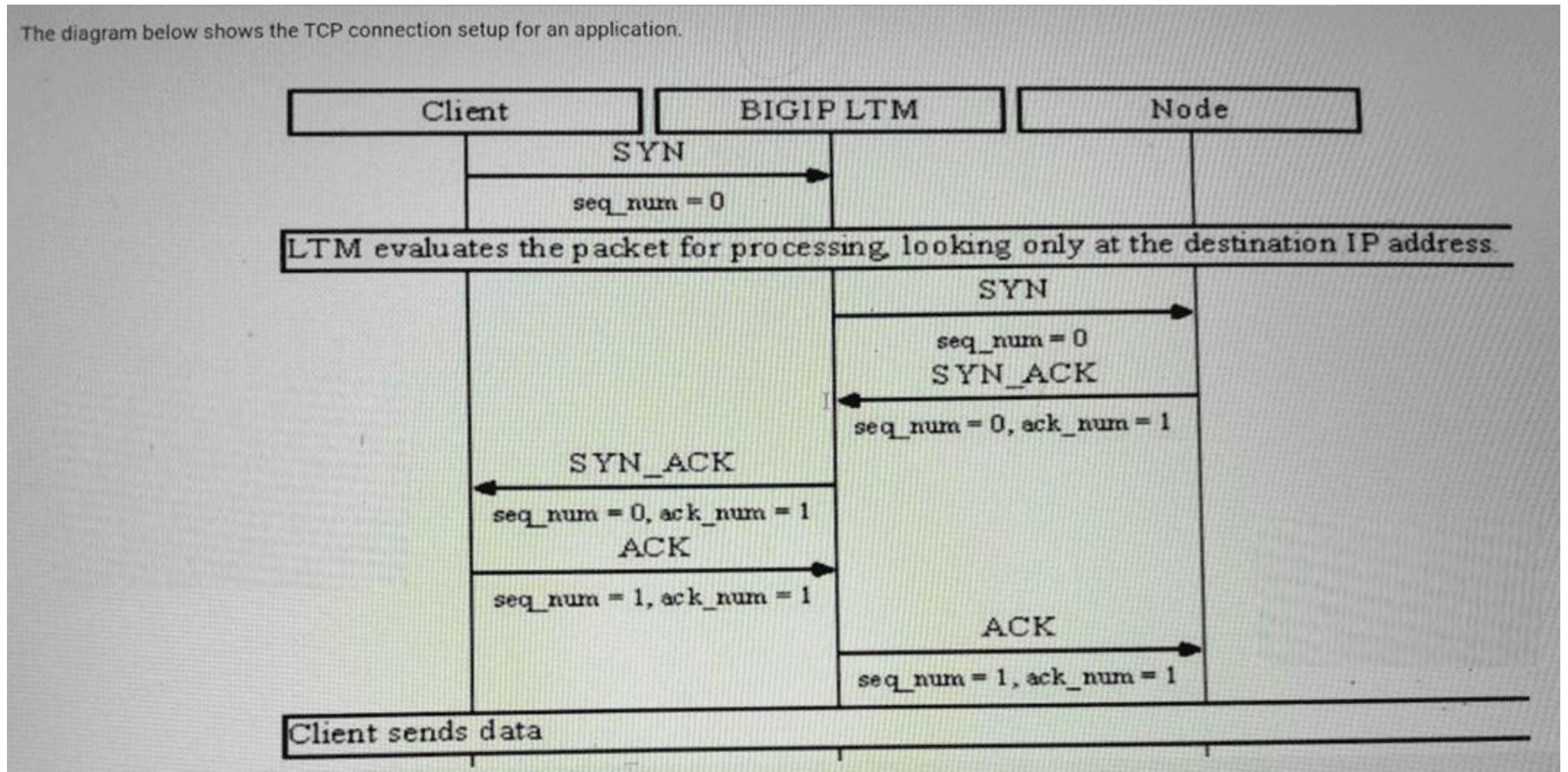
In the GUI, where should the BIG-IP Administrator configure an existing VLAN named external to a specific interface as untagged?

- A. Network — VLANs -> VLAN List -> external -> interfaces
- B. Network -> VLANs -> VLAN List -> create -> external
- C. Network -> VLANs —> VLAN List —> internal -> interfaces

Answer: A

NEW QUESTION 35

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 38

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 41

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

- A. Syncing 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.

Answer: A

NEW QUESTION 46

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. iRules
- B. Application Instances
- C. Virtual Addresses
- D. VLANs
- E. Floating Self IPs

Answer: CE

NEW QUESTION 48

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

- A. CLIENT_DATA
- B. SERVER_DATA
- C. HTTP_REQUEST
- D. HTTP_RESPONSE
- E. CLIENT_ACCEPTED

- F. SERVER_SELECTED
- G. SERVER_CONNECTED

Answer: ACE

NEW QUESTION 51

A BIG-IP Administrator configures remote authentication and needs to ensure that users can still log in 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? (Choose one answer)

- A. Configure a second remote user directory
- B. Configure a remote role group
- C. Enable the Fallback to Local option
- D. Set partition access to All

Answer: C

NEW QUESTION 56

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 59

A BIG-IP system receives a client connection destined to 1.0.0.10:8080. Multiple virtual servers are configured on the system. Which virtual server will process the connection? (Choose one answer)

- A. A forwarding virtual server configured with 0.0.0.0:any
- B. A forwarding virtual server configured with 1.0.0.10:any (port 0)
- C. A virtual server configured with destination 1.0.0.10:8080 and is available (green)
- D. A virtual server configured with 0.0.0.0:8080

Answer: C

NEW QUESTION 61

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 63

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 66

What type of virtual server should be used to load balance UDP traffic without considering previous connections?

- A. Forwarding
- B. Standard
- C. Reject
- D. Stateless

Answer: D

NEW QUESTION 68

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.

Answer: B

NEW QUESTION 71

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 74

Which virtual server type is being configured in the screenshot? (Choose one answer.)

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

Answer: C

NEW QUESTION 79

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? (Choose one answer)

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

Answer: C

NEW QUESTION 81

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 83

.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

F5CAB2 Practice Exam Features:

- * F5CAB2 Questions and Answers Updated Frequently
- * F5CAB2 Practice Questions Verified by Expert Senior Certified Staff
- * F5CAB2 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- * F5CAB2 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The F5CAB2 Practice Test Here](#)