

Exam Questions F5CAB2

BIG-IP Administration Data Plane Concepts (F5CAB2) exam

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NEW QUESTION 1

A BIG-IP Administrator makes a configuration change to a Virtual Server on the Standby device of an HA pair. The HA pair is currently configured with Auto-Sync enabled. What effect will the change have on the HA pair configuration? (Choose one answer)

- A. The change will be undone next time a configuration change is made on the Active device.
- B. The change will be propagated next time a configuration change is made on the Active device.
- C. The change will be undone when Auto-Sync propagates the config to the Standby device.
- D. The change will take effect when Auto-Sync propagates the config to the HA pair.

Answer: C

NEW QUESTION 2

Refer to the exhibit.

Network » Self IPs » self_vlan1033

Properties

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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

Interface: 1.1
Tagging: Select...
Add

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Network » Self IPs » self_vlan1033

Properties

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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 3

Refer to the exhibit.

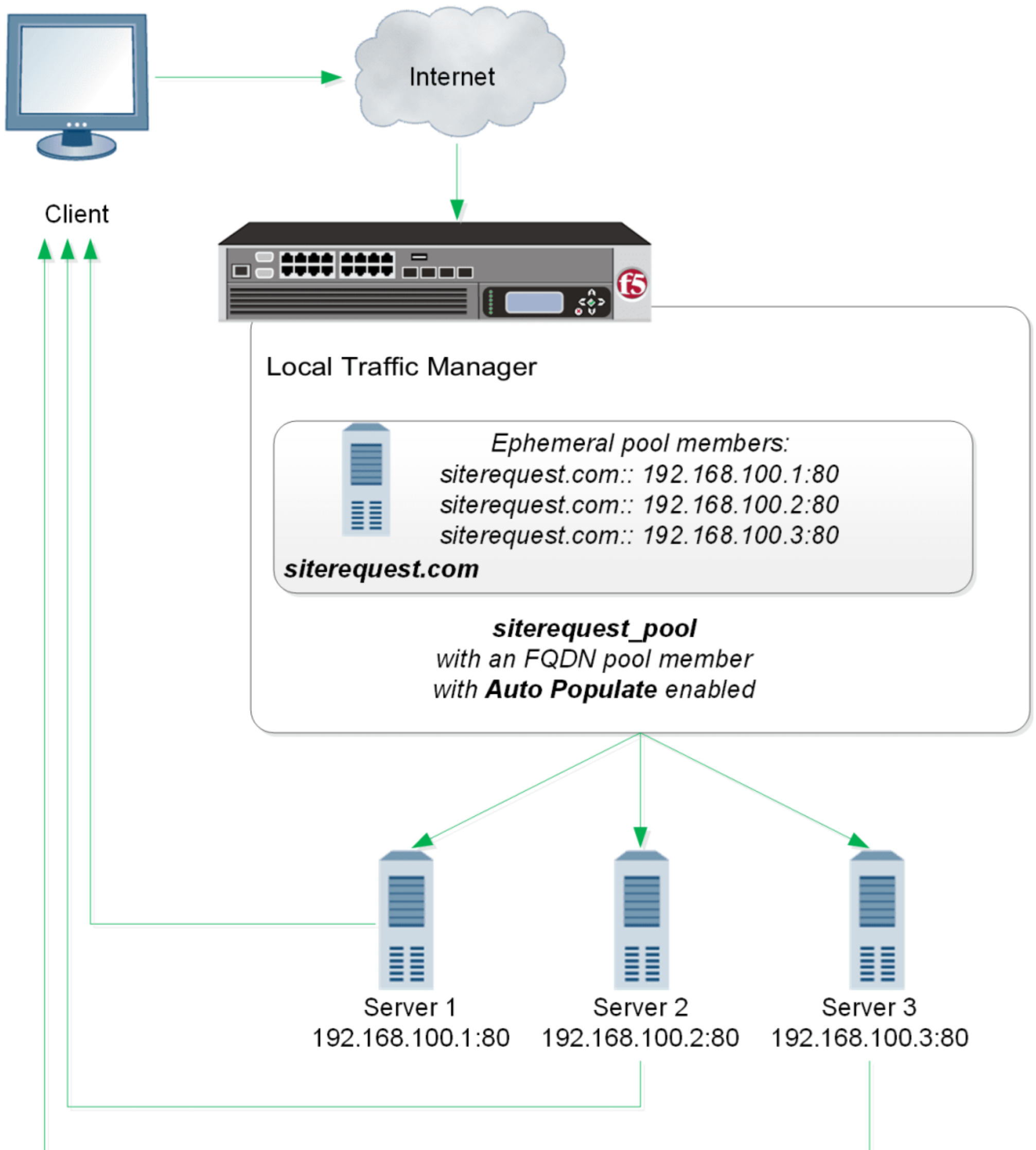
⚙️	Properties	Members	Statistics	🔗
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General Properties

Name	redis-6379
Partition / Path	Common
Description	
Availability	🟢 Available (Enabled) - The pool is available

Configuration: Advanced ▼

	Active	Available
Health Monitors	/Common redis-is-master-custom	/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 ▼	



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 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 5

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 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 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 8

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.

Answer: A

NEW QUESTION 9

An organization needs to deploy an HTTP application on a BIG-IP system. The requirements specify hardware acceleration to enhance performance, while HTTP optimization features are not required.

What type of virtual server and associated protocol profile should be used to meet these requirements? (Choose one answer)

- A. Type: Stateless Protocol Profile: fastL4
- B. Type: Standard Protocol Profile: tcp-wan-optimized
- C. Type: Performance (Layer 4) Protocol Profile: fastL4
- D. Type: Performance (HTTP) Protocol Profile: fasthttp

Answer: C

NEW QUESTION 10

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 10

The BIG-IP Administrator wants to provide quick failover between the F5 LTM devices that are configured in an HA Pair with a single traffic-group. The BIG-IP Administrator wants to implement the Mac Masquerade feature for this quick failover and run 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 of this, the BIG-IP Administrator must 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?

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

Answer: C

NEW QUESTION 11

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 13

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 16

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 17

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