



# **F5-Networks**

## **Exam Questions 201**

TMOS Administration

### NEW QUESTION 1

A BIG-IP Administrator notices that one of the servers that runs an application is NOT receiving any traffic. The BIG-IP Administrator examines the configuration status of the application and observes the displayed monitor configuration and affected Pool Member status.



What is the possible cause of this issue?

- A. The Node Health Monitor is NOT responding.
- B. The application is NOT responding with the expected Receive String.
- C. HTTP 1.1 is NOT appropriate for monitoring purposes.
- D. The BIG-IP device is NOT able to reach the Pool.

**Answer: A**

### NEW QUESTION 2

A BIG-IP Administrator explicitly creates a traffic group on a BIG-IP device.

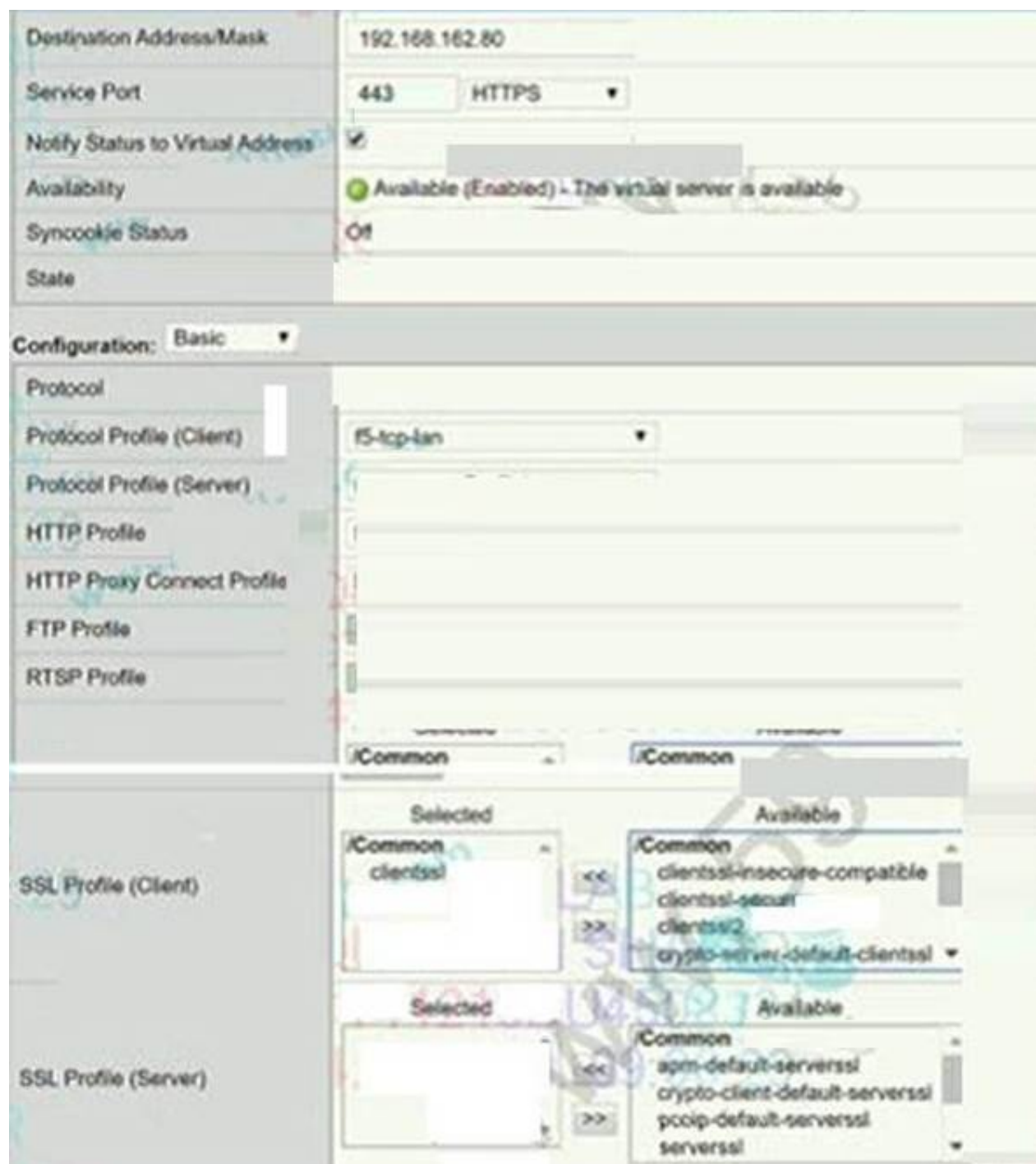
Which two types of configuration objects can be associated with this traffic group? (Choose two.)

- A. Pool Members
- B. Virtual Addresses
- C. iRules
- D. VLANS
- E. Application Instances

**Answer: BE**

### NEW QUESTION 3

Refer to the exhibit.



The screenshot shows the BIG-IP configuration interface. At the top, the 'Destination Address/Mask' is set to 192.168.162.80, 'Service Port' is 443, and 'HTTPS' is selected. The 'Notify Status to Virtual Address' checkbox is checked. The 'Availability' status is 'Available (Enabled)' with a green circle icon. The 'Synccookie Status' is 'Off'. Below this, the 'Configuration' tab is set to 'Basic'. On the left, the 'SSL Profile (Client)' and 'SSL Profile (Server)' are highlighted. The main area shows two lists of profiles: 'Selected' and 'Available'. In the 'Selected' list, 'Common clientssl' is selected. In the 'Available' list, 'Common clientssl-insecure-compatible', 'Common clientssl-secure', 'Common clientssl2', and 'Common crypto-server-default-clientssl' are listed. Below this, another 'Selected' and 'Available' list shows 'Common apm-default-serverssl', 'Common crypto-client-default-serverssl', 'Common pccip-default-serverssl', and 'Common serverssl'.

A BIG-IP Administrator needs to deploy an application on the BIG-IP system to perform SSL offload and re-encrypt the traffic to pool members. During testing, users are unable to connect to the application. What must the BIG-IP Administrator do to resolve the issue?

- A. Remove the configured SSL Profile (Client)
- B. Configure Protocol Profile (Server) as splitsession-default-tcp
- C. Enable Forward Proxy in the SSL Profile (Client)
- D. Configure an SSL Profile (Server)

**Answer: D**

**Explanation:**

According to the requirements of the subject, the client and server must be configured with ssl profile.

**NEW QUESTION 4**

Some users who connect to a busy Virtual Server have connections reset by the BIG-IP system. Pool member resources are NOT a factor in this behavior. What is a possible cause for this behavior?

- A. The Connection Rate Limit is set too high
- B. The server SSL Profile has NOT been reconfigured.
- C. The Connection Limit is set too low.
- D. The Rewrite Profile has NOT been configured.

**Answer: C**

**Explanation:**

The topic explains that the connection reset behavior is caused by the vs configuration rather than the server resource problem. The answers B C are all configuration at the service forwarding level. If there is a problem with the configuration, it is all a problem rather than some users. Answer C's Connection Limit will cause a reset behavior when the connection reaches the threshold.

**NEW QUESTION 5**

A BIG-IP Administrator receives an RMA replacement for a failed F5 device. The BIG-IP Administrator tries to restore a UCS taken from the previous device, but the restore fails. The following error appears in the /var/log/itm.

mcpd [\*\*\*J: \*\*\*\*\*];0; License is not operational (expired or digital signature does not match contents.)

What should the BIG-IP Administrator do to avoid this error?

- A. Use the appropriate tmsh command with the no-license option
- B. Revoke the license prior to restoring
- C. Reactivate the license on the new device using the manual activation method
- D. Remove the license information from the UCS archive

**Answer:** A

#### NEW QUESTION 6

A BIGJP Administrator needs to load a UCS file but must exclude the license file. How should the administrator perform this task?

- A. From the CLI with command U tmsh load /\$sys ucs <ucs filename> no-license
- B. From the GUI, select the UCS file, unchcck the license box, and click restore
- C. From the CLI with command(tmsh)« tmsh load /sys ucs <ucs filename> no-license
- D. From the GUI, select the UCS file and click restore

**Answer:** A

#### NEW QUESTION 7

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.

**Answer:** B

#### NEW QUESTION 8

A site is load balancing to a pool of web servers. Which statement is true concerning BIG IP's ability to verify whether the web servers are functioning properly or not?

- A. Web server monitors can test the content of any page on the server.
- B. Web server monitors always verify the contents of the index.html page.
- C. Web server monitors can test whether the server's address is reachable, but cannot test a page's content.
- D. Web server monitors can test the content of static web pages, but cannot test pages that would require the web server to dynamically build content.

**Answer:** A

#### NEW QUESTION 9

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.

**Answer:** C

#### NEW QUESTION 10

A BIG-IP Administrator runs the initial configuration wizard and learns that the NTP servers were invalid. In which area of the Configuration Utility should the BIG-IP Administrator update the list of configured NTP servers?

- A. System > Configuration
- B. System > Services
- C. System > Preferences
- D. System > Platform

**Answer:** A

#### NEW QUESTION 10

A site has six members in a pool. All of the servers have been designed, built, and configured with the same applications. It is known that each client's interactions vary significantly and can affect the performance of the servers. If traffic should be sent to all members on a regular basis, which loadbalancing mode is most effective if the goal is to maintain a relatively even load across all servers?

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

**Answer:** C

#### NEW QUESTION 12

Which statement is true about the synchronization process, as performed by the Configuration Utility or by typing b config sync all?

- A. The process should always be run from the standby system.
- B. The process should always be run from the system with the latest configuration.
- C. The two /config/bigip.conf configuration files are synchronized (made identical) each time the process is run.
- D. Multiple files, including /config/bigip.conf and /config/bigip\_base.conf, are synchronized (made identical) each time the process is run.

**Answer:** C

#### NEW QUESTION 14

Which statement is true concerning SSL termination?

- A. A virtual server that has both ClientSSL and ServerSSL profiles can still support cookie persistence.
- B. Decrypting traffic at the BIG-IP allows the use of iRules for traffic management, but increases the load on the pool member.
- C. When any virtual server uses a ClientSSL profile, all SSL traffic sent to the BIG-IP is decrypted before it is forwarded to servers.
- D. If a virtual server has both a ClientSSL and ServerSSL profile, the pool members have less SSL processing than if the virtual server had only a ClientSSL profile.

**Answer:** A

#### NEW QUESTION 19

A VLAN has the following objects configured:

Self-IP 10.10.10.100 with port lockdown set to Allow default Virtual server 10.10.10.100:443 with UDP profile enabled Virtual server 10.10.10.0/24 port forwarding virtual server

Global destination NAT forwarding 10.10.10.100 to internal server 172.168.10.100

Which object will process this request when https://10.10.10.100 is entered into a browser?

- A. self-IP 10.10.10.100 with port lockdown set to Allow default
- B. virtual server 10.10.100/24 port o forwarding virtual server
- C. global destination NAT forwarding 10.10.10.100 to internal server 172.168.10.100
- D. virtual server 10.10.10.100.443 with UDP profile enabled

**Answer:** A

#### NEW QUESTION 23

When network failover is enabled, which of the following is true?

- A. The failover cable status is ignore
- B. Failover is determined by the network status only.
- C. Either a network failure or loss of voltage across the failover cable will cause a failover.
- D. A network failure will not cause a failover as long as there is a voltage across the failover cable.
- E. The presence or absence of voltage over the fail over cable takes precedence over network failover.

**Answer:** C

#### NEW QUESTION 28

A site has assigned the ICMP monitor to all nodes and a custom monitor, based on the HTTP template, to a pool of web servers. The HTTP based monitor is working in all cases. The ICMP monitor is failing for 2 of the pool member 5 nodes. All other settings are default. What is the status of the monitor is working in all cases?

- A. All pool members are up since the HTTPbased monitor is successful.
- B. All pool members are down since the ICMPbased monitor is failing in some cases.
- C. The pool members whose nodes are failing the ICMPbased monitor will be marked disabled.
- D. The pool members whose nodes are failing the ICMPbased monitor will be marked unavailable.

**Answer:** D

#### NEW QUESTION 33

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 34

Refer to the exhibit.



<input checked="" type="checkbox"/>	Status	Member	Address	Service Port
<input type="checkbox"/>		10.200.50.210:80	10.200.50.210	80
<input type="checkbox"/>		10.200.50.210:21	10.200.50.210	21
<input type="checkbox"/>		10.200.50.211:443	10.200.50.211	443
<input type="checkbox"/>		10.200.50.211:22	10.200.50.211	22

Buttons: Enable, Disable, Force Offline, Remove

A BIG-IP Administrator needs to configure health monitors for a newly configured server pool named Pool\_B.

Which health monitor settings will ensure that all pool members will be accurately marked as available or unavailable?



- A. HTTPS, HTTP, FTP, and ICMP, with the Availability Requirement of all health monitors
- B. HTTPS, HTTP, FTP, and SSH, with the Availability Requirement of at least one monitor
- C. HTTPS and HTTP with the Availability Requirement of at least one health monitor
- D. HTTPS, HTTP, FTP, and SSH with the Availability Requirement of all health monitors

**Answer:** B

**Explanation:**

From the port, the four members are HTTP, FTP, HTTPS, and SSH applications. If you want to monitor at the same time, you must configure at least one.

**NEW QUESTION 35**

A web server administrator informs the BIG-IP Administrator that web servers are overloaded Starting next month, the BIG-IP device will terminate SSL to reduce web server load. The BIG-IP device is ready using client SSL client profile and Rules on HTTP level. What actions should the BIG-IP Administrators to achieve the desired configuration?

- A. Remove the server SSL profile and configure the Pool Members to use HTTP
- B. Remove the client SSL profile and configure the Pool Members to US HTTP
- C. Remove the chart SSL profile and change the Virtual Server to accept HTTP
- D. Remove the server SSL profile and change the Virtual Server to accept HTTP traffic

**Answer:** A

**NEW QUESTION 36**

Assume a client's traffic is being processed only by a NAT; no SNAT or virtual server processing takes place. Also assume that the NAT definition specifies a NAT address and an origin address while all other settings are left at their defaults. If the origin server were to initiate traffic via the BIG-IP, what changes, if any, would take place when the BIG-IP processes such packets?

- A. The BIG-IP would drop the request since the traffic didn't arrive destined to the NAT address.
- B. The source address would not change, but the destination address would be changed to the NAT address.
- C. The source address would be changed to the NAT address and destination address would be left unchanged.
- D. The source address would not change, but the destination address would be changed to a self-IP of the BIG-IP.

**Answer:** C

**NEW QUESTION 40**

An LTM device has a virtual server mapped to www.f5.com with a pool assigned. Users report that when browsing, they are periodically required to re-login to /resources/201.1.7.b.2\_l.com. The objects are defined as follows:

Virtual server. Destination 192.168.245.100:443 netmask 255.255.255.0 Persistence: SSL session persistence

Profiles: HTTP/TCP

Which persistence method should the BIG-IP Administrator apply to resolve this issue?

- A. Source address affinity
- B. hexadecimal
- C. SIP
- D. Destination address affinity

**Answer:** A

**NEW QUESTION 43**

A BIG-IP Administrator wants to add the ASM Module to an HA pair of BIG-IP devices. The BIG-IP Administrator has already installed a new Add-On License on both devices in the HA pair. What should the BIG-IP Administrator do next to use the module?

- A. Provision the new module on both BIG-IP device's
- B. Synchronize both BIG-IP devices
- C. Reboot both BIG-IP devices
- D. Reactivate the Licenses on both BIG IP devices

**Answer:** A

**NEW QUESTION 47**

A BIG-IP Administrator reviews the log files to determine the cause of a recent problem and finds the following entry.

Mar 27.07.58.48 local/BIG-IP notice mcpd {5140} 010707275 Pool member 172.16.20.1.10029 monitor status down.

What is the cause of this log message?

- A. The pool member has been disabled.
- B. The pool member has been marked as Down by the BIG-IP Administrator.
- C. The monitor attached to the pool member needs a higher timeout value.
- D. The monitor attached to the pool member has failed.

**Answer:** D

**NEW QUESTION 51**

A site wishes to perform source address translation on packets from some clients but not others. The determination is not based on the client's IP address, but on the virtual servers their packets arrive on. What could best accomplish this goal?

- A. A SNAT for all addresses could be defined, and then disable the SNAT processing for select VLANs.
- B. Some virtual servers could be associated with SNAT pools and others not associated with SNAT pools.

- C. The decision to perform source address translation is always based on VLA
- D. Thus, the goal cannot be achieved.
- E. The decision to perform source address translation is always based on a client's address (or network). Thus, this goal cannot be achieved.

**Answer:** B

#### NEW QUESTION 53

A BIG-IP Administrator makes a configuration change to the BIG-IP device. Which file logs the message regarding the configuration change?

- A. /var/log/messages
- B. /var/log/audit
- C. /var/log/user.log
- D. /var/log/secure

**Answer:** B

#### Explanation:

About audit logging

Audit logging is an optional feature that logs messages whenever a BIG-IP® system object, such as a virtual server or a load balancing pool, is confined (that is, created, modified, or deleted). The BIG-IP system logs the messages for these auditing events in the file /var/log/audit

There are three ways that objects can be configured

- By user action
- By system action
- By loading configuration data

Whenever an object is configured in one of these ways, the BIG-IP system logs a message to the audit log

#### NEW QUESTION 58

A site needs a virtual server that will use an iRule to parse HTTPS traffic based on HTTP header values. Which two profile types must be associated with such a virtual server? (Choose two.)

- A. TCP
- B. HTTP
- C. HTTPS
- D. ServerSSL

**Answer:** AB

#### NEW QUESTION 59

A BIG-IP Administrator reviews the Plane CPU Usage performance chart and discovers a high percentage of Control Plane utilization. Which type of traffic does this indicate a higher usage of?

- A. Administrative
- B. Tunnel
- C. Accelerated ,
- D. Application

**Answer:** A

#### NEW QUESTION 63

A BIG-IP Administrator needs to make sure that the automatic update check feature works properly. What must the administrator configure on the BIG-IP system?

- A. Update Check Schedule
- B. NTP servers
- C. DNS name servers
- D. SMTP servers

**Answer:** A

#### NEW QUESTION 67

Refer to the exhibit.

**Load Balancing**

Load Balancing Method: Round Robin

Priority Group Activation: Less than 2 Available Member(s)

Update

**Current Members**

Member	Address	Ratio	Priority Group	Connection Limit	Partition /
<input type="checkbox"/> <span>10.21.0.101.80</span>	10.21.0.101	10	4 (Active)	0	Common
<input type="checkbox"/> <span>10.21.0.102.80</span>	10.21.0.102	10	6 (Active)	0	Common
<input type="checkbox"/> <span>10.21.0.103.80</span>	10.21.0.103	10	1 (Active)	0	Common
<input type="checkbox"/> <span>10.21.0.104.80</span>	10.21.0.104	10	7 (Active)	0	Common
<input type="checkbox"/> <span>10.21.0.105.80</span>	10.21.0.105	10	1 (Active)	0	Common

Enable Disable Remove

Which two pool members are eligible to receive new connections? (Choose two)

- A. 10.21.0.102.80
- B. 10.21.0.104.80
- C. 10.21.0.105.80
- D. 10.21.0.101.80
- E. 10.21.0.103.80

**Answer:** BD

#### NEW QUESTION 70

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 nonstandard combinations.
- D. Provisioning allows the administrator to see what modules are licensed, but no user action is ever required.

**Answer:** B

#### NEW QUESTION 75

When initially configuring the BIG-IP system using the config utility, which two parameters can be set? (Choose two.)

- A. the netmask of the SCCP
- B. the IP address of the SCCP
- C. the port lockdown settings for the SCCP
- D. the netmask of the host via the management port
- E. the IP address of the host via the management port
- F. the port lockdown settings for the host via the management port

**Answer:** DE

#### NEW QUESTION 77

All pool members are online. All other virtual server settings are at default What might after the load balancing behavior?

- A. enabling SNAT automap
- B. enabling a fallback host in the http profile
- C. adding a oneconnect profile
- D. adding a persistence profile

**Answer:** D

#### NEW QUESTION 82

When can a single virtual server be associated with multiple profiles?

- A. Neve
- B. Each virtual server has a maximum of one profile.
- C. Ofte
- D. Profiles work on different layers and combining profiles is common.
- E. Rarel
- F. One combination, using both the TCP and HTTP profile does occur, but it is the exception.
- G. Unlimite
- H. Profiles can work together in any combination to ensure that all traffic types are supported in a given virtual server.

**Answer:** B

#### NEW QUESTION 84

Refer to the exhibit.

A user notifies the BIG-IP Administrator that <http://remote company.com> is NOT accessible. Remote access to company resources must be encrypted.



What should the BIG-IP Administrator do to fix the issue?

- A. Change the Listening Port on remote.company.com\_vs to Port 80
- B. Add a Pool to the Virtual Server remote.company.com\_VS
- C. Add an iRule to remote.company.com\_vs to redirect Traffic to HTTPS
- D. Change the Type of the Virtual Server remote.company.com\_vs to Forwarding

**Answer:** C

**Explanation:**

Requiring all traffic to be HTTPS access requires HTTP requests to be redirected directly to HTTPS.

**NEW QUESTION 88**

A BIG-IP Administrator opens a case with F5 Support. The support engineer requests the BIG-IP appliance chassis serial number. Which TMSH command will provide this information?

- A. . list /sys software
- B. show /sys version
- C. list/sys diags
- D. show /sys hardware

**Answer:** D

**NEW QUESTION 92**

Generally speaking, should the monitor templates be used as production monitors or should they be customized prior to use.

- A. Most templates, such as http and tcp, are as effective as customized monitors.
- B. Monitor template customization is only a matter of preference, not an issue of effectiveness or performance.
- C. Most templates, such as https, should have the receive rule customized to make the monitor more robust.
- D. While some templates, such as ftp, must be customized, those that can be used without modification are not improved by specific changes.

**Answer:** C

**NEW QUESTION 96**

A new BIG-IP VE is deployed with default settings. The BIG-IP Administrator completes the setup utility in the Configuration Utility. The internal self IP address fails to respond to a ping request. What is a possible cause of this issue?

- A. Port lockdown on internal self IP is set to Allow None
- B. Route is NOT assigned to internal self IP.
- C. Internal interface VLAN is set to untagged
- D. Internal interface VLAN is set to tagged

**Answer:** D

**NEW QUESTION 97**

Refer to the exhibit.



According to the shown Configuration Utility stings What is the setting of the User Directory configuration under the Authentication submenu?

- A. Local
- B. Managed
- C. Remote-TACACS+
- D. Default system configuration

**Answer:** C

**NEW QUESTION 99**

Assume a virtual server has a ServerSSL profile. What SSL certificates are required on the pool members?

- A. No SSL certificates are required on the pool members.
- B. The pool members.SSL certificates must only exist.
- C. The pool members.SSL certificates must be issued from a certificate authority.
- D. The pool members.SSL certificates must be created within the company hosting the BIGIPs.

**Answer:** B

#### NEW QUESTION 103

The incoming client IP address is 195.64.45.52 and the last five connections have been sent to members A, C, E, D and B. Given the virtual server, pool, and persistence definitions and statistics shown in the above graphic, which member will be used for the next connection?

- A. 10.10.20.1:80
- B. 10.10.20.2:80
- C. 10.10.20.3:80
- D. 10.10.20.4:80
- E. 10.10.20.5:80
- F. It cannot be determined with the information given.

**Answer:** C

#### NEW QUESTION 108

Which three methods can be used for initial access to a BIG-IP system? (Choose three.)

- A. CLI access to the serial console port
- B. SSH access to the management port
- C. SSH access to any of the switch ports
- D. HTTP access to the management port
- E. HTTP access to any of the switch ports
- F. HTTPS access to the management port
- G. HTTPS access to any of the switch ports

**Answer:** ABF

#### NEW QUESTION 113

As a part of the Setup Utility, the administrator sets the host name for the BIG IP. What would be the result if the two systems in a redundant pair were set to the same host name?

- A. Host names do not matter in redundant pair communication.
- B. In a redundant pair, the two systems will always have the same host name.
- C. The parameter is synchronized between the systems.
- D. The first time the systems are synchronized the receiving system will be assigned the same self-IP addresses as the source system.
- E. When the administrator attempts to access the configuration utility using the host name, they will always connect to the active system.

**Answer:** C

#### NEW QUESTION 114

A BIG-IP Administrator is receiving intermittent reports from users that SSL connections to the BIG-IP device are failing. Upon checking the log files, the BIG-IP Administrator notices the following error message:

ere tmm<instance>[<pid>]: 01260008:3: SSL transaction (TPS) rate limit reached

After reviewing statistics, the BIG-IP Administrator notices there are a maximum of 1200 client-side SSL TPS and a maximum of 800 server-side SSL TPS.

What is the minimum SSL license limit capacity the BIG-IP Administrator should upgrade to handle this peak?

- A. 2000
- B. 400
- C. 800
- D. 1200

**Answer:** D

#### NEW QUESTION 116

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 event distribution?

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

**Answer:** C

#### NEW QUESTION 117

You need to terminate client SSL traffic at the BIG-IP and also to persist client traffic to the same pool member based on a BIG IP supplied cookie. Which four are profiles that would normally be included in the virtual server's definition? (Choose four.)

- A. TCP
- B. HTTP
- C. HTTPS
- D. ClientSSL
- E. ServerSSL
- F. CookieBased Persistence

**Answer:** ABDF

#### NEW QUESTION 122

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 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 125

Which is an advantage of terminating SSL communication at the BIGIP rather than the ultimate web server?

- A. Terminating SSL at the BIG-IP can eliminate SSL processing at the web servers.
- B. Terminating SSL at IP the eliminates BIG all unencrypted traffic from the internal network.
- C. Terminating SSL at the BIG-IP eliminates the need to purchase SSL certificates from a certificate authority.
- D. Terminating SSL at the BIG-IP eliminates the need to use SSL acceleration hardware anywhere in the network.

**Answer:** A

#### NEW QUESTION 128

Assume a virtual server has a ServerSSL profile. What SSL certificates are required on the BIG-IP?

- A. No SSL certificates are required on the BIG-IP.
- B. The BIG-IP's SSL certificates must only exist.
- C. The BIG-IP's SSL certificates must be issued from a certificate authority.
- D. The BIG-IP's SSL certificates must be created within the company hosting the BIG-IPs.

**Answer:** A

#### NEW QUESTION 129

A BIG-IP Administrator contacts F5 Support, which identifies a suspected hardware failure. Which information should the BIG-IP Administrator provide to F5 Support?

- A. Qkview, EUD output
- B. Qkview, UCS archive, core files
- C. Qkview, part numbers for failed components
- D. Qkview, packet capture, UCS archive

**Answer:** A

#### NEW QUESTION 131

Assuming there are open connections through an active system's NAT and a fail over occurs, by default, what happens to those connections?

- A. All open connections will be lost.
- B. All open connections will be maintained.
- C. The "Mirror" option must be chosen on the NAT and the setting synchronized prior to the connection establishment.
- D. Longlived connections such as Telnet and FTP will be maintained while shortlived connections such as HTTP will be lost.
- E. All open connections are lost, but new connections are initiated by the newly active BIG IP, resulting in minimal client downtime.

**Answer:** B

#### NEW QUESTION 133

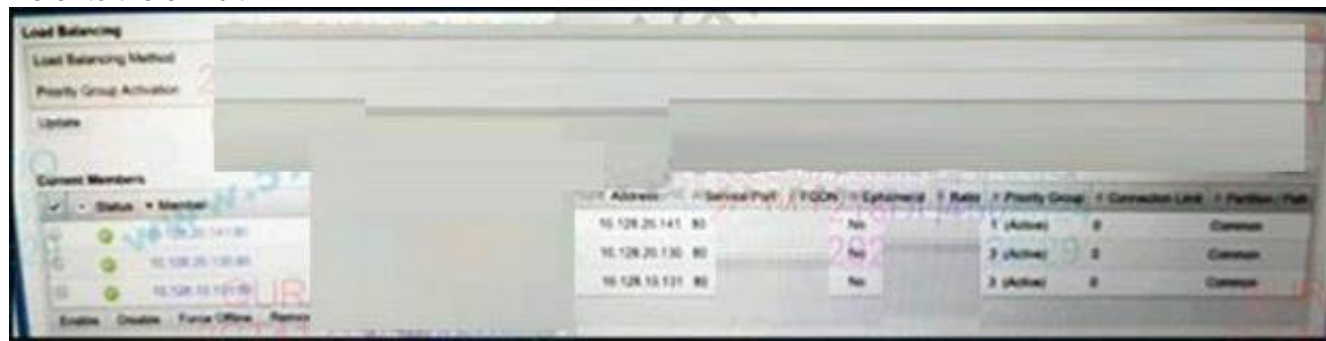
Which two methods can be used to determine which BIG-IP is currently active? (Choose two.)

- A. The bigtop command displays the status.
- B. Only the active system's configuration screens are active.
- C. The status (Active/Standby) is embedded in the command prompt.
- D. The ifconfig a command displays the floating addresses on the active system.

**Answer:** AC

#### NEW QUESTION 137

Refer to the exhibit.



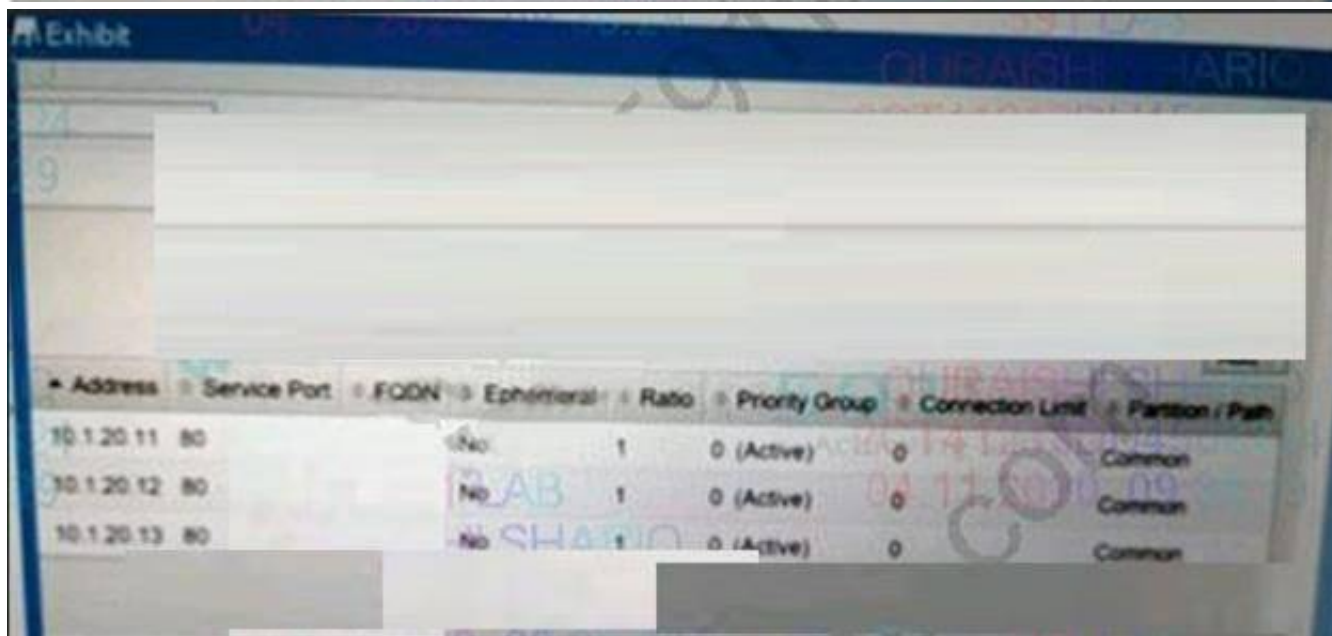
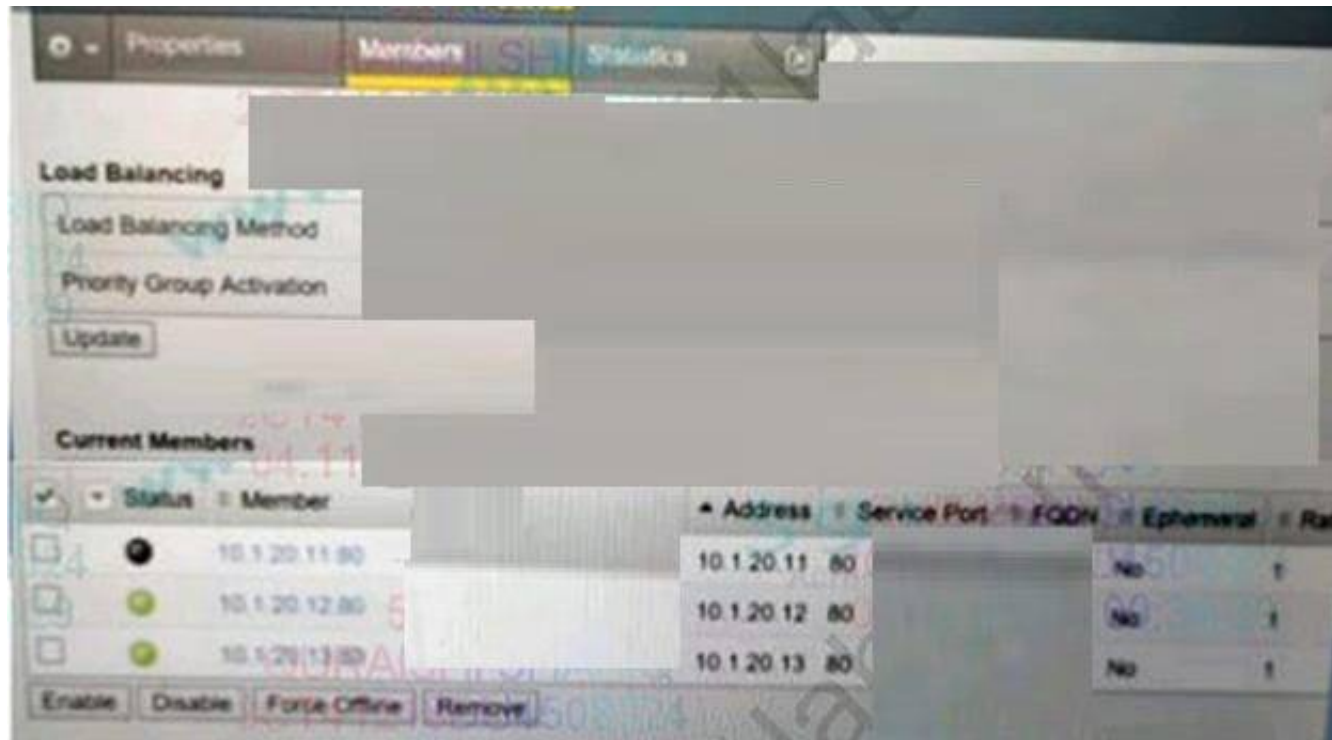
How are new connections load balanced?

- A. To the first two members listed with the same priority group
- B. To the pool member with the least number of connections
- C. To the pool member with a high priority group value defined
- D. To the pool member with a low priority group value defined

**Answer: B**

#### NEW QUESTION 142

Refer to the exhibit.



During maintenance, the BIG-IP Administrator manually disables a pool member as shown. What is the result?

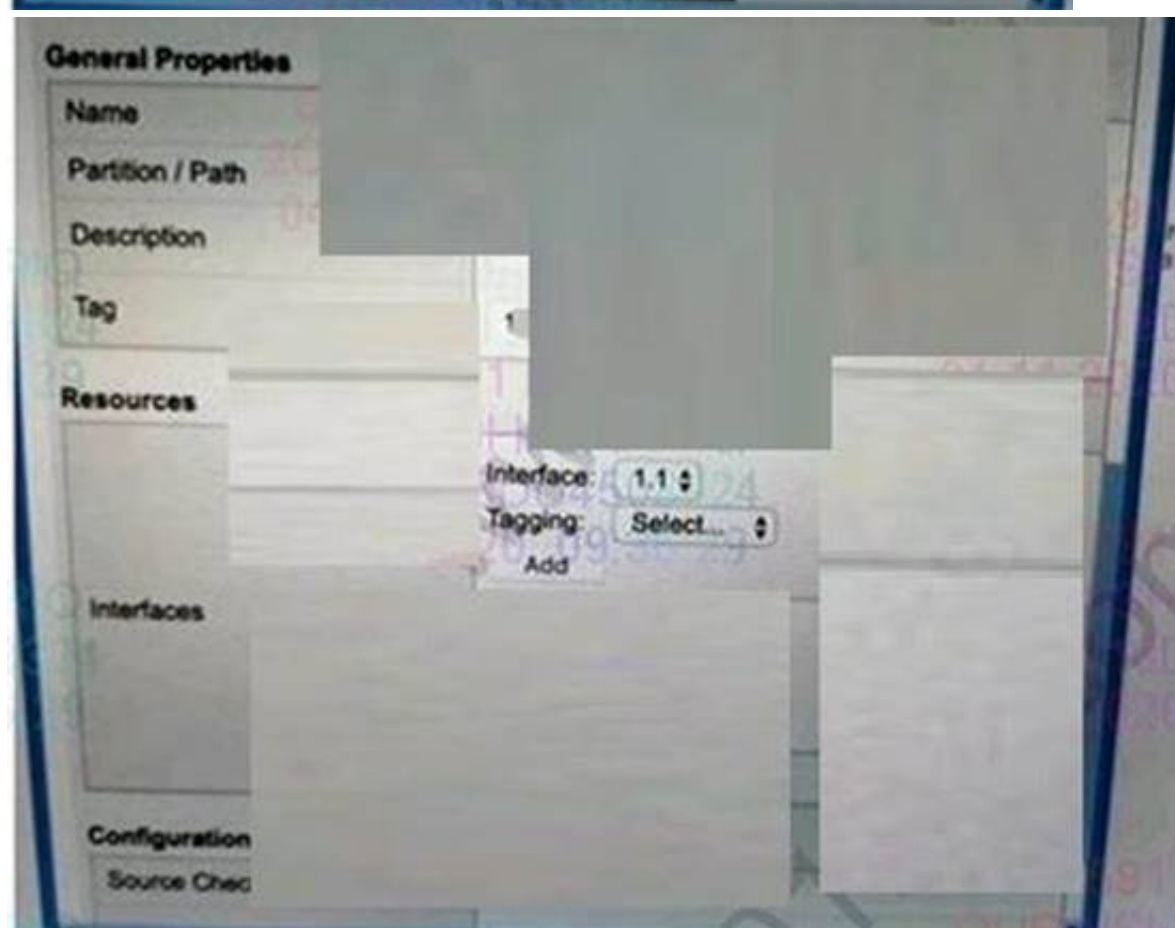
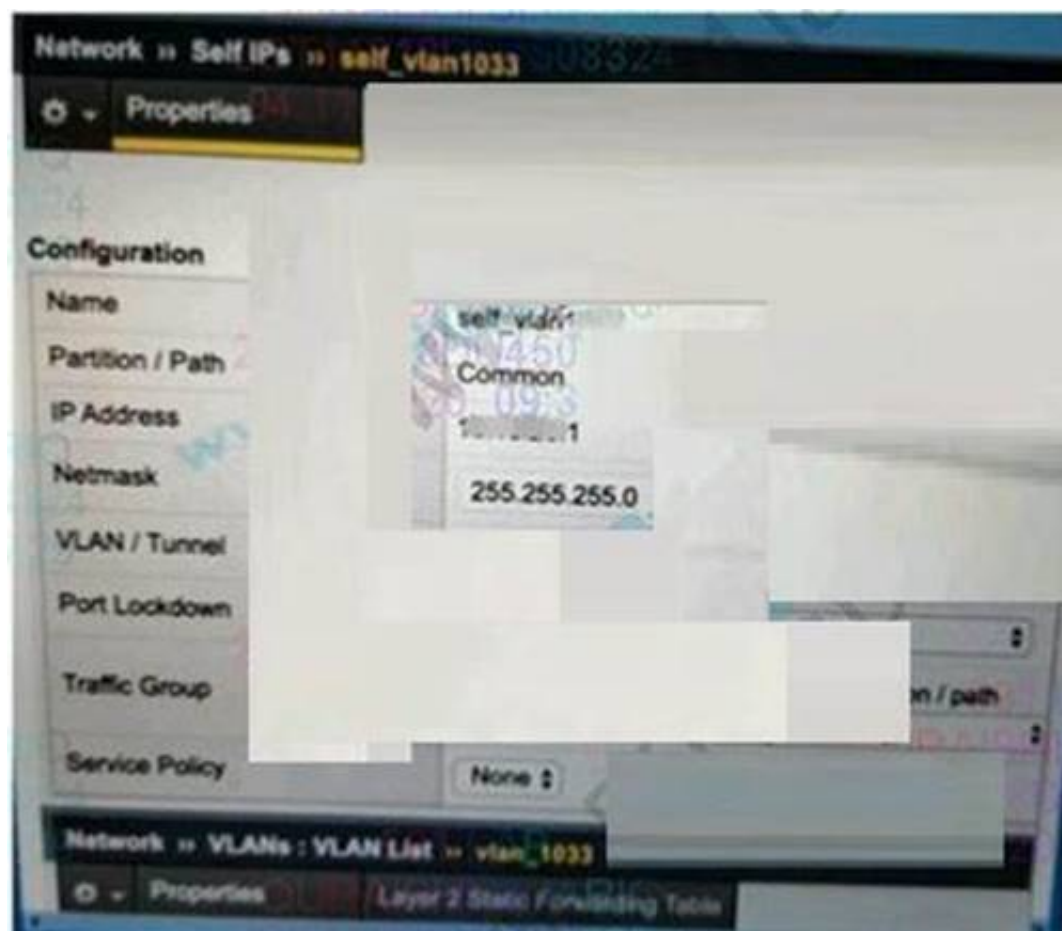
- A. All pool members continue to process persistent connections
- B. All pool members stop accepting new connections.
- C. The disabled pool member stops processing persistent connections.
- D. The disabled pool member stops processing existing connections

**Answer: A**

#### NEW QUESTION 143

Refer to the exhibit





The network team creates a new VLAN on the switches. The BIG-IP Administrator needs to create a configuration on the BIG-IP device. The BIG-IP Administrator creates a new VLAN and Self IP, but the servers on the new VLAN are NOT reachable from the BIG-IP device. Which action should the BIG-IP Administrators to resolve this issue?

- A. Set Port Lockdown of Set IP to Allow All
- B. Change Auto Last Hop to enabled
- C. Assign a physical interface to the new VLAN
- D. Create a Floating Set IP Address

**Answer: C**

#### NEW QUESTION 145

Which type of Virtual Server requires the use of a FastL4 profile?

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

**Answer: A**

#### NEW QUESTION 148

Which method is recommended for creating a new user from the CLI?

- A. Run 'f5adduser username' then 'f5passwd username' from bash or tmsh
- B. Run 'tmsh create auth user username prompt for password' from bash
- C. edit bigip.conf to add the new user and the user's clear-text password



D. Run `useradd username` then `'passwd username'` from `bash tmsh`

**Answer:** B

#### NEW QUESTION 153

Assuming other failover settings are at their default state, what would occur if the failover cable were to be disconnected for five seconds and then reconnected?

- A. As long as network communication is not lost, no change will occur.
- B. Nothin
- C. Failover due to loss of voltage will not occur if the voltage is lost for less than ten seconds.
- D. When the cable is disconnected, both systems will become activ
- E. When the voltage is restored, unit two will revert to standby mode.
- F. When the cable is disconnected, both systems will become activ
- G. When the voltage is restored, both systems will maintain active mode.

**Answer:** C

#### NEW QUESTION 157

Refer to the exhibit.



How many nodes are represented on the network map shown?

- A. Four
- B. Three
- C. One
- D. Two

**Answer:** B

#### NEW QUESTION 162

Which two statements are true concerning the default communication between a redundant pair of BIG-IP systems? (Choose two.)

- A. Synchronization occurs via a TCP connection using ports 683 and 684.
- B. Connection mirroring data is shared via a TCP connection using port 1028.
- C. Persistence mirroring data is shared via a TCP connection using port 1028.
- D. Connection mirroring data is shared through the serial fail over cable unless network failover is enabled.

**Answer:** BC

#### NEW QUESTION 164

A virtual server is defined using a source address based persistence profile. The last five connections were A, B, C, A, C . Given the conditions shown in the graphic, if a client with IP address 205.12.45.52 opens a connection to the virtual server, which member will be used for the connection?

- A. 10.10.20.1:80
- B. 10.10.20.2:80
- C. 10.10.20.3:80
- D. 10.10.20.4:80
- E. 10.10.20.5:80

**Answer:** B

#### NEW QUESTION 165

Refer to the exhibit.

Which two pool members should be chosen for a new connection? (Choose two.)

- A. 172.16.15.9.80
- B. 172.16.15.4.80
- C. 172.10.15.2.80
- D. 172.16.15.1.80
- E. 172.16.15.7.80

**Answer:** BE

#### NEW QUESTION 170

A BIG-IP Administrator is configuring a pool with members who have differing capabilities. Connections to pool members must be load balanced appropriately. Which load balancing method should the BIG-IP Administrator use?

- A. Least Sessions
- B. Least Connections (member)

- C. Fastest (node)
- D. Weighted Least Connections (member)

**Answer:** D

#### NEW QUESTION 175

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