

## F5.101.v2022-10-28.q132

|                                                                                                                                                 |                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Exam Code:                                                                                                                                      | 101                                    |
| Exam Name:                                                                                                                                      | Application Delivery Fundamentals Exam |
| Certification Provider:                                                                                                                         | F5                                     |
| Free Question Number:                                                                                                                           | 132                                    |
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| # of views:                                                                                                                                     | 2294                                   |
| # of Questions views:                                                                                                                           | 1320                                   |
| <a href="https://www.exam-tests.com/101-exam/F5.101.v2022-10-28.q132.html">https://www.exam-tests.com/101-exam/F5.101.v2022-10-28.q132.html</a> |                                        |

### NEW QUESTION: 1

How is traffic flow through transparent virtual servers different from typical virtual servers?

- A. Traffic flow through transparent virtual servers is not load balanced.
- B. Traffic flow through transparent virtual servers does not have IP address translation performed.
- C. Traffic flow through transparent virtual servers must be forwarded through a single routing device.
- D. Traffic flow through transparent virtual servers is bridged (leave IP and MAC addresses intact) rather than routed (leave IP address intact but change the MAC addresses).

**Answer: B** ([LEAVE A REPLY](#))

### NEW QUESTION: 2

Select the key question you would use to ask your customer related to DNS attacks?

- A. Do you over-provision your DNS infrastructure?
- B. Do you regularly update BIND or some other DNS application to the latest release?
- C. Do you rely on your network firewall to protect your DNS server?
- D. How do you secure your DNS infrastructure against attacks?

**Answer: (**[SHOW ANSWER](#)**)**

Explanation/Reference:

Explanation:

### NEW QUESTION: 3

APM provides access control lists at which two OSI layers?

- A. Layer 5
- B. Layer 4
- C. Layer 7
- D. Layer 6
- E. Layer 2

**Answer: (SHOW ANSWER)**

Explanation/Reference:

Explanation:

#### **NEW QUESTION: 4**

Which two of the following statements are accurate descriptions of the ARX index?

- A.** The ARX index stores the bulk of its data as bit arrays and answers most questions by performing bitwise logical operations on these bitmaps
- B.** The ARX index contains the index keys in sorted order, with the leaf level of the index containing the pointer to the page and the row number in the data page
- C.** The ARX index is the key enabler of transparent data mobility because the ARX tracks where files reside at all times, from creation through migration and deletion
- D.** The ARX index is 100% disposable and can be rebuilt at any point in time without disrupting client or application access to data

**Answer: B,D (LEAVE A REPLY)**

Explanation/Reference:

Explanation:

#### **NEW QUESTION: 5**

The following request is sent to the BIG-IP ASM System:

GET http://www.example.local/financials/week1.xls?display=yes&user=john&logon=true Which of the following components in this requests line represent the query string?

- A.** /financials/week1.xls
- B.** display=yes&user=john&logon=true
- C.** /week1.xls
- D.** .xls

**Answer: B (LEAVE A REPLY)**

#### **NEW QUESTION: 6**

Which of the following statements are correct regarding Attack signatures? (Choose 2)

- A.** Individual Attack signatures can be assigned to the security policy. Only Attack signature sets can apply to the security policy. Individual Attack signatures can? be assigned to the security policy. Only Attack signature sets can apply to the security policy.
- B.** Attack signatures can apply to requests, responses, and parameters.
- C.** Attack signatures are the basis for positive security logic with the BIG-IP ASM System.
- D.** Any new Attack signature downloaded manually or automatically will be active and assigned directly to the security policy.

**Answer: A,B (LEAVE A REPLY)**

#### **NEW QUESTION: 7**

When sizing a WebAccelerator deployment, you should base the WA capacity on the LTMcapacity.

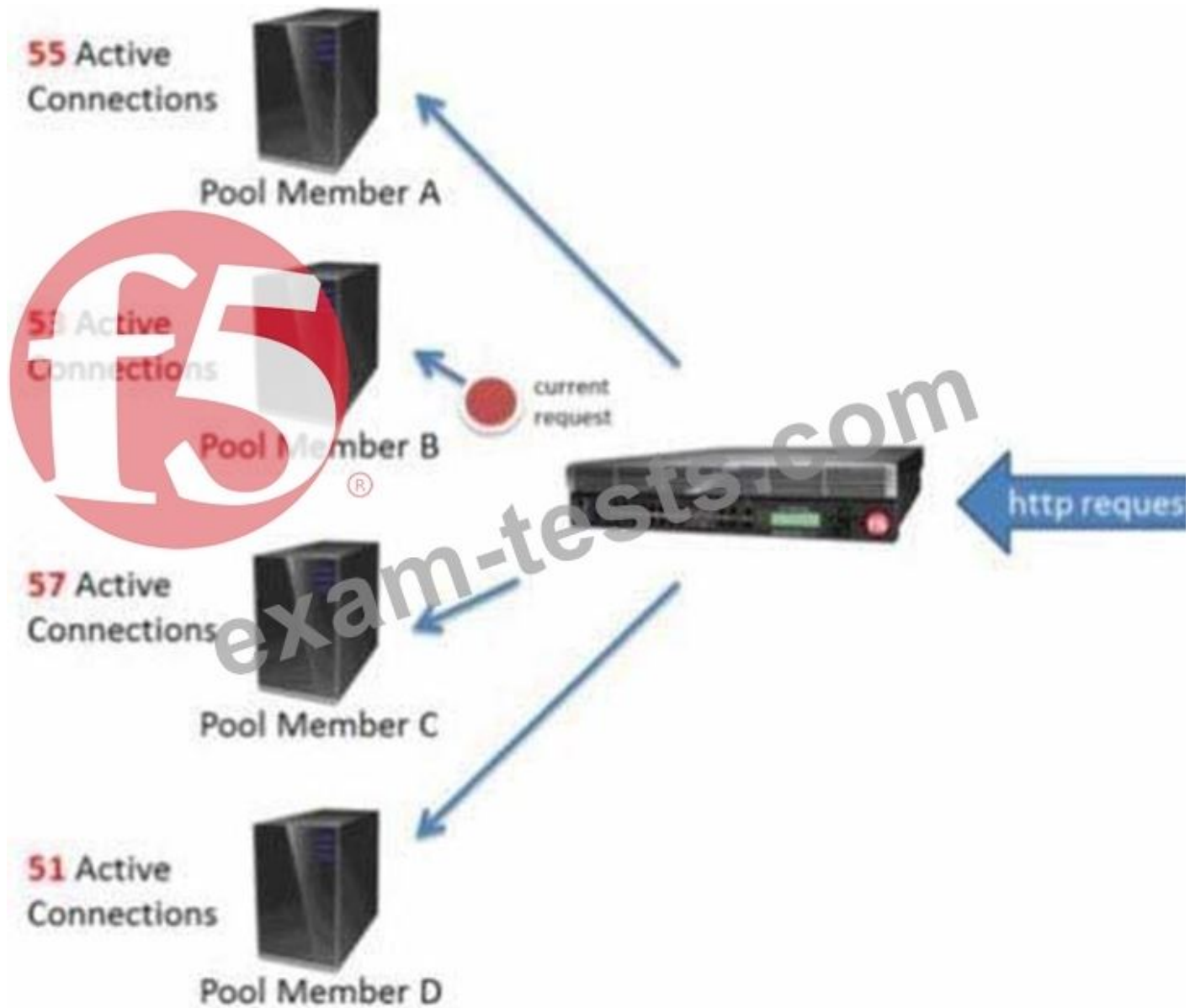
A. True

B. False

Answer: B ([LEAVE A REPLY](#))

#### NEW QUESTION: 8

If LTM uses the least connections load balancing method, which pool member in the following diagram receives the next request?



A. A

B. B

C. C

D. D

Answer: B ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

### NEW QUESTION: 9

In which scenario does the client act as a server?

- A. When an SMTP connection
- B. During an SMTP connection
- C. During an active FTP session
- D. When browsing websites

Answer: ([SHOW ANSWER](#))

### NEW QUESTION: 10

How is persistence configured.

| Persistence Table                               |               |               |
|-------------------------------------------------|---------------|---------------|
| All entries for the one virtual server and pool |               |               |
| Persistence Values                              | Member        | Age (Seconds) |
| 200.10.0.0                                      | 10.10.20.1:80 | 63            |
| 201.12.0.0                                      | 10.10.20.3:80 | 43            |
| 153.15.0.0                                      | 10.10.20.2:80 | 76            |
| 205.12.0.0                                      | 10.10.20.4:80 | 300           |
| 195.64.0.0                                      | 10.10.20.3:80 | 22            |
| 198.22.0.0                                      | 10.10.20.5:80 | 176           |
| 214.77.0.0                                      | 10.10.20.1:80 | 43            |

| Web_Pool Statistics |              |                 |                              |                  |           |
|---------------------|--------------|-----------------|------------------------------|------------------|-----------|
| Member              | Member Ratio | Member Priority | Outstanding Layer 7 Requests | Connection Count | Status    |
| 10.10.20.1:80       | 3            | 5               | 6                            | 18               | Available |
| 10.10.20.2:80       | 3            | 5               | 6                            | 12               | Available |
| 10.10.20.3:80       | 3            | 5               | 12                           | 5                | Disabled  |
| 10.10.20.4:80       | 1            | 1               | 8                            | 19               | Offline   |
| 10.10.20.5:80       | 1            | 1               | 4                            | 9                | Available |

| Virtual Server, Pool and Persistence Profile Settings |                 |                     |                   |                         |                |
|-------------------------------------------------------|-----------------|---------------------|-------------------|-------------------------|----------------|
| VS_Web_Pool Settings                                  |                 | Web_Pool Settings   |                   | Source Persist Settings |                |
| Destination                                           | 172.160.22.3:80 | Load Balancing      | Least Connections | Mode                    | Source Address |
| Profile(s)                                            | TCP             | Priority Activation | Less than 2       | Netmask                 | 255.255.0.0    |
| Pool                                                  | Web_Pool        | Monitor             | Done              | Timeout                 | 360 seconds    |
| iRules                                                | None            |                     |                   |                         |                |
| Persistence                                           | Source_Persist  |                     |                   |                         |                |

A. Persistence is an option for each pool member. When a pool is defined, each member's definition includes the option for persistence.

**B.** Persistence is a profile type; an appropriate profile is created and associated with virtual server.

**C.** Persistence is a global setting; once enabled, loadbalancing choices are superceded by the persistence method that is specified.

**D.** Persistence is an option within each pool's definition.

**Answer: B** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 11**

A server is capable of handling more connections than other servers in the same pool. Which load distribution method should the administrator choose?

**A.** Round Robin

**B.** Least Connections

**C.** Fastest

**D.** Ratio

**Answer: D** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 12**

When using a single BIG-IP with APM, an organization can support up to 60,000 concurrent remote access users.

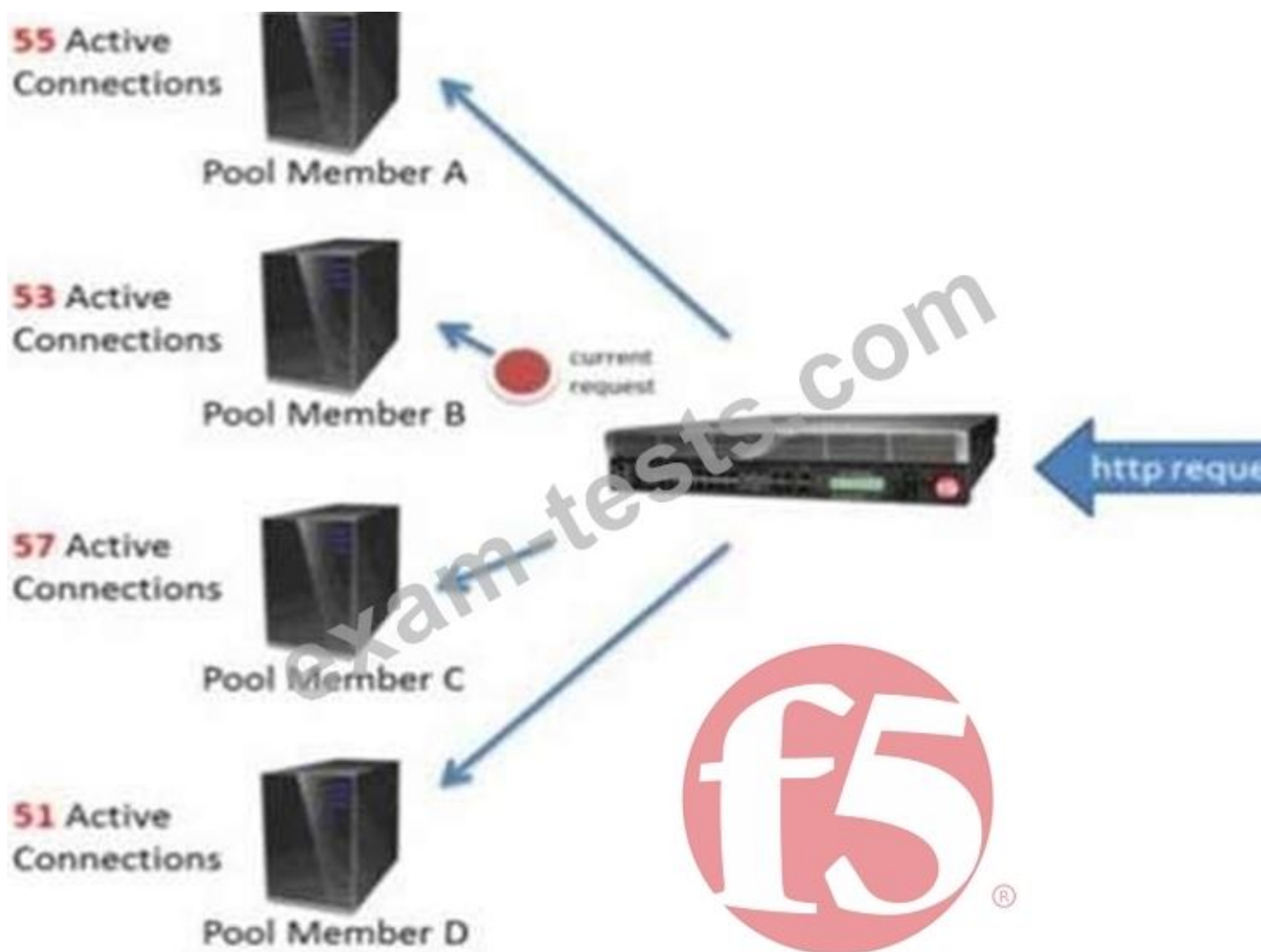
**A.** False

**B.** True

**Answer: B** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 13**

If LTM uses the least connections load balancing method, which pool member in the following diagram receives the next request?



- A. A
- B. B
- C. C
- D. D

**Answer: B** ([LEAVE A REPLY](#))

Explanation/Reference:

#### NEW QUESTION: 14

One reason APM beats the competition is its ability to perform both user authentication and authorization on a single device.

- A. False
- B. True

**Answer: B** ([LEAVE A REPLY](#))

#### NEW QUESTION: 15

In the next few years, 75% of new storage capacity will shift to unstructured data (also known as file data).

Which two of the following are examples of unstructured data?

- A. CAD drawings

- B. Microsoft Office and PDF documents
- C. Location data in a GIS (geographic information system)
- D. Customer records and product records in a CRM (customer relationship management) database

**Answer: A,B** ([LEAVE A REPLY](#))

#### NEW QUESTION: 16

ASM can detect Layer 7 DoS attacks by which four ways of monitoring:

- A. Monitoring ASM policy builder performance
- B. Monitoring BIG-IP CPU utilization
- C. Monitoring for a % change in server latency or TPS
- D. Monitoring for a threshold of increased server latency or TPS
- E. Monitoring for a % change in transactions per second per URL
- F. Deep Packet inspection
- G. Monitoring for a threshold of increased number of transactions per second per URL

**Answer: C,D,E,G** ([LEAVE A REPLY](#))

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#### NEW QUESTION: 17

All members of a pool must share the same service port?

- A. True
- B. False

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 18

How does the ARX eliminate the disruption caused by re-provisioning storage?

- A. By automating capacity balancing and allowing seamless introduction of file systems into the environment after the ARX is installed.
- B. By allowing system administrators to apply policy to specific types data.
- C. By identifying data that has not been modified and moving it to a secondary tier.
- D. By reducing the time necessary to run a complete backup.

**Answer: A** ([LEAVE A REPLY](#))

**NEW QUESTION: 19**

Which four of the monitoring methods listed below can GTM use to determine the status and performance of BIG-IP and servers?

- A. ping
- B. Application monitors
- C. Inband monitors
- D. SSH
- E. iQuery
- F. SNMP

**Answer: A,B,E,F (LEAVE A REPLY)**

Explanation/Reference:

Explanation:

[http://support.f5.com/kb/en-us/products/big-ip\\_gtm/manuals/product/gtm-concepts-11-30/1.html](http://support.f5.com/kb/en-us/products/big-ip_gtm/manuals/product/gtm-concepts-11-30/1.html)

Configuring

GTM to determine packet gateway health and availability

[http://support.f5.com/kb/en-us/products/big-ip\\_gtm/manuals/product/gtm-implementations11-5-0/9.html](http://support.f5.com/kb/en-us/products/big-ip_gtm/manuals/product/gtm-implementations11-5-0/9.html) sol13690:

Troubleshooting BIG-IP GTM synchronization and iQuery connections (11.x)

<http://support.f5.com/kb/en-us/solutions/public/13000/600/sol13690.html>

**NEW QUESTION: 20**

A BIG-IP has two load balancing virtual servers at 150.150.10.10:80 and 150.150.10.10:443. The port 80 virtual server has SNAT automap configured. There is also a SNAT configured at 150.150.10.11 set for a source address range of 200.200.1.0 / 255.255.255.0. All other settings are at their default states.

If a client with the IP address 200.200.1.1 sends a request to <https://150.150.10.10>, what is the source IP address when the associated packet is sent to the pool member?

- A. Floating self IP address on VLAN where the packet arrives on the system
- B. 200.200.1.1
- C. Floating self IP address on VLAN where the packet leaves the system
- D. 150.150.10.11

**Answer: D (LEAVE A REPLY)**

**NEW QUESTION: 21**

Ethernet frame FCS errors occur when which calculation fails?

- A. FSCM
- B. CSR
- C. CRC
- D. HSTS

**Answer: C (LEAVE A REPLY)**

**NEW QUESTION: 22**

When using a redundant pair of LTMs, it is most advantageous to use them in an Active/Active scenario because this provides additional load balancing capabilities.

- A. True
- B. False

**Answer:** ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

**NEW QUESTION: 23**

What occurs when a load command is issued?

- A. The running configuration is replaced by the any portion of the configuration files that are syntactically correct.
- B. The running configuration is loaded into files for storage.
- C. The running configuration is compared to the configuration in files and, when changes are noted, the version in the files is loaded over what is in memory.
- D. The running configuration is replaced by the configuration in the files, but only if they are syntactically correct.

**Answer:** D ([LEAVE A REPLY](#))

**NEW QUESTION: 24**

Which two are events that can be used to trigger GTM iRule data processing? (Choose two.)

- A. LB\_FAILED
- B. DNS\_REQUEST
- C. CLIENT\_ACCEPTED
- D. HTTP REQUEST

**Answer:** A,B ([LEAVE A REPLY](#))

**NEW QUESTION: 25**

Which two of the following factors are often responsible for poor Web application performance?

- A. The time it takes to generate an HTTP request
- B. The time it takes to generate the HTTP response
- C. The time it takes to deliver the HTTP response over the network
- D. The time it takes to display the HTTP response in the browser

**Answer:** B,C ([LEAVE A REPLY](#))

**NEW QUESTION: 26**

The following request is sent to the BIG-IP ASM System: GET

http://www.example.local/financials/week1.xls?display=yes&user=john&logon=true Which of the following components in this requests line represent the query string?

- A. /week1.xls

- B. display=yes&user=john&logon=true
- C. /financials/week1.xls
- D. .xls

**Answer: B** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 27**

Which three of the following are benefits of adding WebAccelerator to the network infrastructure?

- A. It speeds up a secure Web site
- B. It analyzes Web content, and caches and compresses it accordingly
- C. It adds a layer, security to a Web site
- D. It reduces the need to purchase additional bandwidth
- E. It improves the performance , large object file transfers

**Answer: A,B,D** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 28**

Which of the following statements is true about ARX's capacity balancing ability?

- A. When new files are created, the ARX can determine in real time where to place each file based on the available space on each storage device
- B. When configuring the ARX, customers can choose to implement either an age-based policy or a capacity-based policy, but are not able to run both policies at the same time
- C. All files created at approximately the same time (within 10 minutes) will be stored on the same tier of storage to minimize latency and improve the user experience
- D. The ARX balances capacity within tiers of storage, but cannot balance capacity across tiers of storage

**Answer: A** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 29**

Which two can be a part of a pool's definition. (Choose two.)

- A. profile(s)
- B. persistence type
- C. rule(s)
- D. loadbalancing mode
- E. monitor(s)

**Answer: D,E** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 30**

The following iRule is being used within a persistence profile on a virtual server. Assuming the following HTTP requests are made within the same timeout window, what is the maximum number of persistence records that will be created iRule:

```
rule Persist_Universal { when HTTP_REQUEST { persist uie [findstr  
[HTTP ::uri] "?" 8 3] } Requests:
```

```
#1 http: //www.test.com/input.html?test1 45ABR80  
#2 http ://www.test.com/input .html?test1 35PDC72  
#3 http://www.test. com/input.html?test1 25ABR76  
#4 http ://www.test.com/input.html?test1 45MN088  
#5 http ://www.test. com/input.html?test1 55ABR98  
#6 http://www.test.com/input.html?test1 45PDC60  
#7 http ://www.test. com/input.html?test1 75ABC50  
#8 http://www.test.com/input.html?test1 25MN055  
#9 http://www.test. com/input.html?test1 45ABC70  
#10 http://www.test.com/input.html?test135 PDC4
```

A. It cannot be determined from the given data.

B. 3

C. 0

D. 5

E. 10

F. 1

G. 4

Answer: G ([LEAVE A REPLY](#))

#### NEW QUESTION: 31

Sensitive parameter is a feature used to hide sensitive information from being displayed in which of the following?

A. GUI and logs of BIG-IP ASM System

B. Configuration file of BIG-IP ASM System

C. Server response

D. Client request

Answer: A ([LEAVE A REPLY](#))

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**NEW QUESTION: 32**

ASM's Web Scraping protection:

- A. Cannot accommodate good scrapers
- B. Will protect the site by blocking all requests
- C. Is difficult to configure
- D. Is simple to configure

**Answer:** [\(SHOW ANSWER\)](#)

**NEW QUESTION: 33**

Which two of the following statements are accurate descriptions of the ARX index? (Choose two.)

- A. The ARX index stores the bulk of its data as bit arrays and answers most questions by performing bitwise logical operations on these bitmaps.
- B. The ARX index contains the index keys in sorted order, with the leaf level of the index containing the pointer to the page and the row number in the data page.
- C. The ARX index is the key enabler of transparent data mobility because the ARX tracks where files reside at all times, from creation through migration and deletion.
- D. The ARX index is 100% disposable and can be rebuilt at any point in time without disrupting client or application access to data.

**Answer:** B,D [\(LEAVE A REPLY\)](#)

Explanation/Reference:

Explanation:

**NEW QUESTION: 34**

Which of the following are the three main business drivers for placing LTM into a network? (Choose three.)

- A. Secure the connection between WAN sites.
- B. Improve application availability and scalability.
- C. Authenticate and authorize users.
- D. Boost application performance.
- E. Include application security.
- F. Act as a Web application firewall

**Answer:** B,D,E [\(LEAVE A REPLY\)](#)

Explanation/Reference:

**NEW QUESTION: 35**

An inline ASM configuration requires:

- A. Two network connections
- B. None of the above
- C. Two disk drives
- D. Two power supplies

**Answer:** A [\(LEAVE A REPLY\)](#)

Explanation/Reference:

Explanation:

### NEW QUESTION: 36

Which method of protection is not provided by the Rapid Deployment policy template?

- A. Data leakage
- B. Buffer overflow
- C. HTTP protocol compliance
- D. Dynamic parameter validation

**Answer: D** ([LEAVE A REPLY](#))

Explanation

### NEW QUESTION: 37

Which three of the following must be done in order for GTM to properly communicate LTM?  
(Choose three.)

- A. Connect the GTM and LTM with a network crossover cable.
- B. Synchronize the big3d versions between GTM and LTM.
- C. Add the LTM object to the GTM configuration.
- D. Configure the GTM and LTM to use MAC masquerading.
- E. Ensure that GTM and LTM use the same floating IP address.
- F. Exchange SSL certificates between the two devices.

**Answer: B,C,F** ([LEAVE A REPLY](#))

Explanation

Integrating LTM systems with GTM systems on a network

Running the bigip\_add utility

Determine the self IP addresses of the BIG-IP LTM systems that you want to communicate with BIG-IP GTM.

Run the bigip\_add utility on BIG-IP GTM. This utility exchanges SSL certificates so that each system is authorized to communicate with the other.

When the LTM and GTM systems use the same version of the big3d agent, you run the bigip\_add utility to authorize communications between the systems.

[http://support.f5.com/kb/en-us/products/big-ip\\_gtm/manuals/product/gtm-implementations11-3-0/7.html](http://support.f5.com/kb/en-us/products/big-ip_gtm/manuals/product/gtm-implementations11-3-0/7.html) Note:

The BIG-IP GTM and BIG-IP LTM systems must have TCP port 4353 open through the firewall between the systems. The BIG-IP systems connect and communicate through this port.

### NEW QUESTION: 38

If a customer has an application that uses a customized protocol, what LTM feature can help optimize the traffic from the application?

- A. Network virtual servers
- B. Packet filtering

- C. Transparent virtual servers
- D. HTTP classes
- E. iRules

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 39

If a workstation is configured with an address of 224 0.0.1 which functionality will it allow?

- A. loopback to itself
- B. broadcasting to the local subnet
- C. multicasting to the local subnet
- D. automatic private IP addressing

**Answer: C** ([LEAVE A REPLY](#))

[https://en.wikipedia.org/wiki/Multicast\\_address](https://en.wikipedia.org/wiki/Multicast_address)

#### NEW QUESTION: 40

SIMULATION

LTM runs on \_\_\_\_\_ F5's proprietary product platform. (Fill in the correct answer)

**Answer:**

TMOS

#### NEW QUESTION: 41

Which two daemons only run after the entire license process has been completed? (Choose two.)

- A. gtmd
- B. tmm
- C. zrd
- D. ntpd

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 42

Using file virtualization, what can the ARX do for customers?

- A. Move individual files or entire file systems in real-time without disruption of down-time
- B. Automate many storage management tasks such as storage tiering, dynamic capacity balancing, and nondisruptive data migration
- C. Match data to the most appropriate tier of storage (e.g. critical data on tier 1 storage; older data on secondary storage tier)
- D. All of the above

**Answer: D** ([LEAVE A REPLY](#))

#### NEW QUESTION: 43

Which of the following is NOT a logging option within an APM access control entry?

- A. Packet

- B. Verbose
- C. Nominal
- D. Summary
- E. None

**Answer:** ([SHOW ANSWER](#))

Explanation/Reference:

#### **NEW QUESTION: 44**

The BIG-IP full proxy architecture has full visibility from the client to the server and from the server to the client.

What security benefit does this provide to customers?

- A. Provides industry-leading knowledge of application behavior as it travels through a \*3, network, and it applies that knowledge to security because it knows how an application behaves at any point in the reply request process
- B. Establishes highly detailed policies based on your customer's business in requirements, performs multiple factors of authentication, detects corporate versus non-corporate devices, checks OS patch levels, and determines antivirus patch levels.
- C. Offloads security functionality from other devices such as network firewalls and Intrusion Prevention Systems (IPS), which may experience performance degradation when inspecting DNS queries and responses.
- D. provides..... DNS servers.

**Answer: A** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 45**

A BIG-IP has a virtual server at 150.150.10.10:80 with SNAT automap configured. This BIG-IP also has a SNAT at 150.150.10.11 set for a source address range of 200.200.1.0 / 255.255.255.0. All other settings are at their default states. If a client with the IP address 200.200.1.1 sends a request to the virtual server, what is the source IP address when the associated packet is sent to the pool member.

- A. Floating self IP address on VLAN where the packet leaves the system
- B. 200.200.1.1
- C. Floating self IP address on VLAN where the packet arrives on the system
- D. 150.150.10.11

**Answer: A** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 46**

Which three files/data items are included in a BIG-IP UCS backup file? (Choose three.)

- A. the BIG-IP default traps
- B. the BIG-IP log files
- C. the BIG-IP host name
- D. the BIG-IP administrative addresses

E. the BIG-IP license

Answer: ([SHOW ANSWER](#))

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#### NEW QUESTION: 47

Which of the following statements is true about ARX's capacity balancing ability?

- A. When new files are created, the ARX can determine in real time where to place each file based on the available space on each storage device
- B. When configuring the ARX, customers can choose to implement either an age-based policy or a capacity based policy, but are not able to run both policies at the same time
- C. All files created approximately the same time (within 10 minutes) will be stored on the same tier of storage to minimize latency and improve the user experience
- D. The ARX balances capacity within tiers of storage, but cannot balance capacity across tiers of storage

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

#### NEW QUESTION: 48

The F5 Application Delivery Firewall has the ability to outperform traditional and next generation firewalls during DDoS attacks by leveraging the performance and scalability of BIG-IP to hand extremely high loads, including high throughput, high connection count, and high number of connections per second.

- A. True
- B. False

Answer: A ([LEAVE A REPLY](#))

#### NEW QUESTION: 49

What happens when the data center that GTM recommends for a client is unavailable?

- A. GTM uses cached information to determine an alternate route.
- B. GTM queries the local DNS server.
- C. GTM sends subsequent queries to the next preferred data center.
- D. GTM directs the client to use its DNS cache to select an alternate location.

E. The client continues to attempt to access the preferred data center.

**Answer:** ([SHOW ANSWER](#))

Explanation/Reference:

#### **NEW QUESTION: 50**

ASM Geolocation reporting provides information regarding:

- A. The number of attacks from a specific state
- B. The types of attacks from a city
- C. All of the above
- D. The countries from which the attacks originated

**Answer:** D ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

#### **NEW QUESTION: 51**

Which HTTP response code ranges indicate an error condition? (Choose two.)

- A. 5xx
- B. 1xx
- C. 2xx
- D. 3xx
- E. 4xx

**Answer:** A,E ([LEAVE A REPLY](#))

#### **NEW QUESTION: 52**

The least connections load balancing method functions best when all pool members share similar characteristics.

- A. False
- B. True

**Answer:** B ([LEAVE A REPLY](#))

#### **NEW QUESTION: 53**

What advantage does an active-standby configuration have over an active-active configurations?

- A. Active-standby utilizes the hardware more efficiently
- B. Active standby Uses significantly less power consumption than active-active
- C. Active-standby is less complex to troubleshoot
- D. Active-standby configuration allows for the backup of the peer configuration

**Answer:** C ([LEAVE A REPLY](#))

#### **NEW QUESTION: 54**

If there are multiple applications authenticated against a single identity store, which technology solution will simplify access to all applications?

- A. LDAP
- B. single sign on
- C. RADIUS
- D. multifactor authentication

Answer: B ([LEAVE A REPLY](#))

#### NEW QUESTION: 55

Which is the result when multiple monitors are assigned to a pool member?

- A. The member is marked as unavailable if any of the monitors fails.
- B. The member is marked as available if any of the monitors succeed.
- C. The member is marked available if all monitors succeed, and as marginal if one or more monitors fail(s).
- D. The member is marked available if sufficient monitors succeed, and as unavailable if insufficient monitors succeed.

Answer: D ([LEAVE A REPLY](#))

#### NEW QUESTION: 56

A virtual server is defined per the charts. The last five client connections were to members C, D, A, B, B . Given the conditions shown in the above 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.

| VS_Web_Pool Settings |                 | Web_Pool Parameters |                   |
|----------------------|-----------------|---------------------|-------------------|
| Destination:         | 10.10.20.100:80 | Load Balancing:     | Least Connections |
| Profiles:            | TCP, HTTP       | Priority Group      |                   |
| iRules:              | None            | Activation:         | Less Than 2       |
| Default Pool:        | Web_Pool        | Monitor:            | Custom_HTTP       |
| Persistence:         | None            |                     |                   |

| Web_Pool Member Statistics and Settings |              |                 |                      |                     |             |
|-----------------------------------------|--------------|-----------------|----------------------|---------------------|-------------|
| Member                                  | Member Ratio | Member Priority | Outstanding Requests | Current Connections | Status      |
| A: 172.16.20.1:80                       | 3            | 5               | 4                    | 56                  | Unavailable |
| B: 172.16.20.2:80                       | 3            | 4               | 4                    | 42                  | Available   |
| C: 172.16.20.3:80                       | 3            | 5               | 4                    | 54                  | Unavailable |
| D: 172.16.20.4:80                       | 1            | 3               | 1                    | 22                  | Available   |
| E: 172.16.20.5:80                       | 1            | 1               | 1                    | 18                  | Available   |

- A. 172.16.20.1:80
- B. 172.16.20.5:80
- C. 172.16.20.2:80
- D. 172.16.20.4:80
- E. 172.16.20.3:80

**Answer: D** ([LEAVE A REPLY](#))

**NEW QUESTION: 57**

Which of the following are the three main business drivers for placing LTM into a network?

- A. Secure the connection between WAN sites
- B. Authenticate and authorize users
- C. Act as a Web application firewall
- D. Include application security
- E. Boost application performance
- F. Improve application availability and scalability

**Answer: D,E,F** ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

**NEW QUESTION: 58**

An LTM object contains both IP address and port combinations 20.18.9.250:80 and 20.18.9.251:80

and host the same Web application. What is this object?

- A. Node
- B. Self-IP
- C. Pool member
- D. Pool
- E. Virtual Server

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 59**

When using a single BIG-IP with APM, an organization can support up to 60,000 concurrent remote access users.

- A. False
- B. True

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 60**

Which of these statements about a stream profile is false?

- A. It is not recommended for telnet traffic.
- B. It can replace one data string for another for all traffic going through a virtual server.
- C. It is applied to an HTTP class profile.
- D. It applies to both inbound and outbound traffic.
- E. It will not inspect HTTP headers when an HTTP profile is present.

**Answer: C** ([LEAVE A REPLY](#))

**NEW QUESTION: 61**

ASM combined with LTM provides protection against:

- A. Layer 7 DoS attacks
- B. All of the above
- C. Layer 4 DoS attacks
- D. DDoS attacks

**Answer: B** ([LEAVE A REPLY](#))

Explanation/Reference:

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**NEW QUESTION: 62**

CSRF is difficult to detect because:

- A. The attacks are requests a user should be allowed to make
- B. The attacks always utilize obfuscation
- C. The attacks are always encrypted
- D. All of the above

**Answer: A** ([LEAVE A REPLY](#))

Explanation/Reference:

**NEW QUESTION: 63**

A security audit has determined that your web application is vulnerable to a cross site scripting attack.

Which of the following measures are appropriate when building a security policy? (Choose two.)

- A. Cookie length must be restricted to 1024 bytes.
- B. Parameter data entered for explicit objects must be checked for minimum and maximum values.
- C. Parameter data entered for flow level parameters must allow some metacharacters but not others.
- D. Attack signature sets must be applied to any user input parameters.

**Answer: (**[SHOW ANSWER](#)**)**

**NEW QUESTION: 64**

GTM uses the F5 \_\_\_\_\_ protocol to synchronize performance metrics between GTM devices.

(Fill in)

**Answer:**

iQuery

**NEW QUESTION: 65**

Although not all modules run on all platforms, each F5 hardware platform can run LTM plus atleast one additional software module.

A. False

B. True

**Answer: B** ([LEAVE A REPLY](#))

**NEW QUESTION: 66**

When a pool is created and saved to file, where is the default file and location for the pool configuration? When a pool is created and saved to file, where is the default file and location for the pool configuration?

A. /config/BigDB.dat

B. /config/BIG-IP.conf

C. /config/BIG-IP\_base.conf

D. /etc/BIG-IP\_base.conf

**Answer: B** ([LEAVE A REPLY](#))

**NEW QUESTION: 67**

Which three of the metrics listed below can GTM use when making load balancing decisions for a client?

(Choose three.)

A. IP geolocation

B. Hop count

C. TCP payload

D. Browser user agent

E. Round trip time

**Answer: (**[SHOW ANSWER](#)**)**

**NEW QUESTION: 68**

An application uses a proprietary protocol running over TCP

Which FS BIG-IP feature should the administrator use to modify the protocol?

A. iRules

B. TCP profile

C. rewrite profile

D. SPDY

**Answer: A ([LEAVE A REPLY](#))**

**NEW QUESTION: 69**

When we have a \* wildcard entity configured in the File Type section with tightening enabled, the following may occur when requests are passed through the policy. Which is the most accurate statement?

- A. File type entities will automatically be added to the policy (policy will tighten).
- B. File type violations will not be triggered and the entity learning section will be populated with file type recommendations.
- C. File type violations will not be triggered.
- D. File type violations will be triggered and learning will be available based on these violations.

**Answer: D ([LEAVE A REPLY](#))**

**NEW QUESTION: 70**

Which four of these benefits does APM provide? (Choose four.)

- A. User authentication based on identity.
- B. Acceleration of Web content to the client.
- C. Granular authorization to resources.
- D. Basic Web application firewall capabilities.
- E. Enables remote access by several thousand simultaneous users.
- F. Client workstation security checking.

**Answer: ([SHOW ANSWER](#))**

**NEW QUESTION: 71**

Application templates save the time it typically takes to create nodes, pools, pool members, virtual servers, and monitors.

- A. True
- B. False

**Answer: ([SHOW ANSWER](#))**

Explanation/Reference:

Explanation:

**NEW QUESTION: 72**

DRAG DROP

Place the following items in the order that the BIG-IP device uses when processing a packet.

Select and Place:

Look for a match for a packet filter rule

Check if the destination matches a NAT

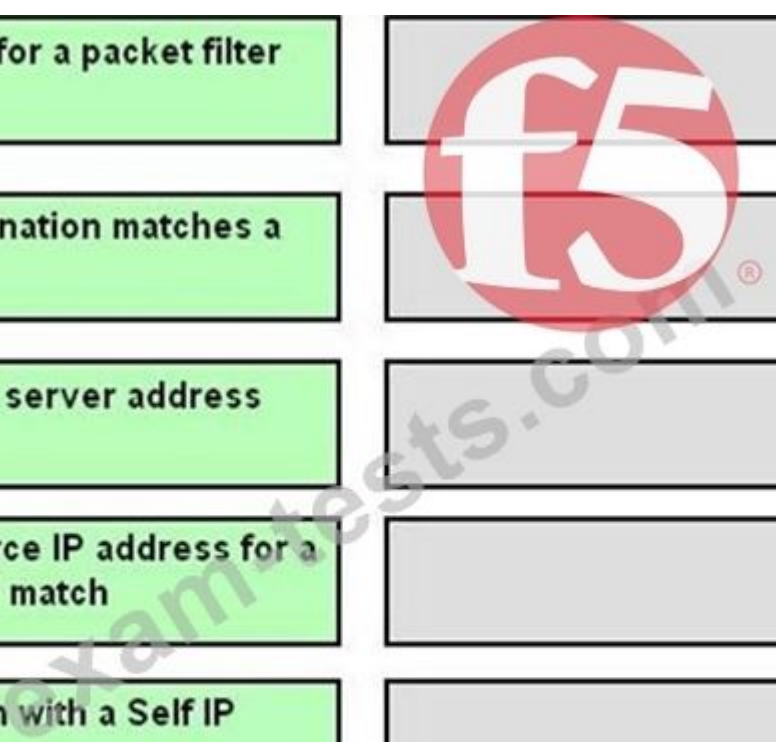
Look for a virtual server address match

Examine the source IP address for a standalone SNAT match

Check for a match with a Self IP address

Search for an existing connection

Answer:



|  |
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|  |
|  |

|  |                                                           |
|--|-----------------------------------------------------------|
|  | Check for a match with a Self IP address                  |
|  | Search for an existing connection                         |
|  | Examine the source IP address for a standalone SNAT match |
|  | Check if the destination matches a NAT                    |
|  | Look for a virtual server address match                   |
|  | Look for a match for a packet filter rule                 |

#### NEW QUESTION: 73

The HTTP 1.1 standard is being used as part of communication to a server. The client fails to maintain the session within the maximum timeout defined by the server. Which device is responsible for ending the HTTP session?

- A. the default gateway of the load balancer
- B. the load balancer
- C. the client
- D. the server

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 74

An administrator takes a capture of five Traffic using tcpdump. The administrator notices that different ephemeral port numbers are architecture does this indicate?

- A. hub and spoke architecture
- B. packet-based architecture
- C. ring network architecture
- D. full proxy architecture

Answer: D ([LEAVE A REPLY](#))

**NEW QUESTION: 75**

An administrator is adding GTM to the network infrastructure. Which of the following requirements would lead them to select an Authoritative Screening architecture rather than Delegation?

- A. They want GTM to examine all DNS queries.
- B. They want GTM to make load balancing decisions based on metrics.
- C. They have data centers in several countries.
- D. They are using several operating systems for the local DNS servers.

**Answer:** ([SHOW ANSWER](#))

Explanation/Reference:

**NEW QUESTION: 76**

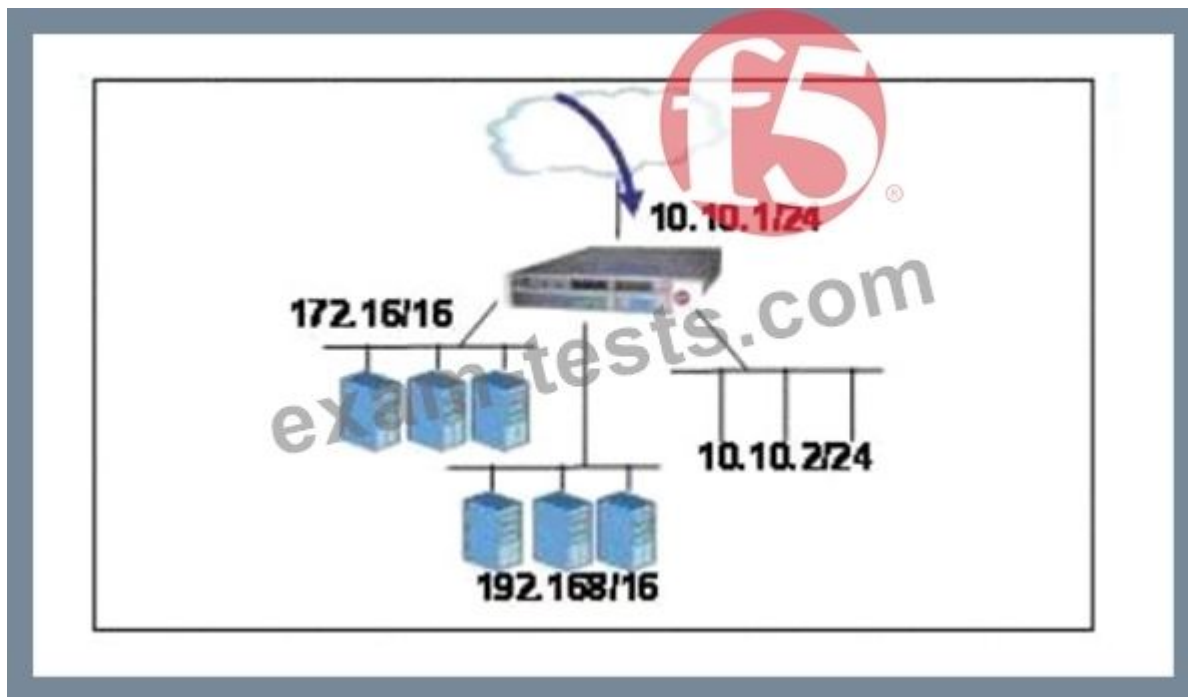
An LTM has the 3 virtual servers, 2 SNATs, four self IP addresses defined and the networks shown in the exhibit. Selected options for each object are shown below. Settings not shown are at their defaults. Assume port exhaustion has not been reached.

```
VirtualServer1
Destination: 10.10.2.101:80 netmask 255.255.255.255
Pool: Pool with 3 members in the 172.1 61.16 network
SNAT Automap configured V
VirtualServer2
Destination: 10.10.2.102:* netmask 255.255.255.255
Transparent with 3 pool members in the 192.168/16 network
VirtualServer3
Destination: 10.10.2.0:80 netmask 255.255.255.0
Type: IP Forwarding
SNAT1 Source IP: 10.10.0.0 netmask 255.255.0.0
SNAT Address: SNAT Pool with 2 members 172.16.20.50 and 192.168.10.50
SNAT2 Source IP: All Addresses
SNAT Address: 10.10.2.103
Floating Self IPs 192.168.1.1; 172.16.1.1; 10.10.2.1; 10.10.1.1
```

A connection attempt is made with a source IP and port of 10.20.100.50:2222 and a destination IP and port of

10.10.2.102:443.

When the request is processed, what will be the source and destination IP addresses?



- A. Source IP: 10.10.201; Destination IP: 10.102.102
- B. Source IP: 10.10.2.103; Destination IP: pool member in the 192.168/16 network
- C. Source IP: 10.10.2.103; Destination IP: 10.10.2.102
- D. The request will be dropped.
- E. Source IP: 10.10.201; Destination IP: pool member in the 192.168/16 network G
- F. Source IP: 10.20.10.50; Destination IP: pool member in the 192.168/16 network

**Answer: C (LEAVE A REPLY)**

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**NEW QUESTION: 77**

Refer ex



| Port | Status | Bits To | Bits In | Pkts Out | Drops  | Errs  | Media      |
|------|--------|---------|---------|----------|--------|-------|------------|
| 1-1  | up     | 10.8G   | 119.9M  | 10.7M    | 220.5K | 27.7M | 0 1000T-FD |
| 1-2  | down   | 0       | 0       | 0        | 0      | 0     | none       |
| 1-3  | down   | 0       | 0       | 0        | 0      | 0     | none       |
| 1-4  | down   | 0       | 0       | 0        | 0      | 0     | none       |
| 1-5  | down   | 0       | 0       | 0        | 0      | 0     | none       |
| 1-6  | down   | 0       | 0       | 0        | 0      | 0     | none       |
| 1-7  | down   | 0       | 0       | 0        | 0      | 0     | none       |
| 1-8  | down   | 0       | 0       | 0        | 0      | 0     | none       |
| 2-1  | down   | 0       | 0       | 0        | 0      | 0     | none       |
| 2-2  | down   | 0       | 0       | 0        | 0      | 0     | none       |
| 2-3  | down   | 0       | 0       | 0        | 0      | 0     | none       |
| 2-4  | down   | 0       | 0       | 0        | 0      | 0     | none       |
| Aggr | up     | 220.2G  | 42.4G   | 341.6M   | 28.2M  | 0     | 0 1000T-FD |

A. There is no SFP plugged into the port.

Answer: A ([LEAVE A REPLY](#))

#### NEW QUESTION: 78

A site needs to terminate client HTTPS traffic at the BIG-IP and forward that traffic unencrypted. Which two are profile types that must be associated with such a virtual server. (Choose two.)

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

Answer: A,B ([LEAVE A REPLY](#))

#### NEW QUESTION: 79

The current status of a given pool is offline (red). Which condition could explain that state? Assume the descriptions below include all monitors assigned for each scenario.

- A. No monitors are currently assigned to any pool, member or node.
- B. The pool has a monitor assigned to it, and only some of the pool's members passed the test.
- C. The pool has a monitor assigned to it, and none of the pool members passed the test. The pool has a monitor assigned to it, and none of the pool members passed the test.
- D. A monitor is assigned to all nodes and all nodes have passed the test. The pool's members have no specific monitor assigned to them.

Answer: C ([LEAVE A REPLY](#))

#### NEW QUESTION: 80

Which method of protection is not provided by the Rapid Deployment policy template?

- A. Buffer overflow
- B. Data leakage

- C. HTTP protocol compliance
- D. Dynamic parameter validation

**Answer: D** ([LEAVE A REPLY](#))

#### NEW QUESTION: 81

Which three of these are the potential ending options for branches in the Visual Policy Editor?  
(Choose three.)

- A. Redirect
- B. Limit
- C. Fallback
- D. Reject
- E. Deny
- F. Allow

**Answer: A,E,F** ([LEAVE A REPLY](#))

#### NEW QUESTION: 82

Which OSI layer provides reliable transmission of frames between adjacent nodes and is built on top of the Physical layer?

- A. Application
- B. Transport
- C. Network
- D. Data link

**Answer: D** ([LEAVE A REPLY](#))

#### NEW QUESTION: 83

Which of the following is NOT included on the F5 DevCentral site?

- A. Subscription purchasing options
- B. Actual iRules written by other customers
- C. iRules reference materials
- D. Forums
- E. The F5 iRule editor

**Answer: A** ([LEAVE A REPLY](#))

Subscription purchasing options is in Partner Resource Center

#### NEW QUESTION: 84

An LTM has the 3 virtual servers, 2 SNATs, four self IP addresses defined and the networks shown in the graphic below. Selected options for each object are shown below. Settings not shown are at their defaults. Assume port exhaustion has not been reached.

VirtualServer1

Destination: 10.10.2.102:80 netmask 255.255.255.255

Pool: Pool with 3 members in the 172.16/16 network SNAT Automap configured

VirtualServer2

Destination: 10.10.2.102:\* netmask 255.255.255.255

Pool: Pool with 3 members in the 192.168/16 network

VirtualServer3

Destination: 10.10.2.0:80 netmask 255.255.255.0

Type: IP Forwarding

SNAT1 Source IP: 10.10.0.0 netmask 255.255.0.0

SNATAddress: SNAT Pool with 2 members 172.16.20.50 and 192.168.10.50

SNAT2

Source IP: All Addresses

SNAT Address: 10.10.2.102 Floating Self IPs 192.168.1.1; 172.16.1.1; 10.10.2.1; 10.10.1.1

A connection attempt is made with a source IP and port of 10.20.10.50:2222 and a destination IP and port of 10.10.2.102:80.

When the request is processed, what will be the source and destination IP addresses?



- A. Source IP: 192.168.10.50; Destination IP: pool member in the 192.168./16 network
- B. Source IP: 182.16.1.1; Destination IP: pool member in the 172316/16 network
- C. Source IP: 192.168.10.50; Destination IP: pool member in the 192.168/16 network
- D. Source IP: 10.20.10.50; Destination IP: pool member in the 172.16/16 network
- E. The request will be dropped.
- F. Source IP: 192.168.1.1; Destination IP: pool member in the 192.168/16 network
- G. Source IP: 10.20.10.50; Destination IP: pool member in the 192.168/16 network
- H. Source IP: 172316.20.50; Destination IP: pool member in the 182.16/16 network

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 85

If the GTM System receives a packet destined for one of its Listener addresses the GTM will process the request

- A. either through Wide-IP processing or BIND processing
- B. through Wide-IP processing and BIND processing and choose the best answer between the two
- C. through BIND processing and may process it through Wide-IP processing
- D. through Wide-IP processing and may process it through BIND processing

**Answer: D** ([LEAVE A REPLY](#))

#### NEW QUESTION: 86

A site has six members in a pool. Three of the servers are new and have more memory and a faster processor than the others. Assuming all other factors are equal and traffic should be sent to all members, which two load-balancing methods are most appropriate. (Choose two.)

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

**Answer: C,D** ([LEAVE A REPLY](#))

#### NEW QUESTION: 87

What happens when the data center that GTM recommends for a client is unavailable?

- A. GTM uses cached information to determine an alternate route.
- B. GTM queries the local DNS server.
- C. GTM sends subsequent queries to the next preferred data center.
- D. GTM directs the client to use its DNS cache to select an alternate location.
- E. The client continues to attempt to access the preferred data center.

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 88

Which of the following does not pertain to protecting the Requested Resource (URI) element?

- A. File type validation
- B. Attack signature validation
- C. URL name validation
- D. Domain cookie validation

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 89

Basic F5 IP Geolocation provides which four types of client information?

- A. State
- B. Continent
- C. Postal code

- D. City
- E. Carrier
- F. Country

**Answer:** ([SHOW ANSWER](#))

Explanation/Reference: State - Country - Continent - City State - Country - Postal code - City The BIG-IP system uses geolocation software to identify the geographic location of a client or web application user. The default IP geolocation database provides IPv4 addresses at the continent, country, state, ISP, and organization levels, and IPv6 addresses at the continent and country levels. The database consists of the following files: F5GeoIP.dat F5GeoIPv6.dat F5GeoIPISP.dat F5GeoIPOrg.dat

#### NEW QUESTION: 90

LTM runs on \_\_\_\_\_ F5's proprietary product platform. (Fill in the correct answer)

- A. ARX
- B. Firepass
- C. Acopia
- D. TMOS

**Answer:** ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

#### NEW QUESTION: 91

Monitors can be assigned to which three resources. (Choose three.)

- A. iRules
- B. pools
- C. virtual servers
- D. nodes
- E. SNATs
- F. NATs
- G. pool members

**Answer:** B,D,G ([LEAVE A REPLY](#))

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**NEW QUESTION: 92**

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 a client were to initiate traffic to the NAT address, what changes, if any, would take place when the BIG-IP processes such packets.

- A. The source address would not change, but the destination address would be translated to the NAT's address.
- B. The destination address would not change, but the source address would be translated to the NAT's address.
- C. The destination address would not change, but the source address would be translated to the origin address.
- D. The source address would not change, but the destination address would be translated to the origin address.

**Answer: D** ([LEAVE A REPLY](#))

**NEW QUESTION: 93**

Which two of the following options can LTM use when all of the pool members are not available or if the pool is overloaded?

- A. Floating IPs
- B. Fallback host
- C. Auto last hop
- D. SNAT automap
- E. Pool offload
- F. Priority group activation

**Answer: (**[SHOW ANSWER](#)**)**

Explanation

[http://support.f5.com/kb/en-](http://support.f5.com/kb/en-us/products/bigip_ltm/manuals/product/ltn_configuration_guide_10_0_0/ltn_pools)

[us/products/bigip\\_ltm/manuals/product/ltn\\_configuration\\_guide\\_10\\_0\\_0/ltn\\_pools](http://support.f5.com/kb/en-us/products/bigip_ltm/manuals/product/ltn_configuration_guide_10_0_0/ltn_pools)

**NEW QUESTION: 94**

An IPv4 client tries to access <http://www.myserver.com>

Which type of DNS request should the client send to its configured DNS server?

- A. type NS
- B. type AAAA
- C. type A
- D. type MX

**Answer: C** ([LEAVE A REPLY](#))

**NEW QUESTION: 95**

It is common for free storage space to exist somewhere in a business network that is not easy for storage administrators to utilize. What solution can the ARX provide in this situation?

- A. The ARX uses the extra storage for transaction logs and index files
- B. The ARX identifies the exact location of the free storage, which allows network administrators to target those locations when provisioning additional storage
- C. The ARX extends the capacity of each server by 10-15, through intelligent file virtualization
- D. The ARX allows the customer to pool storage from anywhere within the enterprise and capacity balance the overflow across devices

**Answer: D** ([LEAVE A REPLY](#))

#### NEW QUESTION: 96

Another name for the F5 OneConnect feature is TCP multiplexing.

- A. True
- B. False

**Answer: A** ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

#### NEW QUESTION: 97

When configuring the BIG-IP ASM System in redundant pairs, which of the following are synchronized? (Choose 2)

- A. Web applications
- B. Traffic learning information
- C. Request information
- D. Security policies
- E. License file

**Answer: A,D** ([LEAVE A REPLY](#))

#### NEW QUESTION: 98

After editing and saving changes to the configuration file containing virtual servers, what is the immediate result?

- A. The new configuration is verified and loaded if it is syntactically correct.
- B. The new configuration is verified and loaded.
- C. The new configuration is verified
- D. The new configuration is neither verified nor loaded.
- E. The new configuration is verified not loaded.
- F. The new configuration is loaded but not verified.

**Answer: D** ([LEAVE A REPLY](#))

#### NEW QUESTION: 99

Which programming language is the basis for F5 iRules?

- A. Lisp
- B. C++

- C. Java
- D. TCL
- E. AWK

**Answer:** ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

#### **NEW QUESTION: 100**

A network administrator tells you that they do NOT need WebAccelerator because their Web application is fine. What is your best response?

- A. Challenge them to run performance testing on their Web site
- B. Access their Web site with them to display its response
- C. Request a follow up meeting within the next three months
- D. Ask for an opportunity to speak with the CIO or a member of their Web application team

**Answer:** ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

#### **NEW QUESTION: 101**

When a virtual server has an HTTP profile with compression enabled, which traffic is compressed by the BIG-IP?

- A. all client-side traffic for that virtual server
- B. selected traffic from the pool member to the BIG-IP
- C. all sever-side traffic for that virtual server
- D. selected traffic from the BIG-IP to the client

**Answer:** D ([LEAVE A REPLY](#))

#### **NEW QUESTION: 102**

Which of the following is NOT a logging option within an APM access control entry?

- A. Summary
- B. Packet
- C. Verbose
- D. None
- E. Nominal

**Answer:** E ([LEAVE A REPLY](#))

#### **NEW QUESTION: 103**

Which of the following are properties of an ASM logging profile? (Choose three.)

- A. storage type
- B. storage filter
- C. storage policy

D. web application

**Answer: A,B** ([LEAVE A REPLY](#))

#### NEW QUESTION: 104

In order to ensure that a specific file type is never moved down to a secondary file tier, the administrator should:

- A. set up an automated bot that accesses that file once a week
- B. This is not possible on the ARX
- C. set a policy that the file type remains on primary storage
- D. Instruct the end users to put the file in a non-tiered directory

**Answer: C** ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

#### NEW QUESTION: 105

The LTM "Manager" authentication role can create iRules.

- A. True
- B. False

**Answer: A** ([LEAVE A REPLY](#))

#### NEW QUESTION: 106

Which two processes are involved when BIG-IP systems issue traps? (Choose two.)

- A. syslogng
- B. bigd
- C. smtpd
- D. alertd

**Answer:** ([SHOW ANSWER](#))

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#### NEW QUESTION: 107

Which of the following is correct regarding User-defined Attack signatures?

- A. User-defined signatures may not be applied globally within the entire policy
- B. User-defined signatures use an F5-supplied syntax

- C. User-defined signatures may only use regular expressions
- D. Attack signatures may be grouped within system-supplied signatures

**Answer: B** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 108**

Which statement is true concerning SNATs using SNAT pools and SNATs using automap?

- A. SNAT s using automap translate source addresses randomly to any of the BIG-IP's floating self- IP addresses.
- B. SNAT s using automap preferentially translate source addresses to nonfloating self-IP addresses.
- C. A SNAT pool can contain virtual server addresses.
- D. SNAT s using a SNAT pool translate source addresses randomly to any of the addresses in the SNAT pool.

**Answer: B** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 109**

Adding more RAM to a GTM device drastically improves query performance.

- A. False
- B. True

**Answer: A** ([LEAVE A REPLY](#))

#### **NEW QUESTION: 110**

TI SSSL prides which functionary when a web browser connects to web site using the HTTPS protocol?

- A. stop the web browser from automatically downloading malware
- B. delivers secure communication over a network connection
- C. prevents the web server from being compromised
- D. protects network packets from interception by intermediaries

**Answer: (**[SHOW ANSWER](#)**)**

#### **NEW QUESTION: 111**

Which item is NOT a function of a properly deployed and configured ASM?

- A. Detects attacks
- B. Stops hackers from attacking
- C. Provides protection visibility
- D. Provides security agility

**Answer: B** ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

#### **NEW QUESTION: 112**

Match each persistence method with the correct statement describing it:

- A. Cookie persistence
- B. Source address persistence
- C. SSL persistence
- D. Universal persistence

**Answer: B** ([LEAVE A REPLY](#))

Explanation/Reference:

Explanation:

#### NEW QUESTION: 113

An administrator receives an error message when attempting to create a self-IP address on a BIG-IP appliance. Which address should the administrator use to resolve the issue?

- A. 2001:0db8:85i3:0000:0000: : 8a2i:0370:7334
- B. 2001:db8:85a3 Bd3.Ba2e.370 7334
- C. 2001 0db8.85a3 0000 0000 8a2e 0370 7334

**Answer: (**[SHOW ANSWER](#)**)**

#### NEW QUESTION: 114

An administrator is planning on solving latency issues by placing the backup data center in a neighboring city to the primary data center. Why isn't this effective solution?

- A. It does not provide an acceptable disaster recovery solution.
- B. It won't improve latency between the data centers.
- C. It won't improve the backup time from the primary data center to the backup data center.
- D. Users near the data centers will find their connections going back and forth between the two site
- E. It costs more to have the data centers close together than further apart.

**Answer: A** ([LEAVE A REPLY](#))

It does not provide an acceptable disaster recovery solution, it is too close in proximity

#### NEW QUESTION: 115

CORRECT TEXT

Match the security-related term with the correct definition.

- 1.OWASP Top 10
- 2.Secure Socket Layer (SSL)
- 3.Bot
- 4.Certificate
- 5.Content scrubbing

|                                                                                                                                      |  |
|--------------------------------------------------------------------------------------------------------------------------------------|--|
| Obfuscating identify information to prevent confidential information from being sent in a web application response.                  |  |
| A list of the 10 most dangerous current Wseb application security flaws, along with effecte methods of dealing with those flaws.     |  |
| Malicious software placed on other people's computers to perform automated tasks over the Internet.                                  |  |
| A cryptographic protocol used to secure communications over the Internet.                                                            |  |
| A digitally signed statement issued by a trusted organization that contains information about an entity and the entity's public key. |  |

Answer:

|                                                                                                                                      |  |
|--------------------------------------------------------------------------------------------------------------------------------------|--|
| Obfuscating identify information to prevent confidential information from being sent in a web application response.                  |  |
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| Malicious software placed on other people's computers to perform automated tasks over the Internet.                                  |  |
| A cryptographic protocol used to secure communications over the Internet.                                                            |  |
| A digitally signed statement issued by a trusted organization that contains information about an entity and the entity's public key. |  |

NEW QUESTION: 116

Why is BIG-IP ASM ideally suited to protect against layer 7 attacks, including HTTP and HTTPS/SSL traffic, when compared to an intrusion prevention system (IPS)?

- A. An IPS doesn't have the visibility into HTTPS traffic. it doesn't understand what applications are in the network.
- B. An IPS can only look at overall traffic patterns; it doesn't understand what applications are in the network
- C. An intrusion prevention system (IPS) is based on Packet Filtering
- D. An IPS only focuses on operating system attacks; it doesn't understand what applications are in the network

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 117

The Rapid Deployment Policy is used to:

- A. Improve web site performance
- B. Provide wizard functionality for quick policy creation
- C. Improve ASM performance
- D. Quickly protect web sites for most common attacks

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 118

Which statement is true concerning iRule context?

- A. The results of the iRule's conditional statement determines the context.
- B. the context must be explicitly declared.
- C. The rule command determines the context.
- D. The iRule event declaration determines the context.

**Answer:** D ([LEAVE A REPLY](#))

#### NEW QUESTION: 119

Which four of these statements regarding object size and WebAccelerator performance are true?

- A. Large objects allow fewer requests per second
- B. Small objects result in higher throughput
- C. Large objects such as video cache well
- D. Small objects allow more requests per second
- E. Small objects such as images cache well
- F. Large objects result in higher throughput

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 120

Which three of the following must be done in order for GTM to properly communicate LTM?

- A. Connect the GTM and LTM with a network crossover cable
- B. Synchronize the big3d versions between GTM and LTM

- C. Add the LTM object to the GTM configuration
- D. Configure the GTM and LTM to use MAC masquerading
- E. Ensure that GTM and LTM use the same floating IP address
- F. Exchange SSL certificates between the two devices

**Answer: B,C,F (LEAVE A REPLY)**

Explanation/Reference:

Explanation:

Integrating LTM systems with GTM systems on a network

Running the bigip\_add utility

Determine the self IP addresses of the BIG-IP LTM systems that you want to communicate with BIG-IP GTM.

Run the bigip\_add utility on BIG-IP GTM. This utility exchanges SSL certificates so that each system is authorized to communicate with the other.

When the LTM and GTM systems use the same version of the big3d agent, you run the bigip\_add utility to authorize communications between the systems.

[http://support.f5.com/kb/en-us/products/big-ip\\_gtm/manuals/product/gtm-implementations11-3-0/7.html](http://support.f5.com/kb/en-us/products/big-ip_gtm/manuals/product/gtm-implementations11-3-0/7.html) Note:

The BIG-IP GTM and BIG-IP LTM systems must have TCP port 4353 open through the firewall between the systems. The BIG-IP systems connect and communicate through this port.

#### NEW QUESTION: 121

Which of the following methods of protection is not available within the Protocol Security Manager for HTTP traffic?

- A. Attack signatures
- B. Evasion techniques
- C. Data guard
- D. File type enforcement

**Answer: (SHOW ANSWER)**

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#### NEW QUESTION: 122

Which of the following can be accomplished using iRules?

- A. Track inbound and outbound traffic

- B. Inspect traffic and drop it
- C. All of the above
- D. Intercept traffic and redirect it
- E. Perform deep packet inspection

**Answer: C** ([LEAVE A REPLY](#))

#### NEW QUESTION: 123

An LTM has the 3 virtual servers, four self IP addresses defined and the networks shown in the exhibit. Selected options for each object are shown below. Settings not shown are at their defaults.

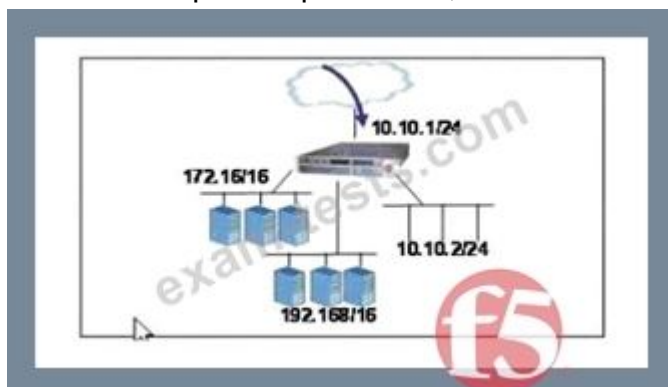
```
VirtualServer1
Destination: 10.10.2.102:443 netmask 255.255.255.255
Pool: Pool with 3 members in the 172.16/16 network

VirtualServer2
Destination: 10.10.2.102:* netmask 255.255.255.255
Pool: Pool with 3 members in the 192.168/16 network

VirtualServer3
Destination: 10.10.2.0:80 netmask 255.255.255.0
Type: IP Forwarding
SNAT1 Source IP: All Addresses
SNAT Address: SNAT Pool
with 2 members 172.16.20.50 and 192.168.10.50
Self IPs 192.168.1.1; 172.16.1.1; 10.10.2.1;
10.10.1.1
```

A connection attempt is made with a source IP and port of 10.20.100.50:2222 and a destination IP and port of 10.10.2.102:80.

When the request is processed, what will be the destination IP address?



- A. Destination IP: pool member in the 172.16/16 network

- B. Destination IP: 10.10.2.102
- C. Destination IP: pool member in the 192.168/16 network
- D. The request will be dropped.

**Answer:** ([SHOW ANSWER](#))

#### **NEW QUESTION: 124**

When configuring a pool member's monitor, which three association options are available?  
(Choose three.)

- A. inherit the pool's monitor
- B. inherit the node's monitor
- C. do not assign any monitor to the specific member
- D. assign a monitor to the specific member
- E. configure a default monitor

**Answer:** ([SHOW ANSWER](#))

#### **NEW QUESTION: 125**

In the context of load balancing, what does the term persistence" refer to?

- A. Keeping TLS session key information in memory so sessions can be quickly resumed
- B. Ensuring requests from a single source always end up being handled by the same server.
- C. the ability to associate different HTTP requests to a single user so that activity can be tracked.
- D. the ability to keep idle connections open as long as possible by sending dummy traffic periodically

**Answer:** B ([LEAVE A REPLY](#))

#### **NEW QUESTION: 126**

An Administrator enables HTTP keep alive.

How does this affect the network?

- A. HTTP connections will remain open longer
- B. Fewer TCP connections will need to be opened
- C. HTTP connections will close when the keep-alive times out
- D. More TCP connections will need to be opened

**Answer:** B ([LEAVE A REPLY](#))

[https //en wikipedia org/wiki/HTTPpersistentconnection](https://en.wikipedia.org/wiki/HTTPpersistentconnection)

#### **NEW QUESTION: 127**

If a client's browser does not accept cookies, what occurs when the client connects to a virtual server using cookie persistence?

- A. The connection request is load balanced to an available pool member.
- B. The connection request is sent to a pology.server. The connection request is sent to a pology.server.
- C. The connection request is refused and the client is sent a "server not available" message.

D. The connection request is not processed.

**Answer: A** ([LEAVE A REPLY](#))

#### NEW QUESTION: 128

How does the ARX eliminate the disruption caused by re-provisioning storage?

A. By automating capacity balancing and allowing seamless introduction of file systems into the environment after the ARX is installed.

B. By reducing the time necessary to run a complete backup

C. By allowing system administrators to apply policy to specific types of data

D. By identifying data that has not been modified and moving it to a secondary tier

**Answer: A** ([LEAVE A REPLY](#))

#### NEW QUESTION: 129

All members of a pool must share the same service port?

A. True

B. False

**Answer: B** ([LEAVE A REPLY](#))

#### NEW QUESTION: 130

Learning suggestions in the Policy Building pages allow for which of the following? (Choose two.)

A. Blocking response pages can be automatically generated from web site content.

B. Maximum acceptable values for length violations are calculated and can be accepted into the security policy by the administrator.

C. XML-based parameters and associated schema are automatically learned.

D. Flow level parameters are displayed when found and can be accepted into the current policy.

E. The administrator may modify whether the BIG-IP ASM System will learn, alarm, or block detected violations.

**Answer:** ([SHOW ANSWER](#))

#### NEW QUESTION: 131

A company deploys F5 load balancers to manage a large number of secure applications. The company manages certificates. Which F5 provides this functionality?

A. iHealthy

B. BIG-IQ

C. GTM

D. LTM

**Answer:** ([SHOW ANSWER](#))

<https://devcentral.f5.com/articles/what-is-big-iq-26702>

#### NEW QUESTION: 132

APM can verify which four of the following details before granting a user access to a resource?  
(Choose four.)

- A. The user's Web browser
- B. The user's computer
- C. User's hard drive encryption software
- D. Groups the user is a member of
- E. The network speed
- F. The user's username

**Answer: A,B,D,F (LEAVE A REPLY)**

Explanation/Reference:

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