

F5.101.v2025-03-27.q230

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NEW QUESTION: 1

What are the two most common methods of placing a BIG-IP device into a network environment?
(Choose two.)

- A. SNAT configuration
- B. VLAN configuration
- C. Channeled configuration
- D. Asymmetric configuration
- E. Routed configuration
- F. NAT configuration

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

NEW QUESTION: 2

Which statement about root DNS servers is true?

- A. Root servers have databases of commonly accessed sites. They also cache entries for additional servers as requests are made.
- B. Root servers have databases of DNS servers for each geographical area. They direct requests to appropriate LDNS servers.
- C. Root servers have databases of the DNS servers for top-level domains.
- D. Root servers have databases of all registered DNS servers.

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

NEW QUESTION: 3

10:20: 37 .00749:IP 199.16.255.254.36664>10.0.1.10 http : flags (s) seq 700424862, Win 29200
A website is fronted by a load balancer that implements a full proxy architecture with SNAT enabled. Behind the load balancer, there are two nodes: Node 1 and node2. The administrator is debugging an issue on node 1 using `tcpdump` and records the above output about a received packet. On which device does the IP address 192.168.255.254 belong?

- A. web Client
- B. node2
- C. node 1
- D. load balancer

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 4

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

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

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

NEW QUESTION: 5

Which of the following statements about Web server offload is NOT true?

- A. It utilizes cached content to prevent unnecessary trips for the same content.
- B. It uses specialized hardware for SSL offload.
- C. It uses OneConnect to reduce multiple TCP connections.
- D. It performs rate shaping to reduce overflow.
- E. It forces the client browser to use multiple connections streams.

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

NEW QUESTION: 6

Which four of these scenarios will benefit from F5's WAN Optimization Module? (Choose four.)

- A. An organization that does not want to rely on using tape backup.
- B. An organization with one site but hundreds of Web servers.
- C. An international organization with data centers in different countries.
- D. An organization attempting to lower costs by reducing the number of data centers.
- E. An organization that expects their Web site usage to double in the next year.
- F. An organization whose users create extremely large files.

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

NEW QUESTION: 7

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

- A. Verbose
- B. None
- C. Nominal

- D. Packet
- E. Summary

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 8

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

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

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

NEW QUESTION: 9

Which aspect of F5's Intelligent Services Platform helps you extend your security conversation to include F5 professionals and customers?

- A. Modular Functionality
- B. iApps
- C. TMOS
- D. DevCentral

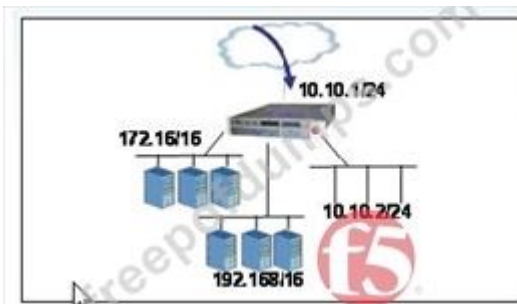
Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

NEW QUESTION: 10

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 11

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

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

NEW QUESTION: 12

Which statement concerning virtual servers is true?

- A. Virtual servers cannot perform load balancing without performing address translation.
- B. Virtual servers can keep idle server connections open indefinitely.
- C. Virtual server processing always translates the virtual server address to the address of the chosen pool member.
- D. Virtual servers can reuse connections between the BIG-IP and server for multiple HTTP GETs.
- E. Virtual servers can compress data between the BIG-IP and servers.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 13

Which of the following protocols can be protected by Protocol Security Manager? (Choose three.)

- A. SMTP
- B. FTP
- C. HTTP
- D. SSH
- E. Telnet

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

NEW QUESTION: 14

Assume a virtual server is configured with a ClientSSL profile. What would the result be if the virtual server's destination port was not 443?

- A. SSL termination could not be performed if the virtual server's port was not port 443.
- B. As long as client traffic was directed to the alternate port, the virtual server would work as intended.
- C. Since the virtual server is associated with a ClientSSL profile, it will always process traffic sent to port 443.
- D. Virtual servers with a ClientSSL profile are always configured with a destination port of 443.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 15

The SNMP monitor can collect data based on which three metrics? (Choose three.)

- A. hops along the network path
- B. content verification
- C. memory utilization
- D. packet rate
- E. current connections

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 16

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

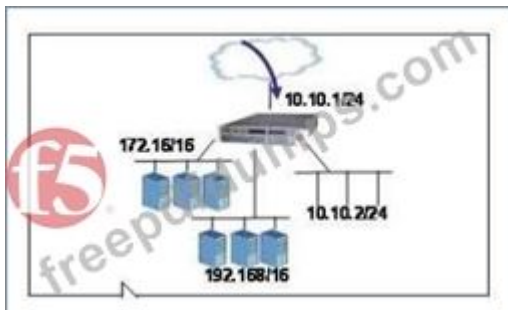
SNATAddress: SNAT Pool with 2 members 172.16.20.50 and 192.168.10.50
SNAT2

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: 10.20.10.50; Destination IP: pool member in the 172.16/16 network
- B. Source IP: 172.16.20.50; Destination IP: pool member in the 172.16/16 network
- C. Source IP: 192.168.1.1; Destination IP: pool member in the 192.168/16 network
- D. The request will be dropped.
- E. Source IP: 10.20.10.50; Destination IP: pool member in the 192.168/16 network
- F. Source IP: 172.16.1.1; Destination IP: pool member in the 172.16/16 network
- G. Source IP: 192.168.10.50; Destination IP: pool member in the 192.168/16 network
- H. Source IP: 192.168.10.50; Destination IP: pool member in the 192.168/16 network

Answer: F (LEAVE A REPLY)

Explanation/Reference:

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NEW QUESTION: 17

The ICMP monitor has been assigned to all nodes. In addition, all pools have been assigned custom monitors. If a pool .eb.is marked .vailable (green) which situation is sufficient to cause this.

A. Over 25% of the .eb.pool. members have had their content updated and it no longer matches the receive rule of the custom monitor.

The other respond as expected.The other. respond as expected.

B. All of the .eb.pool. member. nodes are responding to the ICMP monitor as expected.

C. All of the members of the .eb.pool have had their content updated recently and their responses no longer match the monitor. receive rule.

D. Less than 50% of the .eb.pool. member. nodes responded to the ICMP echo request.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 18

Which two of these statements about OneConnect are true?

A. It decreases the CPU load on LTM

B. It aggregates multiple clientconnections into a single server connection

C. It decreases the amount of traffic between multiple clients and LTM

D. It requires SNAT to be configured

E. It decreases the CPU load on pool members

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

Explanation/Reference:

Explanation:

NEW QUESTION: 19

Mobile device browsers typically display Web pages more slowly than PC browsers.

A. True

B. False

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

NEW QUESTION: 20

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

- A. True
- B. False

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

Explanation/Reference:

NEW QUESTION: 21

In order to improve GTM performance, administrators should use multiple complex monitors to ensure resources are functioning properly:

- A. True
- B. False

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

NEW QUESTION: 22

Which Datalink sublayer has the primary function of providing node-to-node flow and error control?

- A. UDP

https://en.wikipedia.org/wiki/Logical_link_control

- B. LLC
- C. ARP
- D. MAC

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

NEW QUESTION: 23

The Protected Workspace client-side action provides more client-side security than the Cache and Session Control action.

- A. True
- B. False

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

Explanation/Reference:

Explanation:

NEW QUESTION: 24

Which statement is true concerning the default communication between a redundant pair of BIG-IP devices.

- A. Regardless of the configuration, some data is communicated between the systems at regular intervals.
- B. Data for both connection and persistence mirroring are shared through the same TCP connection.
- C. Communication between the systems cannot be effected by port lockdown settings.

D. Connection mirroring data is shared through the serial failover cable unless network failover is enabled.

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

NEW QUESTION: 25

What is NOT a benefit of using a SNAT?

- A. ASM can be deployed easily
- B. Higher performance than other configuration
- C. Fail open is easy to add
- D. No changes are needed on the servers

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

NEW QUESTION: 26

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: 27

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: 28

Which of the following does NOT describe network performance management?

- A. Updating software on various devices
- B. Seeing graphs in near real-time
- C. Visibility into multiple network devices
- D. Being alerted to an issue as it happens
- E. Viewing virtual server statistics

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

Explanation/Reference:

Explanation:

NEW QUESTION: 29

What are the two most common methods of placing a BIG-IP device into a network environment?
(Choose two.)

- A. Channeled configuration
- B. VLAN configuration
- C. NAT configuration
- D. SNAT configuration
- E. Asymmetric configuration
- F. Routed configuration

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

NEW QUESTION: 30

What does ICMP Time Exceeded" mean?

- A. The traceroute command exceeded the time limit
- B. TTL has reached zero
- C. Remote host did not respond
- D. The ping command exceeded the time limit.

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

NEW QUESTION: 31

SIMULATION

The layer 3 security feature _____ Cookies that protects against SYN floods, DoS, and DDoS attacks.

(Fill in)

Answer:

contain / include

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NEW QUESTION: 32

Which statement describes advanced shell access correctly? Which statement describes advanced shell access correctly?

- A. The context has no impact on events.
- B. The context determines the values of commands that vary between client and server.
- C. The context determines which pools are available for load balancing.

D. The context determines which events are available for iRule processing.

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

NEW QUESTION: 33

What is the advantage of specifying three load balancing methods when load balancing within pools?

A. Specifying three methods allows the GTM System to use all three methods simultaneously.

B. Specifying three methods allows the GTM System alternate methods if insufficient data is available for other methods.

C. Specifying three methods allows the GTM System to rotate between the three methods so that no one method is used too often.

D. Specifying three methods allows the GTM System to choose the optimal method for each name resolution.

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

NEW QUESTION: 34

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

(Choose 3)

A. HTTP_REQUEST

B. SERVER_SELECTED

C. SERVER_CONNECTED

D. CLIENT_ACCEPTED

E. SERVER_DATA

F. CLIENT_DATA

G. HTTP_RESPONSE

Answer: (SHOW ANSWER)

NEW QUESTION: 35

Could an iRule perform persistence based on a cookie?

A. Yes An iRule could be designed to persist based on the contents of a cookie.

B. Yes. An iRule could be designed to persist based on the contents of a cookie.

C. No. Cookie persistence is only based on a cookie persistence profile.

D. No. iRules cannot affect persistence.

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

NEW QUESTION: 36

A BIG IP Administrator reviews the Virtual Server configuration and sees the object status represented by a blue square for an unknown status. How should the administrator change the unknown status?

A. run a packet capture on the BIG-IP device

- B. restart the BIG-IP device
- C. assign a monitor to the pool
- D. restart the backend webserver

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

NEW QUESTION: 37

The F5 Visual Policy Editor (VPE) is unique to the F5 BIG-IP APM module; no other access management tool has this capability. Select the features that the VPE provides. Select two.

- A. Customizes landing or login page
- B. Checks operating system patch levels
- C. Assigns a lease pool address
- D. Provides vulnerability scanning
- E. Determines antivirus patch levels

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

NEW QUESTION: 38

Which of the following methods are used by the BIG-IP ASM System to protect against SQL injections?

- A. HTTP RFC compliancy checks
- B. Response scrubbing, HTTP RFC compliancy checks, and meta-character enforcement
- C. Meta-character enforcement and attack signatures
- D. HTTP RFC compliancy checks and length restrictions

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

NEW QUESTION: 39

To share device information with F5 technical support, a customer must either verbally share the information over the phone or copy and send the information in an Email.

- A. True
- B. False

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

NEW QUESTION: 40

A BIG-IP has the following objects configured: A SNAT pool with 2 members:

- 150.10.33.33 and 10.10.1.33
- A loadbalancing pool with 5 members: 10.10.1.1 10.10.1.5:80
- The BIG-IP has two self-IP addresses: 150.10.10.10 and 10.10.1.10

A virtual server at 150.10.30.30:80 that is associated with both the SNAT pool and the loadbalancing pool. If a client at IP address 200.10.10.10 initiates a connection to the virtual server, what will the source IP address be in the packets sent to the chosen pool member?

- A. It could be any of the addresses of the members of the loadbalancing pool.
- B. 200.10.10.10
- C. 10.10.1.10
- D. 150.10.33.33
- E. 10.10.1.33
- F. 150.10.30.30

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

NEW QUESTION: 41

Which statement is true concerning packet filters?

- A. In addition to administratorcreated filters, there always exists a "deny all" filter that processes traffic last.
- B. Filters cannot prevent the BIG_IP synching process from taking place.
- C. The order of filters does not affect which traffic is accepted or denied
- D. Filters cannot prevent access to the management port.

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

NEW QUESTION: 42

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 violations will be triggered and learning will be available based on these violations.
- 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 entities will automatically be added to the policy (policy will tighten).

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

NEW QUESTION: 43

Administrators can customize APM to resemble other internal Web applications in the organization.

- A. True
- B. False

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

Explanation/Reference:

Explanation:

NEW QUESTION: 44

When using SNAT, which additional IP addresses will the BIG-IP system change? (Choose two.)

- A. The source IP address on the client to BIG-IP request packet.
- B. The source IP address on the BIG-IP to pool member request packet.

- C. The destination IP address on the BIG-IP to client response packet.
- D. The destination IP address on the BIG-IP to pool member request packet.
- E. The destination IP address on the pool member to BIG-IP response packet.
- F. The source IP address on the BIG-IP to client response packet.

Answer: B,C (LEAVE A REPLY)

NEW QUESTION: 45

When users are created, which three access levels can be granted through the GTM Configuration Utility? (Choose three.)

- A. CLI + Web Read Only
- B. Administrator
- C. Operator
- D. Root
- E. Guest

Answer: B,C,E (LEAVE A REPLY)

NEW QUESTION: 46

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

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

Web_Pool Member Statistic 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. All open connections are lost, but new connections are initiated by the newly active BIG-IP, resulting in minimal client downtime.
- B. All open connections will be lost.
- C. All open connections will be maintained.

- D. Long-lived connections such as Telnet and FTP will be maintained while short-lived connections such as HTTP will be lost.
- E. The "Mirror" option must be chosen on the NAT and the setting synchronized prior to the connection establishment.

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

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NEW QUESTION: 47

Which statement is correct concerning differences between BIG-IP ASM platforms?

- A. The 3900 has more ports than the 6800.
- B. The 3900 and 6800 have the same number of ports.
- C. The 3900 and 6800 can support both the module and standalone versions of BIG-IP ASM.
- D. The 3900 can support both module and standalone versions of BIG-IP ASM whereas the 6800 can support only the module version of BIG-IP ASM.

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

Explanation

NEW QUESTION: 48

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

- A. True
- B. False

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

NEW QUESTION: 49

Which process or system can be monitored by the BIG-IP system and used as a fail-over trigger in a redundant pair configuration.

- A. CPU utilization percentage
- B. bandwidth utilization
- C. VLAN communication ability
- D. duplicate IP address

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

NEW QUESTION: 50

A virtual server is listening at 10.10.1.100:80 and has the following iRule associated with it:

```
when HTTP_REQUEST { if {[HTTP::uri] ends_with "txt" } { pool pool1 }  
elseif {[HTTP::uri]  
ends_with "php" } { pool pool2 }
```

If

a user connects to http://10.10.1.100/foo.html, which pool will receive the request?

- A. Unknown. The pool cannot be determined from the information provided.
- B. pool1
- C. None. The request will be dropped.
- D. pool2

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 51

Complete the statement below by choosing the correct word or phrase to complete the sentence. By identifying IP addresses and security categories associated with malicious activity, the BIG-IP _____ service can incorporate dynamic lists of threatening IP addresses into the BIG-IP platform, adding context to policy decisions.

- A. LTM
- B. IP intelligence
- C. Edge Client
- D. iRules
- E. iApps

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 52

What is the purpose of the IP addresses listed in the Trusted IP section when using Policy Builder?

- A. Incoming requests with these IP addresses will automatically be accepted into the security policy, Policy Builder will validate that future requests with this traffic will not create a violation.
- B. Incoming requests with these IP addresses will never get blocked by BIG-IP ASM.
- C. Incoming requests with these IP addresses will be used by Policy Builder to create an alternate more advanced security policy, this additional policy will not be enabled unless forced by the administrator.
- D. Incoming requests with these IP addresses will not be taken into account as part of the learning process, they will be allowed to do anything.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 53

Even though F5 is an application delivery controller, it can also effectively mitigate attacks directed at the network layer.

- A. False

B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 54

In order to improve GTM performance, administrators should use multiple complex monitors to ensure resources are functioning properly:

A. False

B. True

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

NEW QUESTION: 55

What is the purpose of MAC masquerading?

A. to prevent ARP cache errors

B. to minimize ARP entries on routers

C. to minimize connection loss due to ARP cache refresh delays

D. to allow both BIG-IP devices to simultaneously use the same MAC address

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

Explanation/Reference:

NEW QUESTION: 56

Requests that do not meet the ASM security policies can:

A. Be blocked

B. All of the above

C. Be logged

D. Generate learning suggestions

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

NEW QUESTION: 57

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

A. ARX

B. Firepass

C. Acopia

D. TMOS

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

Explanation/Reference:

Explanation:

NEW QUESTION: 58

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 Activation:	Less Than 2
iRules:	None	Monitor:	Custom_HTTP
Default Pool:	Web_Pool		
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	4	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. 172.16.20.3:80
- B. 172.16.20.1:80
- C. 172.16.20.5:80
- D. 172.16.20.2:80
- E. 172.16.20.4:80

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 59

A monitor has been defined with an alias port of 443. All other options are left at their defaults. The administrator wishes to assign it to a pool of members where the members' ports vary. Which is the result?

- A. For each member, the monitor will test member node at port 443. For each member, the monitor will test the member node at port 443.
- B. For each member, if the member port is not 443, the member will be marked down. For each member, if the member port is not 443, the member will be marked down.
- C. For each member. If it is running an SSL service at the member port, the monitor may work. Otherwise, the monitor will fail and the member for each member, if it is running an SSL service at the member port, the monitor may work. Otherwise, the monitor will fail and the member will be marked down.
- D. This assignment is not allowed since the port do not match.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 60

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: 10.10.2.102:80 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

SNAT Address: SNAT Pool with 2 members 172.16.20.50 and 192.168.10.50

SNAT2 Source IP: All Addresses

SNATAddress: 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 10.10.100.50:2222 and a destination IP and port of 10.10.2.10:80. When the request is processed, what will be the source and destination IP addresses?



- A. The request will be dropped.
- B. Source IP: 10.10.2.102; Destination IP 10.10.2.10
- C. Source IP: 10.10.2.1; Destination IP: 10.10.2.10
- D. Source IP: Either 172.16.20.50 or 192.168.10.50; Destination IP: 10.10.2.10
- E. Source IP: 10.10.2.1; Destination IP: pool in the 172.16/16 network C

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

NEW QUESTION: 61

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. Nothing. Failover due to loss of voltage will not occur if the voltage is lost for less than ten seconds.
- B. When the cable is disconnected, both systems will become active. When the voltage is restored, both systems will maintain active mode.
- C. When the cable is disconnected, both systems will become active. When the voltage is restored, unit two will revert to standby mode.
- D. As long as network communication is not lost, no change will occur.

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

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NEW QUESTION: 62

Which events are valid iRule events triggered by BIG-IP ASM processing? (Choose two.)

- A. ASM_REQUEST_ACCEPTED
- B. ASM_REQUEST_VIOLATION
- C. ASM_REQUEST_BLOCKING
- D. ASM_RESPONSE_BLOCKING

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

NEW QUESTION: 63

A company deploys F5 load balancers to manage number of secure applications. The company needs to centrally manage certificates.

Which F5 product provides this functionality?

- A. GTW
- B. LTM
- C. BIG IQ
- D. iHeath

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

NEW QUESTION: 64

Which support service is required to synchrony the time stamps in system logs from these devices?

- A. SNMP

- B. Syslong
- C. DNS
- D. SMTP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 65

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 Activation:	Less Than 2
iRules:	None	Monitor:	Custom_HTTP
Default Pool:	Web_Pool		
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. 172.16.20.3:80
- B. 172.16.20.4:80
- C. 172.16.20.1:80
- D. 172.16.20.2:80
- E. 172.16.20.5:80

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

NEW QUESTION: 66

A top-level DNS zone uses a CNAME record to point to a sub-zone. Which of the following is an example of a sub-zone?

- A. .com
- B. www.F5.com
- C. f5.com
- D. www.F5.com/sub

E. www.gslb.F5.com

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

NEW QUESTION: 67

What are some changes that must be made on the GTM System so that log messages are sent to centralized System Log servers?

- A. The IP address of the server must be added to the wideip.conf file.
- B. The IP address of the server and valid userid/password combination must be added to the hosts.allow file.
- C. The IP address of the server must be added to the syslog-ng.conf file.
- D. The IP address of the server and valid userid/password combination must be added to the syslog-ng.conf file.

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

NEW QUESTION: 68

The least connections load balancing method functions best when all pool members sharesimilarcharacteristics.

- A. False
- B. True

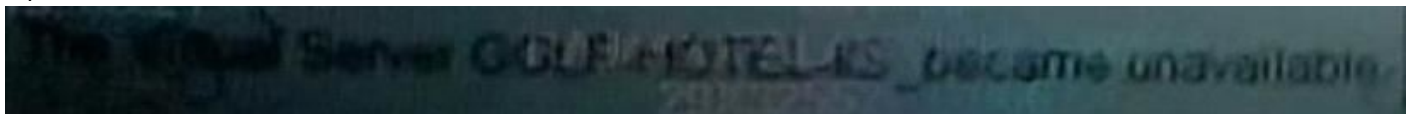
Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 69

A)



B)



C)



- A. Option
- B. Option
- C. Option

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 70

Which three of these software modules can you layer on top of LTM on a BIG-IP device?

- A. ARX

- B. APM
- C. Enterprise Manage
- D. FirePass
- E. Web Accelerator
- F. GTM

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

NEW QUESTION: 71

Which dynamic load balancing mode affects loadbalancing decisions based on path metrics?

- A. Virtual Server Capacity
- B. Least Connections
- C. Completion Rate
- D. Packet Rate

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

NEW QUESTION: 72

Which of the following statements about cookie persistence is NOT true?

- A. The cookie's timeout value can be customized.
- B. They are F5's preferred persistence method.
- C. No persistence information is placed on LTM.
- D. Web servers must be configured to send cookies to clients.
- E. They do not add a performance impact on LTM.

Answer: ([SHOW ANSWER](#))

Explanation:

NEW QUESTION: 73

Which two F5 platforms include specialized compression hardware? (Choose two.)

- A. 4200
- B. 3900
- C. 1600
- D. 11050
- E. 6900
- F. 8900

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

Explanation/Reference:

Explanation:

NEW QUESTION: 74

Administrators can specify an APM access profile when defining a virtual server in LTM.

- A. True
- B. False

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

Explanation/Reference:

NEW QUESTION: 75

The Protected Workspace client-side action provides more client-side security than the Cacheand Session Control action.

- A. True
- B. False

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

NEW QUESTION: 76

Replicating a large database between sites could take several hours without WOM, and only several minutes with WOM.

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 77

TMOS is an F5 software module that runs on the BIG-IP platform.

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

TMOS is multi-module OS on Big-IP platform

NEW QUESTION: 78

Administrators can configure which three of the following load balancing options in GTM?

- A. Alternate
- B. Fallback
- C. Required
- D. Preferred
- E. Backup
- F. Optional

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

NEW QUESTION: 79

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.

Virtual Server Settings		Web Pool Parameters	
Destination:	172.16.20.100:80	Load Balancing:	Least Connections
Protocol:	TCP/HTTP	Priority Group:	
Rules:	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: 172.16.20.3:80	2	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. 172.16.20.4:80

B. 172.16.20.5:80

C. 172.16.20.3:80

D. 172.16.20.2:80

E. 172.16.20.1:80

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

NEW QUESTION: 80

A BIG-IP Administrator contacts F5 Support and is asked to upload a Support Snapshot. Which command should be entered to the CLI to generate the requested file?

A. tmsh qkview

B. tmsh tcpdump

C. imsh generate snapshot

D. tmsh save sys ucs support

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

NEW QUESTION: 81

WebAccelerator uses three tiers to improve performance. What are the three tiers?

A. Web server offload

B. Network offload

C. Client offload

D. Protocol offload

E. Application offload

F. Bandwidth offload

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

Explanation/Reference:

Explanation:

NEW QUESTION: 82

The BIG-IP determines the lowest connection speed between the client and the server and then uses that for both connections.

A. False

B. True

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

NEW QUESTION: 83

Which are immediate results of entering the following command: b pool PoolA . { lb method predictive member 10.10.1 .1:80 member 10.10.1.2:80 }

Answer:

NEW QUESTION: 84

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 through the serial fail-over cable unless network fail-over is enabled.

C. Persistence mirroring data is shared via a TCP connection using port 1028.

D. Connection mirroring data is shared via a TCP connection using port 1028.

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

NEW QUESTION: 85

The Rapid Deployment Policy is used to:

A. Improve website performance

B. Quickly protect web sites for most common attacks

C. Improve ASM performance

D. Provide wizard functionality for quick policy creation

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

Explanation/Reference:

Explanation:

NEW QUESTION: 86

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

A. The ARX balances capacity within tiers A storage, but cannot balance capacity across tiers of storage

- B.** 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
- 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.** 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

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

NEW QUESTION: 87

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

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

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

NEW QUESTION: 88

An administrator configures secure remote access to a server's shell. Given the netstat output, what did the administrator configure?

- A.** telnetd, allowing connections only from IP address 10.1.10.46
- B.** sshd, listening on IP address 10.1.10.46
- C.** sshd, allowing connections only from IP address 10.1.10.46
- D.** telnetd listening on IP address 10.1.10.46

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

Although it appears telnet is configured in this example (!) it is listening on all IP addresses of the system while ssh (port 22) is only on the 10.1.10.46 address.

NEW QUESTION: 89

Which service should be configured to allow BIG-IP devices to be externally monitored?

- A.** SNMP
- B.** TMSH
- C.** SMTP
- D.** SSHD

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

NEW QUESTION: 90

You can use an HTTP class profile to forward traffic that matches which three of these types of criteria? (Choose three.)

- A. URI path
- B. User name
- C. Host name
- D. HTTP header
- E. Protocol
- F. Port

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

NEW QUESTION: 91

Which three of these software modules can you layer on top of LTM on a BIG-IP device? (Choose three.)

- A. Web Accelerator
- B. APM
- C. ARX
- D. GTM
- E. Firepass
- F. Enterprise Manager

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

These software modules can you layer on top of LTM on a BIG-IP device are AAM, APM and GTM.

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NEW QUESTION: 92

What is required for a virtual server to support clients whose traffic arrives on the internal VLAN and pool members whose traffic arrives on the external VLAN.

- A. The virtual server must be enabled on the external VLAN.
- B. The virtual server must be enabled on the internal VLAN.
- C. The virtual server must be enabled for both VLANs.
- D. That support is never available.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 93

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

- A. When the cable is disconnected, both systems will become active. When the voltage is restored, both systems will maintain active mode.
- B. As long as network communication is not lost, no change will occur.
- C. When the cable is disconnected, both systems will become active. When the voltage is restored, unit two will revert to standby mode.
- D. Nothing. Fail-over due to loss of voltage will not occur if the voltage is lost for less than ten seconds.

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

NEW QUESTION: 94

Which three parameters can be specified within the Setup Utility? (Choose three.)

- A. all necessary administrative IP addresses (including floating addresses)
- B. IP address of an NTP server C IP address of an initial Wide-IP
- C. password of the "root" user
- D. IP address restrictions for ssh access

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

NEW QUESTION: 95

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

- A. True
- B. False

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

Explanation/Reference:

Explanation:

NEW QUESTION: 96

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

- A. Servers
- B. Data Centers
- C. Wide IPs
- D. Pool Members
- E. Pools

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 97

The VIPRION provides hot-pluggable capabilities for which four of these types of hardware?

- A. LCD displays
- B. Fan trays
- C. Memory
- D. Power supplies
- E. Performance blades

F. CompactFlash

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

Explanation/Reference: The VIPRION provides hot-pluggable capabilities for Fan trays, Memory, Power supplies ,and Performanceblades

NEW QUESTION: 98

What are the two primary functions of the OSI 7 layer model (Choose two)

- A. to define protocol behavior
- B. to standardize HTTP communications between different vendors
- C. to guide interoperability between products made by different vendors
- D. to define specifications of host-to-host communications
- E. to group communications into logical layers

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

NEW QUESTION: 99

User A and User B's workload are on the same VLAN, but connected through a transparent layer 2 bridge in use B's ARP table. Which MAC address is reported for user A's workstation?

- A. The physical port MAC address on the bridge for user A's workstation
- B. The MAC address of User A's workstation
- C. The MAC address of the 12 bridge
- D. The physical port MAC address on the bridge for user B's workstation

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

NEW QUESTION: 100

When a business is hacked, they often lose more than money. What are the other consequences to a business as a result of being hacked? Select two.

- A. Helpful third partyreviews of the security needs of the customer's web applications
- B. Valuable free press that occurs as companies address hacking incidents
- C. Penalties related to non-compliance with laws and regulations
- D. Final resolution of all security vulnerabilities of the business' web applications
- E. Loss of customers when slow connections drive customers to competitor's site

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

NEW QUESTION: 101

Where do you configure GTM client persistence?

Case Study Title (Case Study):

- A. Within a load balancing method
- B. On a wide IP object
- C. On a virtual server object

- D. On a DNS pool object
- E. On a DNS listener object

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 102

Which three of these scenarios should you identify as being an APM opportunity?

- A. An organization that needs to ensure users are using Symantec antivirus software
- B. An organization sharing a public Web site for all Internet users
- C. An organization with a single location and no remote employees
- D. An organization using Novell Netware for authentication
- E. An organization that has been recently fined for failing security compliance
- F. An organization with a traveling sales force

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 103

Which two statements describe differences between the active and standby systems. (Choose two.)

- A. Monitors are performed only by the active system.
- B. Virtual server addresses are hosted only by the active system.
- C. Configuration changes can only be made on the active system.
- D. Floating self-IP addresses are hosted only by the active system.
- E. Fail-over triggers only cause changes on the active system.

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

NEW QUESTION: 104

Select the question you would ask your customer related to DNS attacks. Based on the material, choose the most appropriate question.

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

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

NEW QUESTION: 105

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.

- A. 172.16.20.3:80
- B. 172.16.20.5:80
- C. 172.16.20.4:80

D. 172.16.20.2:80

E. 172.16.20.1:80

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

NEW QUESTION: 106

Which is a potential result when a trunk is configured on a BIG-IP?

A. No additional trunks can be configuration since each BIG-IP is limited to one trunk

B. VLAN fail-safe is not available for any VLAN associated with any trunks.

C. Since any VLANs associated with the trunk are necessarily associated with multiple interfaces, the VLAN using the must use tagged packets.

D. Packets flowing to the VLAN could arrive on any of the interfaces in the trunk

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

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NEW QUESTION: 107

The ARX saves customers time, money and frustration through a stub-based system that makes a slight modification to each file in order to more efficiently sort and store end user data.

A. False

B. True

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

NEW QUESTION: 108

Which statement accurately describes the difference between two load-balancing modes specified as "member" and "node".

A. There is no difference; the two terms are referenced for backward compatibility purposes.

B. When the load-balancing choice references "node", priority group activation is unavailable.

C. Load-balancing options referencing "nodes" are available only when the pool members are defined for the "any" port.

D. When the load-balancing choice references "node", the addresses' parameters are used to make the load-balancing choice rather than the member's parameters.

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

NEW QUESTION: 109

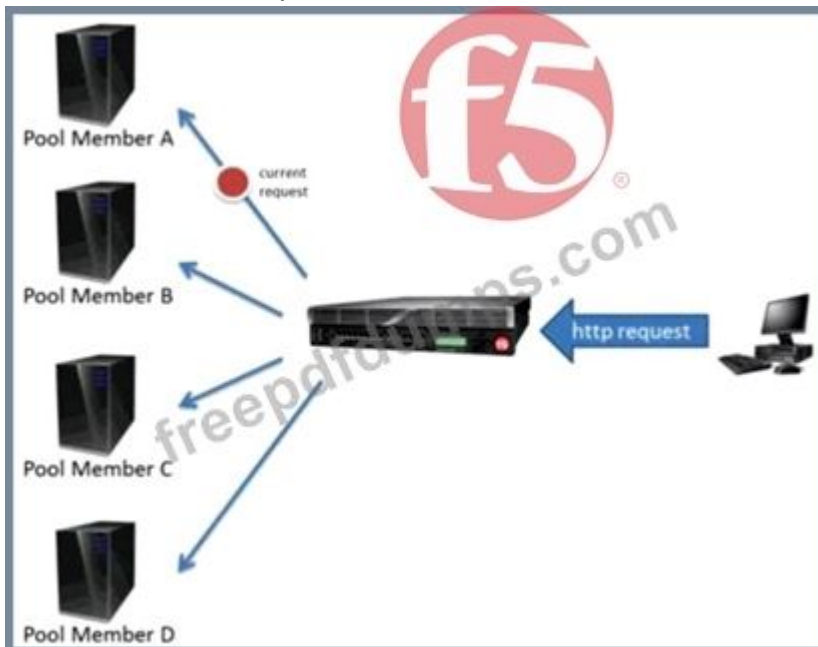
Why is BIG-IP ASM ideally suited to protect against layer 7 attacks, including HTTP and HTTPS/SSL traffic, when compared to an intrusion prevention system (IPS)?

- A. An IPS only focus on operating system attacks; it doesn't understand what application 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 doesn't have the visibility into HTTPS traffic. it doesn't understand what applications are in the network.

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

NEW QUESTION: 110

If LTM uses the round robin load balancing method, which pool member in the diagram above will receive the next request?



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

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

Explanation

LTM uses the round robin load balancing method so after A will be B.

NEW QUESTION: 111

Which three of these scenarios should you identify as being an APM opportunity? (Choose three.)

- A. An organization using Novell Netware for authentication.
- B. An organization that has been recently fined for failing security compliance.
- C. An organization with a traveling sales force.

- D. An organization with a single location and no remote employees.
- E. An organization that needs to ensure users are using Symantec antivirus software.
- F. An organization sharing a public Web site for all Internet users.

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

Explanation/Reference:

NEW QUESTION: 112

When initially configuring the GTM System using the config tool, which two parameters can be set? (Choose two.)

- A. IP Address of management port
- B. Port lockdown of management port
- C. System hostname
- D. IP Address of the external VLAN
- E. Default route for management port

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

NEW QUESTION: 113

Which two of the following are costs businesses may face in dealing with unstructured data?

- A. Lost productivity due to server downtime
- B. Buying backup media
- C. Buying additional storage capacity
- D. Paying to convert unstructured data into structured data

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

Explanation/Reference:

Explanation:

NEW QUESTION: 114

The BIG-IP ASM System is configured with a virtual server that contains an HTTP class profile and the protected pool members are associated within the HTTP class profile pool definition. The status

of this virtual server is unknown (Blue). Which of the following conditions will make this virtual server become available (Green)?

- A. Associate a default pool to the virtual server and assign a successful monitor to the pool members
- B. Associate a fallback host to the virtual server and assign a successful monitor to the fallback host
- C. Assign a successful monitor to the virtual server
- D. Assign a successful monitor to the members of the HTTP class profile pool

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

NEW QUESTION: 115

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 an 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: ([SHOW ANSWER](#))

Explanation/Reference:

It does not provide an acceptable disaster recovery solution, it is so close

NEW QUESTION: 116

A BIG-IP Administrator needs to configure a network to separate traffic into three different VLANs using a single port on the BIG-IP device. What means should be used to allow this?

- A. LACP link aggregation
- B. Port Spanning
- C. 802.1Q VLAN tagging
- D. Multiple MAC registration Protocol

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 117

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

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

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

Explanation/Reference:

NEW QUESTION: 118

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

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

Explanation:

NEW QUESTION: 119

in which scenario is a full proxy required?

- A. When administration directly access the servers for administration
- B. When a separation between client and server connection .s needed
- C. when all TCP client parameters must be seen by the server

Reference [https //devcentral.f5.com/articles/three-things-your-proxy-cart-do-unless-its-a-full-proxy](https://devcentral.f5.com/articles/three-things-your-proxy-cart-do-unless-its-a-full-proxy)

- D. when the server sends the response through lho load balancer

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

NEW QUESTION: 120

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

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

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

NEW QUESTION: 121

Host A sends 10 TCP packets to Host B.

All packets arrive at Host B quickly, but some arrive out of order.

What will Host B do?

- A. drop all packets and wait for arrival in order
- B. drop any packets that arrive out of order
- C. ACK only packets that are in order
- D. ACK all packets and place them in order

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

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NEW QUESTION: 122

Administrators can configure which three of the following load balancing options in GTM?

(Choose three.)

- A. Alternate

- B. Required
- C. Preferred
- D. Backup
- E. Fallback
- F. Optional

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

NEW QUESTION: 123

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

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

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

NEW QUESTION: 124

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:

Explanation:

NEW QUESTION: 125

Which four of these benefits does APM provide?

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

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

Explanation/Reference:

Explanation:

NEW QUESTION: 126

Which two statements are true about SNATs. (Choose two.)

- A. SNATs can be configured within a Profile definition.
- B. SNAT's are enabled only on the VLAN where origin traffic arrives, by default
- C. SNATs can be configured within a Virtual Server definition.
- D. SNATs are enabled on all VLANs, by default.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 127

Assume a virtual server is configured with a ClientSSL profile. What would the result be if the virtual server's destination port was not 443?

- A. Since the virtual server is associated with a ClientSSL profile, it will always process traffic sent to port 443.
- B. Virtual servers with a ClientSSL profile are always configured with a destination port of 443.
- C. As long as client traffic was directed to the alternate port, the virtual server would work as intended.
- D. SSL termination could not be performed if the virtual server's port was not port 443.

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

NEW QUESTION: 128

Which three of the following are benefits of adding WebAccelerator to the network infrastructure? (Choose three.)

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

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

NEW QUESTION: 129

Even though F5 is an application delivery controller, it can also effectively mitigate attacks directed at the network layer.

- A. True
- B. False

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

NEW QUESTION: 130

When a business is hacked, they often lose more than money. What are the other consequences to a business as a result of being hacked? Select two.

- A. Helpful third party reviews of the security needs of the customer's web applications
- B. Penalties related to non-compliance with laws and regulations

- C. Loss of customers when slow connections drive customers to competitor's site
- D. Final resolution of all security vulnerabilities of the business' web applications
- E. Valuable free press that occurs as companies address hacking incidents

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

NEW QUESTION: 131

The F5 Visual Policy Editor (VPE) is unique to the F5 BIG-IP APM module; no other access management tool has this capability. Select the features that the VPE provides. Select two

- A. Develop customized reports on user access
- B. Customize landing or login pages
- C. Establish highly detailed policies based on customer business requirements
- D. Configure authentication server objects
- E. Perform multiple factors of authentication

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

NEW QUESTION: 132

Which VLANs must be enabled for a SNAT to perform as desired (translating only desired packets).

- A. The SNAT must be enabled for the VLANs where desired packets arrive and leave the BIG-IP.
- B. The SNAT must be enabled for all VLANs.
- C. The SNAT must be enabled for the VLANs where desired packets arrive on the BIG-IP.
- D. The SNAT must be enabled for the VLANs where desired packets leave the BIG-IP.

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

NEW QUESTION: 133

The Policy Builder benefits include:

- A. Doesn't require in depth web application knowledge
- B. Only requires limited ASM knowledge
- C. All of the above
- D. Very low administrative impact

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

Explanation/Reference:

NEW QUESTION: 134

A GTM System would like to ensure that a given LTM System is reachable and iQuery communication is allowed prior to sending it client request. What would be the simplest monitor template to use?

- A. BIG-IP
- B. SNMP

- C. HTTP
- D. ICMP
- E. TCP

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

NEW QUESTION: 135

Why does deploying LTM into an existing network immediately improve security?

- A. No traffic is allowed through LTM until it has been specified.
- B. All users must authenticate before accessing applications through LTM.
- C. Only LAN administrators can access resources through LTM.
- D. All traffic through LTM is checked for DDoS attacks.
- E. Only requests for specific ports are allowed through LTM.

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

NEW QUESTION: 136

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

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

Explanation/Reference:

Explanation:

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NEW QUESTION: 137

When installing LTM on different VIPRION performance blades, each instance of LTM needs to be licensed separately.

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 138

To share device information with F5 technical support, a customer must either verbally share the information over the phone or copy and send the information in an Email.

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 139

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

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

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

NEW QUESTION: 140

GTM can sign a DNS response using DNSSEC only if the DNS request?

- A. has the S?bit set. has the ?S?bit set.
- B. is a part of a DNSSEC zone.
- C. is for a Wide-IP name on the GTM.
- D. is answered by BIND running on the GTM.

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

NEW QUESTION: 141

An administrator wants to insert per-session data in a users browser so that user requests are directed to Which session persistence method should the administrator use?
the same session

- A. SSL persistence
- B. Source address persistence
- C. destination address persistence
- D. cookie persistence

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

<https://support B.com/csp/article/K83419154>

NEW QUESTION: 142

Which three of these software modules can you layer on top of LTM on a BIG-IP device? (Choose three.)

- A. Web Accelerator
- B. APM
- C. ARX
- D. GTM
- E. Firepass
- F. Enterprise Manager

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

Explanation

These software modules can you layer on top of LTM on a BIG-IP device are AAM, APM and GTM.

NEW QUESTION: 143

Similar to LTM monitors, GTM monitors use both an Interval and a Timeout value.

- A. True
- B. False

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

NEW QUESTION: 144

Data centers often rely on either traditional firewalls or next generation firewalls. Select the core weakness of the traditional or next generation firewalls when it comes to DDoS attacks.

- A. They are limited in amount of connections per second and the amount of sustained connections they can handle
- B. The cost performance ratio of next generation firewalls is too high.
- C. The agility of traditional firewalls is too limited when it comes to DDoS attacks.
- D. Data center traffic is primarily outbound.

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

Explanation/Reference:

Explanation:

NEW QUESTION: 145

How is persistence configured.

- 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 global setting; once enabled, load-balancing choices are superceded by the persistence method that is specified.
- C. Persistence is a profile type; an appropriate profile is created and associated with virtual server.
- D. Persistence is an option within each pool's definition.

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

NEW QUESTION: 146

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](#))

NEW QUESTION: 147

An organization needs to cryptographically sign its domains. Which F5 product provides this functionality?

- A. ASM
- B. LTM
- C. GTM
- D. APM

<https://devcentral.f5.com/articles/the-tNg-ip-gtm-configuring-dnssec>

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

NEW QUESTION: 148

What is an advantage of packet forwarding architecture?

- A. allows for SSL offload
- B. reduces latency
- C. allows for manipulation of HTTP headers
- D. handles larger packet sizes

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

<https://devcentral.f5.com/questions/packet-and-proxy-based-56526>

NEW QUESTION: 149

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

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

Explanation/Reference:

Explanation:

NEW QUESTION: 150

Which of the following mitigation techniques is based on anomaly detection? (Choose two)

- A. Cross site request forgery prevention
- B. Web scraping attack prevention
- C. Brute force attack prevention
- D. Parameter tampering prevention

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

NEW QUESTION: 151

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

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

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

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NEW QUESTION: 152

Which four of these statements regarding object size and WebAccelerator performance are true? (Choose four.)

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

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

NEW QUESTION: 153

Which two can be a part of a virtual server's definition? (Choose two.)

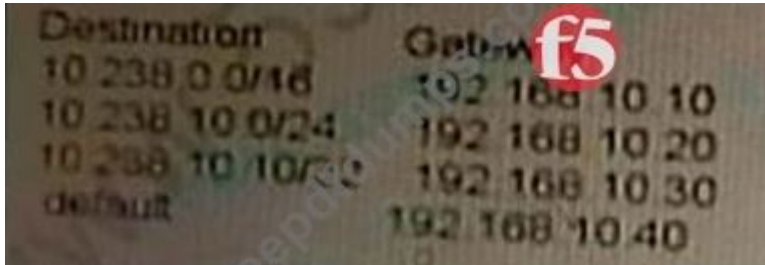
- A. pool(s)
- B. node address(es)

- C. monitor(s)
- D. load balancing method(s)
- E. rule(s)

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 154

The BIG-IP device has the following configured routes:



Destination	Gateway
10.238.0.0/16	192.168.10.10
10.238.10.0/24	192.168.10.20
10.238.10.10/32	192.168.10.30
default	192.168.10.40

Which gateway will be chosen to send the packet to the destination 10.238.10.11?

- A. 192.168.10.20
- B. 192.168.10.10
- C. 192.168.10.30
- D. 192.168.10.40

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

NEW QUESTION: 155

A virtual server is listening at 10.10.1.100:any and has the following iRule associated with it: when CLIENT_ACCEPTED { if {[TCP::local_port] equals 80 } { pool pool1 } elseif {[TCP::local_port] equals 443 } { pool pool2 } If a user connects to 10.10.1.100 and port 22, which pool will receive the request.

- A. Unknown. The pool cannot be determined from the information provided.
- B. pool1
- C. pool2
- D. None. The request will be dropped.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 156

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

- A. True
- B. False

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

NEW QUESTION: 157

In a routed configuration, what does LTM do with the packet before sending it to the pool member?

- A. Change the source IP and the destination IP address
- B. Leave it unchanged and forward it
- C. Change the source IP address
- D. Change the destination IP address

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

Explanation/Reference:

NEW QUESTION: 158

Which event is always triggered when the client sends data to a virtual server using TCP?

- A. VS_CONNECTED
- B. CLIENT_DATA
- C. HTTP_REQUEST
- D. HTTP_DATA

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

NEW QUESTION: 159

Given that VLAN failsafe is enabled on the external VLAN and the network that the active BIG-IP's external VLAN is connected to has failed, which statement is always true about the results.

- A. The active system will note the failure in the HA table.
- B. The active system will failover and the standby system will go into active mode.
- C. The active system will reboot and the standby system will go into active mode.
- D. The active system will restart the traffic management module to eliminate the possibility that BIG-IP is the cause for the network failure.

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

NEW QUESTION: 160

When is a Virtual Server hosted by an LTM System defined with two IP addresses?

- A. Two addresses are used to define Virtual Servers when the LTM System hosting it is behind a firewall that is translating the Virtual Server address.
- B. Two addresses are used to define the Virtual Server when it is managed by redundant LTM Systems.
- C. Two addresses are used to define some Virtual Servers so that the GTM System can choose the better address when resolving the name.
- D. Two addresses are used to define a Virtual Server when the Wide-IP should resolve to a different address depending on which LTM System is active.

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

NEW QUESTION: 161

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

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

NEW QUESTION: 162

A virtual server is defined using a sourceaddress 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.

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
A: 10.10.20.1:80	3	5	6	18	Available
B: 10.10.20.2:80	3	5	6	12	Available
C: 10.10.20.3:80	3	5	12	5	Disabled
D: 10.10.20.4:80	1	1	8	19	Offline
E: 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 Connectons	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. 10.10.20.3:80
- B. 10.10.20.5:80
- C. 10.10.20.2:80
- D. 10.10.20.1:80
- E. 10.10.20.4:80

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

NEW QUESTION: 163

What is the next hop used to send traffic to reach 192.168.1.50?



Destination	Mask	Gateway	Interface	Metric
0.0.0.0	0.0.0.0	172.17.12.254	172.17.12.51	45
127.0.0.0	255.0.0.0	On-link	127.0.0.1	331
172.17.12.0	255.255.255.0	On-link	172.17.12.51	301
172.17.12.50	255.255.255.255	On-link	172.17.12.51	301
172.17.12.51	255.255.255.255	On-link	172.17.12.51	301

- A. 172. 17. 12.254
- B. 172. 17. 12. 51
- C. 192. 168. 150
- D. 172. 17. 12/ 255

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

NEW QUESTION: 164

Which action will take place when a failover trigger is detected by the active system.

- A. The active device will take the action specified for the failure.
- B. The active device will wait for all connections to terminate and then failover.
- C. The standby device also detects the failure and assumes the active role.
- D. The standby device will begin processing virtual servers that have failed, but the active device will continue servicing the functional virtual servers.

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

NEW QUESTION: 165

Which statement is true concerning SSL termination.

- A. When any virtual server uses a ClientSSL profile, all SSL traffic sent to the BIG-IP is decrypted before it is forwarded to servers.
- B. Decrypting traffic at the BIG-IP allows the use of iRules for traffic management, but increases the load on the pool member.
- C. A virtual server that has both ClientSSL and ServerSSL profiles can still support cookie persistence.
- 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: C ([LEAVE A REPLY](#))

NEW QUESTION: 166

The main drawback to using an APM Deployment Wizard is that it is not possible to edit the resulting objects, including the access policy.

A. True

B. False

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

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NEW QUESTION: 167

A BIG IP virtual Server with an IP address of 10.100.43.108 must be available to public internet users. Which technology should be used to achieve this task?

A. DNS

B. NDP

C. NAT

D. ARP

10 x. x. x/8 is an RFC 1918 reserved private IP address. It must be NATted from a publicly accessible IP for access from the internet

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

NEW QUESTION: 168

APM administrators can configure access policies granting users which two types of access?

A. CIFS access

B. Web application access

C. Client/server access

D. RDC access

E. Proxy access

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 169

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

Answer:

TMOS

NEW QUESTION: 170

Which persistence method will always recognize a client when the client returns to the same virtual server?

- A. No persistence method work in all situations.
- B. expression [universal]
- C. source address
- D. MSRDp
- E. SSL

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

NEW QUESTION: 171

What will likely happen if you were to define a LTM System in the wrong Data Center?

- A. The GTM System would not be able to communicate with that LTM System.
- B. There would be no effect if the LTM System is defined in the wrong Data Center.
- C. Data from probes from that LTM System might result in inaccurate path metrics and load balancing decisions.
- D. The GTM System would not be able to resolve Wide-IPs to the addresses associated with that LTM System's Virtual Servers.

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

NEW QUESTION: 172

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

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

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

NEW QUESTION: 173

GTM uses Auto Discovery to add virtual servers from both LTM and non-BIG-IP load balancers.

- A. True
- B. False

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

Explanation/Reference:

Explanation:

NEW QUESTION: 174

Which protocol data unit (PDU) is associated with the OSI model's Physical layer?

- A. Segment
- B. Bit

https://en.wikipedia.org/wiki/Protocol_data_unit

C. Datagram

D. Frame

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 175

IP Enforcer blocks IP addresses that have repeatedly and regularly attacked the site.

A. True

B. False

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

Explanation/Reference:

Explanation:

NEW QUESTION: 176

Why does the F5 Application Delivery Firewall solution mitigate SSL attacks more effectively than any other firewalls?

A. Because F5 has unlimited capacity to handle SSL traffic.

B. Because F5 has full visibility and control of SSL traffic.

C. Because F5 has a separate iApp to handle SSL traffic.

D. Because F5 supports large SSL key sizes.

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

Explanation/Reference:

NEW QUESTION: 177

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 ([LEAVE A REPLY](#))

NEW QUESTION: 178

A BIG IP Administrator observes that the pool member status is a blue square What does this status indicate?

A. The object is available

B. The object is unavailable.

C. The availability of the object is unknown.

D. The object has reached its configured connection limit

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

NEW QUESTION: 179

A web client accesses a web application using what protocol?

- A. XML
- B. TCP
- C. HTTP
- D. HTML

Answer: (SHOW ANSWER)

NEW QUESTION: 180

What occurs when a load command is issued?

- A. rootBIG-IPsystem[Active][tmios.ltm.pool]#create pooh members add {172.16.20.1:80} }
- B. rootBIG-IPsystem[Active][tmios.ltm.pool]#create pooh members add {170.16.20.1:80}
- C. rootBIG-IPsystem[Active][tmios.ltm.pool]#create pooh members add {172.16.20.1:80{priority group 2}}
- D. rootBIG-IPsystem[Active][tmios.ltm.pool]#create pooh members add {172.16.20.1:80}

Answer: B (LEAVE A REPLY)

NEW QUESTION: 181

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

Answer: B,D (LEAVE A REPLY)

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NEW QUESTION: 182

Which of the following statements best describes the ARX architecture?

- A. All of the above.
- B. The ARX's architecture has redundancy built in, allowing a single ARX to be deployed in most use cases which provides a huge cost savings to customers.
- C. It is a software agent that installs on the storage device.

D. The ARX's split path architecture has a data path that handles the most common operations, and a control path that handles other operations requiring deeper inspection and updating of the index.

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

NEW QUESTION: 183

What is the purpose of the IP addresses listed in the Trusted IP section when using Policy Builder?

- A.** Incoming requests with these IP addresses will automatically be accepted into the security 87 F5 101 Exam policy, Policy Builder will validate that future requests with this traffic will not create a violation.
- B.** Incoming requests with these IP addresses will never get blocked by BIG-IP ASM.
- C.** Incoming requests with these IP addresses will be used by Policy Builder to create an alternate more advanced security policy, this additional policy will not be enabled unless forced by the administrator.
- D.** Incoming requests with these IP addresses will not be taken into account as part of the learning process, they will be allowed to do anything.

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

NEW QUESTION: 184

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: 10.10.2.102:80 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
SNAT Address: SNAT Pool with 2 members 172.16.20.50 and 192.168.10.50
SNAT2 Source IP: All Addresses
SNAT Address: 10.10.2.102 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 10.10.100.50:2222 and a destination IP and port of

10.10.2.10:80. When the request is processed, what will be the source and destination IP addresses?



- A. Source IP: Either 172.16.20.50 or 192.168.10.50; Destination IP: 10.10.2.10
- B. Source IP: 10.10.2.1; Destination IP: pool in the 172.16/16 network C
- C. The request will be dropped.
- D. Source IP: 10.10.2.102; Destination IP 10.10.2.10
- E. Source IP: 10.10.2.1; Destination IP: 10.10.2.10

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

NEW QUESTION: 185

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

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

Explanation/Reference:

Explanation:

NEW QUESTION: 186

A pool is using Round Trip Time as its load balancing method (Alternate: Round Robin; Fallback: None). The last five resolutions have been C, D, C, D, C.

Given the current conditions shown in the table below, which address will be used for the next resolution?

	Wide-IP Virtual Server (Site Address)	Persistence / TTL	Ratio	Order	Virtual Server Connections	LDNS Round Trip Time	Status
A	198.13.1.1:80	Not Enabled / 3600		1	32	243 ms	Down
B	64.24.21.2:81	Not Enabled / 3600		2	33	267 ms	Up
C	197.70.2.3:80	Not Enabled / 3600		3	99	2437 ms	Up
D	216.33.2.4:80	Not Enabled / 3600		4	100	300 ms	Down

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

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

NEW QUESTION: 187

Which is NOT an ASM protection method for cross site scripting?

- A. Signatures
- B. URI character set limiting
- C. Token injection
- D. Parameter character set limiting

Answer: (SHOW ANSWER)

Explanation/Reference:

NEW QUESTION: 188

Which parameters are set to the same value when a pair of BIG-IP devices are synchronized.

- A. profile definitions
- B. system clocks
- C. host names
- D. MAC masquerade addresses
- E. VLAN fail-safe settings

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

NEW QUESTION: 189

Click the Exhibit Button an LTM has the 3 virtual servers, a SNAT defined, 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.

```

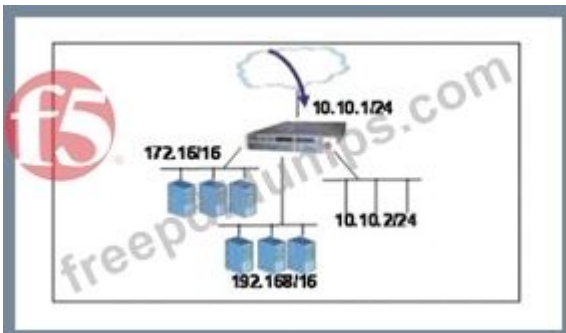
VirtualServer 1
Destination: 10.10.1.102:80 netmask 255.255.255.255
Pool: Pool with 3 members in the 172.16/16 network
SNAT Automap enabled

VirtualServer2
Destination: 10.10.1.102:* netmask
255.255.255.255
Pool: Pool with 3 members in the 192.168/16 network

VirtualServer 3
Destination: 10.10.2.0:80 netmask 255.255.255.0
Type: IP Forwarding
SNATI 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 10.20.100.50:80 and a destination IP and port of 10.10.2.10:80. When the request is processed, what will be the source and destination IP addresses?



- A. Source IP: 10.20.100.50; Destination IP: 10.10.2.10
- B. Source IP: 10.10.2.1; Destination IP: 10.10.2.10
- C. Source IP: Either 172.16.20.50 or 192.168.10.50; Destination IP: 10.10.2.10
- D. The request will be dropped.

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

NEW QUESTION: 190

Which two of the following LTM load balancing methods require the least amount of resources?
(Choose two.)

- A. Ratio
- B. Least connections
- C. Round robin
- D. Predictive
- E. Fastest
- F. Observed

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

NEW QUESTION: 191

Using IP Geolocation, an organization can always direct a client request from France to a data center in Dublin.

- A. True
- B. False

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

Explanation/Reference:

NEW QUESTION: 192

_____ % of F5 products are sent through thorough software testing before being sold to customers

- A. 100
- B. 50
- C. 60
- D. 80

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

Explanation/Reference:

Explanation:

NEW QUESTION: 193

A virtual server is listening at 10.10.1.100:80 and has the following iRule associated with it:

```
when HTTP_REQUEST { if { [HTTP::header UserAgent] contains "MSIE" }  
  { pool MSIE_pool }  
  else { pool Mozilla_pool }
```

If

a user connects to http://10.10.1.100/foo.html and their browser does not specify a UserAgent, which pool will receive the request?

- A. None. The request will be dropped.
- B. MSIE_pool
- C. Mozilla_pool
- D. Unknown. The pool cannot be determined from the information provided.

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

NEW QUESTION: 194

Using WOM for vMotion transfers across the WAN prevents VMware users from experiencing interruptions.

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

NEW QUESTION: 195

When using a routed configuration, the real server must point to the LTM as the _____.

- A. Virtual IP
- B. DNS server
- C. WINS server
- D. NTP server
- E. Default gateway

Answer: (SHOW ANSWER)

NEW QUESTION: 196

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. rewrite profile
- C. TCP profile
- D. SPDY

Answer: A (LEAVE A REPLY)

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NEW QUESTION: 197

Which three are GTM server dynamic load balancing modes? (Choose three.)

- A. Packet Rate
- B. Virtual Server Score
- C. CPU
- D. Fallback IP
- E. Ratio

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

Explanation

The Global Traffic Manager supports the following dynamic load balancing modes:

Completion Rate

CPU

Hops
Kilobytes/Second
Least Connections
Packet Rate
Quality of Service (QoS)
Round Trip Times (RTT)
Virtual Server Score
VS Capacity

NEW QUESTION: 198

A BIG IP Administrator wants to add a new VLAN (VLAN 40) to an LACP trunk (named LACP01) connected to the BIG IP device. Multiple other VLANs exist on LACP01. Which TMSH command should the BIG IP Administrator issue to add the new VLAN to the existing LAC?

A BIG IP Administrator wants to add a new VLAN (VLAN 40) to an LACP trunk (named LACP01) connected to the BIG IP device. Multiple other VLANs exist on LACP01. Which TMSH command should the BIG IP Administrator issue to add the new VLAN to the existing LAC?

- A. create net vian VLAN40 {interfaces add (LACP01 {untagged}) tag 40}
- B. create net wan VLAN40 {interfaces replace all with {LACP01 {tagged }} lag 40 } Tagged" VLAN is how F5 refers to a VLAN within an 802.1q trunk. The fact that it is an FS trunk' or an LACP/etherchannel link only changes how the interface is referred to in the command.
- C. create net vian VLAN40 (interfaces add { LACP01 {tagged} tag JO J
- D. create net vian VLAN40 (interfaces replace all with {LACP01 (untagged } } lag 40)

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 199

ASM Geolocation reporting provides information regarding:

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

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

NEW QUESTION: 200

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. Most templates, such as https, should have the receive rule customized to make the monitor more robust.
- C. While some templates, such as ftp, must be customized, those that can be used without modification are not improved by specific changes.

D. Monitor template customization is only a matter of preference, not an issue of effectiveness or performance.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 201

Which three are GTM server dynamic load balancing modes?

- A. Packet Rate
- B. Virtual Server Score
- C. CPU
- D. Fallback IP
- E. Ratio

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

Explanation/Reference:

Explanation:

The Global Traffic Manager supports the following dynamic load balancing modes:

Completion Rate

CPU

Hops

Kilobytes/Second

Least Connections

Packet Rate

Quality of Service (QoS)

Round Trip Times (RTT)

Virtual Server Score

VS Capacity

NEW QUESTION: 202

By default, how frequently are log files rotated?

- A. daily
- B. hourly
- C. weekly
- D. There is no default; the administrator sets the frequency.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 203

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](#))

Explanation/Reference:

Explanation:

NEW QUESTION: 204

in which scenario is a full proxy TCP connection required?

- A. when administrators manage the servers directly
- B. when SSL offloading is used
- C. when 3 server responds directly to the client
- D. when Traffic is routed

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

NEW QUESTION: 205

ASM offers the most extensive, effective, and simplest to configure CSRF protection in the WAF market.

- A. False
- B. True

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

NEW QUESTION: 206

GTM uses Auto Discovery to add virtual servers from both LTM and non-BIG-IP load balancers.

- A. True
- B. False

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 207

A client sends a request to a virtual server `http://www.foo.com` configured on the BIG-IP ASM System.

The virtual server has an HTTP class profile associated with Application Security enabled, all class filters set to match all, and a pool consisting of `foo.com` members.

The virtual server also has a default pool associated with it. When the client sends a request for `http://www.foo.com`, this traffic will be forwarded to which of the following?

- A. The HTTP class profile pool
- B. The default pool
- C. The request will be dropped
- D. The fallback host

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

NEW QUESTION: 208

When an administrator creates a new access policy in the Visual Policy Editor, which three options are included by default? (Choose three.)

- A. A fallback option
- B. An Allow Ad box
- C. A Deny End box
- D. An empty Resource Assign item
- E. A Start box
- F. A Block All option

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

Explanation/Reference:

NEW QUESTION: 209

If the BIG-IP device is NOT always located between the client and the server, it will NOT provide full optimization and security.

- A. True
- B. False

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

Explanation/Reference:

NEW QUESTION: 210

A user is building a security policy using the Deployment Wizard and the Rapid Deployment application template. By default, which settings will be applied to the security policy? (Choose 3)

- A. Wildcard tightening will be enabled on file types and parameters.
- B. The Attack signature set applied will be Generic Detection Signatures.
- C. The encoding language will be set to auto detect.
- D. Data Guard will be enabled.
- E. The enforcement mode will be set to transparent.

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

NEW QUESTION: 211

Which security model provides protection from unknown attacks?

- A. ACL Security model
- B. closed security model
- C. Negative security model
- D. Positive security model

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

https://www.owasp.org/index.php/Positive_security_model

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NEW QUESTION: 212

Select F5 platforms have which three certifications? (Choose three.)

- A. FIPS
- B. SECG
- C. NEBS
- D. IEEE
- E. Common Criteria
- F. AFSSI

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

Explanation/Reference:

NEW QUESTION: 213

Why does the F5 Application Delivery Firewall solution mitigate SSL attacks more effectively than any other firewalls?

- A. Because F5 has unlimited capacity to handle SSL traffic.
- B. Because F5 has full visibility and control of SSL traffic.
- C. Because F5 has a separate iApp to handle SSL traffic.
- D. Because F5 supports large SSL key sizes.

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

Explanation

NEW QUESTIONS

NEW QUESTION: 214

DNSSEC is a GTM add-on licensing feature.

- A. True
- B. False

Answer: (SHOW ANSWER)

Explanation/Reference:

Explanation:

NEW QUESTION: 215

Which of these statements about a stream profile is false?

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

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

Explanation/Reference:

Explanation:

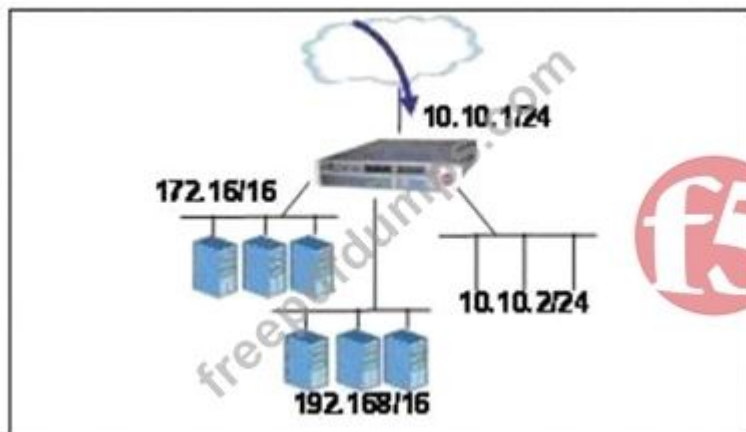
NEW QUESTION: 216

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: 10.10.2.102:80 netmask 255.255.255.255
Pool: Pool with 3 members in the 172.16.16 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: 10.10.2.103; Destination IP: 10.10.2.102
- B. Source IP: 10.10.201; Destination IP: 10.102.102
- C. The request will be dropped.
- D. Source IP: 10.10.2.103; Destination IP: pool member in the 192.168/16 network
- E. Source IP: 10.10.201; Destination IP: pool member in the 192.168/16 network
- F. Source IP: 10.20.10.50; Destination IP: pool member in the 192.168/16 network

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

NEW QUESTION: 217

What is the advantage of specifying three load balancing methods when load balancing within pools?

- A.** Specifying three methods allows the GTM System alternate methods if insufficient data is available for other methods.
- B.** Specifying three methods allows the GTM System to use all three methods simultaneously.
- C.** Specifying three methods allows the GTM System to choose the optimal method for each name resolution.
- D.** Specifying three methods allows the GTM System to rotate between the three methods so that no one method is used too often.

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

NEW QUESTION: 218

The VIPRION provides hot-pluggable capabilities for which four of these types of hardware? (Choose four.)

- A.** LCD displays
- B.** Fan trays
- C.** Memory
- D.** Power supplies
- E.** Performance blades
- F.** CompactFlash

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

Explanation

The VIPRION provides hot-pluggable capabilities for Fan trays, Memory, Power supplies, and Performance blades

NEW QUESTION: 219

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

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

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

NEW QUESTION: 220

The BIG-IP determines the lowest connection speed between the client and the server and

then uses that for both connections.

- A. True
- B. False

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

NEW QUESTION: 221

Which four of the following items are physical objects used by GTM?

- A. Virtual servers
- B. Links
- C. Servers
- D. Wide IPs
- E. Data centers
- F. Pools

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

Explanation/Reference: These components include: Data centers, Servers, Links, Virtual servers

[http://support.f5.com/kb/en-](http://support.f5.com/kb/en-us/products/bigip_gtm/manuals/product/gtm_config_10_2/gtm_components_overview.html)

[us/products/bigip_gtm/manuals/product/gtm_config_10_2/gtm_components_overview.html](http://support.f5.com/kb/en-us/products/bigip_gtm/manuals/product/gtm_config_10_2/gtm_components_overview.html) Links

+ Wide IPs + Data centers + Pools Links + Wide IPs + Data centers + Virtual servers Links +

Servers + Virtual servers + Pools the physical network, such as data centers, servers, and links,

and the components that comprise the logical network, such as wide IPs, pools, and global

settings. Most of the configuration components you build using the Configuration utility are saved

to the wideip.conf file. Logical objects/components include: Listeners - Pools - Wide IPs -

Distributed applications

NEW QUESTION: 222

Select the question you would ask your customer related to DNS attacks. Based on the material, choose the most appropriate question.

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

Answer: ([SHOW ANSWER](#))

Explanation:

NEW QUESTION: 223

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 Activation:	Less Than 2
iRules:	None	Monitor:	Custom_HTTP
Default Pool:	Web_Pool		
Persistence:	None		

Web_Pool Member Statistic 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. 172.16.20.4:80
- C. 172.16.20.2:80
- D. 172.16.20.5:80
- E. 172.16.20.3:80

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

NEW QUESTION: 224

Client traffic for a web application is managed by load balancers in a high availability configuration. After a failover event all clients are forced to login again to the application. What is the most likely reason this occurred?

- A. SSL offloading was NOT configured on the load balancer
- B. The server was responding to the failed load balancer
- C. connection mirroring configuration was NOT configured on the load balancer
- D. Clients were sending request to failed load balancer

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

NEW QUESTION: 225

Which of the following statements about Web server offload is NOT true?

- A. It performs rate shaping to reduce overflow.
- B. It forces the client browser to use multiple connections streams.
- C. It uses OneConnect to reduce multiple TCP connections.
- D. It utilizes cached content to prevent unnecessary trips for the same content.
- E. It uses specialized hardware for SSL offload.

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

Explanation/Reference:

NEW QUESTION: 226

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 192.168/16 network
- B. The request will be dropped.
- C. Destination IP: pool member in the 172.16/16 network
- D. Destination IP: 10.10.2.102

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

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NEW QUESTION: 227

Drag and Drop Question

Match these terms with their description.

Disaster recovery SLA	How fast operations need to return to normal
Recovery point objective	Measured by RPOs and RTOs
Recovery time objective	The amount of data that can be lost

Answer:

	Recovery time objective
	Disaster recovery SLA
	Recovery point objective

NEW QUESTION: 228

Which level of parameter assumes the highest precedence in BIG-IP ASM System processing logic?

- A. URL
- B. Object
- C. Flow
- D. Global

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 229

What are three functions commonly performed by HTTP cookies? (Choose three)

- A. Track users' browsing activities
- B. hold User preferences
- C. maintain session state
- D. execute server side scripts

E. execute client side scripts

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

NEW QUESTION: 230

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: ([SHOW ANSWER](#))

Explanation/Reference:

Explanation:

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