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QUESTION 1

To make complex access policies easier to manage, an administrator can create a _____ containing several policy actions, and then add instances of it within the policy? (Fill in)

- A. Visual Policy Editor
- B. Policy Editor
- C. Visual Editor
- D. Policy creator

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

To make complex access policies easier to manage, an administrator can create a policy containing several policy actions, and then add instances of it within the policy using the _____. (Fill in)

- A. Deployment Wizard
- B. Setup Wizard
- C. Policy Wizard
- D. Visual Wizard

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

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

- A. CIFS access
- B. Client/server access
- C. Web application access
- D. Proxy access
- E. RDC access

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

Which of the following is a benefit of using iRules?

- A. They provide a secure connection between a client and LTM
- B. They enable granular control of traffic
- C. They can be used as templates for creating new applications
- D. They can use Active Directory to authenticate and authorize users
- E. They provide an automated way to create LTM objects

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

APM provides access control lists at which two OSI layers?

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

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

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

- A. True
- B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

TMOS is multi-module OS on Big-IP platform

QUESTION 8

Which four F5 products are on the TMOS platform?

- A. ARX
- B. GTM
- C. WOM

- D. APM
- E. ASM
- F. Firepass

Correct Answer: BCDE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Which of the following is NOT a profile type on the BIG-IP?

- A. Protocol
- B. Application
- C. Persistence
- D. Authentication
- E. SSL

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

Another name for the F5 OneConnect feature is TCP multiplexing,

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

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

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



Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

Which programming language is the basis for F5 iRules?

- A. Lisp
- B. C++
- C. Java
- D. TCL
- E. AWK

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

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

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

Correct Answer: DF

Section: (none)

Explanation

Explanation/Reference:



QUESTION 15

Which of the following is NOT a benefit of using SSL offload?

- A. it increases the bandwidth between the client and LTM
- B. It enables LTM to decrypt traffic, examine the payload, and then re-encrypt before sending it to a pool member
- C. The organization requires far less SSL certificates
- D. The CPU processing load on backend servers is reduced
- E. It enables iRules to be used on traffic arriving to LTM that is encrypted

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

SSL offload;

It enables LTM to decrypt traffic, examine the payload, and then re-encrypt before sending it to a pool member

The organization requires far less SSL certificates
The CPU processing load on backend servers is reduced
It enables iRules to be used on traffic arriving to LTM that is encrypted

QUESTION 16

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

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

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

TCP Express is licensed separately from LTM

- A. True
- B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

TCP Express is licensed including in LTM

QUESTION 18

LTM can only load balance outbound traffic by using iRules

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

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

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:



QUESTION 20

GTM solves which three of these standard DNS limitations?

- A. It can verify that a host is available before resolving a host name for a client
- B. It can use HTTPS for the connection between itself and the client
- C. It can ensure that clients remain at the same data center for stateful applications
- D. It can verify that a client does not have any viruses before sending the IP address
- E. It has more complex load balancing methods

Correct Answer: ACE

Section: (none)

Explanation

Explanation/Reference:

GTM solves three of these standard DNS limitations

It can verify that a host is available before resolving a host name for a client

It can ensure that clients remain at the same data center for stateful applications
It has more complex load balancing methods

QUESTION 21

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

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

Which of the following is a benefit of using iRules?

- A. They can be used as templates for creating new applications
- B. They provide an automated way to create LTM objects
- C. They can use Active Directory to authenticate and authorize users
- D. They provide a secure connection between a client and LTM
- E. They enable granular control of traffic

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

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

- A. Web Accelerator
- B. APM
- C. ARX
- D. GTM

- E. Firepass
- F. Enterprise Manager

Correct Answer: ABD

Section: (none)

Explanation

Explanation/Reference:

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

QUESTION 24

Customers can purchase LTM as a stand-alone product, or layer it with additional software modules to increase the functionality of the BIG-IP device.

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 25

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

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

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

http://support.f5.com/kb/en-us/products/bigip_tm/manuals/product/ltn_configuration_guide_10_0_0/ltn_pools.html

QUESTION 26

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

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

SIMULATION

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

Your Response:
type here

- A. "contain / include"



Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

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. www.F5.com/sub
- B. www.F5.com
- C. www.gslb.F5.com
- D. .com
- E. f5.com

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

SIMULATION

A _____ object maps a FQDN to virtual servers. (Fill in)

Your Response:

type here

A. "Wide IP"

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

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

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

Correct Answer: BCF

Section: (none)

Explanation

Explanation/Reference:

Integrating LTM systems with GTM systems on a network Running the bigip_add utility

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

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

When the LTM and GTM systems use the same version of the big3d agent, you run the bigip_add utility to authorize communications between the systems.
http://support.f5.com/kb/en-us/products/big-ip_gtm/manuals/product/gtm-implementations11-3-0/7.html

Note:

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

QUESTION 31

DNSSEC is a GTM add-on licensing feature.

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

SIMULATION

GTM uses the F5_____protocol to synchronize performance metrics between GTM devices. (Fill in)

Your Response:
type here

- A. iQuery

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

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

- A. ping
- B. Application monitors
- C. Inband monitors

- D. SSH
- E. iQuery
- F. SNMP

Correct Answer: ABEF

Section: (none)

Explanation

Explanation/Reference:

http://support.f5.com/kb/en-us/products/big-ip_gtm/manuals/product/gtm-concepts-11-30/l.html Configuring GTM to determine packet gateway health and availability

http://support.f5.com/kb/en-us/products/big-ip_gtm/manuals/product/gtm-implementations11-5-0/9.html sol13690: Troubleshooting BIG-IP GTM synchronization and iQuery connections (11 .x)

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

QUESTION 34

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

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

GTM can load balance to LTM in addition to non-BIG-IP hosts

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation**Explanation/Reference:****QUESTION 36**

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

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

Correct Answer: A

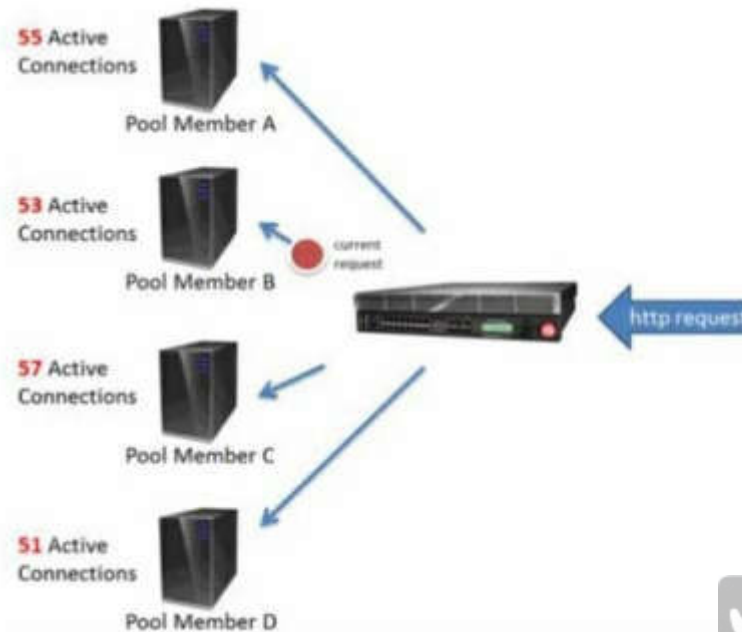
Section: (none)

Explanation**Explanation/Reference:**

Subscription purchasing options is in Partner Resource Center

QUESTION 37

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



Pool Member D

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

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

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

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

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



Correct Answer: BCF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40

When an optimized TCP connection exists between LTM and the pool member, LTM can accept server responses faster than the client. What is the name of this feature?

- A. HTTP caching
- B. OneConnect
- C. TCP connection queuing
- D. Content spooling

E. Priority activation

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

As a full TCP proxy, LTM acts as the termination point for both requests from the client and responses from the server.

A. True

B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 42

FastCache will NOT work with compressed objects.

A. True

B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43

Which of the following can be accomplished using iRules?

A. Track inbound and outbound traffic

B. Perform deep packet inspection

- C. Inspect traffic and drop it
- D. All of the above
- E. Intercept traffic and redirect it

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 44

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

- A. True
- B. False

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45

Which four of the following statements about LDNS probes are true?

- A. Only GTM devices can act as a prober
- B. They check each requesting LDNS that has made a request of the GTM
- C. They can determine available cache size on the client
- D. They are used to develop path metrics
- E. They verify the link between a data center and an LDNS
- F. Probing only takes place if GTM is configured to use dynamic load balancing

Correct Answer: BDEF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 46

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

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

Since F5 built GTM on the TMOS platform it can exist on the same BIGIP device as LTM

- A. True
- B. False

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 48

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

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

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:****QUESTION 49**

The BIG-IP full proxy architecture has full visibility from the client to the server and from the server to the client. What security benefit does this provide to customers?

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

Correct Answer: D

Section: (none)

Explanation**Explanation/Reference:****QUESTION 50**

Select the key reasons F5 is able to handle DNS DDoS attacks so effectively? Select two.

- A. F5 can ensure a DNS DDoS attack is not successful.
- B. F5 has high performance DNS services.
- C. F5 can answer the DNS queries directly.
- D. With Global Traffic Manager (GTM), F5 completely stops all DNS DDoS attacks.
- E. F5 can ensure a customer never faces a DNS DDoS attack.

Correct Answer: CE

Section: (none)

Explanation**Explanation/Reference:**