DUMPSQUEEN

Application Delivery Fundamentals

F5 101

Version Demo

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QUESTION NO: 1

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

A. True

B. False

ANSWER: A

QUESTION NO: 2

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

A. True

B. False

ANSWER: A

QUESTION NO: 3

Select the two best questions you would use to ask your customer about their current web access management solution. Select two.

A. What impact are slow remote access connections having on productivity?

B. Are you using Google multi-factor authentication?

C. Is user authentication data sitting on partner systems outside your control?

D. Have you standardized on Androids or iPhones?

E. How are you planning to extend Exchange to your mobile users?

F. How do you think a global remote access deployment with integrated acceleration and availability services might benefit your business?

ANSWER: A F

QUESTION NO: 4

What does the insert X-Forwarded option in an HTTP profile do?

A. A BIG-IP self-IP is inserted in the source address field on the server-side connection.

B. A BIG-IP self-IP is inserted in the source address field on the client-side connection.

C. The client IP addresses are inserted into messages sent to remote syslog servers.

D. The client IP addresses are inserted into HTTP header.

ANSWER: D

QUESTION NO: 5

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

QUESTION NO: 6

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

QUESTION NO: 7

Which of the following user roles have access to make changes to security policies? (Choose two.)

A. Guest

B. Operator

C. Administrator

D. Web Application Security Editor

ANSWER: C D

QUESTION NO: 8

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

A. CLI access to the serial console port

B. SSH access to the management port

C. SSH access to any of the switch ports

D. HTTP access to the management port

E. HTTP access to any of the switch ports

F. HTTPS access to the management port

G. HTTPS access to any of the switch ports

ANSWER: A B F

QUESTION NO: 9 - (DRAG DROP)

DRAG DROP
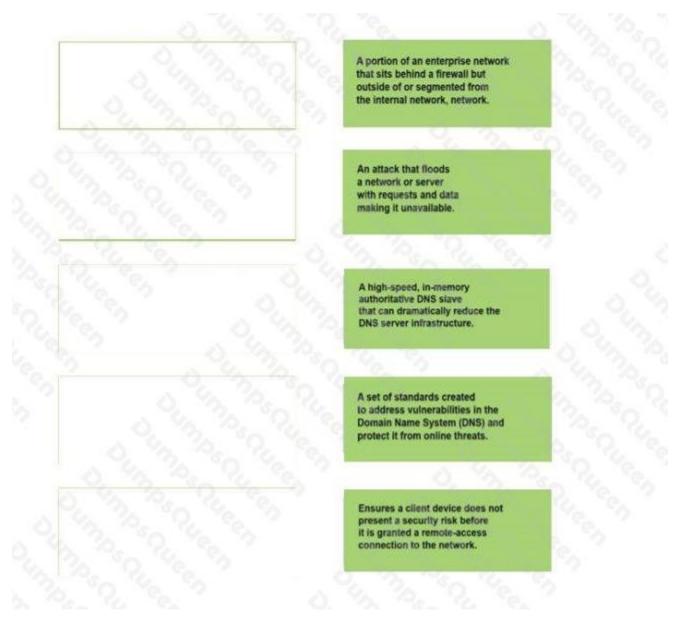
Match the security-related term with the correct definition.

1. Demilitarized zone (DMZ)

2. Denial of service (DoS)

3. DNS Express

4. DNS Security Extensions (DNSSEC)

5. Endpoint inspection
Select and Place:

A set of standards created to address vulnerabilities in the Domain Name System (DNS) and protect it from online threats.

Demilitarized zone (DMZ)

An attack that floods a network or server with requests and data making it unavailable.

Denial of Service (DoS)

Ensures a client device does not present a security risk before it is granted a remote-access connection to the network.

DNS Express

A portion of an enterprise network that sits behind a firewall but outside of or segmented from the internal network, network.

DNS Security Extensions (DNSSEC)

A high-speed, in-memory authoritative DNS slave that can dramatically reduce the DNS server infrastructure.

Endpoint inspection

ANSWER:

	A portion of an enterprise network that sits behind a firewall but outside of or segmented from the internal network, network.
	An attack that floods a network or server with requests and data making it unavailable.
	A high-speed, in-memory authoritative DNS slave that can dramatically reduce the DNS server infrastructure.
	A set of standards created to address vulnerabilities in the Domain Name System (DNS) and protect it from online threats.
	Ensures a client device does not present a security risk before it is granted a remote-access connection to the network.

Explanation:

QUESTION NO: 10

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

A. As long as network communication is not lost, no change will occur.

B. Nothing. Failover due to loss of voltage will not occur if the voltage is lost for less than ten seconds.

C. When the cable is disconnected, both systems will become active. When the voltage is restored, unit two will revert to standby mode.

D. When the cable is disconnected, both systems will become active. When the voltage is restored, both systems will maintain active mode.

> **ANSWER: C**

QUESTION NO: 11

Without creating a user defined region, what is the most specific group a topology record can identify?

A. city

B. country

C. continent

D. state/province

E. region of country

> **ANSWER: D**

QUESTION NO: 12

Which statement describes a typical purpose of iRules?

A. iRules can be used to add individual control characters to an HTTP data stream.

B. iRules can be used to update the timers on monitors as a server load changes.

C. iRules can examine a server response and remove it from a pool if the response is unexpected

D. iRules can be used to look at client requests and server responses to choose a pool member to select for load balancing.

> **ANSWER: A**

QUESTION NO: 13

Why would an administrator capture monitor traffic between a BIG-IP and servers?

A. Viewing monitor traffic could help the administrator to define a more robust monitor.

B. If a client were having difficulty logging into a load balanced SSH server, viewing and analyzing the connection process would determine the reason.

C. Only client traffic may be captured; monitor traffic may not be captured.

D. If client traffic to servers was failing, viewing and analyzing monitor traffic would determine the reason.

ANSWER: A

QUESTION NO: 14

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

A. Connect the GTM and LTM with a network crossover cable.

B. Synchronize the big3d versions between GTM and LTM.

C. Add the LTM object to the GTM configuration.

D. Configure the GTM and LTM to we MAC masquerading.

E. Ensure that GTM and LTM use the same floating IP address.

F. Exchange SSL certificates between the two devices.

ANSWER: B C F

Explanation:

Integrating LTM systems with GTM systems on a network

Running the bigip_add utility

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

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

When the LTM and GTM systems use the same version of the big3d agent, you run the bigip_add utility to authorize communications between the systems. http://support.f5.com/kb/en-us/products/big-ip_gtm/manuals/product/gtm-implementations11-3-0/7.html 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 NO: 15

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

ANSWER: B

QUESTION NO: 16

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

A. TCP

B. HTTP

C. HTTPS

D. ClientSSL

E. ServerSSL

F. CookieBased Persistence

ANSWER: A B D F

QUESTION NO: 17

Which of the following are default settings when using the Policy Builder to build a security policy based on the QA lab deployment scenario? (Choose two.)

A. All learned entities are placed in staging.

B. Attack signatures are not placed in staging

C. The security policy is placed in blocking mode

D. Tightening is enabled only on file types and parameters.

ANSWER: B C

QUESTION NO: 18

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

A. 1xx

B. 2xx

C. 3xx

D. 4xx

E. 5xx

ANSWER: D E

QUESTION NO: 19

Assume a BIG-IP has no NATs or SNATs configured. Which two scenarios are possible when client traffic arrives on a BIG-IP that is NOT destined to a self-IP? (Choose two.)

A. If the destination of the traffic does not match a virtual server, the traffic will be discarded.

B. If the destination of the traffic does not match a virtual server, the traffic will be forwarded based on routing tables.

C. If the destination of the traffic matches a virtual server, the traffic will be processed per the virtual server definition. If the destination of the traffic matches a virtual server, the traffic will be processed per the virtual server. definition.

D. If the destination of the traffic matches a virtual server, the traffic will be forwarded, but it cannot be load balanced since no SNAT has been configured.

ANSWER: A C

QUESTION NO: 20

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

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