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Question #435

What occurs when a load command is issued?

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

Correct Answer: A

Question #436

Which three files/data items are included in a BIG-IP UCS backup file? (Choose three.)
A. the BIG-IP administrative addresses
B. the BIG-IP license
C. the BIG-IP log files
D. the BIG-IP default traps
E. the BIG-IP host name Correct Answer: ABE

Question #437

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. No. iRules cannot affect persistence.
C. Yes. An iRule could be designed to persist based on the contents of a cookie.
D. No. Cookie persistence is only is based on a cookie persistence profile.

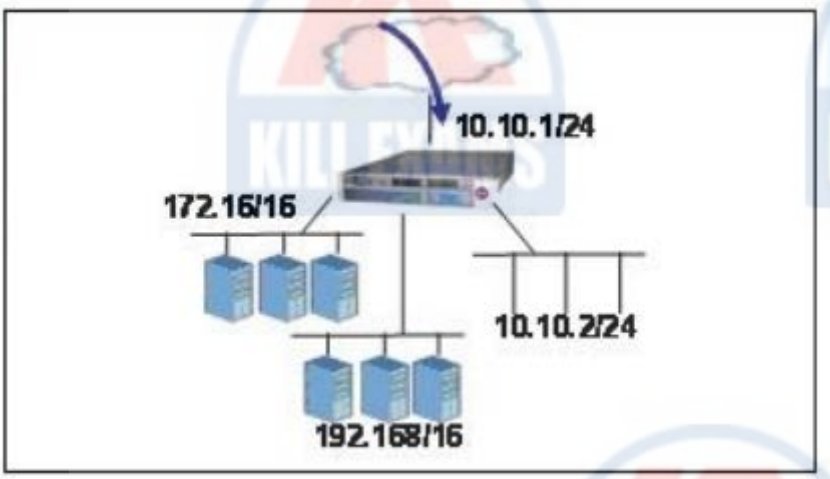
Correct Answer: C

Question #438

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 172.1 61.16 network
SNAT Automap configured V
VirtualServer2
Destination: 10.10.2.102:* netmask 255.255.255.255
Transparent with 3 pool members in the 192.168/16 network
VirtualServer3
Destination: 10.10.2.0:80 netmask 255.255.255.0
Type: IP Forwarding
SNATI 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: pool member in the 192.168/16 network
B. Source IP: 10.10.201; Destination IP: pool member in the 192.168/16 network G
C. Source IP: 10.10.2.103; Destination IP: 10.10.2.102
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: 10.10.201; Destination IP: 10.102.102

Correct Answer: C

Question #439

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

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

Correct Answer: B

Question #440

How is traffic flow through transparent virtual servers different from typical virtual servers? (Choose two.)

A. any text string within a cookie
B. any bytes within the initial client request packet
C. an IP address
D. the value in the tcp acknowledgement field

Correct Answer: AC

Question #441

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, 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.
- B. 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.
- 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: B

Question #442

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

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

Answer: BD

Question #443

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

- A. The new configuration is verified and loaded.
- B. The new configuration is verified not loaded.
- C. The new configuration is verified.
- D. The new configuration is loaded but not verified.
- E. The new configuration is neither verified not loaded.
- F. The new configuration is verified and loaded if is it syntactically correct.

Answer: E

Question #444

In the following configuration, a virtual server has the following HTTP class configuration:

```
HTTP Class 1 = Host pattern www.f5.com
HTTP Class 2 = No filters
```

A request arriving for WWW.F5.COM will be matched by which class(es)?

- A. Class 1
- B. Class 2
- C. Both Class 1 and Class 2
- D. The request will be dropped

Answer: B

Question #445

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

- A. XML-based parameters and associated schema are automatically learned.
- B. Blocking response pages can be automatically generated from web site content.
- C. Flow level parameters are displayed when found and can be accepted into the current policy.
- D. The administrator may modify whether the BIG-IP ASM System will learn, alarm, or block detected violations.
- E. Maximum acceptable values for length violations are calculated and can be accepted into the security policy by the administrator.

Answer: CE

Question #446

Under what condition must an appliance license be reactivated?

- A. Licenses only have to be reactivated for RMAs no other situations.
- B. Licenses generally have to be reactivated during system software upgrades.
- C. Licenses only have to be reactivated when new features are added (IPv6, Routing Modules, etc.) no other situations.
- D. Never. Licenses are permanent for the platform regardless the version of software installed.

Answer: B

Question #447

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

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

Answer: ABF

Question #448

When implementing Data Guard, BIG-IP ASM scans for suspicious patterns in? (Choose two.)

- A. All client requests
- B. All server responses
- C. Specific client requests

- D. Specific server responses

Answer: BD

Question #449

A web client accesses a web application using what protocol?

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

Answer: D

Question #450

In the following request, which portion represents a parameter name?

- A. Yes
- B. User
- C. Week1
- D. Financials

Answer: B

Question #451

Which of the following is not a method of protection for user-input parameters?

- A. Value extraction
- B. Attack signatures
- C. Length restriction
- D. Meta character enforcement

Answer: A

Question #452

By default, BIG-IP ASM allows which of the following HTTP methods in a client request? (Choose three.)

- A. PUT
- B. GET
- C. POST
- D. HEAD
- E. TRACE

Answer: BCD

Question #453

The Flow Login feature prevents which web vulnerability from occurring?

- A. Buffer overflow
- B. Cookie poisoning
- C. Forceful browsing
- D. Cross site scripting

Answer: C

Question #454

On a standalone BIG-IP ASM system, which of the following configuration is valid?

- A. Pool named http_pool with 1 pool member, no persistence, and no load balancing method
- B. Pool named http_pool with 3 pool members, cookie persistence, and ratio load balancing method
- C. Pool named http_pool with 2 pool members, source IP persistence, and least connections load balancing method
- D. Pool named http_pool with 3 pool members, cookie persistence, and least connections load balancing method

Answer: A

Question #455

Which of the following violations cannot be learned by Traffic Learning?

- A. RFC violations
- B. File type length violations
- C. Attack signature violations
- D. Meta character violations on a specific parameter.

Answer: A

Question #456

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 never get blocked by BIG-IP ASM.
- B. 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.
- C. Incoming requests with these IP addresses will automatically be accepted into the security www.TestPrep.com 87 F5 101 Exam policy, Policy Builder will validate that future requests with this traffic will not create a violation.
- D. 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.

Answer: C

Question #457

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

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

Answer: D

Question #458

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: CD

Question #459

Which of the following are methods BIG-IP ASM utilizes to mitigate web scraping vulnerabilities? (Choose two.)

- A. Monitors mouse and keyboard events
- B. Detects excessive failures to authenticate
- C. Injects JavaScript code on the server side
- D. Verifies the client supports JavaScript and cookies

Answer: AD

Question #460

When choosing Fundamental as the Policy Builder security policy type, BIG-IP ASM will learn and enforce the following components? (Choose two.)

- A. Attack signatures
- B. Global parameters
- C. HTTP protocol compliance
- D. URLs and meta characters

Answer: AC

Question #461

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

Answer: E

Question #462

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

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

Answer: E

Question #463

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

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

Answer: A

Question #464

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

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

Answer: CEF

Question #465

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: ABE

Question #466

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

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

Answer: BEF
Integrating LTMsystems 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 sothat each system isauthorized 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 toauthorize 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.

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