



# **F5-Networks**

## **Exam Questions 101**

Application Delivery Fundamentals

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#### NEW QUESTION 1

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

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

**Answer:** A

#### NEW QUESTION 2

Where is the MAC masquerade address configured?

- A. Virtual Server
- B. Virtual Address
- C. Device Groups
- D. Traffic Groups

**Answer:** D

#### NEW QUESTION 3

An administrator needs to allow secure access to application within the corporate data center for remote office, branch office and mobile employees. Which F5 product provides this functionally?

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

**Answer:** A

#### NEW QUESTION 4

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. imsh generate snapshot
- B. tmsh tcpdump
- C. tmsh save sys ucs support
- D. tmsh qkview

**Answer:** D

#### NEW QUESTION 5

The administrator wants client request to be directed to the same pool member through the session based on the client IP address. Which persistence method should the administrator choose?

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

**Answer:** D

#### NEW QUESTION 6

Which high availability feature allows two different BIG-IP devices to use the MAC address for the same server IP?

- A. HSRP virtual MAC address
- B. Device group
- C. Sync- failover
- D. MAC masquerade

**Answer:** D

#### NEW QUESTION 7

A BIG-IP Administrator is trying to send traffic to a server on the same subnet and sees an incomplete in the BIG-IP devices ARP table. What could cause the incomplete status?

- A. BIG-IP device connection is half-duplex
- B. Router does not have a default gateway
- C. Firewall is blocking ICMP
- D. Server's switch connection is in the wrong VLAN

**Answer:** D

#### NEW QUESTION 8

End users report widespread issues accessing multiple network resources

What tool should the BIG IP Administrator use to view the status of all virtual servers and associated resources in one place?

- A. Pool statistics
- B. Network Map
- C. System performance
- D. Virtual server statistics

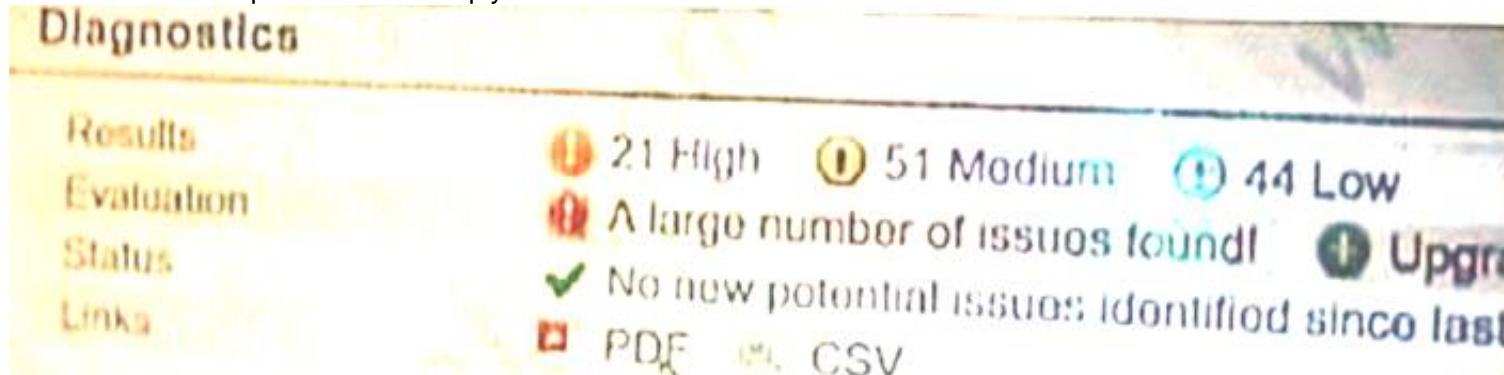
**Answer:** B

#### Explanation:

The network map shows a list Virtual, Pools and iRules with the status of each.

#### NEW QUESTION 9

What is the correct procedure to comply with the recommendation?



- A. Download the product version image from ihealth f5 com
- B. Download the product version image from support 6 com
- C. Download the product version image from devcentral f5.com
- D. Download the product version image from downloads f5.com

**Answer:** D

#### NEW QUESTION 10

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

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

**Answer:** A

#### Explanation:

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

#### NEW QUESTION 10

The users in a company are unable to send and receive SMTP e-mails using the BIG-IP Virtual Server. The administrator logs into the BIG IP device to verify if the mail pool member with an IP address of 192. 168. 10. 100. 18 is serving SMTP traffic.

Which command on the BIG-IP device should the administrator use to verify the traffic?

- A. tcpdump - 0 0 host 192 168 10 100 and port 143
- B. curl - 1 smtp1/192 168 10 100
- C. lcpdurnp - 0:0 host 192. 168. 10. 100 and port 25
- D. telnet 192. 168. 10. 100. 143

**Answer:** C

#### NEW QUESTION 11

Which type of certificate is pre-installed in a web browser's trusted store?

- A. Root Certificate
- B. Server Certificate
- C. Client Certificate
- D. intermediate Certificate

**Answer:** A

#### NEW QUESTION 15

An administrator finds a new vulnerability in a web application and needs to rapidly mitigate the threat. Which F5 feature provides this functionality?

- A. iCall
- B. iRules
- C. iSession
- D. iControl

**Answer:** B

#### NEW QUESTION 19

What is an advantage of a packet forwarding architecture?

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

**Answer:** C

#### NEW QUESTION 24

VLAN test-vlan" is configured on interface 1 1 instead of interface 1.2. Which TMSH command should be used to correct this issue?

- A. modify /net test vlan interfaces {1.2}
- B. modify /net test-vlan interfaces replace all with {1 2}
- C. modify /net vlan test-vlan interfaces replace all with {12}
- D. modify /net sian test-vlan interfaces {1 2}

**Answer:** C

#### NEW QUESTION 29

A BIG-IP Administrator needs to upgrade an HA pair to a more recent TMOS version. The administrator is unsure if the BIG-IP is currently supported How should the administrator verify that the HA pair is under a valid support contract?

- A. confirm that License OK" is set to yes in the applied license
- B. confirm that the "Service Check Date" specified in the applied license has not passed
- C. Check the status of the license under the Platform menu of the F5 Configuration Unity
- D. review /var/log/license for messages that indicate an expired license

**Answer:** C

#### NEW QUESTION 30

What is a primary reason to choose hardware over virtual devices?

- A. failure isolation
- B. HA capabilities
- C. management capabilities
- D. SSL performance

**Answer:** D

#### NEW QUESTION 35

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

**Answer:** D

#### NEW QUESTION 39

Ethernet frame FCS errors occur when which calculation fails?

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

**Answer:** B

#### NEW QUESTION 41

What are two advantages of using SSL offloading? (Choose two)

- A. Offloads the client to SSL processing
- B. provides single point of management for private keys
- C. reduces server load significantly
- D. encrypts all communications and to end
- E. allows secure remote access to internal server resources

**Answer:** BC

#### NEW QUESTION 43

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. NDP
- B. DNS
- C. NAT
- D. ARP

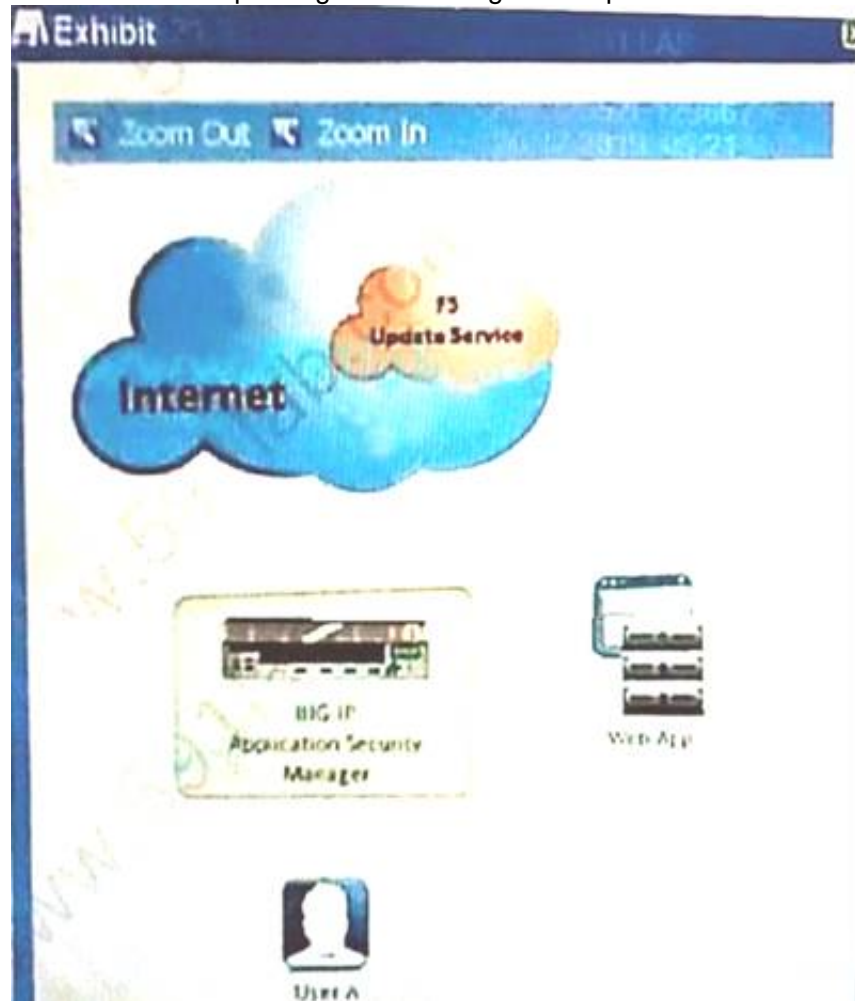
**Answer: C**

#### Explanation:

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

#### NEW QUESTION 48

BIG-IP ASM is requesting automatic signature updates from the F5 update service



Who is considered the server in this communication?

- A. BIG-IP
- B. User A
- C. F5 update Service
- D. web application

**Answer: C**

#### NEW QUESTION 49

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 icpdump and records the above output about a received packet. What device does the IP address 192.168.255.254 belong to?

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

**Answer: C**

#### NEW QUESTION 52

When using LDAP for authentication, what is the purpose of the base DN?

- A. the search context starting point
- B. the directory's simple name
- C. the base attribute in an LDAP directory
- D. the fundamental naming convention

**Answer: A**

#### NEW QUESTION 53

In which layer of the OSI model is the data transported in the form of a packet?

- A. Transport
- B. Session
- C. Network
- D. Presentation

**Answer:** C

#### NEW QUESTION 58

A BIG IP Administrator is trying to reach the internal web server from a workstation

\* The workstation has a MAC address of 00:00 00 00 00 01 and an IP address of 192. 168. 0. 1

\* An internal web server has a MAC address of 00 00 00 00 00 02 and an IP address of 10. 10. 1. 1

\* The workstation's default gateway has a MAC address of 00 00 00 00 00 03 and IP address of 192 168 0 254

What is the destination hardware address of the outbound packet when it leaves the workstation?

- A. 00:00:00:00:00:01
- B. 00:00:00 :00:00:00
- C. 00:00:00:00:00:03
- D. 00:00:00:00:00 02

**Answer:** C

#### NEW QUESTION 59

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

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

**Answer:** D

#### NEW QUESTION 63

Which technology can be used on a BIG-IP device to accelerate the delivery of the same content to multiple users?

- A. persistence
- B. SSL offloading
- C. Compression
- D. caching

**Answer:** D

#### NEW QUESTION 64

An administrator configures a default gateway for the host. What is the purpose of a default gateway?

- A. to replace the destination IP address with the default gateway
- B. to pass all traffic to the default gateway
- C. to forward packets to remote networks
- D. to populate the ARP table

**Answer:** C

#### NEW QUESTION 65

A messaging system digitally signs messages to ensure non-repudiation of the sender. Which component should the receiver use to validate the message?

- A. Public Key
- B. SSL extension
- C. A negotiated security algorithm
- D. private Key

**Answer:** A

#### NEW QUESTION 70

A BIG-IP Administrator is cleaning up unused Virtual Servers and pools via the Configuration Utility while trying to delete a certain administrator receives an error message that indicates that the pool is in use.

What is the likely cause of this error?

- A. The pool members are all disabled
- B. The pool is in use by a Virtual Server
- C. The pool members are marked up with a green circle
- D. The pool is in use by a monitor

**Answer:** B

#### NEW QUESTION 75

A new web server VLAN has been created and the IP address 10.1.1.1/24 has been assigned to the BIG IP device. The BIG IP Administrator needs to create the



new Self IP and prevent administrator access to the BIG-IP device from the newly created network.  
Which TMSH command should be used?

- A. create /net self internal address 10 1.1. 1/24 vlan VLAN 10 allow service none.
- B. add 'net self internal address 10.1.1. 1/24 vlan VLAN 10 allow-service none
- C. create /net self internal address 10. 1. 1. 1/24 vlan VLAN 10 allow service default
- D. add /net self internal address 10 111 mask 265. 255. 2550 vlan VLAN 10 allow

**Answer:** A

**Explanation:**

White the default differs from version to version, H typically allows HTTP SSH and iQuety for BIG-IP to BIG-IP communication

**NEW QUESTION 80**

An administrator needs to selectively compress HTTP traffic based on geographical location Which FS Feature should the administrator use?

- A. One Connect
- B. iRules
- C. SPDY profile
- D. iSessions

**Answer:** B

**NEW QUESTION 83**

An IPv4 client tries to access to [http://www myserver com](http://www.myserver.com)

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

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

**Answer:** B

**NEW QUESTION 85**

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

- A. Segment
- B. Datagram
- C. Packet
- D. Bit

**Answer:** A

**Explanation:**

[https://en.wikipedia.org/wiki/Protocol\\_data\\_unit](https://en.wikipedia.org/wiki/Protocol_data_unit)

**NEW QUESTION 88**

A company recently opened a new branch site. The site needs to access the internet through a link to HQ. The router at the branch Branch1 the router at HQ is Called core1. The computers at the branch site reside on the network 192 168 1 0/24 directly connected to Branch1 Users at HQ can already access the Internet. What routing must be configured to achieve the required internet connectivity for the branch site?

- A. a route for 0. 0. 0.0/0 on Branch1 to Core1, and a route for 192 168 1 0/24 from Core 1 to Branch1
- B. a route for 0. 0. 0.0/0 on Core 1 to Branch1. and a route (or 192 168 1.0/24 from Branch 1 to Core.
- C. only a route for 192 168 0 0724 from Core1 to Branch1
- D. only a route for 0. 0.0.0/0 on Branch1 to Core1

**Answer:** A

**NEW QUESTION 93**

A BIG-IP Administrator needs to make sure that requests from a single user are directed to the server that was initially selected (unless that server is marked down). What should the administrator configure?

- A. caching profile
- B. TCP profile
- C. persistence profile
- D. security policy

**Answer:** C

**NEW QUESTION 95**

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

**Explanation:**

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

**NEW QUESTION 97**

A BIO IP Administrator is troubleshooting a slow web application. A packet capture shows that some of the packets coming from a window size of zero A packet capture shows that som a window size of zero  
What does this mean?

- A. The client is trying to close the TCP connection
- B. The server is trying to close the TCP connection
- C. The server is temporary unable to receive any more data
- D. The client is temporarily unable to receive any more data

**Answer:** C

**NEW QUESTION 100**

in which scenario is a full proxy TCP connection required?

- A. when compression is actuated
- B. When Source NAT configured
- C. when a virtual server is configured
- D. When Source IP persistence is required

**Answer:** A

**Explanation:**

<https://devcentral.f5.com/articles/the-full-proxy-data-center-architecture>

**NEW QUESTION 103**

A company would like to create a web service for multiple data centers (US EU, ASia) where each data center uses the same IP address Requests will be routed to the closest data center. Which address type is the appropriate solution?

- A. Broadcast
- B. Unicast
- C. Anycast
- D. Micast

**Answer:** C

**NEW QUESTION 108**

An Administrator enables HTTP keep alive. How does this affect the network?

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

**Answer:** B

**Explanation:**

<https://en.wikipedia.org/wiki/HTTPpersistentconnection>

**NEW QUESTION 113**

A device needs to decrypt traffic and send unencrypted traffic to the web server. Which method should the BIG-IP Administrator use?

- A. SSL Optimization
- B. SSL Caching
- C. SSL Termination
- D. SSL Bridging

**Answer:** C

**NEW QUESTION 117**

What is a benefit of configuring BIG-IP devices in active-active high availability mode?

- A. avoid Overload on the BIG-P system in the event of a failover
- B. allows full utilization of hardware purchased
- C. reduces troubleshooting complexity
- D. provides ability to upgrade a member of the pair without disruption

**Answer:** B

**NEW QUESTION 118**

What is used to provide mutual authentication for TLS/SSL?

- A. X 509 Certificate
- B. Access List
- C. Shared Secret key
- D. Mutually Trusted issuer

**Answer:** A

**NEW QUESTION 123**

Which three security controls are used in an SSL transaction? (Choose three.)

- A. symmetric encryption
- B. network admission controls
- C. asymmetric encryption
- D. digital certificates
- E. database encryption

**Answer:** AD

**NEW QUESTION 126**

Which HTTP response code indicates an OK status?

- A. 302
- B. 404
- C. 200
- D. 100

**Answer:** C

**NEW QUESTION 127**

Given the service list of a server shown, the administrator needs to determine why users are unable to resolve the IP address [www.example.com](http://www.example.com). What is the causing this issue?

- A. bigd is down
- B. named is down

**Answer:** B

**Explanation:**

berkely internetname daemon (DNS) bigd is the health checking daemon

**NEW QUESTION 131**

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

**Answer:** A

**NEW QUESTION 132**

ARP provides translation between which two address types?

- A. IP addresses and hardware addresses
- B. Hardware addresses and VLAN
- C. VLAN and IP addresses
- D. Hostnames and IP addresses

**Answer:** A

**NEW QUESTION 135**

Which protocols are used for control and session establishment for streaming media?

- A. RTP
- B. RTSP
- C. OTLS
- D. SMB

**Answer:** A

**Explanation:**

[https://en.wikipedia.org/wiki/Real\\_Time\\_Streaming\\_Protocol](https://en.wikipedia.org/wiki/Real_Time_Streaming_Protocol)

**NEW QUESTION 136**

Ping and Traceroute outputs are provided for a connectivity issue. What is the cause of these results?

- A. routing loop
- B. packets that are routed with a high metric
- C. multiple paths toward the destination

**Answer:** A

**NEW QUESTION 141**

The BIG-IP device has the status of interface 2 1 as DOWN The BIG-IP Administrator. What is the likely reason for the status of the interface to be DOWN?

- A. The interface 3/2/1 is UP on switch
- B. The interface 2.1 is disabled on the BIG-IP device
- C. The interface 3/2/1 is DOWN on switch
- D. The interface 2. 1 is unpopulated on the BIG-IP device

**Answer:** C

**NEW QUESTION 144**

Without decrypting, what portion of an HTTPS session is visible with a packet capture?

- A. Source IP Address
- B. HTTP Request Headers
- C. Cookies
- D. HTTP Response Headers

**Answer:** A

**NEW QUESTION 148**

In the Network Map a red diamond appears next to the three member servers in the Virtual Server's pool. The nodes in the pool each show a green circle. What is the most likely reason for this scenario?

- A. The pool members health monitor has been disable
- B. The pool members have been disabled
- C. The pool members have been powered off
- D. The pool member services have been shut down

**Answer:** D

**NEW QUESTION 153**

Why is it important that devices in a high availability pair share the same configuration?

- A. so that a spanning tree loop can be avoided
- B. so that application traffic can do gracefully resumed after a failover
- C. so that configuration Updates can occur instantly between two devices
- D. so that the load can be shared equally between the devices

**Answer:** B

**NEW QUESTION 155**

A BIG-P Administrator needs to upload a qkview view to evaluate software upgrade options. Which service should be used?

- A. AskF5
- B. iHeath
- C. DevCentral
- D. F5WedSubOon

**Answer:** B

**NEW QUESTION 156**

A web administrator has added content to a web application, but users are unable to access the new content What could be preventing them from accessing the content?

- A. The webapp uses negative security, and the attack signature is using an invalid regular expression
- B. The webapp uses positive securit
- C. and the nourishes database has not been updated
- D. The webapp uses positive security, and the new content has not been defined as allowed behavior
- E. The webapp uses negative securit
- F. and the denial of service signatures have not been updated

**Answer:** C

#### NEW QUESTION 160

An administrator is given the IP Address of 192.168.100.124 and needs 64 subnets. How many hosts per network are allowed?

- A. 4
- B. 8
- C. 6
- D. 2

**Answer:** D

#### NEW QUESTION 161

Which two OSI layers map to IP subnetting and TCP window sizing functions? (Choose two)

- A. Application
- B. Data Link
- C. Transport
- D. Network Session

**Answer:** D

#### NEW QUESTION 164

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

#### Explanation:

[https://www.owasp.org/index.php/Posilrve\\_security\\_model](https://www.owasp.org/index.php/Posilrve_security_model)

#### NEW QUESTION 168

An administrator needs a data format that supports authentication against an external security domain. The data format must support SSO. Which data format should the administrator choose?

- A. AAA
- B. Kerberos
- C. SAML
- D. EAP

**Answer:** C

#### NEW QUESTION 171

A BIG-IP administrator recently reset statistics for interfaces 1.1 and 1.2. The administrator notices that traffic appears on a data plane interface without receiving any client requests. All nodes and pools have monitoring enabled, and all routes are locally defined on the device. All management traffic is sent over the mgmt interface. What is the nature of this traffic?

- A. SNMP polling and traps
- B. Health checks for nodes and pool members
- C. Dynamic routing protocols
- D. TCP Keepalives for nodes and pool members

**Answer:** B

#### Explanation:

Health checks typically will be sent via the tmm interface based on the tmm routing configuration

#### NEW QUESTION 176

AD VLAN must be created with an 802.1Q tag of 705 on interface 11. What is the proper TSH command to create this new VLAN on the BIG-IP?

- A. Create net wan internal interfaces add {1 1 (tagged)} tag 706
- B. Create net vlan internal trunk add (11 {tagged})
- C. add /net vlan internal interfaces add (11) tag 705
- D. add /net vlan internal trunk add {1 1 (tagged)} tag 705

**Answer:** A

#### NEW QUESTION 181

A client is transmitting a large amount of data to a server. During this process, the server sets the window size to zero. What is the likely cause of this issue?

- A. The server is unable to accept more data
- B. The server resets the connection
- C. The client runs out of network buffers

D. The server reaches its maximum segment size

**Answer:** A

**Explanation:**

<https://wiki.wireshark.org/TCP%20ZeroWindow>

#### NEW QUESTION 182

Which protocol could be used to provide AAA Accounting?

- A. karberos
- B. SAML
- C. DIAMETER
- D. LDAP

**Answer:** C

**Explanation:**

[https://en.wikipedia.org/wiki/Diameter\\_protocol](https://en.wikipedia.org/wiki/Diameter_protocol))

#### NEW QUESTION 184

Web application <http://www.example.com> at 10.10.1.110, is unresponsive. A recent change migrated DNS to a new platform

- A. telnet www example com 80
- B. curl http //www example com
- C. dig www example com
- D. telnet 10.10.1. 110. 80

**Answer:** C

**Explanation:**

Telnet will open a socket to the http server, but the request would need to be manually input Curl will send a request and output the response.

#### NEW QUESTION 189

Layer 2 mapping information is announced by an interface without receiving a request for the mapping first. Which term describes this event?

- A. ICMP
- B. STP
- C. gratuitous ARP
- D. ARP

**Answer:** C

#### NEW QUESTION 190

Which protocol data unit (POU) is associated with the OSI model's Network layer

- A. Segment
- B. Datagram
- C. Bit
- D. Frame

**Answer:** B

#### NEW QUESTION 194

Pool A has three members. Why is the pool up?



- A. Heaton monitoring is enabled on only one member
- B. One member has a successful health monitor
- C. Member status is determined by volume of traffic
- D. There is no health monitoring

**Answer:** B

#### NEW QUESTION 197

Which device group type allows a BIG IP system to automatically become active in the event that the current active system fails?

- A. Sync-active
- B. sync-failover

- C. sync-standby
- D. sync-only

**Answer:** B

**Explanation:**

The sync-failover group allows for failover of a traffic group. The sync-only will synchronize ASM profiles and some other device information but does not deal with traffic groups

**NEW QUESTION 202**

A BIG IP Administrator configures three Network Time Protocol servers to keep the time of the devices in sync. Which tool should the administrator use to show the synchronization status with the Network Time Protocol servers?

- A. time
- B. ntpdate
- C. date
- D. ntpq

**Answer:** D

**Explanation:**

ntpq -pn will show the synchronization status of configured ntp servers

**NEW QUESTION 205**

Which two functions of AAA does Security Assertion Markup Language (SAML) identity Provider (IdP) offer (Choose two)?

- A. measure usage
- B. provide authentication
- C. provide availability
- D. provide session auditing
- E. filter access

**Answer:** BD

**NEW QUESTION 206**

At which layer of the OSI model does the DNS resolution process occur?

- A. Layer 7
- B. Layer 4
- C. Layer 2
- D. Layer 3

**Answer:** A

**NEW QUESTION 211**

What command sends an "Echo Request" message and expects an "Echo Reply" message?

- A. ping
- B. netstat
- C. tcpdump
- D. echo

**Answer:** A

**NEW QUESTION 214**

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 client side scripts
- E. execute server side scripts

**Answer:** ABC

**NEW QUESTION 217**

A BIG IP Administrator needs to perform a packet capture and identify the source IP that is connecting to the Virtual Server. Which utility should the administrator use on the BIG IP device?

- A. lsof
- B. traceroute
- C. ping
- D. tcpdump

**Answer:** D

#### NEW QUESTION 221

A new virtual server is being tested to replace <http://myapp.mydomain.com>. The original virtual server is still on use. And the new virtual server is on a different ip address. What should be done to test this new virtual server using the fully qualified domain name for this application?

- A. add a DNS record for the fully qualified domain name
- B. add the fully qualified domain name to the browser cache
- C. make an entry in the client host file
- D. make an entry in the web server services file

**Answer:** C

#### NEW QUESTION 223

What are two examples of network layer protocols? (Choose two)

- A. ARP
- B. TCP
- C. IPv4
- D. BGP
- E. ICMP

**Answer:** AE

#### NEW QUESTION 224

Which protocol Authenticates network traffic between hosts end without encryption?

- A. PPTP
- B. GRE
- C. IPSec AH
- D. IPSec ESP

**Answer:** C

#### Explanation:

[https://developer.ibm.com/answers/questions/37253/what-is-the-difference-between-the-ah-and- esp-port/](https://developer.ibm.com/answers/questions/37253/what-is-the-difference-between-the-ah-and-esp-port/)

#### NEW QUESTION 227

Which security mode. functions by defining what traffic is allowed and rejecting all other traffic?

- A. context-based access control mode!
- B. role-based access control mode!
- C. negative security model
- D. positive security model

**Answer:** D

#### NEW QUESTION 232

An administrator needs to connect a new device to a switched network. The interconnect must be both redundant and combined bandwidth than a single link Which low-level protocol will help facilitate this?

- A. Link Aggregation Control Protocol (LACP)
- B. Link Allocation & Configuration Protocol (LACP)
- C. Link Local Distribution Protocol (LLDP)
- D. Link Layer Discovery Protocol (LDP)

**Answer:** A

#### NEW QUESTION 233

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

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

**Answer:** C

#### Explanation:

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

#### NEW QUESTION 238

Web application <http://www.example.com> at 10.10.1.1.10 is unresponsive.

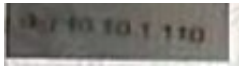
A recent change installed new firewalls in the network. Which command should be used to locate where data loss has occurred within the network?

A)

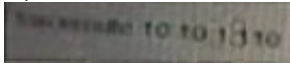


B)

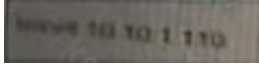




C)



D)



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

**Answer:** C

**Explanation:**

Traceroute attempts to send ICMP-packets that expire further down the network and determine if a network device is responding or allowing traffic through.

**NEW QUESTION 240**

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## Relate Links

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