

F5-Networks

Exam Questions 101

Application Delivery Fundamentals



NEW QUESTION 1

BIG-IP Administrator runs the command ITconfig from the BIG-IP command the line end sees a high number of collisions. What is the likely cause?

- A. There is a duplicate IP address on the network
- B. A crossover cable has been used
- C. The interface is set to half duplex
- D. Spanning Tree Protocols blocking the con

Answer: D

NEW QUESTION 2

in which scenario is a full proxy TCP connection required?

- A. when DNS load balancing is performed
- B. When source NAT is demanded
- C. when the client source IP address is sent to the server
- D. when the client and server connection are decoupled

Answer: D

NEW QUESTION 3

What does HTTP status code 500 mean?

- A. Service unavailable
- B. Internal server error
- C. Gateway timeout
- D. Bad gateway

Answer: B

NEW QUESTION 4

in which scenario is a full proxy required?

- A. When a separation between client and server connection is needed
- B. When administration directly access the servers for administration
- C. when the server sends the response through the load balancer
- D. when all TCP client parameters must be seen by the server

Answer: A

Explanation:

Reference <https://devcentral.f5.com/articles/three-things-your-proxy-cant-do-unless-its-a-full-proxy>

NEW QUESTION 5

Where is the MAC masquerade address configured?

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

Answer: D

NEW QUESTION 6

What is the primary function of a certificate authority?

- A. to expire outdated certificates
- B. to verify and validate certificates
- C. to store security certificates
- D. to sign certificate signing requests

Answer: D

Explanation:

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

NEW QUESTION 7

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

Answer: D

NEW QUESTION 8

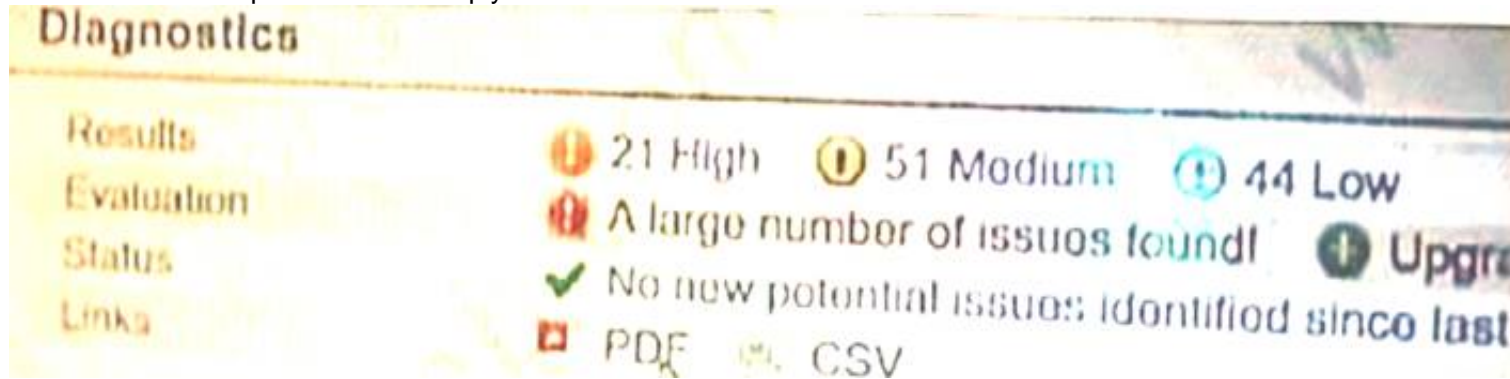
A BIG-IP Administrator is trying to send traffic to a server on the same subnet and sees an incomplete in the BIG-IP devices ARP table. What could cause the incomplete status?

- 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 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 f5.com
- C. Download the product version image from download f5.com
- D. Download the product version image from downloads f5.com

Answer: D

NEW QUESTION 10

What are two examples of failover capabilities of BIG-IP? (Choose two)

- A. failing over based on an over temperature alarm
- B. failing over serial cable based on electric failure code
- C. failing over network connection based on heartbeat detection
- D. failing over network connection based on SNMP error
- E. failing over serial cable based on voltage detection

Answer: CE

NEW QUESTION 10

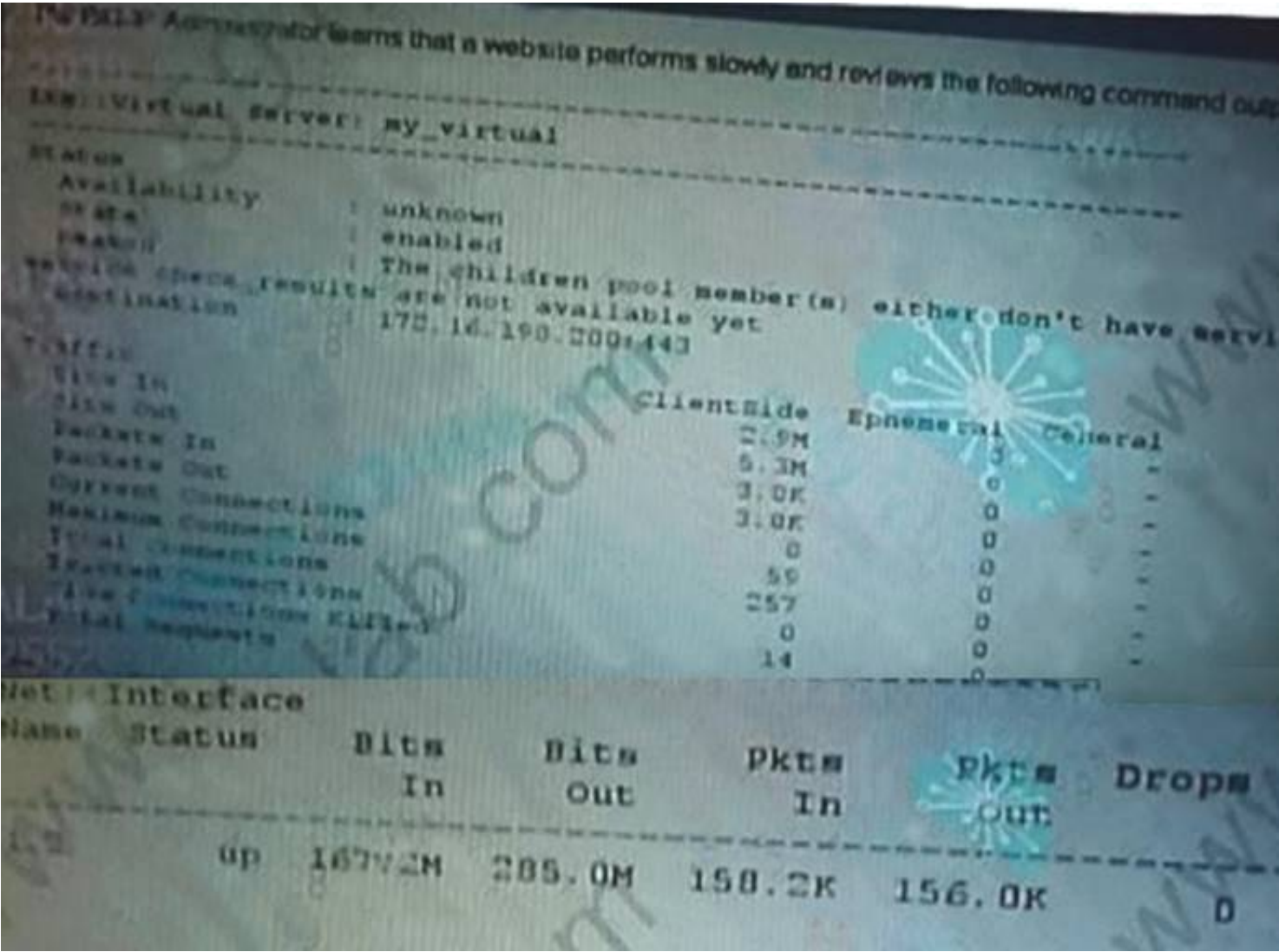
Which FTP mode should be used by a client behind a firewall that has no special configurator?

- A. Passive FTP
- B. Secure FTP
- C. Active FTP
- D. Protected FTP

Answer: A

NEW QUESTION 14

What should the administrator investigate first to address this traffic slowness?

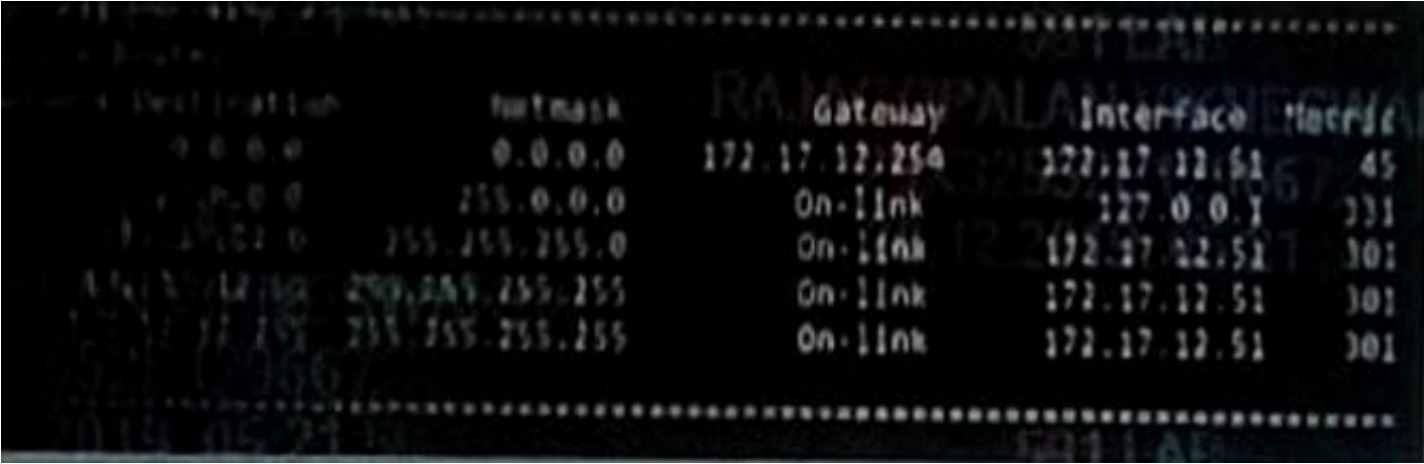


- A. The virtual server indicates 14 slow connections killed
- B. The pool member is unchecked
- C. Interface 1.2 shows 9.2K errors
- D. The pool shows no current connections.

Answer: C

NEW QUESTION 19

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



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

Answer: C

NEW QUESTION 22

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 25

In which scenario is a full proxy TCP connection required?

- A. TCP routing
- B. IPv4 to IPv6 gateway

- C. UDP routing
- D. UDP to ICMP gateway

Answer: B

NEW QUESTION 30

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 32

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 33

An administrator configures a custom MAC masquerade address on a redundant BIG-IP system What will be the result?

- A. The administrator will be prompted during configuration to define which unit will use the MAC masquerade address
- B. The MAC masquerade address will be concurrently used by both active and standby unit
- C. The MAC masquerade address will only be used by the active unit
- D. The standby unit in use the system's actual interface(s) MAC address
- E. The MAC masquerade address will only be used by the unit with higher unit ID The other unit will use the system's actual interface(s) MAC address

Answer: C

Explanation:

<https://support.f5.com/cp/article/K13502>

NEW QUESTION 34

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 35

Which version of SNMP can AuthPriv be used?

- A. 2
- B. 3
- C. 2c
- D. 3c

Answer: B

NEW QUESTION 39

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 41

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 45

A user fails to provide credentials when requesting a web resource that requires authentication. Which HTTP response code does the server send?

- A. HTTP 200
- B. HTTP 302
- C. HTTP 401
- D. HTTP 502

Answer: C

Explanation:

<https://httpstatuses.com/401>

NEW QUESTION 47

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

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

Answer: D

NEW QUESTION 51

An administrator needs a remote VPN solution for corporate users. The existing network infrastructure has web-based services. The administrator needs to select the VPN that is the least complicated to deploy.

Which VPN solution should the administrator choose?

- A. IPSec
- B. L2TP
- C. SSL
- D. PPTP

Answer: A

NEW QUESTION 55

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?

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- A. create net vlan VIAN40 (interfaces replace all with {LACP01 (untagged } } lag 40)
- B. create net vian VLAN40 (interfaces add { LACP01 {tagged} tag JO J
- C. create net vian VLAN40 {interfaces add (LACP01 {untagged)) tag 40}
- D. create net wan VLAN40 {interfaces replace all with {LACP01 {tagged]} lag 40 }

Answer: B

Explanation:

Tagged" VLAN is how F5 refers to a VIAN within an 802.1q trunk. The fact that it is an FS trunk' or an LACP/etherchannel link only changeshowthe interface is referred to in the command.

NEW QUESTION 58

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 60

What should a BIGIP Administrator configure to provide remote access and ensure data privacy?

- A. Security policy

- B. Packet filter
- C. VPN
- D. GRE

Answer: C

NEW QUESTION 63

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

NEW QUESTION 68

An organization needs to protect its data center from layer three-based and layer four-based exploits. Which F5 product provides this functionality

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

Answer: A

Explanation:

<https://www.f5.com/products/security/advanced-firewall-manager>

NEW QUESTION 69

A client's operating system needs to make sure that data received from a server is mapped to the application that requested it. How does it complete this mapping?

- A. using the TCP sequence number
- B. using the client source port
- C. using the TCP acknowledgement number
- D. using the server source port

Answer: B

NEW QUESTION 72

Which protocol does an internet host use to request the hardware address of an IP address?

- A. Reverse Address Resolution Protocol (RARP)
- B. Address Resolution Protocol (ARP)
- C. BOOTP
- D. Dynamic Host Configuration Protocol (DHCP)

Answer: B

NEW QUESTION 77

There is no SFP plugged into the port.

Port	Interface	Bytes In	Bytes Out	Pkts In	Pkts Out	Drops	Errs	Media
1-1	up	10,80	110,9M	10,1M	220,5K	21,1M	0	1000T-1D
1-2	down	0	0	0	0	0	0	none
1-3	down	0	0	0	0	0	0	none
1-4	down	0	0	0	0	0	0	none
1-5	down	0	0	0	0	0	0	none
1-6	down	0	0	0	0	0	0	none
1-7	down	0	0	0	0	0	0	none
1-8	down	0	0	0	0	0	0	none
2-1	up	0	0	0	0	0	0	none
2-2	up	0	0	0	0	0	0	none
2-3	up	0	0	0	0	0	0	none
2-4	up	0	0	0	0	0	0	none
2-5	up	0	0	0	0	0	0	none
2-6	up	0	0	0	0	0	0	none
2-7	up	0	0	0	0	0	0	none
2-8	up	0	0	0	0	0	0	none
2-9	up	0	0	0	0	0	0	none
2-10	up	0	0	0	0	0	0	none
2-11	up	0	0	0	0	0	0	none
2-12	up	0	0	0	0	0	0	none
2-13	up	0	0	0	0	0	0	none
2-14	up	0	0	0	0	0	0	none
2-15	up	0	0	0	0	0	0	none
2-16	up	0	0	0	0	0	0	none
2-17	up	0	0	0	0	0	0	none
2-18	up	0	0	0	0	0	0	none
2-19	up	0	0	0	0	0	0	none
2-20	up	0	0	0	0	0	0	none
2-21	up	0	0	0	0	0	0	none
2-22	up	0	0	0	0	0	0	none
2-23	up	0	0	0	0	0	0	none
2-24	up	0	0	0	0	0	0	none
2-25	up	0	0	0	0	0	0	none
2-26	up	0	0	0	0	0	0	none
2-27	up	0	0	0	0	0	0	none
2-28	up	0	0	0	0	0	0	none
2-29	up	0	0	0	0	0	0	none
2-30	up	0	0	0	0	0	0	none
2-31	up	0	0	0	0	0	0	none
2-32	up	0	0	0	0	0	0	none
2-33	up	0	0	0	0	0	0	none
2-34	up	0	0	0	0	0	0	none
2-35	up	0	0	0	0	0	0	none
2-36	up	0	0	0	0	0	0	none
2-37	up	0	0	0	0	0	0	none
2-38	up	0	0	0	0	0	0	none
2-39	up	0	0	0	0	0	0	none
2-40	up	0	0	0	0	0	0	none
2-41	up	0	0	0	0	0	0	none
2-42	up	0	0	0	0	0	0	none
2-43	up	0	0	0	0	0	0	none
2-44	up	0	0	0	0	0	0	none
2-45	up	0	0	0	0	0	0	none
2-46	up	0	0	0	0	0	0	none
2-47	up	0	0	0	0	0	0	none
2-48	up	0	0	0	0	0	0	none
2-49	up	0	0	0	0	0	0	none
2-50	up	0	0	0	0	0	0	none
2-51	up	0	0	0	0	0	0	none
2-52	up	0	0	0	0	0	0	none
2-53	up	0	0	0	0	0	0	none
2-54	up	0	0	0	0	0	0	none
2-55	up	0	0	0	0	0	0	none
2-56	up	0	0	0	0	0	0	none
2-57	up	0	0	0	0	0	0	none
2-58	up	0	0	0	0	0	0	none
2-59	up	0	0	0	0	0	0	none
2-60	up	0	0	0	0	0	0	none
2-61	up	0	0	0	0	0	0	none
2-62	up	0	0	0	0	0	0	none
2-63	up	0	0	0	0	0	0	none
2-64	up	0	0	0	0	0	0	none
2-65	up	0	0	0	0	0	0	none
2-66	up	0	0	0	0	0	0	none
2-67	up	0	0	0	0	0	0	none
2-68	up	0	0	0	0	0	0	none
2-69	up	0	0	0	0	0	0	none
2-70	up	0	0	0	0	0	0	none
2-71	up	0	0	0	0	0	0	none
2-72	up	0	0	0	0	0	0	none
2-73	up	0	0	0	0	0	0	none
2-74	up	0	0	0	0	0	0	none
2-75	up	0	0	0	0	0	0	none
2-76	up	0	0	0	0	0	0	none
2-77	up	0	0	0	0	0	0	none
2-78	up	0	0	0	0	0	0	none
2-79	up	0	0	0	0	0	0	none
2-80	up	0	0	0	0	0	0	none
2-81	up	0	0	0	0	0	0	none
2-82	up	0	0	0	0	0	0	none
2-83	up	0	0	0	0	0	0	none
2-84	up	0	0	0	0	0	0	none
2-85	up	0	0	0	0	0	0	none
2-86	up	0	0	0	0	0	0	none
2-87	up	0	0	0	0	0	0	none
2-88	up	0	0	0	0	0	0	none
2-89	up	0	0	0	0	0	0	none
2-90	up	0	0	0	0	0	0	none
2-91	up	0	0	0	0	0	0	none
2-92	up	0	0	0	0	0	0	none
2-93	up	0	0	0	0	0	0	none
2-94	up	0	0	0	0	0	0	none
2-95	up	0	0	0	0	0	0	none
2-96	up	0	0	0	0	0	0	none
2-97	up	0	0	0	0	0	0	none
2-98	up	0	0	0	0	0	0	none
2-99	up	0	0	0	0	0	0	none
2-100	up	0	0	0	0	0	0	none

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

There is no SFP plugged into the port.

NEW QUESTION 81

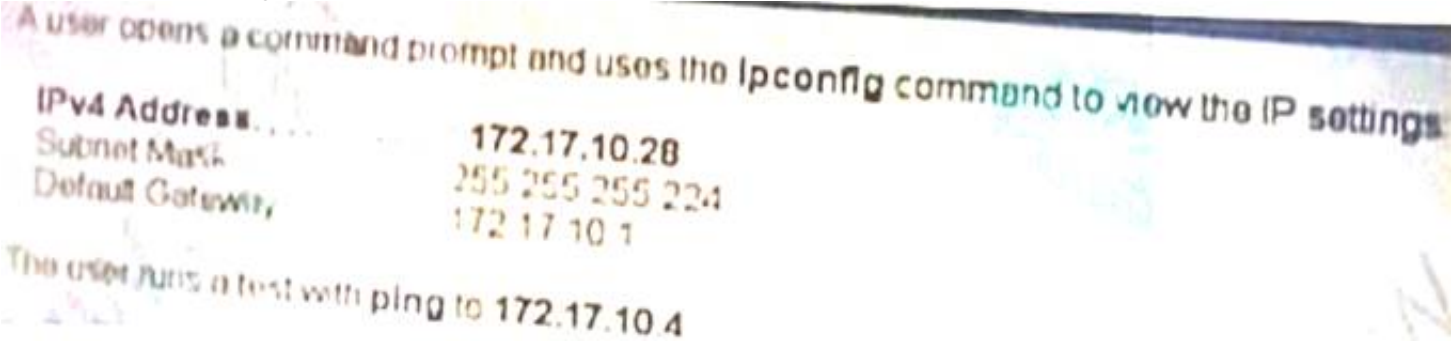
A BIO IP Administrator is troubleshooting a slow web application. A packet capture shows that some of the packets coming from a window size of zero A packet capture shows that som a window size of zero
 What does this mean?

- 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 86

Which of the following would happen?



- A. The PC sends a DNS query for 172. 17. 10. 1
- B. The PC sends an ARP looking for the MAC address of 172. 17. 10. 4
- C. The PC sends an ARP looking for the MAC address of 172. 17. 10. 1
- D. The PC sends a DNS query for 172.17.10 4

Answer: B

NEW QUESTION 90

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 availability of the object is unknown.
- C. The object has reached its configured connection limit
- D. The object is unavailable.

Answer: B

NEW QUESTION 91

An administrator needs to prepare change control documents for operations staff To reduce possible errors the administrator killed number of default configuration options is choose from. Which F5 feature is intended to help with this task?

- A. icontrl
- B. iCatl
- C. iApp
- D. iRules

Answer: A

Explanation:

<https://devcentral.f5.com/icontrl>

NEW QUESTION 93

A user wishes to retries a file from an FTP server
minimum of how many TCP connections are required to perform this action?

- A. 3
- B. 1
- C. 4
- D. 2

Answer: D

NEW QUESTION 96

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](https://en.wikipedia.org/wiki/HTTPpersistentconnection)

NEW QUESTION 98

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 101

Which two protocol are used for the retrieval of email? (Choose two)

- A. ICAP
- B. SMTP
- C. IMAP
- D. POP3
- E. SNMP

Answer: CD

NEW QUESTION 106

During a TCP three-way handshake, which packet indicates the serves maximum segment (MSS)?

- A. the initial SYN packet
- B. the ACK that completes the three way handshake
- C. the SYN/ACK packet
- D. the first packet after the three-way handshake

Answer: C

NEW QUESTION 111

Given the service list of a server shown, the administrator needs to determine why users are unable to resolve the IP addresswww.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 116

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 120

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 125

A client needs to learn if a web server supports POST Which HTTP method is used?

- A. OPTIONS
- B. TRACE
- C. LIST
- D. GET

Answer: A

Explanation:

[https //developer mozilla.org/en-US/docs/Web/HTTP/Methods/OPTION](https://developer.mozilla.org/en-US/docs/Web/HTTP/Methods/OPTION)

NEW QUESTION 126

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 130

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 135

A server is operating on the network 10.100/24. The BIG-IP device is operating on the 192.168.0.0/24 net. What is required to enable the several and BIG-IP device to communicate properly?

- A. Firewall
- B. Switch
- C. Router
- D. Hub

Answer: C

NEW QUESTION 137

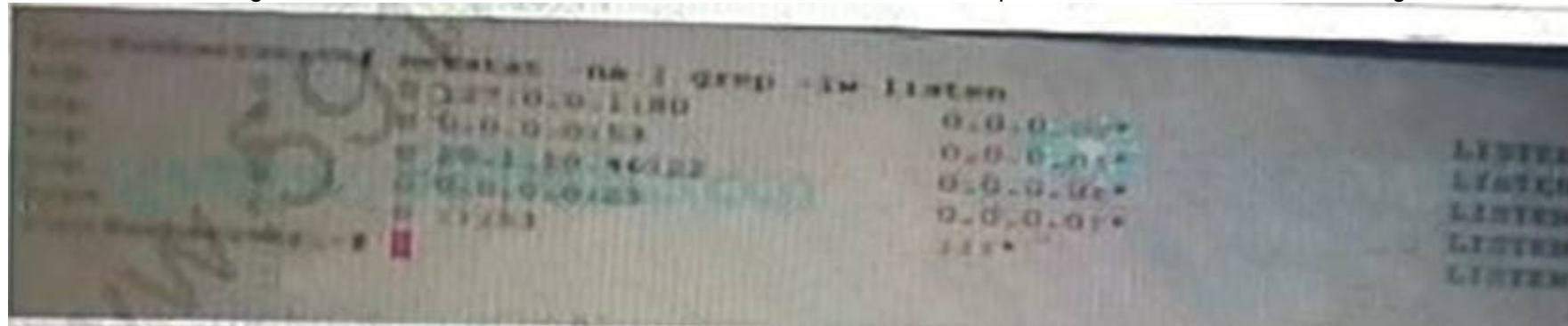
Which protocol emphasizes reduced latency over reliability?

- A. TCP
- B. UDP
- C. GRE
- D. RSVP

Answer: B

NEW QUESTION 142

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



- A. telnet
- B. allowing connections only from IP address 10.1.10.46
- C. ssh
- D. listening on IP address 10.1.10.46
- E. ssh
- F. allowing connections only from IP address 10.1.10.46
- G. telnetd listening on IP address 10.1.10.46

Answer: B

Explanation:

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 147

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

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

Answer: A

Explanation:

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

NEW QUESTION 151

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 disabled
- 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 156

A BIG-IP Administrator has a cluster of devices.

What should the administrator do after creating a new Virtual Server on device 1?

- A. synchronize the settings of device 1 to the group
- B. create a new cluster on device 1
- C. create the new virtual server on device 2
- D. synchronize the settings of the group to device 1

Answer: A

NEW QUESTION 161

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. Multiple MAC registration Protocol
- C. 802.1Q VLAN tagging
- D. Port Spanning

Answer: C

NEW QUESTION 165

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 168

The 2001:db8: : IP6 address block is allocated to a load balancer for use as virtual server addresses. The address block is routed to a balancer self IP address using a static route. What is the correct representation for the last address in the address block that a virtual server can use?

- A. 2001:db8
- B. 2001:db8: : 255
- C. 2001:db8: : ffff:ffff:ffff:fffe
- D. 2001:db8: :ffff:ffff:ffff:ffff

Answer: C

NEW QUESTION 170

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

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

Answer: B

NEW QUESTION 173

An administrator connects two devices using an Ethernet cable. The link fails to come up on either device, which setting could prevent the link from being established?

- A. Proxy settings
- B. IP configuration
- C. Link speed
- D. DNS resolvers

Answer: C

NEW QUESTION 177

What does ICMP Time Exceeded" mean?

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

Answer: D

NEW QUESTION 178

An administrator needs to lower .he amount of new TCP connections to help with network congest? How should the administrator accomplish this?

- A. Use HTTP keep-alive
- B. set a larger receive window
- C. Enable delayed ACKs
- D. use an indefinite timeout

Answer: A

NEW QUESTION 182

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?

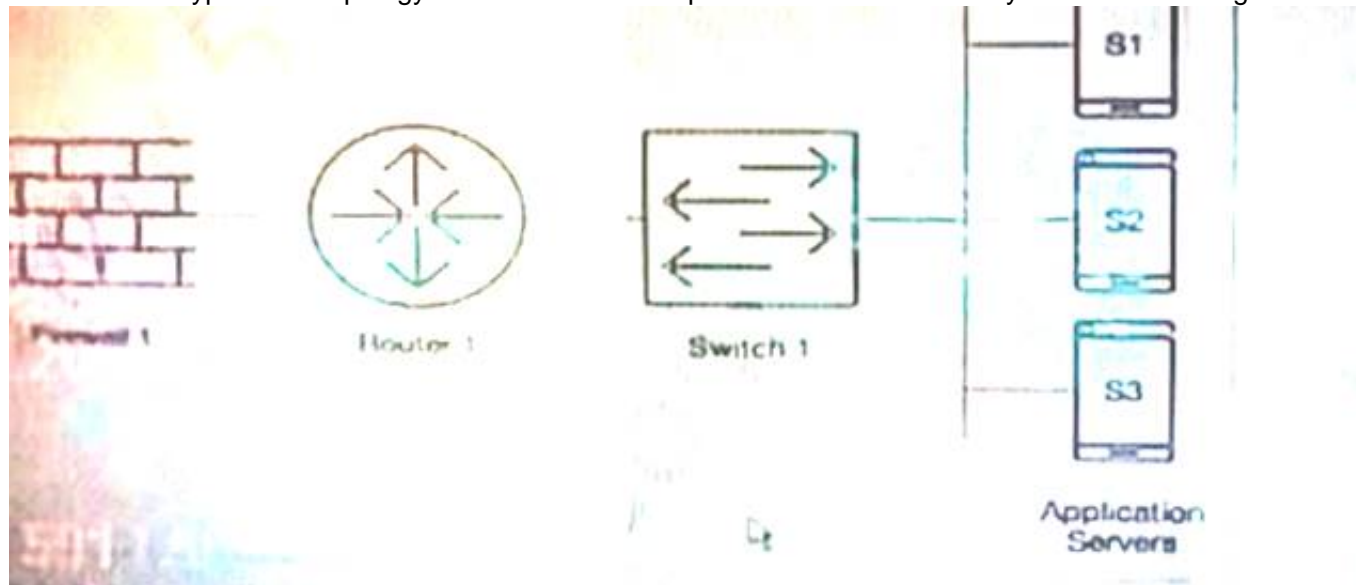
- A. 192.168.10.20
- B. 192.168.10.40
- C. 192.168.10.30

D. 192. 168. 10. 10

Answer: A

NEW QUESTION 183

Which device type in the topology will forward network packets without an OSI layer 3 address assigned to a data plane interface?



- A. Router
- B. Firewall
- C. Application Server
- D. Switch

Answer: D

NEW QUESTION 188

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 192

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 195

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 200

A company is creating a new department for Security Engineering and needs to create a segregated network segment with only 24 IPs. What should be configured?

- A. configure a new VLAN and assign a netmask of /29
- B. use an existing VLAN and assign a netmask of /28
- C. use an existing VLAN and assign a netmask of /30
- D. configure a new VLAN and assign a netmask of /27

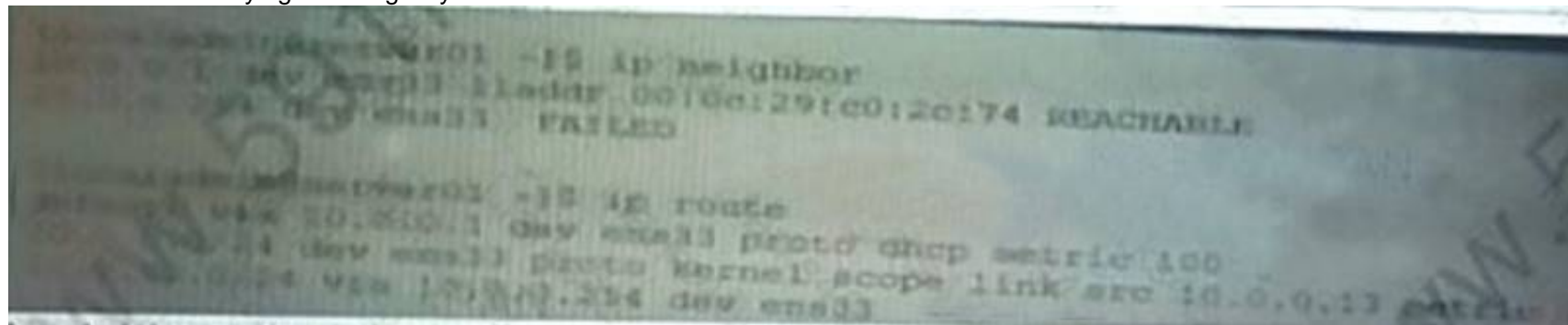
Answer: D

Explanation:

a /28 contains 14 usable IPs and a /27 contains 30 usable IPs

NEW QUESTION 204

An administrator is trying to debug why the 10.0.10.0/24 network is inaccessible from a certain server. The server is able to access the internet Successfully.



The administrator inspects the routing table and ARP table on the affected server. Given the terminal output shown, what could be causing this issue?

- A. The default gateway is not sending ARP responses
- B. The static route for 10.0.10.0/24 is misconfigured
- C. The local server is unable to receive ARP responses
- D. The default route (0.0.0.0/0) is misconfigured

Answer: B

NEW QUESTION 206

In a load balanced scenario which service would require persistence to function correctly?

- A. Simple Mail Transport Protocol
- B. DNS
- C. Web-based email
- D. HTTP

Answer: C

NEW QUESTION 210

in which scenario is a full proxy TCP connection required?

- A. when SIP UP P load balancing is defined
- B. when DNS load balancing is configured
- C. when compression is enabled
- D. when layer 3 load balancing is configured

Answer: C

NEW QUESTION 215

Comment calculator DNS error SERVFAIL. HTTP 404 and SMTP error 550 are all examples of which type of error?

- A. Service
- B. Application
- C. Network
- D. Session

Answer: B

NEW QUESTION 220

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 222

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 226

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 227

In which scenario is a packet forwarding architecture required?

- A. when HTTP header must be modified
- B. when cookie persistency is demanded
- C. when the server responds directly to the client
- D. when the number of TCP connections on the server should be reduced

Answer: C

NEW QUESTION 228

The use of attack signature within an intrusion Detection System (IDS) is an application of which security model?

- A. Positive
- B. Context-based
- C. Negative
- D. Role-based

Answer: C

Explanation:

[https //www.dosarrpst.com/ddos-blog/the-difference-between-positive-s-negatto-wafi](https://www.dosarrpst.com/ddos-blog/the-difference-between-positive-s-negatto-wafi)

NEW QUESTION 231

An administrator needs to provide access to corporate resources for remote users. The administrator also needs to verify that the remote use has anti-virus software installed. Which F5 product provides this functionality?

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

Answer: B

NEW QUESTION 235

In IPv4 the loopback IP is 127 0.0.1. or IPv6, what is the loopback address?

- A. FEBO::1
- B. FF8Q 0.0 : :1
- C. 2001 :: 127 : : 1
- D. : : 1

Answer: D

NEW QUESTION 236

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