F5-Networks

Exam Questions 101

Application Delivery Fundamentals

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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 hall duplex
D. Spanning Tree Protocols biochang the con

Answer: D

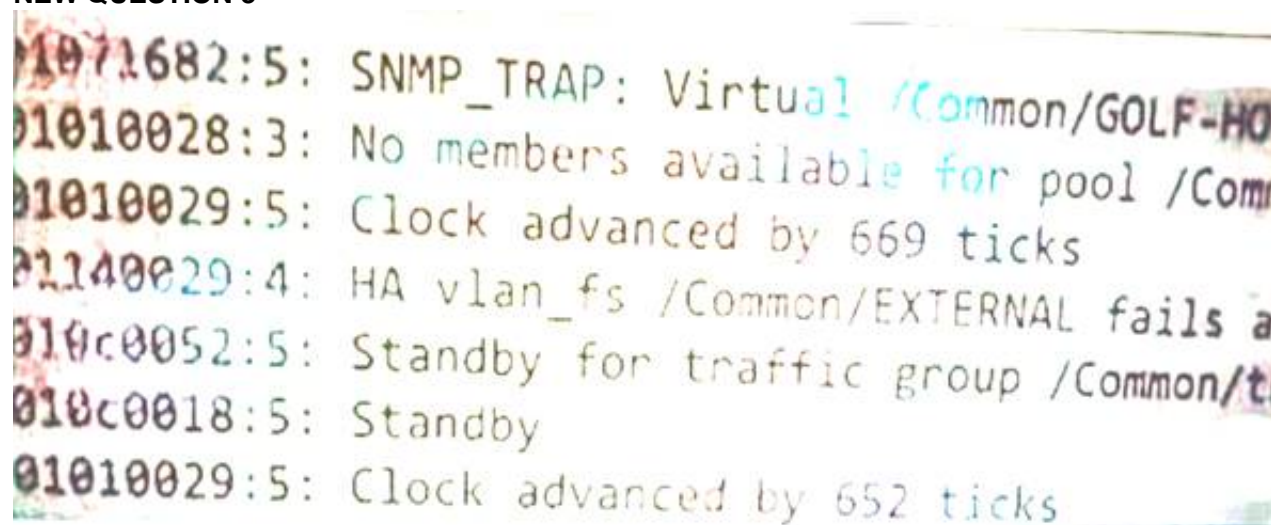**NEW QUESTION 2**
A load balancing decision needs to be made based on custom a What is the most appropriate F5 feature (or this purpose?

A. iApps
B. Scale
C. iControl
D. iRules

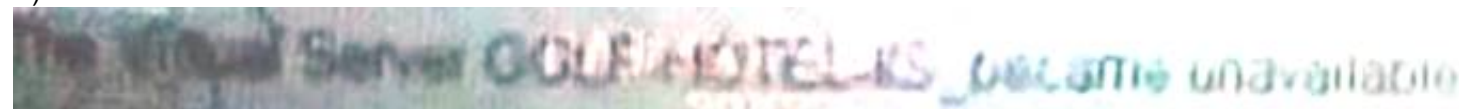**Answer:** D

NEW QUESTION 3

```
1071682:5: SNMP_TRAP: Virtual /Common/GOLF-HO
01010028:3: No members available for pool /Comm
01010029:5: Clock advanced by 669 ticks
11140029:4: HA vlan_fs /Common/EXTERNAL fails a
010c0052:5: Standby for traffic group /Common/t
018c0018:5: Standby
01010029:5: Clock advanced by 652 ticks
```

A)

MIN ESW EXTERNAL failed
ET 966

B)

The Cloud Server GOLF-HOTEL-KS_became unavailable

C)

MINIESWAN is for pool member went down
ET 1 2956

A. Option
B. Option
C. Option

Answer: A

NEW QUESTION 4
What are the two primary functions of the OSI 7 layer model (Choose two)

A. to guide interoperability between products made by different vendors
B. to define protocol behavior
C. to group communications into logical layers
D. to define specifications of host-to-host communications
E. to standardize HTTP communications between different vendors

Answer: AB

NEW QUESTION 5
An administrator needs to assess an LTM for potential configuration issues and required security updates. Which F5 website con automate this task?

A. addf5f5.com
B. ihealth5.com
C. Devcentral f5.ccom
D. www.f5.Com

Answer: B

Explanation:
https://www.f5.com/services/support/support-offerings/big-ip-ihealth-diagnostic-tool

NEW QUESTION 6
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 7
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 8
Client traffic for a web application is managed by load balancers in a high availability configuration. After a failover event all clients ant forced to login again to the application.
What is the most like reason this occurred?

A. Clients were sending request to failed load balancer
B. correction mirroring configuration was NOT configured on the loadbalancer
C. The server was responding to the failed load balancer
D. SSL offloading was NOT configured on the load balancer

Answer: B

NEW QUESTION 9
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:/enWikipedia.org/wiki/Certificale_authority

NEW QUESTION 10
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 10
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 13
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 17
What are Iwo 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. II failing over network connection based on heartbeat detection
D. fading over network connection based on SNMP error
E. failing over serial cable based on voltage detection

Answer: CE

NEW QUESTION 21
Which HTTP response code is returned when a web server requires authentication to access a resource?

A. 500
B. 401
C. 302
D. 100

Answer: B

NEW QUESTION 25
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. curf - 1 smtp1/192 168 10 100
C. Icpdurnp - 0:0 host 192. 168. 10. 100 and port 25
D. telnet 192. 168. 10. 100. 143

Answer: C

NEW QUESTION 26
What should the administrator investigate first to address this traffic slownes
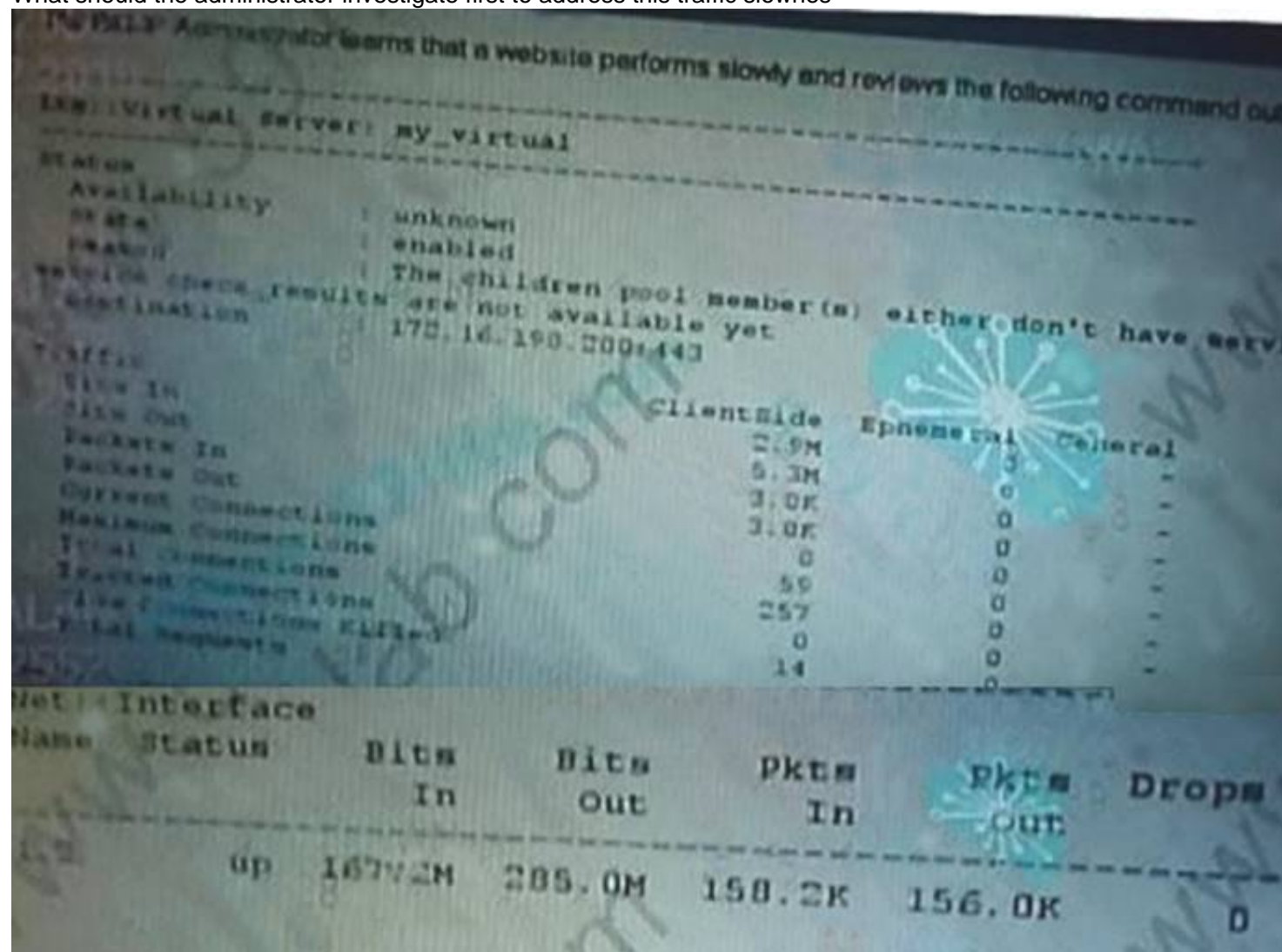
A. The virtual server indicates 14 slow connections killed
B. The pool member is unchecked
C. Interface 1.2 shows 9.2K errors
D. The pool shows no current connections.

Answer: C

NEW QUESTION 30
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 35
A Network Administrator needs a new networking device can perform NAT to connect several devices on a computer network.
What is the most appropriate device for this requirement?

A. Switch
B. Router
C. Bridges
D. Hub

Answer: B

NEW QUESTION 40
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 42
An administrator needs to create a structured application delivery configuration that will prevent individual objects from being modified directly
Which F5 technology should the administrator use?

A. iRules
B. iApps
C. iSessions
D. iContfol

Answer: B

NEW QUESTION 46
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 verity 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 47
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 49
Ethernet frame FCS errors occur when which calculation fails?

A. FSCM

B. CRC
C. CSR
D. HSTS

Answer: B

NEW QUESTION 50
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 until 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 uni
D. The standby unit in use the system's actual interfaces (s) MAC address
E. The MAC masquerade address will only be used by the un.t with higher unit ID The other unit wilt use the system's actual interface(s) MACaddress

Answer: C

Explanation:
https://support.f5.com/cp/article/K13502

NEW QUESTION 52
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 55
which version of SNMP can AuthPriv be used?

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

Answer: B

NEW QUESTION 56
A BIG-IP Administrator needs to configure a MAC masquerade address for traffic-group 1. Where on the GUI should this configuration be performed?

A. System > Configuration Device General > Iraffic-group-1
B. Local Traffic > Traffic Class > traffic -group-1
C. Device Management > Traffic Groups > traffic-group-1
D. Network > ARP Static List > traffic-group-1

Answer: C

NEW QUESTION 61
When using LDAP for authentication, what is the purpose of the base ON?

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 66
In the context of load balancing, what does the term persistence" refer to?

A. Ensuring requests from a single source always end up being handled by the same server.
B. the ability to associate different HTTP requests to a single user so that activity can be tracked.
C. Keeping TLS session key information in memory so sessions can be quickly resumed
D. the ability to keep idle connections open as long as possible by sending dummy traffic periodically

Answer: A

NEW QUESTION 67
An administrator notices the following log message generated by a BIG IP system " diskmonitor 011d005: Disk partition shared has less than 30% tree" Which

command should the administrator use to troubleshoot the problem?

A. parted-1
B. fdisk-1
C. isbik
D. df-h

Answer: D

NEW QUESTION 70
In wh.ch 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 72
in which scenario would an SSL VPN solution have an advantage over an IPSec VPN?

A. when users are unable to install software on their PC
B. when users require a secure connection to the corporate network
C. when users work remotely
D. when users require the ability to RDP to internal resources

Answer: C

NEW QUESTION 74
Which protocol data unit (PDU) is associated with the OSI model Network layer?

A. Frame
B. Packet
C. Segment
D. Bit

Answer: B

Explanation:
https://en.wikipedia.org/wik/Protocol_data-unit

NEW QUESTION 77
Which techology 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 82
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 87
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 91
What is an advantage of packet forwarding architecture?

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

Answer: B

Explanation:
https://devcentral f5.com/questions/packet-and proxy-based-56526

NEW QUESTION 92
For an IP of 192 168 10.10 with a subnet mask of 255 255.240 0 an administrator is asked to provide
• The first network address
• The broadcast address, and
• The number of hosts available per subnet host What should be the administrator's response'?

A. 192. 168. 0. 1 is the network addres
B. 192.168.10 255 is the broadcast addres
C. There are 16382 addressable hosts
D. 192. 168. 0. 0 is the network address 192 168 15 255 is the broadcast addres
E. There are 4094 addressable hosts
F. 192.168. 0.0 is the network addres
G. 192 168 16 255 is the broadcast addres
H. There are 1022 addressable hosts
I. 192. 168.16. 0 is the network address, 192 168 31 255 is the broadcast addres
J. There are 409J addressable hosts

Answer: B

NEW QUESTION 94
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 95
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 96
A company recentlyopened a new branch site. The site needs to access the internet through a link to HQ.Therouter 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 Corel to Branch1
D. only a route for 0. 0.0.0/0 on Branch1 to Core1

Answer: A

NEW QUESTION 98
BIG-IP Administrator performs the capture as shown in the image! On which protocol is the application responding?
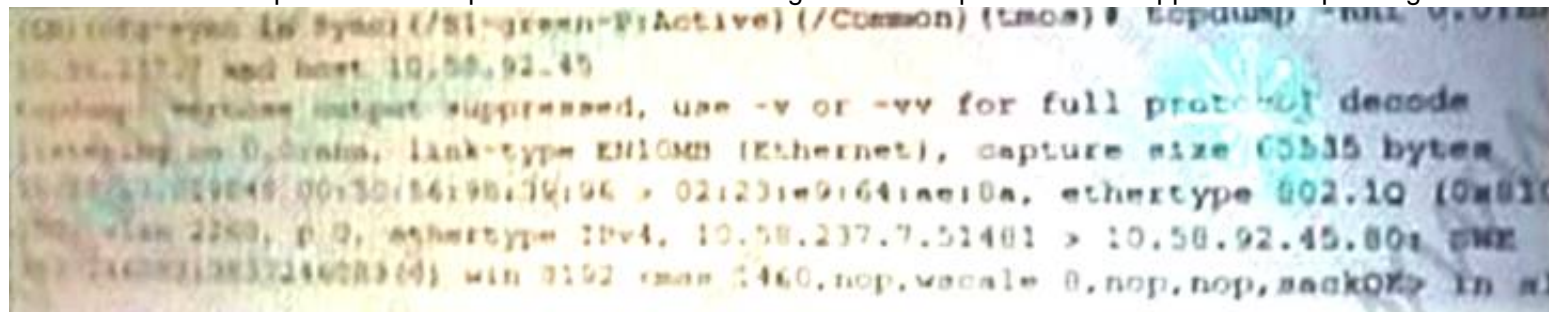
A. RDP
B. HTTPS
C. DNS
D. HTTP

Answer: D

NEW QUESTION 103
What advantage does an active-standby configuration have over an active-active configurations?

A. Active-standby configuration allows for the backup of the peer configuration
B. Active-standby utilizes the hardware more efficiently
C. Active standby Uses significantly less power consumption than active-active
D. Active-standby is less complex to troubleshoot

Answer: D

NEW QUESTION 107
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 111
In an active/standby high-availability mode, what causes a standby unit to assume the active role?

A. Hashed unit iD
B. management MAC address
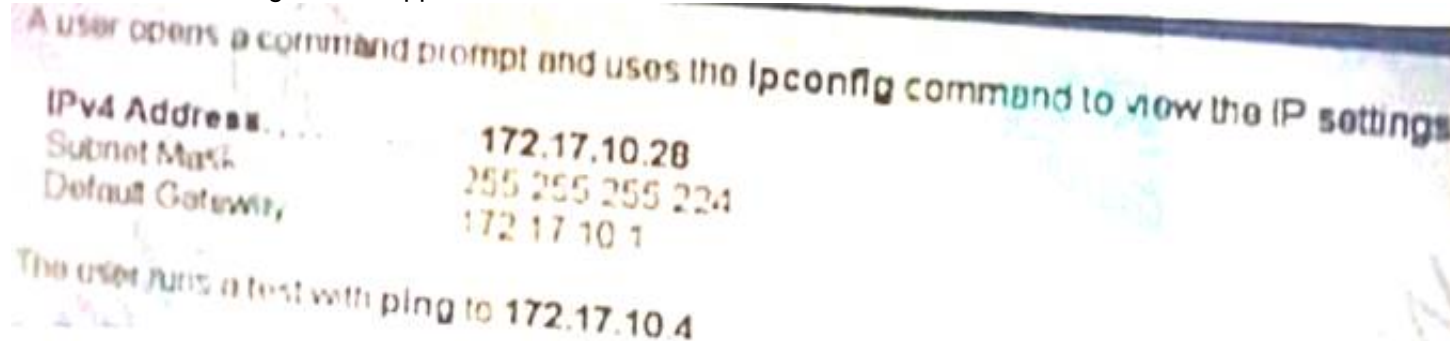C. resource utilization
D. heartbeat detection

Answer: D

Explanation:
https://supportf5.com/csP/article/K95002127

NEW QUESTION 115
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 119
An application uses a proprietary protocol running over TCP
Which FS BIG-IP feature should the administrator use to modify the protocol?

A. SPDY
B. rewrite profile
C. TCP profile
D. iRules

Answer: D

NEW QUESTION 120
When is the server also a client?

A. during a passive FTP session
B. during an active FTP session
C. While receiving email
D. While uploading files

Answer: B

NEW QUESTION 121
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 125
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 128
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 131
An administrator points the browser at h.tp://www mydomain com.The destination server listens on TCP port 8080 Which feature must be enabled on the virtual server for this configuration to work?

A. HTTP persistence
B. source NAT
C. destination address affinity
D. port translation

Answer: D

Explanation:
https.//support f5.com/csp/article/K93G17176

NEW QUESTION 135
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 136
A company deploys F5 load balancers to manage number of secure applications. The company needs to centrally manage certificates.
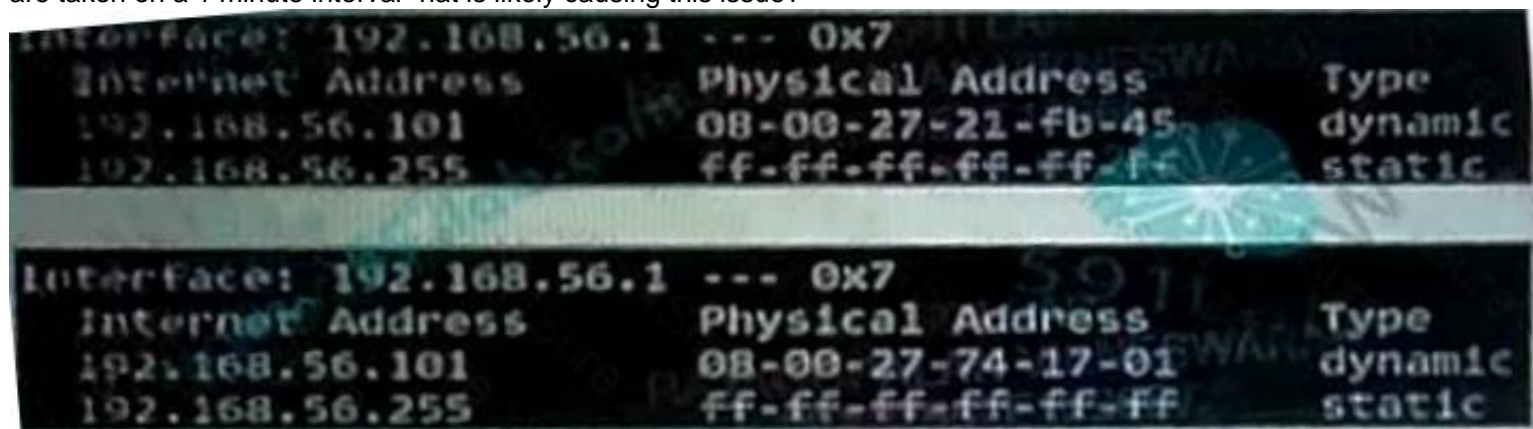Which F5 product provides this functionality?

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

Answer: A

NEW QUESTION 139
An administrator is having a connectivity issue with a server in the same network. Upon checking with the command arp -a on a Windows machine, the two outputs are taken on a 1 minute interval "hat is likely causing this issue?

A. Interface down
B. MAC address conflict
C. No route available
D. IP address conflict

Answer: D

NEW QUESTION 143
Which two destination pods should be used in a default active FTP Session? (Choose two)

A. UDP 20
B. TCP 20
C. TCP 22
D. TCP 21
E. UDP 21

Answer: BD

Explanation:
https //slacksite.com/other/ftp html

NEW QUESTION 148
What does the 5XX group of HTTP status codes indicate?

A. Redirection
B. Successful
C. Client Error
D. Server Error

Answer: D

NEW QUESTION 149
Wh.ch protocols .s used for control and sess.on establishment for streaming media?

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

Answer: A

Explanation:
https://enwikipedia org/wiki/Real_Time_Streaming_Protocol

NEW QUESTION 152
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

NEW QUESTION 153
What should the BIG-IP Administrator configure to perform SSL offloading when the certificate is already imported on the BIG-IP device?

A. HTTP profile using client SSL profile
B. Virtual server using client SSL profile configured to use the certificate
C. Virtual server using server SSL profile configured to use the certificate
D. HTTP profile using server SSL profile

Answer: B

NEW QUESTION 155
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 156
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 159
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 160
In 200 db8 IPv6 address block is allocated to a load balancer for use as virtual server addresses. The address block balancer set ip address using a static route. What is the representation for the last address in the address block that a virtual server can use?

A. 2001 db8 :: ffff, ffff, ffff, ffff
B. 2001 db8::
C. 2001 db8 :: 255
D. 2001 db8 ffff, ffff, ffff, ffff

Answer: D

NEW QUESTION 162
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 167
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 168
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. 0902 19 VLAN tagging
D. Port Spanning

Answer: C

NEW QUESTION 172
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 173
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 176
In a fully proxy architecture, what is considered the client in the server-side communications

A. the ADC
B. the switch
C. the server
D. the client workstation

Answer: A

NEW QUESTION 180
The BIG IP device is connected to the same network as a server
Which communication protocol will the BIG IP device use to discover the link layer address of the server?

A. Ping
B. ICMP
C. RARP
D. ARP

Answer: D

NEW QUESTION 185
HTTP pool attached to a Virtual Server has three members Pool member A default HTTP monitor in red Pool member 6 custom HTTP monitor in green Pool member C does not monitor
Which pool members participate in the load balancing?

A. Pool members A and C
B. Pool members A B and C
C. Pool members B and C
D. Pool members A and B

Answer: C

NEW QUESTION 190
Which two OSI layers map lo IP subnetting and TCP window sizing functions? (Choose two)

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

Answer: D

NEW QUESTION 195
ATP administrator recently added a new VLAN and needs to confirm that the BIG IP sees traffic on this VLAN. The VLAN is untagged on interface 1.1 and is named VLAN704 in the BIG IP Configuration Unity.
Which tool should be used to generate a packet capture that shows all traffic on this VLAN?

A. netstat
B. map

C. tcpdump
D. ifconsfig

Answer: C

NEW QUESTION 196
An IPV6 clients tries to connect to http://myserver.com
Wh.cn type of DNS request should the client send to its configured server?

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

Answer: B

NEW QUESTION 199
Which protocol data unit (PDU) is associated with the OSI model's Physical layer?

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

Answer: D

Explanation:
https//en.wikipedia.org/wiki/Protocol data unit

NEW QUESTION 202
AD VLAN must be created with an 802.19 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 tunk add {1 1 (tagged)) tag 705

Answer: A

NEW QUESTION 203
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:
htlps://wiki wireshark orgn/TCP%20ZeroWindow

NEW QUESTION 207
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 211
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)

NEW QUESTION 212
HTTPS traffic is being passed from behind a NAT router, through a load balancer, to servers without being decrypted.
What is the F5-recommended persistence method in this situation?

A. SSL session ID persistence
B. source address persistence
C. SIP persistence
D. destination address persistence

Answer: A

NEW QUESTION 216
Which method should an administrator of the BIG-IP use to sync the configuration to only certain other BIG-IPs?

A. synchronize only certain folders
B. exclude devices from certain Traffic Groups
C. exclude devices from certain Sync Groups
D. exclude devices from certain Device Groups

Answer: C

NEW QUESTION 220
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 223
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 228
How does file caching affect the web application?

A. It reduces the load on the web application
B. It speeds up traffic to the web application
C. It slows traffic to the web application
D. It increases the load on the web application

Answer: A

NEW QUESTION 232
The BIG-IP device has the following configured routes:

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 237
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 242
At which layer of the OSJ model does the DNS resolution process occur?

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

Answer: A

NEW QUESTION 246
A BIG IP Administrator reviews the Virtual Server configuration and sees the object status represented by a blue square tor an unknown status.How should the administrator change the unknown status?

A. restart the BIG-IP device
B. assign a monitor to the pool
C. restart the backend webserver
D. run a packet capture on the BIG-IP device

Answer: B

NEW QUESTION 247
What is a disadvantage of running a visualized load balancer

A. more expensive than a hardware load balancer
B. slower than a hardware load balancer
C. less reliable than a hardware load balancer
D. does not support high availability

Answer: B

NEW QUESTION 252
What is one way that a application delivery controller lowers the CPU-load on web servers?

A. use SSL termination at the application delivery controller
B. make the application delivery controller function as a Firewall
C. make the application delivery controller a member of both external and internal VLANs
D. use cookie persistence on the application delivery controller

Answer: A

NEW QUESTION 253
A BIG IP Administrator need 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. leinel
B. traceroute
C. ping
D. tcpdump

Answer: D

NEW QUESTION 257
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.
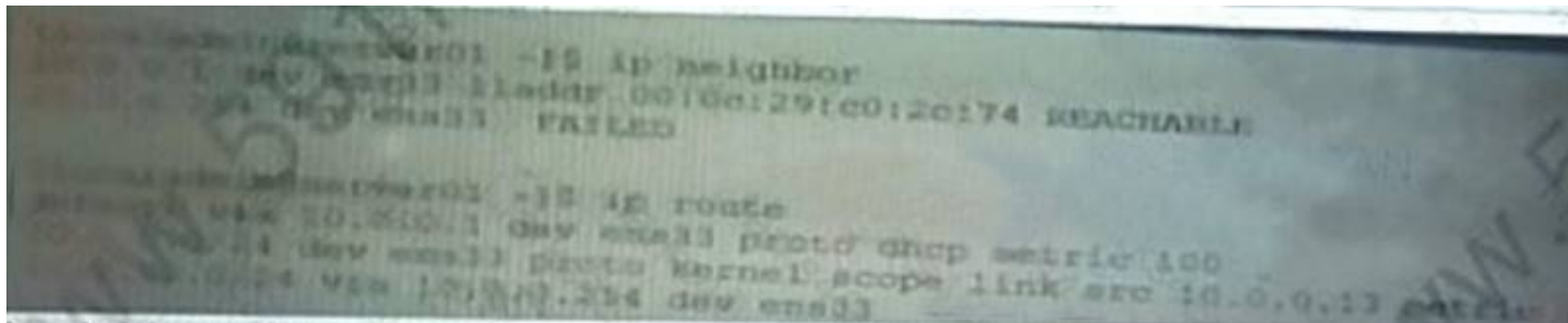
The administrator inspects the routing table and ARP table on the affected server. Given the terminal output shown, what could be causing this issue?

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 258
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 262
An administrator needs to deploy a VON solution that offers data integrity and origin authentication of IP packets. Which solution the administrator use?

A. IPSecVPN
B. PPTP
C. GRE
D. SSL VPN

Answer: A

NEW QUESTION 263
Comment calculator DNS error SERVFAL. 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 265
A BIG-IP Administrator needs to open a case with F5 Support for a specific issue with an existing HA pair of BIG-IP platform. What should be uploaded to iHealth prior to opening the case to expedite processing of the support case?

A. UCS file
B. SCF filo
C. tcpdump file
D. Qkview file

Answer: D

NEW QUESTION 267
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.ibmxom/answers.questions/37253/what-is-the-difference-between-the-ah-and- esp-port/

NEW QUESTION 268
An administrator needs to rapidly deter e newly discovered security threat to a remote desktop application. Which F5 feature provides this functionality?

A. iRules
B. SSL profiles
C. Proxy SSL
D. SPDY

Answer: A

NEW QUESTION 271
A VoIP application requires that data payloads will NOT be fragmented. Which protocol controls network behavior in this situation?

A. RTSP
B. UDP
C. TCP
D. IP

Answer: A

NEW QUESTION 272
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 273
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 274
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 278
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

NEW QUESTION 283
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