Exam Code: 101

Exam Name: Application Delivery Fundamentals

QUESTION 1
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

Correct Answer: D
Section:

QUESTION 2
Which Datalink sublayer has the primary funcl.cn of proving node lo node flow and error control?

A. LLC
B. ARP
C. MAC
D. UDP hltps://en wikipedia org/wiki/Logical_link_control

Correct Answer: A
Section:

QUESTION 3
Which function does a caching profile provide on the BIG IP server?

A. caches client IP addresses to improve response times
B. caches HTTP headers lo improve server load times.
C. caches selected pool members to improve load balancing times.
D. caches data for reuse to cut down on transfer time for future requests

Correct Answer: D
Section:
Explanation:
The Itm cache profile is a memory cache of data from pool members

QUESTION 4
A website is using source address persistence with a 30 second timeout A client is idle for 35 seconds
What happens to their connection?

A. The client receives a '404 Page Not Found'' error
B. The client connection is dropped
C. The client remains on the same server

D. The Client request is load balanced

Correct Answer: D
Section:
Explanation:
http://support.f5.com/kb/en-us/products/big ip_Itm/manuals/product/Itm-concepts-1-1-2- 1/Itm_persist_files.html

QUESTION 5
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

Correct Answer: A
Section:

QUESTION 6
Client A from the 192. 162. 168.0. 0 0/24 network wants to send a Ping to Client B on 10.10.10..0/24.
The Default Gateway from Client A IS 192.168.0. 1
The MAC Address of Client A is00 11. 11. 11. 11
The MAC Address of client B is 00.22 22.22.22
The MAC Address of Default Gateway is 00. 33.33. 33. 33
What is the destination MAC Address of the ping packet when it leaves client A interface card?

A. 00. 11. 11. 11. 11

B. f1. f1. f1. f1. f1

C. 00.33. 33. 33. 33

D. 00. 22. 22. 22. 22

Correct Answer: C
Section:

QUESTION 7
What does the HTTP status code 404 mean?

A. Not Acceptable

B. Forbidden

C. Request Timeout

D. Not found

Correct Answer: D
Section:

QUESTION 8
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

Correct Answer: C
Section:

QUESTION 9
Which device type in the topology will forward network packets without an OSI layer 3 address assigned to a data plane interface?
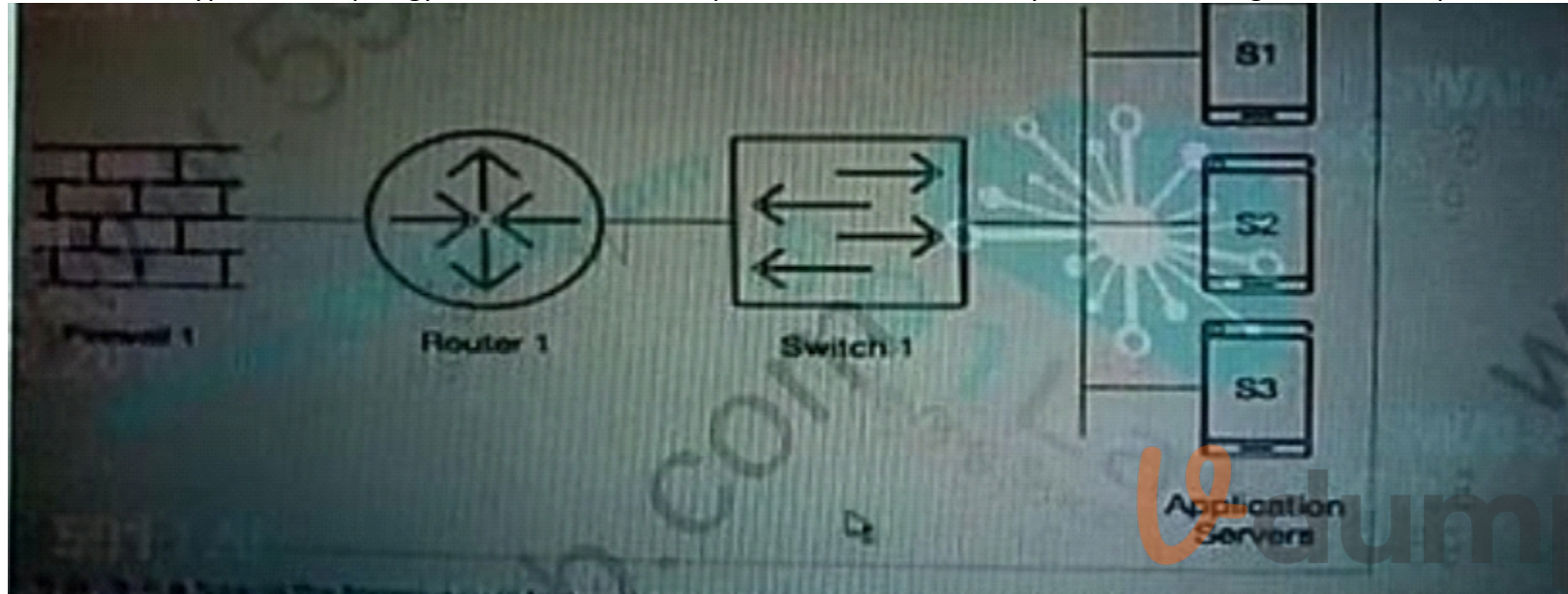
A. Router
B. Firewall
C. Application Server
D. Switch

Correct Answer: D
Section:

QUESTION 10
An organization needs to cryptographically sign its domains. Which F5 product provides this functionality?

A. GTM
B. LTM
C. ASM
D. APM https //devcentral f5 com/articles/the-tNg-ip gtm-configuring-dnssec

Correct Answer: A
Section:

QUESTION 11

A BIG-IP administrator is interested in using some of the vCMP
What should impact the administrator's decision?

A. vCMP is available on all F5 hardware platforms.
B. vCMP is only available on the virtual edition
C. vCMP is hardware independent
D. vCMP is only available on certain F5 platforms

Correct Answer: D
Section:

QUESTION 12
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

Correct Answer: A, D
Section:

QUESTION 13
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

Correct Answer: A
Section:

QUESTION 14
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

Correct Answer: A
Section:

QUESTION 15

A BIG IP administrator is testing a web server behind ADC. The connection to a Virtual Server is successful but the page is still not loading. Where should the administrator test to determine if the server is available?

A. from server-side interface in ADC.
B. from client side interface in ADC
C. from Workstation client
D. from switch connected to ADC and Server

Correct Answer: A
Section:

QUESTION 16
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

Correct Answer: C
Section:

QUESTION 17
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

Correct Answer: C
Section:

QUESTION 18
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

Correct Answer: C
Section:

QUESTION 19
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

Correct Answer: B
Section:

QUESTION 20
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

Correct Answer: A
Section:

QUESTION 21
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

Correct Answer: D
Section:

QUESTION 22
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

Correct Answer: D
Section:

QUESTION 23
Which Transport Layer Security (TLS) extension can be used to enable a single virtual server to serve multiple HTTPS websites in different can be used to enable a single virtual server to server domains?

A. Session Tickets

B. OCSP Staping

C. Server Name indication

D. Certificate Status Request

Correct Answer: C
Section:

QUESTION 24
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

Correct Answer: D
Section:

QUESTION 25
In which scenario does the client act as a server?

A. During an active FTP session

B. When an SMTP connection

C. During an SMTP connection

D. When browsing websites

Correct Answer: A
Section:

QUESTION 26
A server is capable of handling more connections than other servers in the same pool. Which load distribution method should the administrator choose?

A. Least Connections

B. Fastest

C. Ratio

D. Round Robin

Correct Answer: C
Section:

QUESTION 27
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

Correct Answer: D
Section:

QUESTION 28
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

Correct Answer: C
Section:

QUESTION 29
An administrator deploys a site in which the load balancer only sees the ingress traffic from the client All egress traffic from the server bypasses the load balancer.
Which type of solution is this?

A. packet forwarding architecture
B. delayed binding
C. switching
D. Full proxy architecture

Correct Answer: A
Section:

QUESTION 30
A client needs to learn if a web server supports POST.
Which HTTP method is used?

A. OPTIONS
B. TRACE
C. LIST
D. GET https //developer mozilla.org/en-US/docs/Web/HTTP/Methods/OPTION

Correct Answer: A
Section:

QUESTION 31
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

Correct Answer: D
Section:
Explanation:
https://supportf5.com/csP/article/K95002127

QUESTION 32
In which scenario is a full proxy TCP connection required?

A. TCP routing
B. IPv4 lo IPv6 gateway
C. UDP routing
D. UDP to ICMP gateway

Correct Answer: B
Section:

QUESTION 33
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

Correct Answer: B
Section:
Explanation:
https //en wikipedia org/wiki/HTTPpersistentconnection

QUESTION 34
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

Correct Answer: B
Section:

QUESTION 35
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

Correct Answer: B
Section:

QUESTION 36
A company needs to use a custom value when making persistence decisions. Which F5 product provides this functionality?

A. iControl

B. (Rules

C. lApps

D. (Health

Correct Answer: B
Section:

QUESTION 37
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

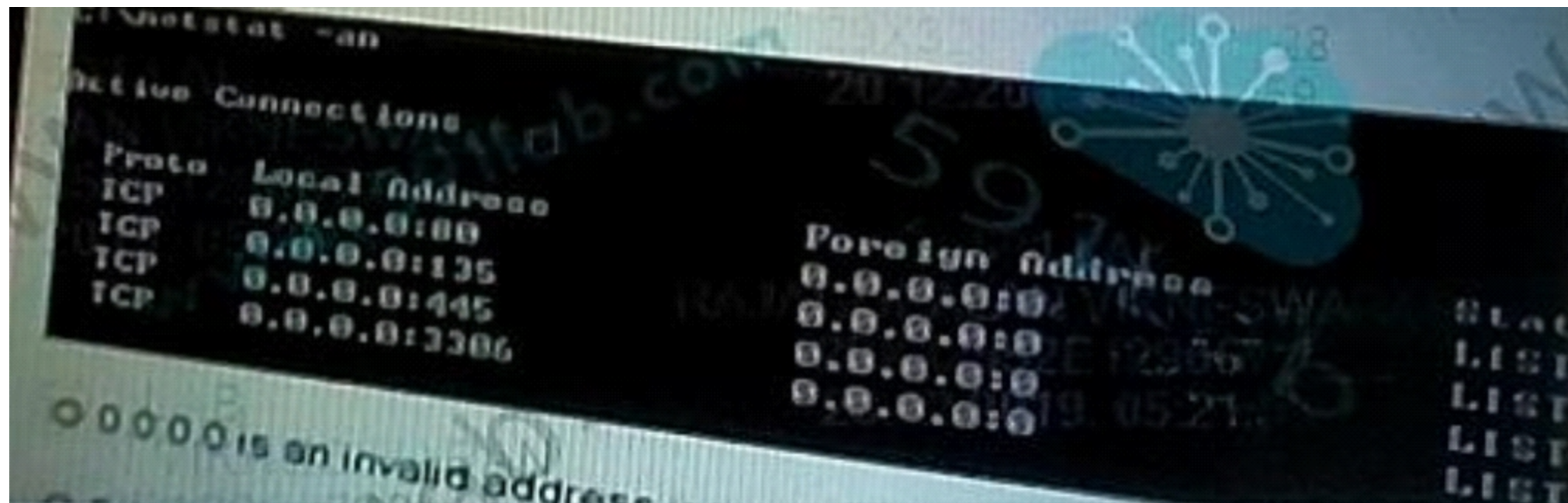C. Pool members B and C

D. Pool members A and B

Correct Answer: C
Section:

QUESTION 38
HTTPs traffic is not working properly.
What is the likely reason for the issue?

A. 0. 0 0.0 0 is an invalid address in netstat.

B. 0. 0. 0. 0.0 80 should be in an active stale

C. The server is not listening on TCP 443

D. The server is not listening on UDP 80

Correct Answer: C
Section:

QUESTION 39
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

Correct Answer: B
Section:

QUESTION 40
Which HTTP response code is returned when a web server requires authentication to access a resource?

A. 500

B. 401

C. 302

D. 100

Correct Answer: B
Section:

QUESTION 41
An administrator needs to load balance connections to the application server with the lowest number of...
Which load balancing method meets these requirements?

A. Least Sessions
B. Ratio Least Connections (member)
C. Least Connections (member)
D. Least Connections (node)

Correct Answer: D
Section:
Explanation:
https:/support f5 com/csp/article/K9573

QUESTION 42
If there are multiple applications authenticated against a single identity store, which technology solution will simplify access to all applications?

A. RADIUS
B. single sign on
C. multifactor authentication
D. LDAP

Correct Answer: B
Section:

QUESTION 43
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 dovcentral f5.com
D. Download the product version image from downloads f5.com

Correct Answer: D
Section:

QUESTION 44
An administrator needs to protect a web application from cross-site scripting (CSS) exploits. Which F5 protocol provide this functionality

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

Correct Answer: A
Section:
Explanation:

QUESTION 45
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

Correct Answer: C
Section:
Explanation:
https ://www.dosarrpst.com'ddos-blog/the-difference-between-positive-s-negatto-wafi

QUESTION 46
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

Correct Answer: A
Section:
Explanation:
https//devcentral f5 com/articles/the-full-proxy-data-center-architecture

QUESTION 47
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

Correct Answer: B
Section:

QUESTION 48
Which protocol data unit (PDU) is associated with the OSI model's Transport layer?

A. Segment

B. Datagram

C. Packet

D. Bit

Correct Answer: A
Section:
Explanation:
https://en.wikjpedia.org/wiki/Protocol_data_unit

QUESTION 49
What is used to establish trust relationships between BIG-IP devices?

A. trust ID
B. device group identification
C. certificate-based authentication
D. unit IDs

Correct Answer: C
Section:

QUESTION 50
An administrator needs a data a format that is support authentication against an external security domain. The data format must format support SSO. Which data format should the administrator choose?

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

Correct Answer: C
Section:

QUESTION 51
What should a BIGIP Administrator configure to provide remote access and ensure data privacy?

A. Security policy
B. Packet filter
C. VPN
D. GRE

Correct Answer: C
Section:

QUESTION 52
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

Correct Answer: A
Section:

QUESTION 53
What should a BIG-IP Administrator configure to minimize impact during a failure?

A. MAC masquerading
B. Clone pool
C. External monitors
D. One Connect profile

Correct Answer: A
Section:

QUESTION 54
What describes the third ''A'' in the common authentication acronym AAA?

A. provides redundancy
B. measures usage against an identity
C. provides user filtered access
D. ensures the correct identity

Correct Answer: C
Section:

QUESTION 55
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

Correct Answer: D
Section:

QUESTION 56
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

Correct Answer: D
Section:

QUESTION 57
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

Correct Answer: B
Section:

QUESTION 58
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

Correct Answer: C
Section:

QUESTION 59
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

Correct Answer: A
Section:

QUESTION 60
Which service should be configured to allow BIG-IP devices to be externally monitored?

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

Correct Answer: D
Section:

QUESTION 61
In which FTP mode is the serve, responsible for initiating the data correction back to the client?

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

Correct Answer: B
Section:
Explanation:
https://support.f5 com/csp/article/K08859735

QUESTION 62
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

Correct Answer: B
Section:

QUESTION 63
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

Correct Answer: C
Section:

QUESTION 64
What is used to resolve IP address to MAC address mappings?

A. DHCP
B. ARP
C. DNS
D. ICMP

Correct Answer: B
Section:
Explanation:
https://en Wikipedia.org/wiki/Address_Resolution_Protocol

QUESTION 65

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

Correct Answer: D
Section:

QUESTION 66
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

Correct Answer: D
Section:

QUESTION 67
An administrator is currently designing the IP addressing scheme for a small company. They have been asked to use the 192. 168. 100 x block of addresses with a /27 network prefix. How many networks and hosts per network will be available when using the 27-bit network prefix.

A. 255 networks each with 224 hosts

B. 30 networks each with 8 hosts

C. 8 networks each with 30 hosts

D. 27 networks each with 30 hosts

Correct Answer: C
Section:

QUESTION 68
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 The network map shows a list Virtual, Pools and iRules with the status of each.

Correct Answer: B
Section:

QUESTION 69
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

Correct Answer: C
Section:

QUESTION 70
ICMP is used by which command line tool?

A. curt

B. tcpdump

C. traceroute

D. nslookup

Correct Answer: C
Section:

QUESTION 71
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

Correct Answer: D
Section:

QUESTION 72
What does HTTP status code 500 mean?

A. Service unavailable

B. Internal server error

C. Gateway timeout

D. Had gateway

Correct Answer: B
Section:

QUESTION 73
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

Correct Answer: A
Section:

QUESTION 74
in which scenario is a full proxy TCP connection required?

A. when IP Anycastmg is enabled
B. when routing is enabled
C. when the number of TCP connections to the server must be optimized
D. when the client TCP connections options must be sent to the server

Correct Answer: C
Section:

QUESTION 75
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. Hearth checks for nodes and pool members
C. Dynamic routing protocols
D. TCP Keepalives for nodes and pool me Health checks typically will be sent via the tmm interface based on the tmm routing configuration

Correct Answer: B
Section:

QUESTION 76
A BIG IP Administrator wants to add a new VLAN (VLAN 40) to an LACP trunk (named LACP01) connected to the BIG-IP device Mufti VLANS exist on LACPO1. Which TMSH command should the BIG IP Administrator issue to add the new VLAN to the existing LACP trunk?

A. create net vlan VLAN40 (interfaces add (LACP01 {lagged)) tag 40}
B. create net vlan VLAN40 {interfaces replace-all-with {LACP01{tagged}} tag 40}
C. create net vlan VLAN40 interfaces replace all with {LACP01 {untagged)} tag 40}
D. create net vlan VLAN40 {interfaces add {LACP01 {untagged}} tag 40}

Correct Answer: B
Section:

QUESTION 77
Which protocol could be used to provide AAA Accounting?

A. karberos
B. SAML

C. DIAMETER

D. LDAP

Correct Answer: C
Section:
Explanation:
https://en.wikipedia.org/wiki/Diameter_protocol)

QUESTION 78
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

Correct Answer: B
Section:
Explanation:
https://devcentral f5.com/questions/packet-and proxy-based-56526

QUESTION 79
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

Correct Answer: A
Section:

QUESTION 80
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

Correct Answer: A, B, C
Section:

QUESTION 81
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 White the default differs from version to version, H typically allows HTTP SSH and iQuety for BIG-IP to BIG-IP communication

Correct Answer: A
Section:

QUESTION 82
Which protocol data unit (PDU) is associated with the OSI model Network layer?

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

Correct Answer: B
Section:
Explanation:
https://en.wikipedia.org/wik/Protocol_data-unit

QUESTION 83
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

Correct Answer: A
Section:

QUESTION 84
Ethernet frame FCS errors occur when which calculation fails?

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

Correct Answer: B
Section:

QUESTION 85
A company deploys F5 load balancers to manage a large number of secure applications. The company manage certificates. Which F5 provides this functionality?

A. iHealthy

B. BIG-IQ

C. GTM

D. LTM

Correct Answer: B
Section:
Explanation:
htlps //devcentral (5 com/articles/what-is-big-iq-26702

QUESTION 86
What does the 5XX group of HTTP status codes indicate?

A. Redirection

B. Successful

C. Client Error

D. Server Error

Correct Answer: D
Section:

QUESTION 87
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

Correct Answer: A, B
Section:

QUESTION 88
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

Correct Answer: A
Section:

QUESTION 89

Which command should a BIG-IP Administrator use to resolve the domain www. ABC.com?

A. grep

B. ping

C. dig

D. find

Correct Answer: C
Section:

QUESTION 90
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

Correct Answer: D
Section:

QUESTION 91
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 Corel to Branch1

D. only a route for 0. 0.0.0/0 on Branch1 to Core1

Correct Answer: A
Section:

QUESTION 92
What are two examples of network layer protocols? (Choose two)

A. ARP

B. TCP

C. IPv4

D. BGP

E. ICMP

Correct Answer: A, E
Section:

QUESTION 93

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

Correct Answer: B, D
Section:
Explanation:
https //slacksite.com/other/ftp html

QUESTION 94
A new VLAN segment has been added to the network. Only the existing connected interface may be used. What should the BIG-IP Administrator do to allow traffic to both the existing and the new VLAN?

A. configure VLAN with Link Aggregation Control Protocols (LACP)
B. configure a tagged VLAN
C. configure an untagged VLAN
D. configure VLAN to use interface with Multiple Spanning Tree Protocol (MSTP)

Correct Answer: B
Section:

QUESTION 95
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

Correct Answer: C
Section:

QUESTION 96
An administrator is updating private keys used for SSL encryption from 1024 to 2048 bits. Which possible effect should the administrator consider when performing this activity?

A. The larger Key size will increase processing requirements
B. Some hardware will NOT support the 2048 key
C. Some certificate authorities will NOT support the 2048 key
D. The larger key sire will increase private key installation complexity

Correct Answer: A
Section:
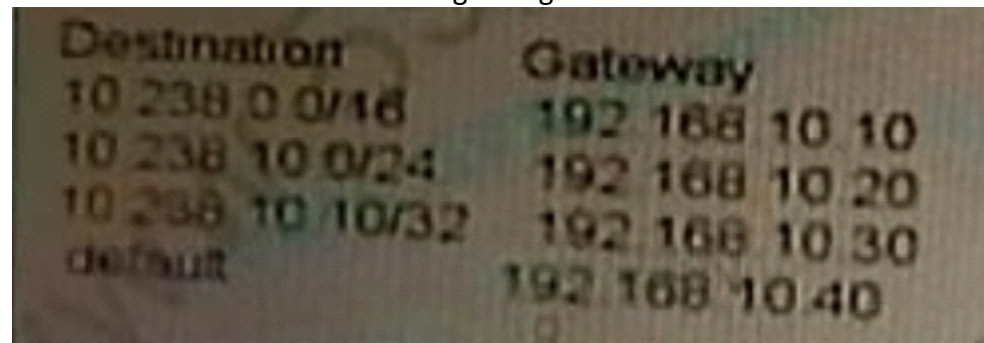
QUESTION 97

What does response code HTTP 302 represent?

A. The server encountered an unexpected condition that prevented it from Milling the request.
B. The server has not found anything matching the Request URI
C. The request has succeeded.
D. The requested resource resides temporary under a different URI

Correct Answer: D
Section:

QUESTION 98
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

Correct Answer: A
Section:

QUESTION 99
An administrator needs to do the following
* install a load balancer in front of an existing application
* test application performance
* avoid reconfiguration of the application server
* avoid interruption of users accessing the application

A. modify the test client's local host file
B. modify the DNS Server A-record for the application
C. configure IP Anycasting
D. configure Port Address Translation

Correct Answer: A
Section:

QUESTION 100
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

Correct Answer: A
Section:

QUESTION 101
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

Correct Answer: B
Section:

QUESTION 102
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 or 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 workstations 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

Correct Answer: C
Section:

QUESTION 103
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)

Correct Answer: B
Section:

QUESTION 104

Tl 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 intermedianes
D. stop the web browser from automatically downloading malware

Correct Answer: A
Section:

QUESTION 105
Which support service is required to synchrony the time stamps in system logs from these devices?

A. SNMP
B. Syslong
C. SMTP
D. DNS

Correct Answer: B
Section:

QUESTION 106
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

Correct Answer: D
Section:

QUESTION 107
which version of SNMP can AuthPriv be used?

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

Correct Answer: B
Section:

QUESTION 108
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. Micest

Correct Answer: C
Section:

QUESTION 109
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

Correct Answer: D
Section:
Explanation:
nlpq -pn will show the synchronization status of configured ntp servers

QUESTION 110
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

Correct Answer: C
Section: