

F5-Networks

Exam Questions 101

Application Delivery Fundamentals



NEW QUESTION 1

BIG-IP Administrator runs the command `ITconfig` from the BIG-IP command line and 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 Protocol is blocking 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

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

Answer: C

NEW QUESTION 4

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 5

```

01071682:5: SNMP_TRAP: Virtual /Common/GOLF-HO
01010028:3: No members available for pool /Comm
01010029:5: Clock advanced by 669 ticks
01140029:4: HA vlan_fs /Common/EXTERNAL fails a
010c0052:5: Standby for traffic group /Common/t
010c0018:5: Standby
01010029:5: Clock advanced by 652 ticks
    
```

- A) 
- B) 
- C) 

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

Answer: A

NEW QUESTION 6

An administrator needs to assess an LTM for potential configuration issues and required security updates. Which F5 website can 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 7

Where is the MAC masquerade address configured?

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

Answer: D

NEW QUESTION 8

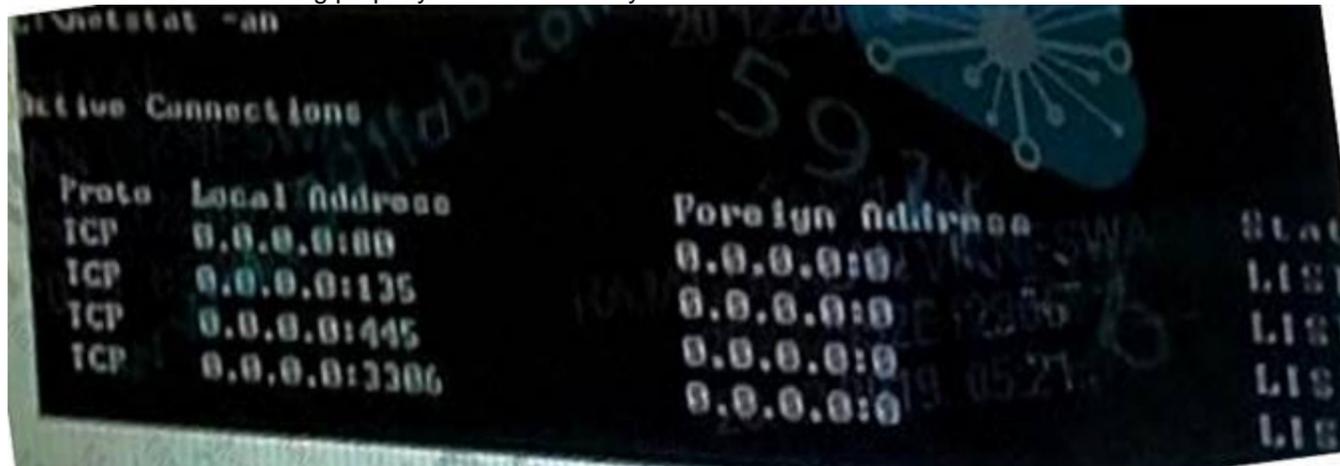
An administrator needs to allow secure access to application within the corporate data center for remote office, branch office and mobile employees. Which F5 product provides this functionality?

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

Answer: A

NEW QUESTION 9

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



- A. 0.0.0.0 is an invalid address in netstat.
- B. 0.0.0.0:80 should be in an active state
- C. The server is not listening on TCP 443
- D. The server is not listening on UDP 80

Answer: C

NEW QUESTION 10

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

Answer: A

NEW QUESTION 10

The HTTP 1.1 standard is being used as part of communication to a server. The client fails to maintain the session within the maximum timeout defined by the server. Which device is responsible for ending the HTTP session?

- A. the load balancer
- B. the server
- C. the default gateway of the load balancer

D. the client

Answer: C

NEW QUESTION 13

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

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

Answer: D

NEW QUESTION 16

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. lcpdurnp - 0:0 host 192. 168. 10. 100 and port 25
- D. telnet 192. 168. 10. 100. 143

Answer: C

NEW QUESTION 18

Which function does the Presentation Layer provide?

- A. translation and encryption
- B. transmission over a medium
- C. internetworking capabilities
- D. access to available resources

Answer: A

NEW QUESTION 22

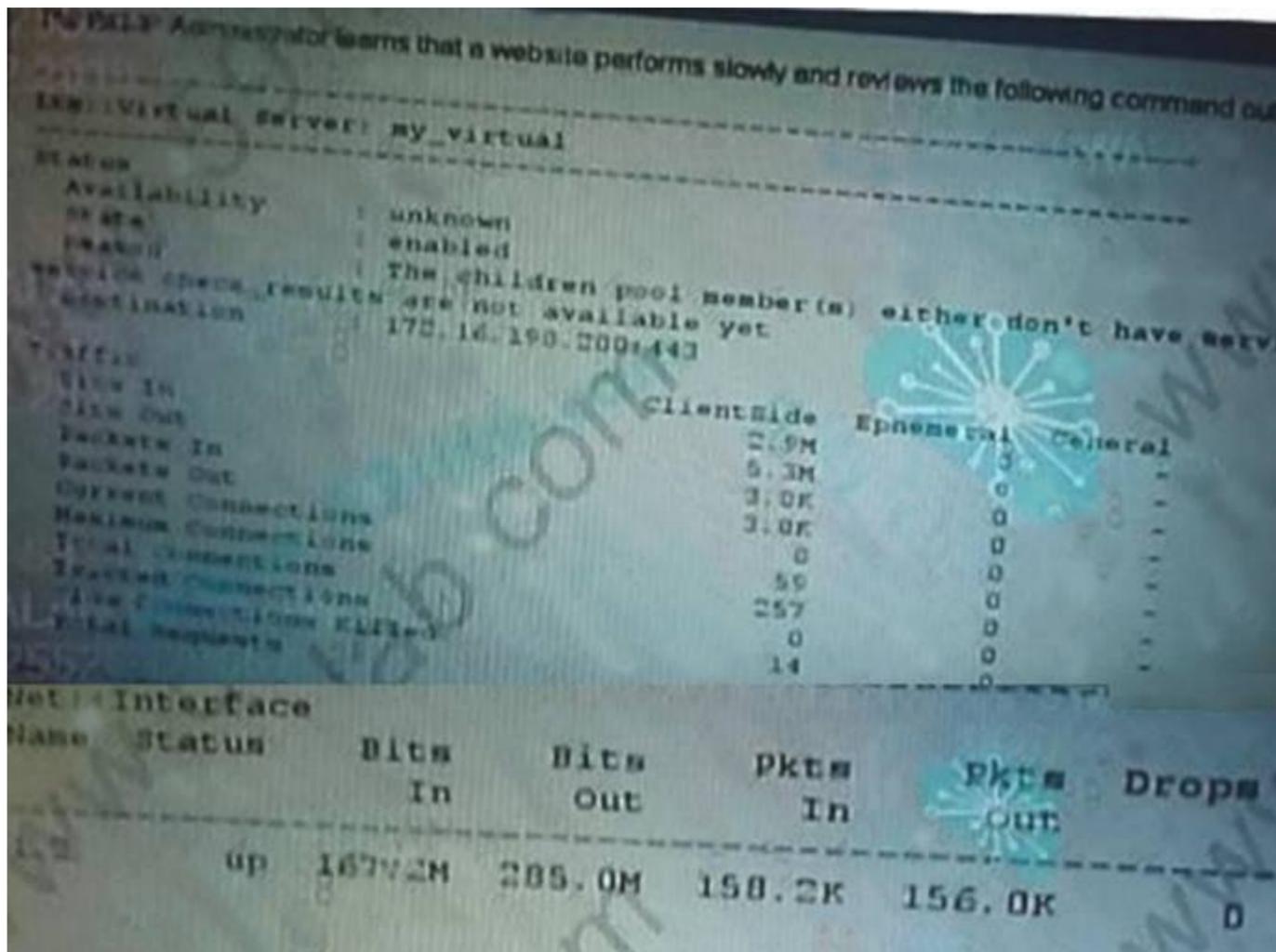
Which IP subnet mask can be used to send traffic to all network nodes?

- A. 192 168.0. 255/23
- B. 192. 168. 1. 11/31
- C. 172. 16. 1255/22
- D. 192. 168. 0. 11/30

Answer: D

NEW QUESTION 23

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 27

Which protocol is used for control and session establishment for streaming media?

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

Answer: D

Explanation:

Reference: <https://stackoverflow.com/questions/4303439/what-is-the-difference-between-rtp-or-rtst-in-streaming-server>

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 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

Answer: D

Explanation:

http://support.f5.com/kb/en-us/products/big_ip_ltm/manuals/product/lrm-concepts-1-1-2-1/lrm_persist_files.html

NEW QUESTION 39

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 44

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 49

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)

Answer: B

NEW QUESTION 52

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 53

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 58

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 62

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 > traffic-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 65

An administrator suspects that a BIG IP appliance is experiencing performance issue due to spikes in CPU usage checks the performance issues does to spikes in CPU usage checks the performance report in the BIG-IP UI on CPU spikes are evident in the graphs. Which section in the BIG IP UI can the administrator check to troubleshoot the issue further?

- A. Statistics > Utilization
- B. System . Utilization
- C. Statics > Dashboard
- D. System > Services

Answer: C

NEW QUESTION 68

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 01 and an IP address or 192. 168. 0. 1
- * An internal web server has a MAC address of 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 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 69

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

Answer: A

NEW QUESTION 71

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

Answer: B

Explanation:

<https://support.f5.com/csp/article/K08859735>

NEW QUESTION 74

Exhibit.



the Web application Server made a query to the Database to present dynamic content for a user who would be the client?

- A. The User
- B. The Big-IP
- C. The Database
- D. The Web application server

Answer: D

NEW QUESTION 75

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

Answer: B

NEW QUESTION 78

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

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

Answer: B

NEW QUESTION 83

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 88

An IPv4 client tries to access to <http://www.myserver.com>
Which type of DNS request should the client send to its configured DNS server?

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

Answer: B

NEW QUESTION 91

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 95

A load balancer receives a TCP SYN packet from a client and immediately sends the packet on to a server. This is an example of which type of solution?

- A. packet forwarding architecture
- B. Full proxy architecture
- C. TCP compression
- D. TCP optimization

Answer: A

NEW QUESTION 96

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 97

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

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

Answer: C

NEW QUESTION 101

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 105

There is no SFP plugged into the port.

Port	Status	Bits In	Bits Out	Pkts In	Pkts Out	Drops	Errs	Media
1.1	up	10,80	110,0M	90,0M	220,5K	22,0M	0	1000T-FD
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	no link	0	0	0	0	0	0	none
2.2	no link	0	0	0	0	0	0	none
2.3	no link	0	0	0	0	0	0	none
2.4	no link	0	0	0	0	0	0	none
upst	up	620,20	42,40	341,0M	20,2M	0	0	none

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

There is no SFP plugged into the port.

NEW QUESTION 109

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 110

An administrator wants to insert per-session data in a users browser so that user requests are directed to Which session persistence method should the administrator use?

the same session

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

Answer: D

Explanation:

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

NEW QUESTION 113

A certificate chain can be used for which purpose?

- A. Creating anonymous connections on the internet
- B. anchoring the geographic location of a client or server
- C. Ensuring multiple layers of decryption and encryption
- D. Determining a client or server should be trusted

Answer: D

NEW QUESTION 117

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 122

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

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

Answer: A

Explanation:

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

NEW QUESTION 126

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 131

A user wishes to retrieve a file from an FTP server. What is the minimum number of TCP connections required to perform this action?

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

Answer: D

NEW QUESTION 134

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

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

Answer: B

Explanation:

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

NEW QUESTION 137

An administrator is designing a remote host connection using an ICMP based network troubleshooting utility and receive an ICMP error diagram with the following error code.

* 11. Times exceeded What does this mean?

- A. A faulty router on the network is unable to process the packet in a timely manner
- B. A switch on the network the frame due to an incorrect checksum
- C. The TTL field of the IP header was set to 255. and this was consequently dropped by a router
- D. The TTL field of the IP header was decremented to 0. and this was consequently dropped by a router

Answer: D

NEW QUESTION 139

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

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

Answer: B

NEW QUESTION 144

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

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

Answer: A

NEW QUESTION 149

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

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

Answer: CD

NEW QUESTION 153

An administrator encounters an error while working on a BIG-IP device and contacts F5 Support to open a case. While opening the case Support of the administrator that a BIG-IP version update is required.

Which F5 Support policy requires the administrator to upgrade the BIG-IP version.

- A. End of Software Support
- B. End of Support Contact Renewal
- C. End of Technical Support
- D. End of Return to Manufacturing

Answer: A

NEW QUESTION 158

During a TCP three-way handshake, which packet indicates the server's maximum segment size (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 160

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 163

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

Answer: B

Explanation:

<https://devcentral.f5.com/articles/what-is-big-iq-26702>

NEW QUESTION 168

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

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

Answer: D

NEW QUESTION 173

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 176

Which protocol emphasizes reduced latency over reliability?

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

Answer: B

NEW QUESTION 177

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 180

In 2001 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 182

A BIG-IP Administrator needs a solution to tunnel traffic and transmit encrypted connections over the Internet using only a standard browser and common ports and protocols. Which solution should the administrator select?

- A. GRE Tunnel
- B. IPsec VPN
- C. SSH Tunnel
- D. SSL VPN

Answer: D

Explanation:

This is APMs use of the netscape plugin api (NPAPI) that most browsers have deprecated at this point.

NEW QUESTION 183

A user is trying to access a website using the URL https://1.1.1.1/ The website fails to load. The user can access other websites. Given the packet capture above, what is the most likely issue?



- A. The remote server is not responding because it is down
- B. The client machine is not connected to the internet
- C. The client machine's DNS is configured incorrectly
- D. The remote server is actively rejecting the connection

Answer: D

NEW QUESTION 185

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 187

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

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

Answer: C

NEW QUESTION 189

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

Answer: C

NEW QUESTION 192

A BIG IP Administrator needs to create a virtual server for a new secure end-to-end web application. After change in configuration the virtual server .3 still marked down. The configuration of the virtual server and the pool member are correct. A quick server shows the status.



To fix the issue, what should the BIG-IP Administrator inform the web server administrator to do?

- A. change web server configuration to use SSL/TLS
- B. reboot the server

- C. restart the web service
- D. change web server configuration to use SSH/SCP

Answer: A

Explanation:

If the application needs to be secure 'end-to-end' the web server needs to use SSL as well. Most web servers will not require HTTP requests when configured with HTTPS, so the monitor is failing.

NEW QUESTION 194

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 195

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 198

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 200

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

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

Answer: A

NEW QUESTION 203

Which protocol could be used to provide AAA Accounting?

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

Answer: C

Explanation:

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

NEW QUESTION 206

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

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

Answer: C

Explanation:

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

NEW QUESTION 209

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

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

Answer: C

NEW QUESTION 211

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

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

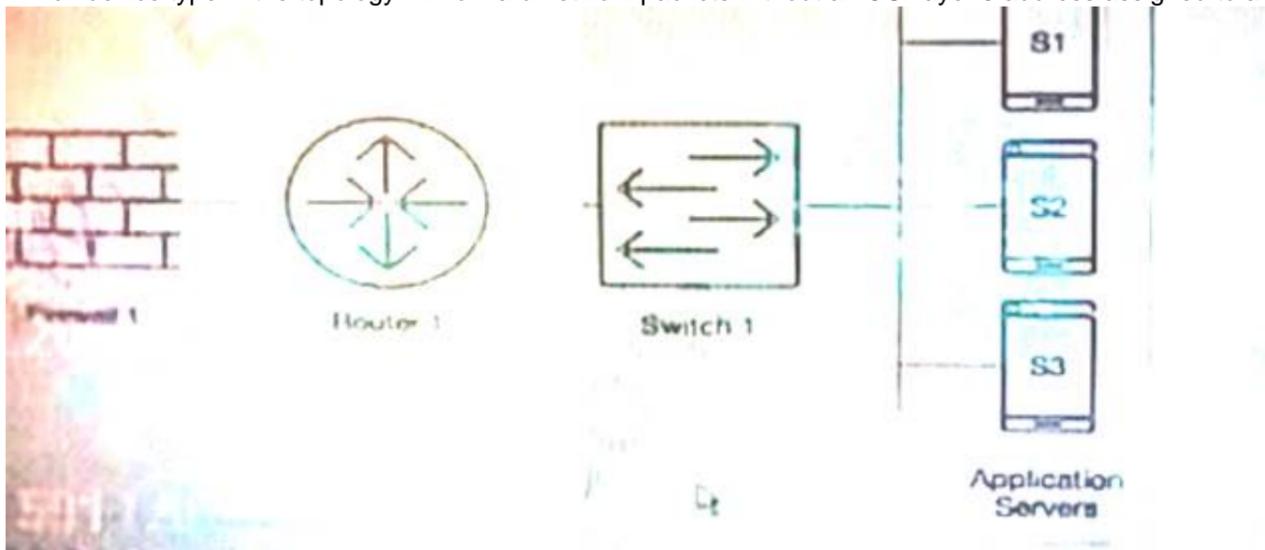
Answer: B

Explanation:

https://enWikipedia.org/wiki/Address_Resolution_Protocol

NEW QUESTION 216

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 220

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 222

A BIG-IP Administrator reviews the Virtual Server configuration and sees the object status represented by a blue square for 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 225

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

- A. Session Tickets
- B. OCSP Staping

- C. Server Name indication
- D. Certificate Status Request

Answer: C

NEW QUESTION 229

Cryptographic hash functions can be used to provide which service?

- A. data modification
- B. data encryption
- C. data validation
- D. data decryption

Answer: C

Explanation:

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

NEW QUESTION 234

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 VLANs exist on LACP01. Which TMSH command should the BIGIP Administrator issue to add the new VLAN to the existing LACP trunk?

- A. create net vlan VLAN40 {interfaces add (LACP01 {tagged}) 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}

Answer: B

NEW QUESTION 235

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 238

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

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

Answer: AE

NEW QUESTION 240

An administrator needs to deploy a VPN 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 244

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

Answer: C

NEW QUESTION 245

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 249

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>

NEW QUESTION 252

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 254

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