

# **F5-Networks**

## **Exam Questions 101**

Application Delivery Fundamentals



#### NEW QUESTION 1

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

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

**Answer:** A

#### NEW QUESTION 2

A client receives all of the expected data from a server and sends a FIN packet signaling the end of communication. What will the server do when it receives the FIN Packet from the client?

- A. send a SYN packet
- B. send an RST packet
- C. Send both FIN and RST packets
- D. send an ACK Packet

**Answer:** D

#### Explanation:

<https://www.geeksforgeeks.org/computer-networ-tcp-connection-termination/>

#### 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

What does HTTP status code 500 mean?

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

**Answer:** B

#### NEW QUESTION 5

- 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

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 state
- C. The server is not listening on TCP 443
- D. The server is not listening on UDP 80

**Answer:** C

#### NEW QUESTION 8

Which OSI layer provides reliable transmission of frames between adjacent nodes and is built on top of the provides reliable transmission of frames adjacent nodes and is built on top of the Physical layer?

- A. Data link
- B. Transport
- C. Network
- D. Application

**Answer:** A

#### NEW QUESTION 9

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 10

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 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 11**

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

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

**Answer: A**

**NEW QUESTION 14**

What should the administrator investigate first to address this traffic slowness

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

**Answer: C**

**NEW QUESTION 17**

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

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

**Answer: C**

**NEW QUESTION 22**

An administrator takes a capture of five Traffic using tcpdump. The administrator notices that different ephemeral port numbers are architecture does this indicate?

- A. packet-based architecture
- B. full proxy architecture
- C. hub and spoke architecture
- D. ring network architecture

**Answer: B**

**NEW QUESTION 25**

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 30

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](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 35

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 40

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 42

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

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

**Answer:** D

#### NEW QUESTION 45

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 46

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 49**

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 52**

which version of SNMP can AuthPriv be used?

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

**Answer: B**

**NEW QUESTION 56**

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

Who is considered the server in this communication?

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

**Answer: C**

**NEW QUESTION 60**

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

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

**Answer: A**

**NEW QUESTION 64**

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 67**

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 68**

An administrator needs to restore the BIG-IP configuration from a UCS file In which section in the BIG IP Configuration utility is this task performed?

- A. System > Archives
- B. System > Services > Backup
- C. System > Backup
- D. System > File Management

**Answer:** A

**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 70**

in which scenario is a full proxy TCP connection required?

- A. when SSL offloading is used
- B. when Traffic is routed
- C. when administrators manage the servers directly
- D. when 3 server responds directly to the client

**Answer:** A

**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**

A BIG IP Administrator wants to add a new VLAN (VLAN 40) to an LACP trunk (named LACP01) connected to the BIG IP device, Multiple other VLANs exist on LACP01. Which TMSH command should the BIG IP Administrator issue to add the new VLAN to the existing LAC?

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- A. create net vlan VIAN40 (interfaces replace all with {LACP01 (untagged) } } lag 40 )

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

**Answer:** B

**Explanation:**

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

**NEW QUESTION 91**

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 94**

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 99**

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 100**

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 192.168.0.0/24 from Core1 to Branch1
- D. only a route for 0.0.0.0/0 on Branch1 to Core1

**Answer:** A

**NEW 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)

**Answer:** B

**NEW QUESTION 107**

There is no SFP plugged into the port.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

There is no SFP plugged into the port.

**NEW QUESTION 108**

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 112**

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 113**

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 116**

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 to 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

**Answer:** D

**Explanation:**

The ltmcache profile is a memory cache of data from pool members

**NEW QUESTION 120**

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

**Answer:** A

**NEW QUESTION 124**

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 127**

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 131**

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 134**

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 136**

An administrator points the browser at <http://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 139**

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 143**

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

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

**Answer:** B

**Explanation:**

berkeley internet name daemon (DNS) bigd is the health checking daemon

**NEW QUESTION 148**

Which of the following is a valid IP address and prefix length?

- A. 192.168.:0 177/25
- B. 192.168:0. 129/25
- C. 192.168:0 128/25

D. 192.168.0.255/25

**Answer: B**

**NEW QUESTION 150**

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 152**

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

- A. iHealth
- B. BIG-IP
- C. GTM
- D. LTM

**Answer: B**

**Explanation:**

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

**NEW QUESTION 154**

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

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

**Answer: D**

**NEW QUESTION 156**

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

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

**Answer: A**

**Explanation:**

[https://en.wikipedia.org/wiki/Real-Time\\_Streaming\\_Protocol](https://en.wikipedia.org/wiki/Real-Time_Streaming_Protocol)

**NEW QUESTION 161**

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 163**

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 168**

The BIG-IP device has the status of interface 2.1 as DOWN. The BIG-IP Administrator. What is the likely reason for the status of the interface to be DOWN?

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

**Answer: C**

**NEW QUESTION 170**

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 server and BIG-IP device to communicate properly?

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

**Answer: C**

**NEW QUESTION 172**

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

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

**Answer: B**

**Explanation:**

Although it appears telnet is configured in this example (!) it is listening on all IP addresses of the system while ssh (port 22) is only on the 10.1.10.46 address.

**NEW QUESTION 174**

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

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

**Answer: A**

**Explanation:**

[https://en.wikipedia.org/wiki/Logical\\_link\\_control](https://en.wikipedia.org/wiki/Logical_link_control)

**NEW QUESTION 176**

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 179**

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 182**

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 184**

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 186**

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 190**

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 192**

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

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

**Answer: D**

**NEW QUESTION 197**

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 198**

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. ifconfig

**Answer:** C

**NEW QUESTION 201**

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)

**Answer:** D

**Explanation:**

<https://support.f5.com/csp/article/K9573>

**NEW QUESTION 202**

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

**Answer:** C

**NEW QUESTION 204**

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

**NEW QUESTION 208**

An administrator needs to lower the amount of new TCP connections to help with network congestion? 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**

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 215**

An application has a mix of both short and long lived connections. Which algorithm would provide an even distribution of all connections across the pool?

- A. Priority group activate
- B. Least connections
- C. Static ration
- D. Round robin

**Answer: B**

**NEW QUESTION 220**

What does response code HTTP 302 represent?

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

**Answer: D**

**NEW QUESTION 222**

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

- A. Health 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 224**

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

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

**Answer: D**

**Explanation:**

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

**NEW QUESTION 227**

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

- A. iControl
- B. (Rules
- C. IApps
- D. (Health

**Answer: B**

**NEW QUESTION 228**

An administrator receives an error message when attempting to create a self-IP address on a BIG-IP appliance. Which address should the administrator use to resolve the issue?

- A. 2001 0db8.85a3 0000 0000 8a2e 0370 7334
- B. 2001:db8:85a3 Bd3.Ba2e.370 7334
- C. 2001:0db8:85i3:0000:0000: : 8a2i:0370:7334

**Answer:** A

#### **NEW QUESTION 231**

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

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

**Answer:** D

#### **Explanation:**

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

#### **NEW QUESTION 236**

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 {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}

**Answer:** B

#### **NEW QUESTION 238**

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 241**

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

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

**Answer:** B

#### **NEW QUESTION 244**

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

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

**Answer:** D

#### **NEW QUESTION 249**

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 254**

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 259**

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 size will increase private key installation complexity

**Answer:** A

**NEW QUESTION 263**

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

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

**Answer:** B

**NEW QUESTION 265**

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