F5-Networks

Exam Questions 101

Application Delivery Fundamentals

NEW QUESTION 1
BIG-IP Administrator runs the command ITconfig from the BIG-IP command the line end sees a high number of collisions. What is the likely cause?

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

Answer: D

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

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

Answer: D

NEW QUESTION 3
in which scenario is a full proxy required?

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

Answer: A

Explanation:
Reference https //devcentral.f5.com/articles/three-things-your-proxy-cart-do-unless-its-a-full-proxy

NEW QUESTION 4
An administrator needs to assess an LTM for potential configuration issues and required security updates. Which F5 website con automate this task?

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

Answer: B

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

NEW QUESTION 5
HTTPs traffic is not working properly. What is the likely reason for the issue?
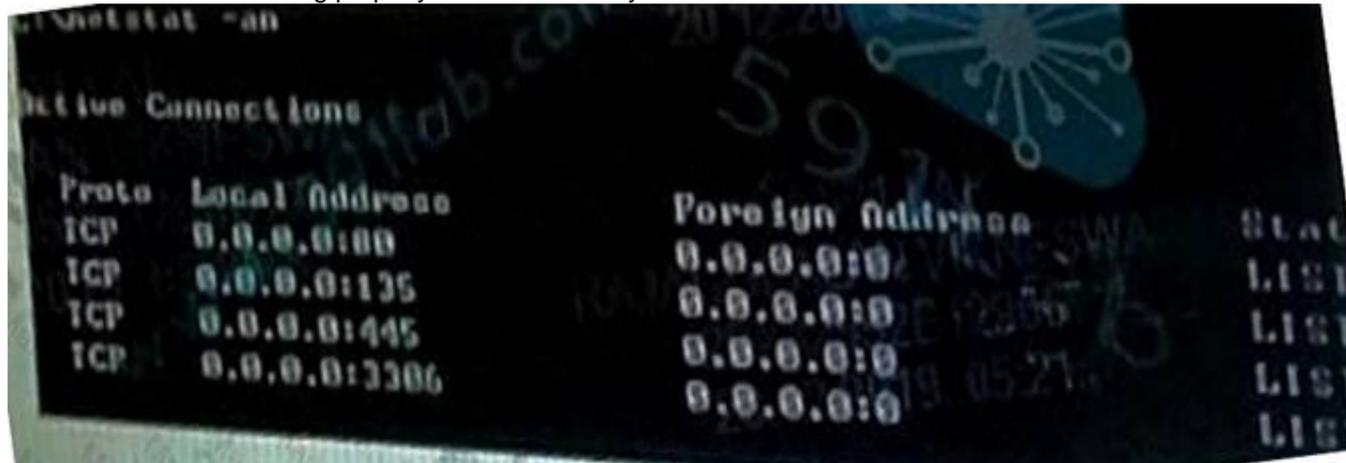
A. 0. 0 0.0 0 is an invalid address in netstat.
B. 0. 0. 0. 0.0 80 should be in an active stale
C. The server is not listening on TCP 443
D. The server is not listening on UDP 80

Answer: C

NEW QUESTION 6
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 7
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 8
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 9
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 10
End users report widespread issues accessing multiple network resources
What tool should the BIG IP Administrator use to view the status of all virtual servers and associated resources in one place?

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

**Answer:** B

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

NEW QUESTION 10
What is the correct procedure to comply with the recommendation?
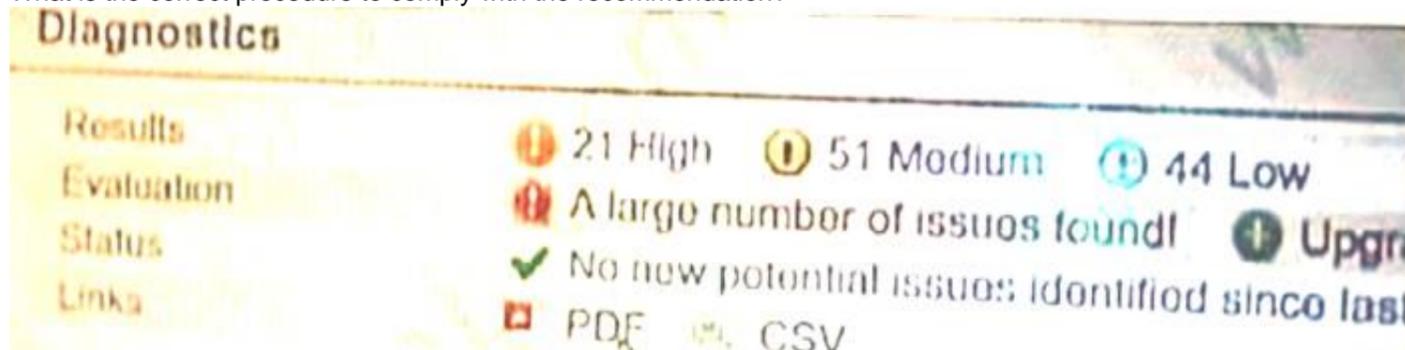
A. Download the product version image from ihealth f5 com
B. Download the product version image from support 6 com
C. Download the product version image from dovcentral f5.com
D. Download the product version image from downloads f5.com

Answer: D

NEW QUESTION 11
Which command should a BIG-IP Administrator use to resolve the domain www. F5.com?

A. grep
B. ping
C. dig
D. find

Answer: C

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

Answer: C

NEW 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

Answer: C

NEW QUESTION 19
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/ltm-concepts-1-1-2- 1/ltm_persist_files.html

NEW QUESTION 22
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 26
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

Answer: B

NEW QUESTION 28
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 33
What are the two primary functions of the OSI 7-layer model? (Choose two)

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

Answer: AE

NEW QUESTION 35
BIG-IP ASM is requesting automatic signature updates from the F5 update service
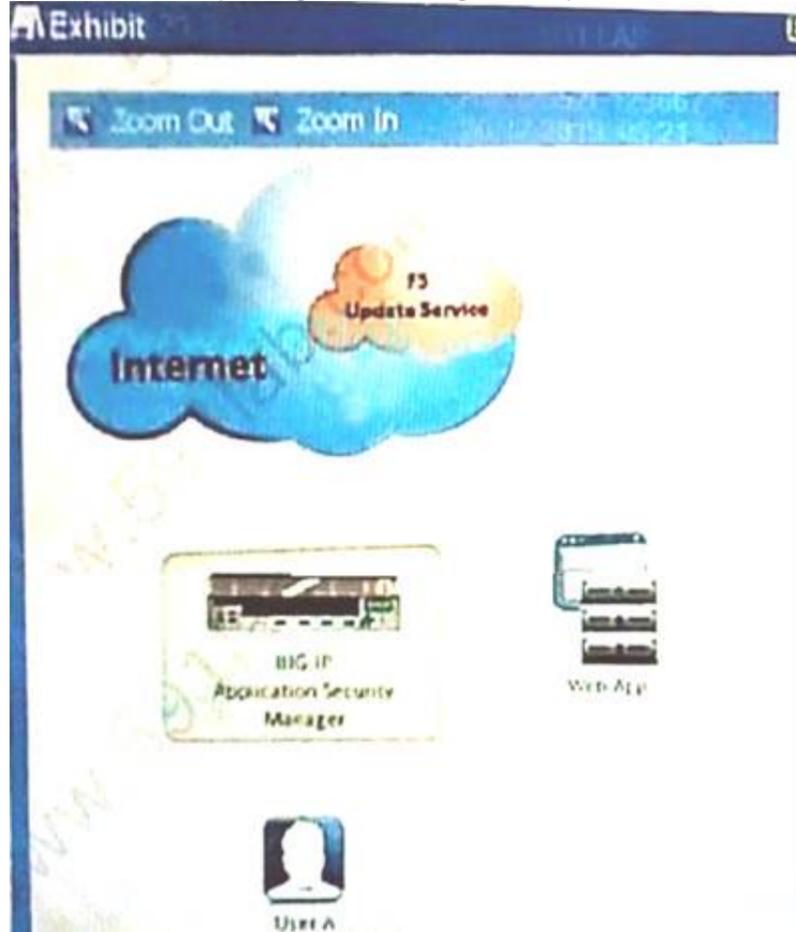
Who is considered the server in this communication?

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

Answer: C

NEW QUESTION 39
10:20: 37 .00749:IP 199.16.255.254.36664>10.0.1.10 http : flags (s) seq 700424862, Win 29200
A website is fronted by a toad balancer that implements a full proxy architecture with SNAT enabled Behind the load balancer there are bro nodes Node 1 and node2
She administrator is debugging an issue on node 1 using icpdump and records the above out about a received packet o watch device does the IP address 192 168 265 254" belong?

A. node2
B. node 1
C. load balancer
D. web Client

Answer: C

NEW QUESTION 41
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

Answer: C

NEW QUESTION 46
An administrator suspects that a BIG IP appliance is experiencing performing 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 49
An administrator configures a default gateway for the host. What is the purpose of a default gateway?

A. to replace the destination IP address with the default gateway
B. to pass all traffic to the default gateway
C. to forward packets to remote networks
D. to populate the ARP table

Answer: C

NEW QUESTION 51
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 53
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 lo the existing LAC?
A BIG IP Administrator wants to add a new VLAN (VLAN 40) to an LACP trunk (named IACP01) 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?

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 57
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 59
A BIO IP Administrator is troubleshooting a slow web application. A packet capture shows that some of the packets coming from a window size of zero A packet capture shows that som a window size of zero
What does this mean?

A. The client is trying to close the TCP connection
B. The server is trying to close the TCP connection
C. The server is temporary unable to receive any more data
D. The client is temporarily unable to receive any more data

Answer: C

NEW QUESTION 63
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 66
A user wishes to retries a file from an FTP server
minimum of how many TCP connections are required to perform this action?

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

Answer: D

NEW QUESTION 70
Which HTTP response code indicates an OK status?

A. 302
B. 404
C. 200
D. 100

Answer: C

NEW QUESTION 75
During a TCP three-way handshake, which packet indicates the serves maximum segment (MSS)?

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

Answer: C

NEW QUESTION 77
A company deploys F5 load balancers to manage number of secure applications. The company needs to centrally manage certificates.
Which F5 product provides this functionality?

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

Answer: A

NEW QUESTION 82
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 86
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 90
What does the 5XX group of HTTP status codes indicate?

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

Answer: D

NEW QUESTION 92
A server is operating on the network 10.100/24. The BIG-IP device is operating on the 192.168.0.0/24 net. What is required to enable the several and BIG-IP device to communicate properly?

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

Answer: C

NEW QUESTION 97
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

Answer: A

Explanation:
hltps://en wikipedia org/wiki/Logical_link_control

NEW QUESTION 102
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 104
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 106
The 2001:db8: : IP6 address block is allocated to a load balancer for use as virtual server addresses. The address block is routed to a balancer self IP address using a static route. What is the correct representation for the last address in the address block that a virtual server can use?

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

Answer: C

NEW QUESTION 109
Which two OSI layers map lo IP subnetting and TCP window sizing functions? (Choose two)

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

Answer: D

NEW QUESTION 113
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 116
Pool A has three members. Why is the pool up?

A. Heaton monitoring is enabled on only one member
B. One member has a successful health monitor
C. Member status is determined by volume of traffic
D. There is no health monitoring

Answer: B

NEW QUESTION 121
How does file caching affect the web application?

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

Answer: A

NEW QUESTION 122
Which device type in the topology will forward network packets without an OSI layer 3 address assigned to a data plane interface?
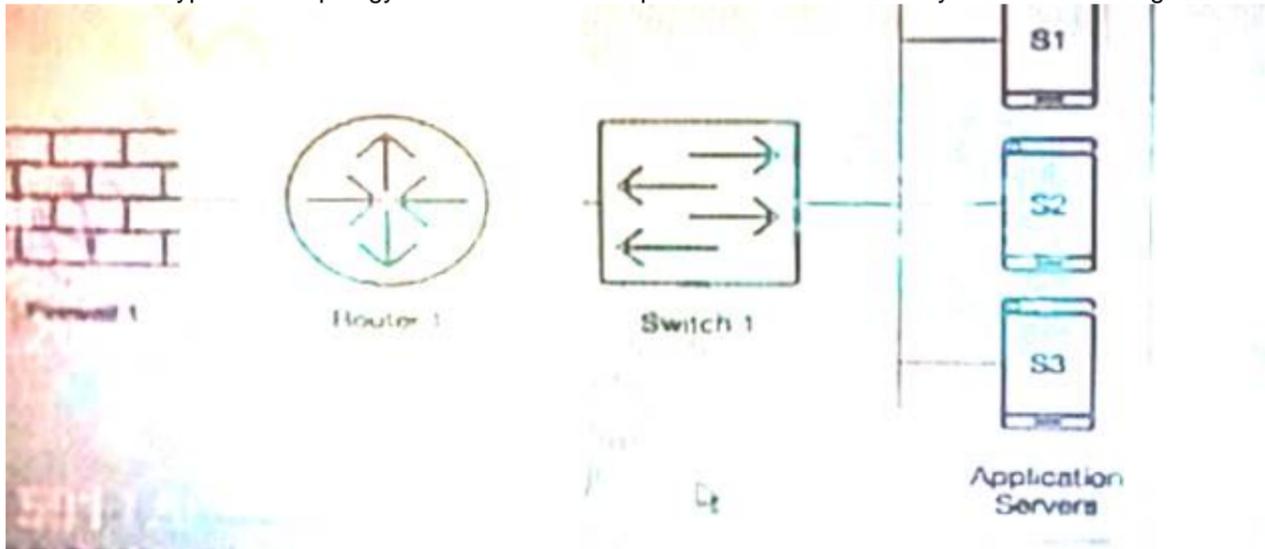
A. Router
B. Firewall
C. Application Server
D. Switch

Answer: D

NEW QUESTION 127
Which two functions of AAA does Security Assertion Markup Language (SAML) identity Provider (IdP) offer (Choose two)?

A. measure usage
B. provide authentication
C. provide availability
D. provide session auditing
E. filter access

Answer: BD

NEW QUESTION 129
What is a primary benefit of employing a load balancer to manage traffic for an application?

A. It reduces the number of client connections
B. It provides a more uniform client experience
C. It allows easy scaling up of the application
D. It Reduces dropped connections

Answer: C

NEW QUESTION 134
Which TransportLayer 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

Answer: C

NEW QUESTION 137
A BIG IP Administrator need to perform a packet capture and identify the source IP that is connecting to the Virtual Server.
Which utility should the administrator use on the BIG IP device?

A. leinel
B. traceroute
C. ping
D. tcpdump

Answer: D

NEW QUESTION 140
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

Answer: D

NEW QUESTION 142
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 143
If a workstation is configured with an address of 224 0.0.1 which functionality will it allow?

A. loopback to itself
B. broadcasting to the local subnet
C. multicasting to the local subnet
D. automatic private IP addressing

Answer: C

Explanation:
https://en wikipedia org/wiki/Multicast_address

NEW QUESTION 145
......

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questons and Answers in PDF Format

101 Practice Exam Features:

* 101 Questions and Answers Updated Frequently

* 101 Practice Questions Verified by Expert Senior Certified Staff

* 101 Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* 101 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click

Order The 101 Practice Test Here