101 Dumps

Application Delivery Fundamentals

https://www.certleader.com/101-dumps.html

NEW QUESTION 1
TI 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

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-networr-tcp-connection-termination/

NEW QUESTION 3
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 4
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 5
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 6
Which HTTP response code is returned when a web server requires authentication to access a resource?

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

Answer: B

NEW QUESTION 7
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 8
An administrator finds a new vulnerability in a web application and needs to rapidly mitigate the threat. Which F5 feature provides this functionality?

A. iCall
B. iRules
C. iSession
D. iControl

Answer: B

NEW QUESTION 9
An administrator lakes 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 10
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 10
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 11
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 14
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 16
Ethernet frame FCS errors occur when which calculation fails?

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

Answer: B

NEW QUESTION 18
In wh.ch layer of the OSI model is the data transported in the form of a packet?

A. Transport
B. Session
C. Network
D. Presentation

Answer: C

NEW QUESTION 22

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

Answer: C

NEW QUESTION 23

A user fails to provide credentials when requesting a web resource that requires authentication. Which HTTP response code does the server send?

A. HTTP 200
B. HTTP 302
C. HTTP 401
D. HTTP 502

Answer: C

Explanation:
https://httpstatuses.com/401

NEW QUESTION 28

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 32

Which techology can be used on a BIG-IP device to accelerate the delivery of the same content to multiple user?

A. persistence
B. SSL offloading
C. Compression
D. caching

Answer: D

NEW QUESTION 35

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 40

An administrator security policy defines allowed URLs, file types and parameter values Which security model is the administrator using?

A. negative security model
B. Closed security model
C. positive Security model
D. ACL Security model

Answer: C

Explanation:
https //www owasp.org/index.php/Positive_security_model

NEW QUESTION 45
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 49
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 52
An administrator needs to selectively compress HTTP traffic based on geographical location Which FS Feature should the administrator use?

A. One Connect
B. iRules
C. SPDY profile
D. iSessions

Answer: B

NEW QUESTION 54
An organization needs to protect its data center from layer three-based and layer four-based exploits. Which F5 product provides this functionality

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

Answer: A

Explanation:
https://www.f5.com/producrs/security/advanced-firewall-manager

NEW QUESTION 55
A BIG-IP Administrator needs to create a route to send traffic destined to 10.1.1 1 to another router with an address of 192 168 1 1 Which TMSH command should the administrator use?

A. create/net route 10. 11. 1/32 gw 192 168. 1. 1
B. create met route 192 168. 1. 1/32 gw 10. 11. 1
C. add met route 192. 168. 1. 1/32 gw 10. 1. 1. 1
D. add inet route 10.11.1/32 gw 192. 168.1.1

Answer: A

NEW QUESTION 60
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 65
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 66
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 70
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

Answer: D

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

NEW QUESTION 73
An administrator needs to prepare change control documents for operations staff To reduce possible errors the administrator killed number of default configuration options is choose from. 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 76
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 78
in which scenario is a full proxy TCP connection required?

A. when compression is actuated
B. When Source NAT configured
C. when a virtual server is configured
D. When Source IP persistence is required

Answer: A

Explanation:
https//devcentral f5 com/articles/the-full-proxy-data-center-architecture

NEW QUESTION 82
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 85
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 89
Which HTTP response code indicates an OK status?

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

Answer: C

NEW QUESTION 93
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
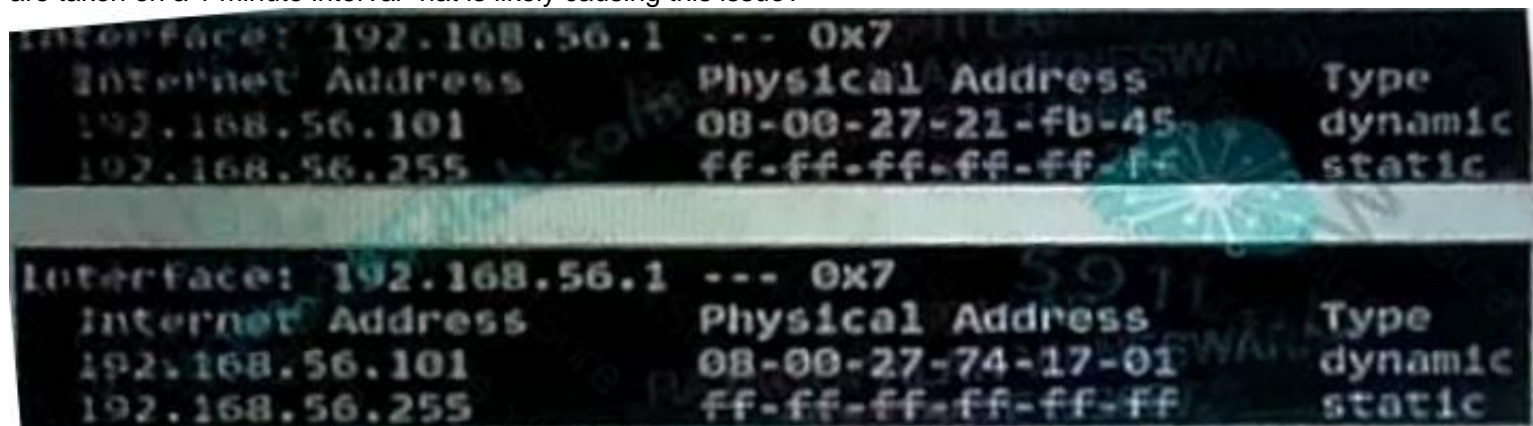B. GTW
C. iHeath
D. LTM

Answer: A

NEW QUESTION 95
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 98
An administrator is having a connectivity issue with a server in the same network. Upon checking with the command arp -a on a Windows machine, the two outputs are taken on a 1 minute interval "hat is likely causing this issue?

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

Answer: D

NEW QUESTION 100
What does the 5XX group of HTTP status codes indicate?

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

Answer: D

NEW QUESTION 105
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 106
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 111
A BIG-IP Administrator has a cluster of devices.
What should the administrator do after creating a new Virtual Server on device 1?

A. synchronize the settings of device 1 to the group
B. create a new cluster on device 1
C. create the new virtual server on device 2
D. synchronize the settings of the group to device 1

Answer: A

NEW QUESTION 112
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 117
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 securit
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 securit
F. and the denial of service signatures have not been updated

Answer: C

NEW QUESTION 122
In a fully proxy architecture, what is considered the client in the server-side communications

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

Answer: A

NEW QUESTION 127
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 129
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

Answer: C

NEW QUESTION 133
AD VLAN must be created with an 802.19 tag of 705 on interface 11. What is the proper TSH command to create this new VLAN on the BIG-IP?

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

Answer: A

NEW QUESTION 137
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 138
Which protocol data unit (POU) is associated with the OSI model's Network layer

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

Answer: B

NEW QUESTION 140
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 142
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 144
Which device group type allows a BIG IP system to automatically become active in the event that the current active system fails?

A. Sync-active
B. sync-failover
C. sync-standby
D. sync-only

Answer: B

Explanation:
The sync-failover group allows for failover of a traffic group. The sycn-only will synchronize ASM profiles and some other device information but does not deal with traffic groups

NEW QUESTION 146
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 148
At which layer of the OSJ model does the DNS resolution process occur?

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

Answer: A

NEW QUESTION 149
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 153
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 155
in which scenario is a full proxy TCP connection required?

A. when SIP UP P load balancing is defined
B. when DNS load balancing is configured
C. when compression is enabled
D. when layer 3 load balancing is configured

Answer: C

NEW QUESTION 157
A BIG-IP Administrator needs to open a case with F5 Support for a specific issue with an existing HA pair of BIG-IP platform. What should be uploaded to iHealth prior to opening the case to expedite processing of the support case?

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

Answer: D

NEW QUESTION 162
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 165
In which scenario is a packet forwarding architecture required?

A. when HTTP header must be modified
B. when cookie persistency is demanded
C. when the server responds directly to the client
D. when the number of TCP connections on the server should be reduced

Answer: C

NEW QUESTION 167
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
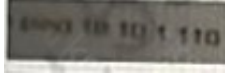D. The larger key sire will increase private key installation complexity
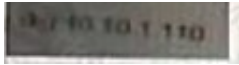
Answer: A

NEW QUESTION 168
Web application http://www example.com at 10.10.1.1.10 is unresponsive.
A recent change installed new firewalls in the network. Which command should be used to locate where data loss has occurred within the network?
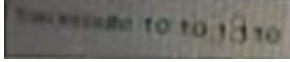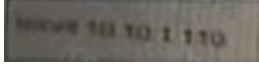A)

B)

C)

D)

A. Option A
B. Option B
C. Option C
D. Option D

Answer: C

Explanation:
Traceroute attempts to send ICMP-packets that expire further down the network and determine if a network device is responding or allowing traffic through.

NEW QUESTION 170
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