

F5 Networks 101

Application Delivery Fundamentals

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Question: 1

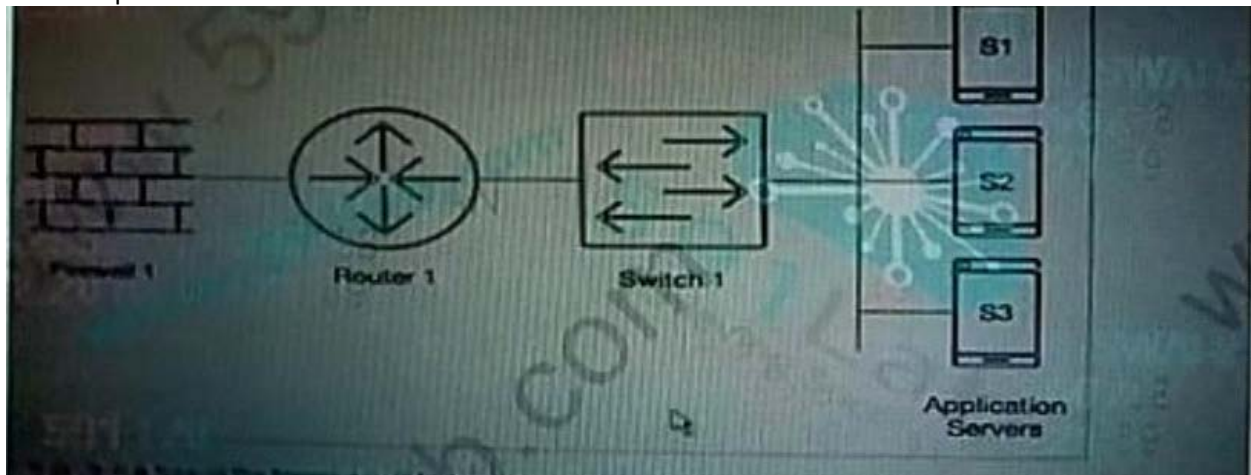
A BIO IP Administrator is troubleshooting a slow web application. A packet capture shows that some of the packets coming from a window size of zero. A packet capture shows that some a window size of zero. What does this mean?

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

Answer: C

Question: 2

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

Question: 3

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

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

Answer: A

<https://devcentral.f5.com/articles/the-tNg-ip-gtm-configuring-dnssec>

Question: 4

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

Question: 5

Which three security controls are used in an SSL transaction? (Choose three.)

- A. symmetric encryption
- B. network admission controls
- C. asymmetric encryption
- D. digital certificates
- E. database encryption

Answer: A, D

Question: 6

An administrator needs to rapidly determine a newly discovered security threat to a remote desktop application.

Which F5 feature provides this functionality?

- A. iRules
- B. SSL profiles
- C. Proxy SSL
- D. SPDY

Answer: A

Question: 7

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

Question: 8

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

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

Answer: A

Question: 9

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

Question: 10

Which method should an administrator of the BIG-IP use to sync the configuration to only certain other BIG-IPs?

- A. synchronize only certain folders
- B. exclude devices from certain Traffic Groups
- C. exclude devices from certain Sync Groups
- D. exclude devices from certain Device Groups

Answer: C

Question: 11

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

Question: 12



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

Question: 13

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

Question: 14

A BIG IP Administrator needs 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

Question: 15

The administrator wants client request to be directed to the same pool member through the session based on the client IP address.

Which persistence method should the administrator choose?

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

Answer: D

Question: 16

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

- A. Session Tickets
- B. OCSP Staping
- C. Server Name indication
- D. Certificate Status Request

Answer: C

Question: 17

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

Question: 18

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

Question: 19

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

Question: 20

Host A sends 10 TCP packets to Host B. All packets arrive at Host B quickly, but some arrive out of order. What will Host B do?

- A. ACK only packets that are in order
- B. drop all packets and wait for arrival in order
- C. drop any packets that arrive out of order
- D. ACK all packets and place them in order

Answer: D

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