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Exam : **101**

Title : Application Delivery
Fundamentals Exam

Vendor : F5

Version : DEMO

NO.1 An administrator is trying to debug why the 10.0.10.0/24 network is inaccessible from a certain server. The server is able to access the internet Successfully.

The administrator inspects the routing table and ARP table on the affected server.

Given the terminal output shown, what could be causing this issue?

- A. The default gateway is not sending ARP responses
- B. The local server is unable to receive ARP responses
- C. The default route (0. 0. 0. 0/0) is misconfigured
- D. The static route for 10. 0.10.0/24 is misconfigured

Answer: D

NO.2 The BIG IP device is connected to the same network as a server

Which communication protocol will the BIG IP device use to discover the link layer address of the server?

- A. Ping
- B. ICMP
- C. RARP
- D. ARP

Answer: D

NO.3 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. Link speed
- C. IP configuration
- D. DNS resolvers

Answer: B

NO.4 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. Router
- B. Switch
- C. Hub
- D. Firewall

Answer: A

NO.5 What describes the third "A" in the common authentication acronym AAA?

- A. provides user filtered access
- B. provides redundancy
- C. ensures the correct identity
- D. measures usage against an identity

Answer: A

NO.6 A VoIP application requires that data payloads will NOT be fragmented. Which protocol controls network behavior in this situation?

- A. IP
- B. RTSP
- C. TCP
- D. UDP

Answer: B

NO.7 in which scenario is a full proxy TCP connection required?

- A. when routing is enabled
- B. when the client TCP connections options must be sent to the server
- C. when the number of TCP connections to the server must be optimized
- D. when IP Anycastmg is enabled

Answer: C

NO.8 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. TGM
- C. APM
- D. AFM

Answer: C

NO.9 What command sends an "Echo Request" message and expects an "Echo Reply" message?

- A. tcpdump
- B. ping
- C. netstal
- D. echo

Answer: B

NO.10 Which protocols are used for control and session establishment for streaming media?

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

Answer: D

Explanation:

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

NO.11 In an administrator's environment, the administrator wants to inspect a high volume of SSL traffic. What should be used for this task?

- A. Big-IP Local Traffic Manager appliance

- B. Big-IP virtual edition with FIPS
- C. Big-IP standard virtual edition
- D. Big-IP Global Traffic Manager appliance

Answer: A

NO.12 TLS prides which functionality when a web browser connects to web site using the HTTPS protocol?

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

Answer: A

NO.13 Client A from the 192.168.0.0/24 network wants to send a Ping to Client B on 10.10.10.0/24.

The Default Gateway from Client A is 192.168.0.1

The MAC Address of Client A is 00:11:11:11:11:11

The MAC Address of client B is 00:22:22:22:22:22

The MAC Address of Default Gateway is 00:33:33:33:33:33

What is the destination MAC Address of the ping packet when it leaves client A interface card?

- A. f1: f1: f1: f1: f1: f1
- B. 00: 11: 11: 11: 11: 11
- C. 00: 22: 22: 22: 22: 22
- D. 00:33: 33: 33: 33: 33

Answer: D

NO.14 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 > Backup
- B. System > Archives
- C. System > Services > Backup
- D. System > File Management

Answer: B

NO.15 A Network Administrator needs a new networking device that can perform NAT to connect several devices on a computer network.

What is the most appropriate device for this requirement?

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

Answer: C

NO.16 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 Reduces dropped connections
- D. It allows easy scaling up of the application

Answer: D

NO.17 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

NO.18 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. SSH Tunnel
- C. IPsec VPN
- D. SSL VPN

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

Answer: D