

Question 1

What network protocol helps data get to the right place by determining the MAC address of the next router or device on its path? 1 / 1 point

Transmission Control Protocol (TCP)

Address Resolution Protocol (ARP)

Hypertext Transfer Protocol Secure (HTTPS)

Secure Sockets Layer/Transport Layer Security (SSL/TLS)

Correct

Question 2

What set of standards is known as Wi-Fi? 1 / 1 point

IEEE 802.11

802.11

WPA

WEP

Correct

Question 3

A firewall administrator installs a firewall function to either block or allow certain port numbers to limit unwanted communication. What function does this scenario describe? 1 / 1 point

Port filtering

Organizing data packets

Location masking

Using cloud-based firewalls

Correct

Question 4

Which firewall offers the most security features? 1 / 1 point

Stateless firewall

Next generation firewall (NGFW)

Stateful firewall

Documented firewall

Correct

Question 5

How do VPNs preserve confidentiality? 1 / 1 point

Encrypt data in transit

Translate internet domain names to IP addresses

Use temporary memory to store data requested by external servers

Monitor traffic to and from a network

Correct

Question 6

What does a VPN service use to transfer encrypted data between a device and the VPN server? 1 / 1 point

network segmentation

transmission control

packet sniffing

encapsulation

Correct

Question 7

What network is part of the uncontrolled zone? 1 / 1 point

Subnets

Internal networks

Web servers

Internet

Correct

Question 8

What is the function of the demilitarized zone (DMZ)? 1 / 1 point

Encrypt data as it travels across the internet

Organize data by forwarding it to other servers

Isolate servers exposed to the internet from the rest of a network

Protect highly confidential information accessible only to employees with certain privileges

Correct

Question 9

A security analyst implements a proxy server to secure internal networks. What are some of the proxy server's primary functions? Select three answers. 1 / 1 point

Use public IP addresses that are different from the rest on the private network

Correct

Determine whether requests to connect to a website are allowed

Correct

Divide the network into segments to maintain privacy within corporate groups

Temporarily stores data that is frequently requested by external servers

Correct

Question 10

Which of the following statements accurately describe forward and reverse proxy servers? Select three answers. 1 / 1 point

Forward proxy servers regulate and restrict a person's access to the internet.

Correct

Reverse proxy servers accept traffic from external parties, approve it, then forward it to internal servers.

Correct

Forward proxy servers receive outgoing traffic from an employee, approve it, then forward it to its destination on the internet.

Correct

Reverse proxy servers work by hiding a user's IP address and approving all outgoing requests.