

Cybersecurity Fundamentals

Module 4: Quiz



Question 1

- Common network device used to connect networks.
 - A) Server
 - B) Endpoint
 - C) Router
 - D) Switch

Question 2

- A common network device used to filter traffic.
 - A) Server
 - B) Endpoint
 - C) Ethernet
 - D) Firewall



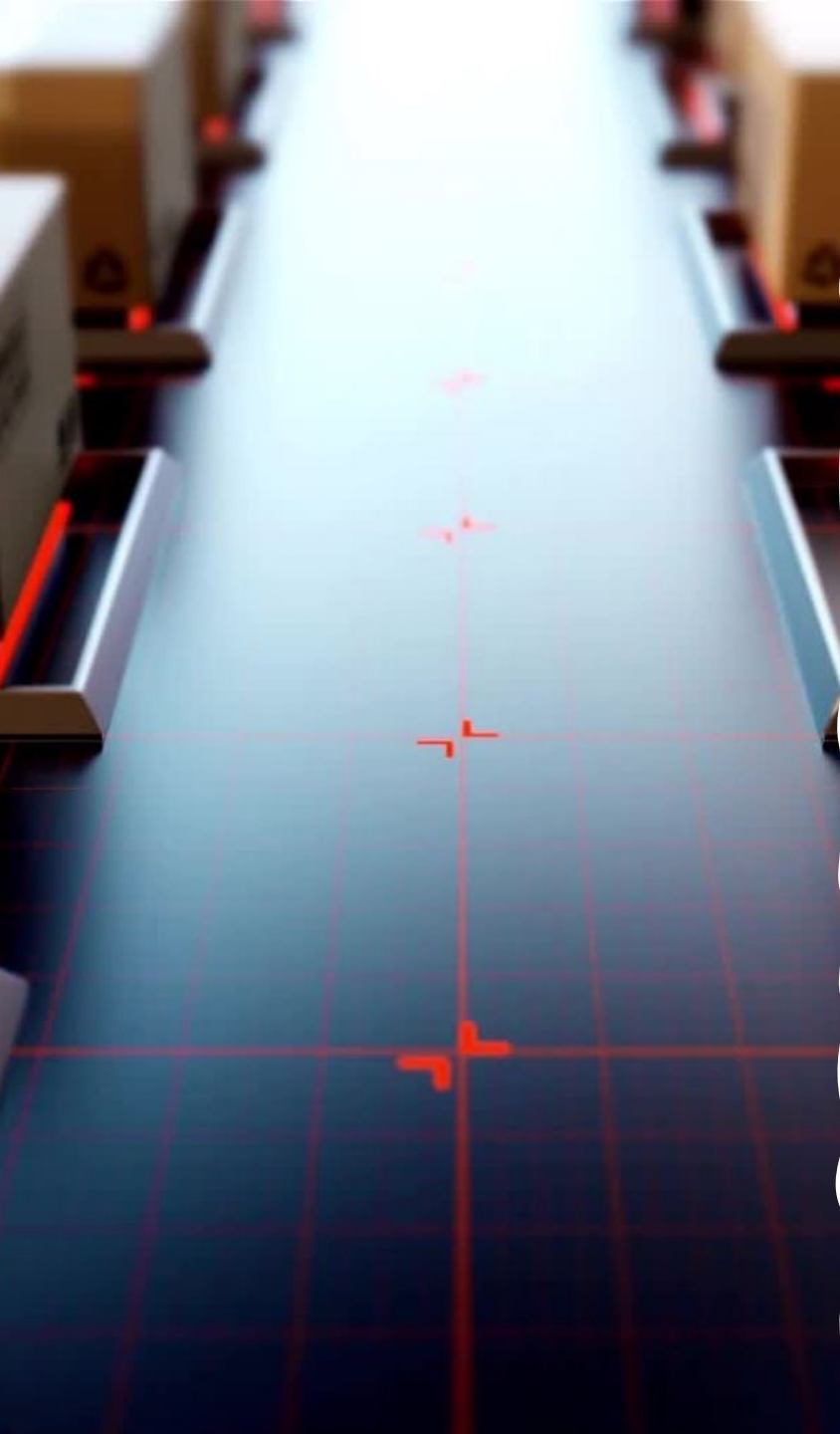


Question 3

endpoint <-----> Web server

Which port number is associated with the protocol typically used in this connection?

- A) 21
- B) 53
- C) 80
- D) 161



Question 4

- An attack against the availability of a network/system; typically uses many attacking machines to direct traffic against a given target.
 - A) Worm
 - B) Virus
 - C) Stealth
 - D) Distributed-denial-of-service (DDOS)



Question 5

A security solution installed on an endpoint in order to detect potentially anomalous activity.

- A) Router
- B) Host-based intrusion prevention system
- C) Switch
- D) Security incident and event management system (SIEM)

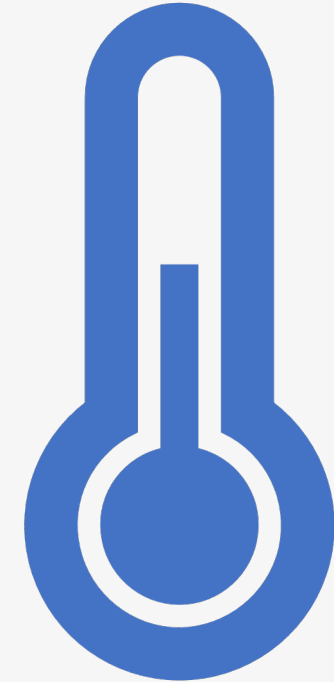


Question 6

- A security solution that detects, identifies and often quarantines potentially hostile software.
 - A) Firewall
 - B) Guard
 - C) Camera
 - D) Anti-malware

Question 7

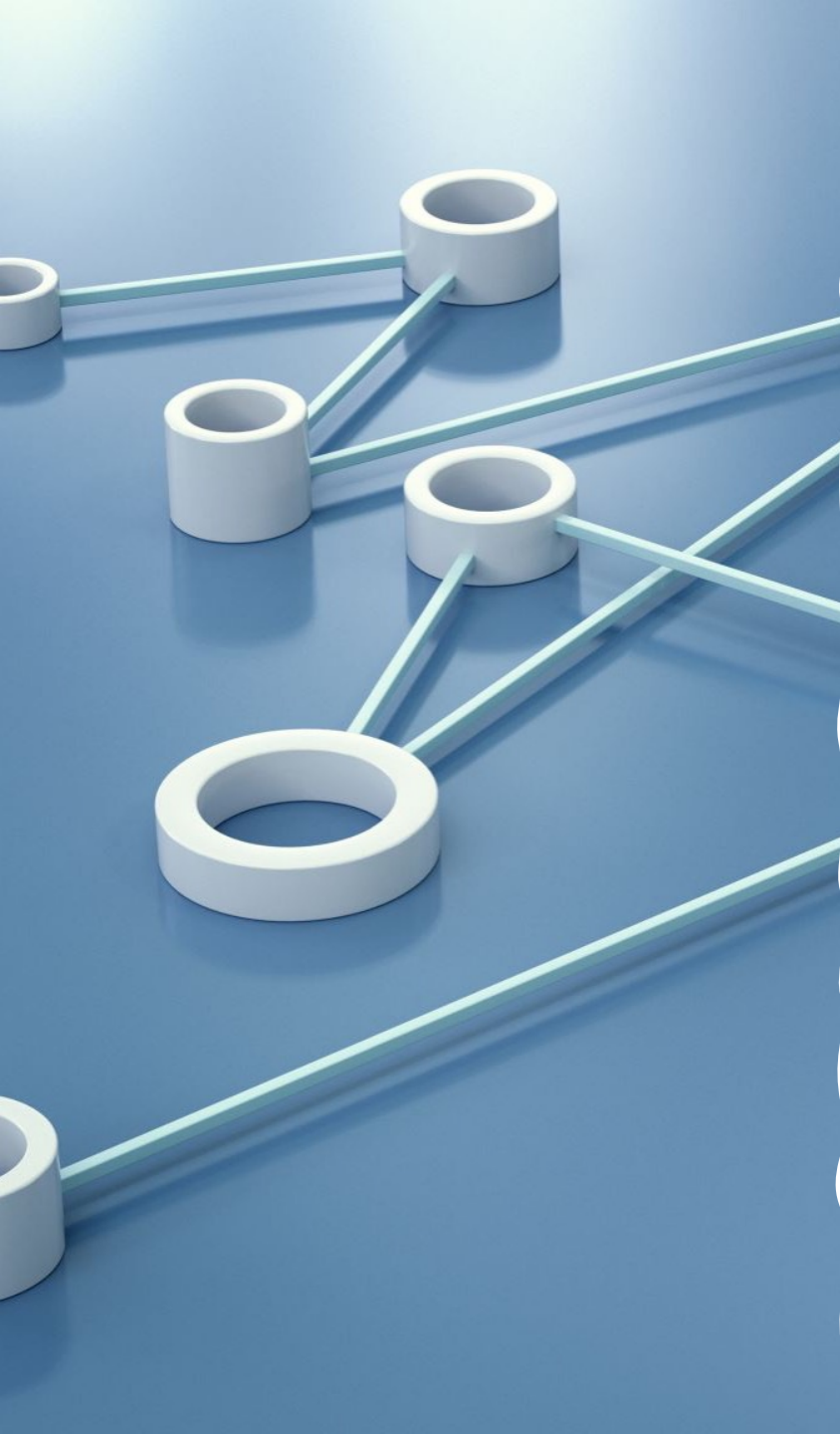
- The common term used to describe the mechanisms that control the temperature and humidity in a data center.
 - A) VLAN (virtual local area network)
 - B) HVAC (heating, ventilation and air conditioning)
 - C) STAT (system temperature and timing)
 - D) TAWC (temperature and water control)





Question 8

- A cloud arrangement whereby the provider owns and manages the hardware, operating system, and applications in the cloud, and the customer owns the data.
 - A) Infrastructure as a service (IaaS)
 - B) Morphing as a service (MaaS)
 - C) Platform as a service (PaaS)
 - D) Software as a service (SaaS)



Question 9

- A portion of the organization's network that interfaces directly with the outside world; typically, this exposed area has more security controls and restrictions than the rest of the internal IT environment.
 - A) National Institute of Standards and Technology (NIST)
 - B) Demilitarized zone (DMZ)
 - C) Virtual private network (VPN)
 - D) Virtual local area network (VLAN)



Question 10

- Which of the following tools can be used to grant remote users access to the internal IT environment?
 - A) VLAN (virtual local area network)
 - B) VPN (virtual private network)
 - C) DDOS (distributed denial-of-service)
 - D) MAC (media access control)