**ACTIVITY # 5**

**Tipo actividad: cuestionario**

**Multiple-choice activity about the previous reading.**

1. What is the primary focus of network security?

A) Protecting physical assets

B) Preventing unauthorized access to computer networks

C) Ensuring data encryption during transmission

D) Optimizing network performance

1. What is the function of a firewall in network security?

A) Encrypting user data

B) Blocking suspicious network traffic

C) Authenticating network users

D) Managing network hardware

1. What do VPNs do to protect users' internet connections?

A) Create virtual firewalls

B) Encrypt data and mask IP addresses

C) Monitor network traffic

D) Block malicious emails

1. What is the purpose of intrusion detection and prevention systems (IDPSs)?

A) Protecting physical infrastructure

B) Filtering incoming emails

C) Scanning network traffic for security threats

D) Optimizing network speed

1. What do endpoint security solutions aim to protect against?

A) Physical break-ins

B) Malicious software on devices

C) Unauthorized access to network hardware

D) Power outages