**Security Issue:**

Problem**:** “Your network has low security, and you want to protect it against unauthorized access from outside the organization. What element could you add, and why? Explain how to configure it and which security protocol you’d recommend.”

Key terms:

* Firewall: Is a security device that prevents unauthorized Access o a networl
* HTTPS: Is the versión security of HTTP. Use an encryption protocol to encrypt communications.
* Hacker: A person who attempts to find and exploit vulnerabilities in computer systems or networks to gain unauthorized access to data or resources.
* Security: The practice of protecting information and systems from unauthorized access, damage or attack.
* Protocol: It is a set of rules and standards that enable communication between devices within a network.

Questions and solutions:

* What element could you add, and why?

Implementing and configuring a firewall with strict access rules and security protocols such as HTTPS will help protect your network against external attacks. This creates a solid barrier against intrusions, minimizing the risk of unauthorized access and protecting the network from hackers.