

Firewalls

Video Task

Answer the following questions:

1. There are 2 purposes of a Firewall. What are they?
2. Which device is being used to connect the private network to the Internet?
3. What is the risk to an organization that does not use a firewall to protect its internal (private) network?
4. Describe an Access Control List.
5. Who determines these rules?

6. A host-based firewall is a software-based firewall that can be found on an individual computer. Does your device have a firewall?

- YES/NO

7. A Network Based Firewall is a combination of _____ and _____.

8. Modern Routers come with a built-in firewall.

TRUE/FALSE

Research Task 1

Obviously, Firewalls are essential components of a secure network.

Are there any limitations of Firewalls?

Do some research and see if you can list 2 or 3 limitations.

Research Task 2

What is NAT and what is its role in **enhancing** network security?