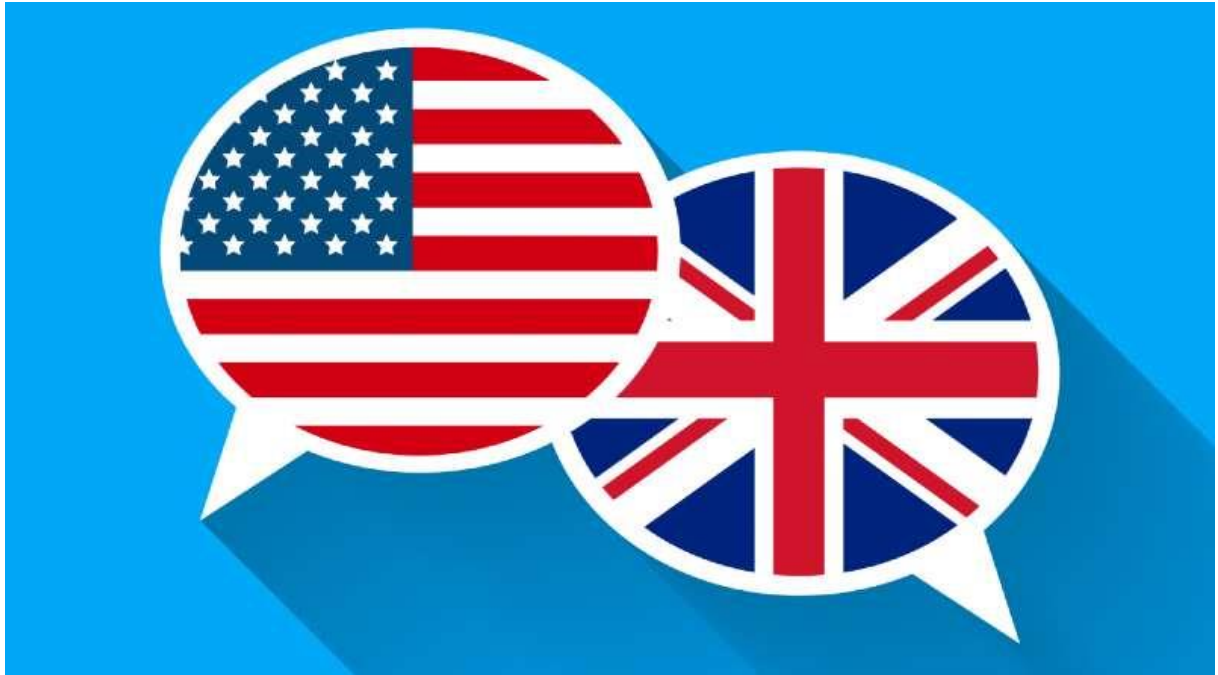


TRABAJO DE INGLÉS TÉCNICO



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Grado Medio en Sistemas Microinformáticos en
Red

Actividad 7

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Madrid enero de 2021

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REALIZACIÓN DE LA ACTIVIDAD

WRITE A PARAGRAPH FOR AN INTERNAL WEBSITE ABOUT HOW A VPN WORKS.MAKE SURE THAT YOU INTRODUCE THE TOPIC OF THE PARAGRAPH CLEARLY

- ❖ First of all you should know what VPN means, the meaning is **Virtual Private Netwrok.**



Ilustración 1-VPN

It is a network technology that allows a secure extension of the local area network in which a business or person has always been.

But always maintaining all the functionality, security and management policies of a private network.

- ❖ **When do we use a VPN network?**

Our team obtains improvements in terms of security and even to be able to see censored or blocked content.

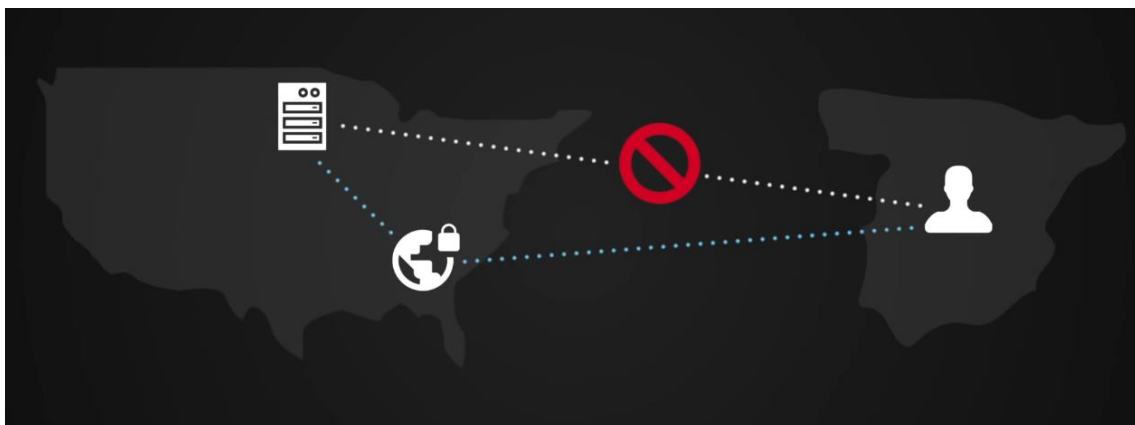


Ilustración 2-View censored or blocked content

In these times VPN is more attractive since we can access services such as watching Netflix and seeing more extensive content from that service but in different countries, for example the USA.



Ilustración 3-Netflix

The VPN technology of our equipment connects to the ISP that gives us service and from there to the VPN server.

Thanks to this, it allows us to obtain an IP address different from ours.

❖ **Example:**

If I wanted to see content from Thailand from Spain, I could not use my IP since the IP I have in Spain will not allow me to view the content, but if I activate the VPN, the VPN gives me an IP of the country I want to see the content, that is, a thailand ip.

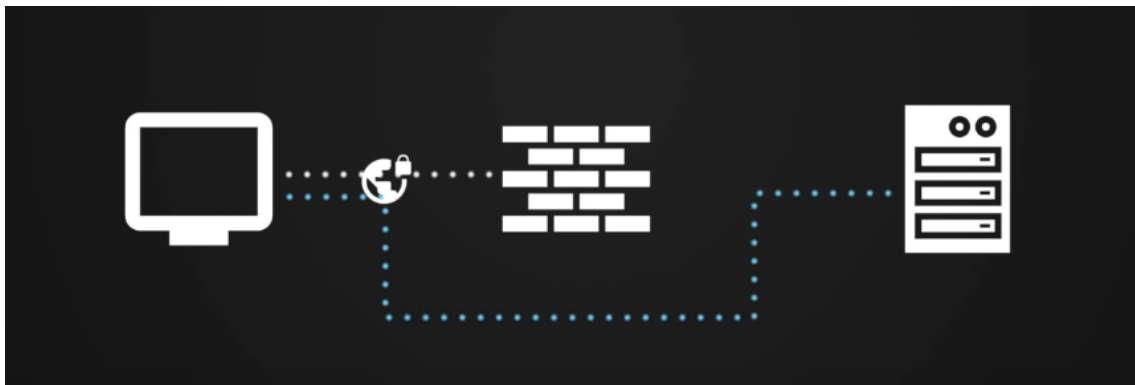


Ilustración 4-Bypass blocking

❖ **A VPN generates quite useful things for us:**

- In public Wi-Fi networks they are also useful to improve security.
- They are useful to avoid ISP boycotts to the use of 2P2 networks
- Allows spoofing your location
- Can be used on Windows, Linux, Android, ios

❖ **A VPN causes us inconveniences:**

- The connection speed
- The location cannot always be falsified
- It does not guarantee anonymous browsing
- We will have to pay a monthly 10 euros per month.

❖ **One of the recommendations are the following:**

| NordVPN | Surfshark | Private VPN |
|---------|-----------|-------------|
|---------|-----------|-------------|



Ilustración 5-NordVPN



Ilustración 6-SurfShark



Ilustración 7-PrivateVPN