Glossary

* IP

Internet protocol, it is a set of numbers that identifies the device, it can be static or dynamic

* MAC

It is an identifier that is unique for the device and there are not two with the same MAC

* LAN

Local Area Network, it is a set of computers connected to each other by a cable

* PAN

Personal Area Network, Computers connected to each other by one person

* WAN

Wide Area Network, Networks for large areas, for example, countries

* MAN

Metropolitan Area Network, Connect by fiber optic many routers

* CAN

Campus Area Network, Connect devices at high speed

* P2P

Peer to Peer, each client is a server, for example, Bittorrent

* Router

Directs that traffic to the machine that has requested it

* Network

Computer set

* NAS

Network Attached Storage, A computer that offers information through the network

* Switch

It does the same as the router but here it is internally

* Connector rj45

It’s a standardized connector to interconnect the computer to the network

* Cat 5

It is one of the most used braided cables in companies since it is very cheap

* Cat 6

It is the standard for gigabit cables and has a protection superior to cat 5 cable and there is an x inside to maintain the rigidity of the cables

* Cat 7

An aluminum foil comes with each pair of cables and reaches 10 gigabytes

* Server

It is a set of computers connected at high speed to receive, execute and send request in thousands of seconds

* Bridges

Connect two different networks into one for higher speed

* Cards of Red

They are expansion cards to be able to have internet on computers

* Repeater

Amplify the WIFI network to be able to connect a phone at a longer distance

* VLAN

Virtual LAN, directs traffic through assigned section so as not to flood traffic

* WLAN

Wireless LAN, create a WIFI access point to connect a computer via network cable or WIFI