# Glossaire

**Addressing**

Addressing is the process of assigning unique identifiers to devices on a network so that data can be sent from a source to the correct destination

**Connectionless Protocol**

In a connectionless protocol No dedicated connection is established before sending data.

**Connection-oriented protocol**

A connection-oriented protocol establishes a dedicated connection between sender and receiver before transmitting data.

**MAC address**

A MAC address is a unique hardware identifier assigned to a NIC or network device. It operates at the Data Link layer (Layer 2) of the OSI model and is used for local network communication.

**Network size**

The size of a network implies its scope.

**Ping**

Ping is a network utility that uses ICMP to test the reachability of a host on an IP network.

**Reliable protocol**

A reliable protocol guarantee packet delivery

**Routing**

Routing is the process of selecting a path to send packets from source to destination.

**Unreliable protocol**

An unreliable protocol does not guarantee packet delivery