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OSI layer

APPLICATION LAYER	7	Human-computer interaction layer, where applications can access the network services
PRESENTATION LAYER	6	Ensures that data is in a usable format and is where data encryption occurs
SESSION LAYER	5	 Maintains connections and is responsible for controlling ports and sessions
TRANSPORT LAYER	4	 Transmits data using transmission protocols including TCP and UDP
NETWORK LAYER	3	— Decides which physical path the data will take
DATALINK LAYER	2	— Defines the format of data on the network
PHYSICAL LAYER	1	— Transmits raw bit stream over the physical medium

MAC address

xx:xx:xx:xx:xx

First three octate are vendor specific. These bits will be same for multiple devices of a same vendor.

Ex, Two computers of DELL will have same three octates of MAC address.

What is logical address?

The IP address of a device is called as a logical address.

What is physical address?

The MAC address of a device is called as a physical address.

RTD: Round Trip Delay.

FTAM: File Transfer Access and Management.

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