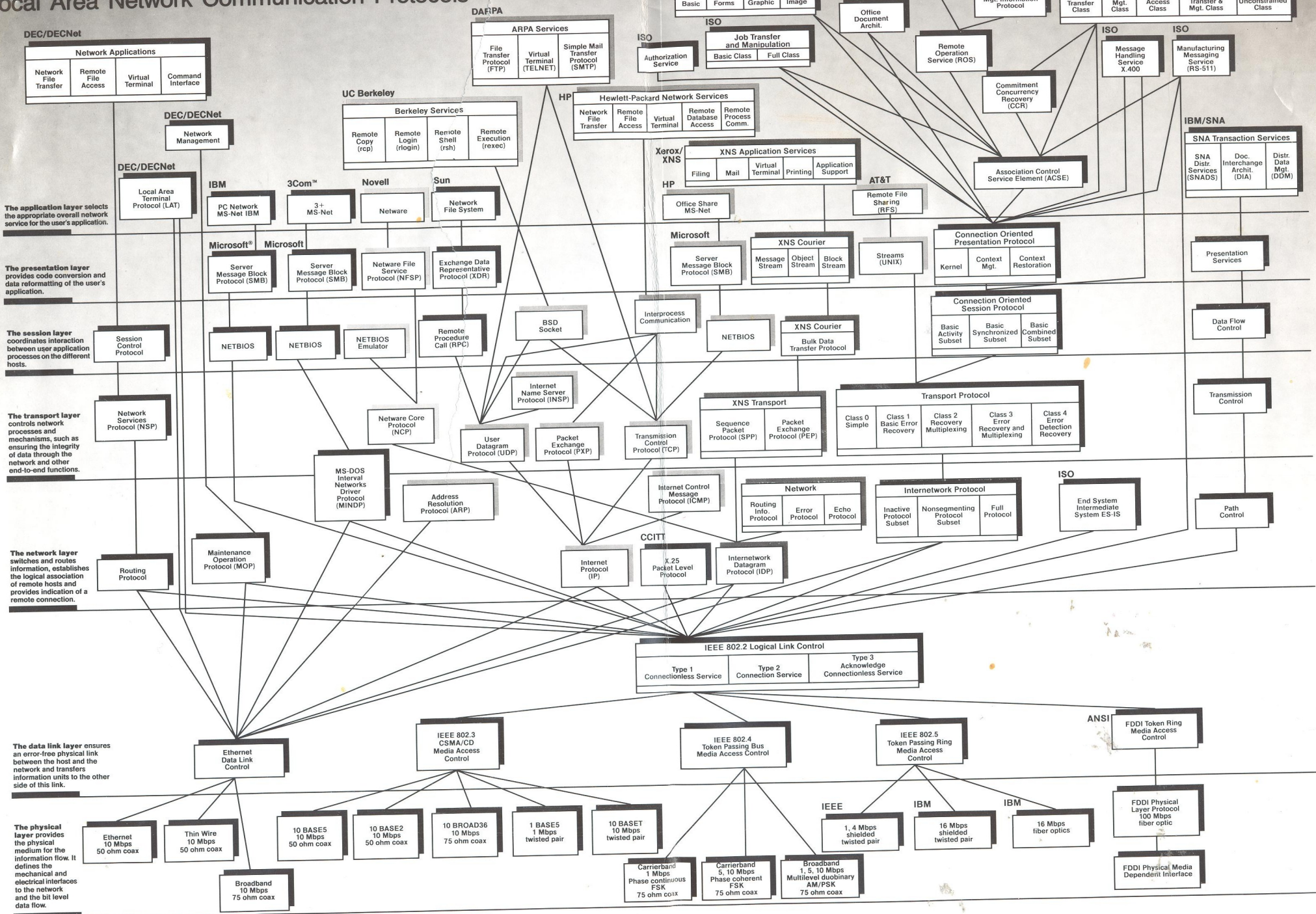


Local Area Network Communication Protocols



The application layer selects the appropriate overall network service for the user's application.

The presentation layer provides code conversion and data reformatting of the user's application.

The session layer coordinates interaction between user application processes on the different hosts.

The transport layer controls network processes and mechanisms, such as ensuring the integrity of data through the network and other end-to-end functions.

The network layer switches and routes information, establishes the logical association of remote hosts and provides indication of a remote connection.

The data link layer ensures an error-free physical link between the host and the network and transfers information units to the other side of this link.

The physical layer provides the physical medium for the information flow. It defines the mechanical and electrical interfaces to the network and the bit level data flow.

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