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standard that covers all aspects of network communication is the open Systems Interconnection model.

⇒ Seven layers of the OSI model.

1) Physical Layer:

The physical layer is responsible for movements of individual bits from one hop (node) to the next.

2) Data Link Layer:

The data link layer is responsible for moving frames from one hop (node) to the next.

3) Network Layer:

The network layer is responsible for the delivery of individual packets from the source host to the