

UDP

October 30, 2024

#	Layer Name	Protocol	Data Unit	Addressing
5	Application	HTTP, SMTP, etc.	Messages	n/a
4	Transport	TCP/UDP	Segment	Port #'s
3	Network	IP	Datagram	IP address
2	Data Link	Ethernet, Wi-Fi	Frames	MAC Address
1	Physical	10 Base T, 802.11	Bits	n/a

Table 1: Network Layer Protocols and Addressing

UDP

- User Datagram Protocol
- Layer 4 (Transport)
- Transmits data between applications
- Connectionless
- Message based
- Low Overhead

Functions

Demultiplexing

Provides ports to an IP datagram.