



Data-Link and Physical Layer Protocols

Data-Link Protocols:

1. Ethernet
2. Wi-Fi (IEEE 802.11)
3. Token Ring
4. Frame Relay
5. Asynchronous Transfer Mode (ATM)
6. Point-to-Point Protocol (PPP)
7. High-Level Data Link Control (HDLC)
8. Serial Line Internet Protocol (SLIP)
9. Carrier-Sense Multiple Access with Collision Detection (CSMA/CD)
10. Media Access Control (MAC)

Physical Protocols:

1. Ethernet (IEEE 802.3)
2. Fast Ethernet
3. Gigabit Ethernet
4. 10 Gigabit Ethernet
5. Optical Transport Network (OTN)
6. SONET (Synchronous Optical Networking)



7. Digital Subscriber Line (DSL)
8. Asymmetric Digital Subscriber Line (ADSL)
9. T1/E1
10. Serial RS-232

Please note that this is not an exhaustive list, and there are many other protocols in use depending on specific network technologies, standards, and applications.