

Layer	Description	Examples
7. Application Layer	Userspace programs	HTTP, FTP, SSH...
6. Presentation Layer	Encryption + compression	TLS, SSL...
5. Session Layer	Resumable sessions	RPC, SMB (file, printer sharing)...
4. Transport Layer	2-way data pipes	TCP, UDP...
3. Network Layer	Remote packet delivery	Internet Protocol (IP), ICMP ("ping")...
2. Data link layer	Local communication	Ethernet, WiFi...
1. Physical layer	Physical connection	Fiber-optic cable, electromagnetic wave...