OSI model (ISO/IEC 7498-1)	TCP/IP model (RFC 1122)	Example protocols
7 Application layer	Application layer	Telnet, FTP, SMTP, HTTP, DNS, IMAP
6 Presentation layer		
5 Session layer		
4 Transport layer	Transport layer	TCP, UDP
3 Network layer	Internet layer	IP
2 Data link layer	Link layer	Ethernet, Token Ring, PPP, FDDI, ATM IEEE 802.3/802.11
1 Physical layer		