

TCP/IP	ISO/OSI	Example Protocols	Machines & Components	Materiality	"Entropy"	Labour	Governs & Maintains	Governed & Maintained by	
Application Layer	Application	> Hypertext Transfer Protocol (HTTP)	> Personal Computers	Soft (ware)	Cheap Complexity	> Software Developers	> User's Attention & Time	> "Tech Companies" i.e., Media and Advertising Platforms	
	Presentation	> Secure Shell Protocol (ssh)	> Smartphones & Tablets			> Content Moderators		> Forms of Cultural Expression	> Anyone with their own Webserver
		> Simple Mail Transfer Protocol (SMTP)	> Content Servers			> Media / Content Producers ¹		> Internet Engineering Taskforce (IETF)	
Session	> BitTorrent Protocol	For all of the above:	> Applications			> System Administrators	> Anyone who knows what a Network Socket ² is	> Computer-to-Computer Communication	> "Tech Companies"
	> Domain Name System (DNS)	> Operating System	> Internet Engineering Taskforce (IETF)						
Transport Layer	Transport	> Transport Layer Protocol (TCP)	> Personal Computers						Hard (ware)
	Transport	> User Datagram Protocol (UDP)	> Smartphones & Tablets	> Anyone who knows what a Network Socket ² is	> Internet Engineering Taskforce (IETF)				
> QUIC		> Content Servers	For all of the above:	> System Administrators	> Network-to-Network Communication	> Internet Exchange Points (IXPs)			
Internet Layer	Network	> Internet Protocol Version 4 (IPv4)	> Routers	> Networking Engineers	> Topology of the Internet	> Internet Corporation for Assigned Names and Numbers (ICANN)			
		> Internet Protocol Version 6 (IPv6)	> Network	> Internetnetwork Routing Engineers	> Internet Engineering Taskforce (IETF)				
Data Layer	Data	> Medium Access Control (MAC) Addresses	> Switches	Hard (ware)	Expensive Order	> Physical Connection between Machines	> Sovereign Nation States		
	Physical	> Ethernet	> Fiberoptic Cables				> Land Stewards	> International Telecommunication Union (ITU)	
> Wireless Fidelity (WiFi)		> Radios	> Satellites				> Urban Planners	> Flow of Bits	> Internet Service Providers (ISPs)
> Wavelength-Division Multiplexing	> Terraforming Machines	> Electrical Engineers	> Flow of Electrons			> "Tech Companies"			

1. Potentially includes any User who creates or shares content

2. [What everyone uses to learn](#)