

Socket	
Server	Client
Open	Open
Bind	
Listen	Connect
Accept	
Send/Recv	Send/Recv

ARP
Maps an IP address to a MAC address.
Sender broadcasts an ARP request with the IP address to be mapped.
Owner of the IP address replies with its MAC address.

TCP	
Client	Server
SYN ->	
	<- SYN,ACK
ACK ->	

802.11 Frame Types	
Association	Management
Authentication	Management
Probe	Management
Beacon	Management
RTS	Control
CTS	Control
ACK	Control
Data	Data

802.11 Client Association	
Client	AP
Probe Request	----->
	<----- Probe Response
Auth Request	----->
	<----- Auth Response
Assoc Request	----->
	<----- Assoc Response

OSI Layers			
Application	End User	HTTP, FTP, SSH, DNS	7
Presentation	Encryption, Compression	SSL, TLS, MPEG	6
Session	Authentication, Permissions	API's, Sockets	5
Transport	Segment	TCP, UDP	4
Network	Packets	IP, ICMP	3
Data Link	Frames, MAC	Ethernet, Bridge	2
Physical	Media	Wireless, Cat5	1



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