

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
Present- ation	Encryption, Compression	SSL, TSL, MPEG	6
Session	Authentication, Permis- sions	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

