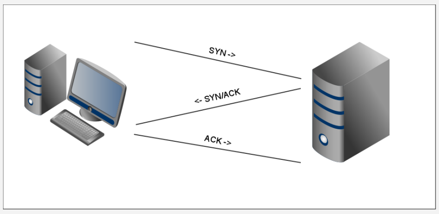
Network Cheat Sheet

by UmpaLumpa via cheatography.com/46791/cs/13541/

Net/Host ID by Class

A	0nnnnnnn.HHHHHHHH.HHHHHHHH.HHHHHHHH
B	10nnnnnn.nnnnnnnn.HHHHHHHH.HHHHHHHH
C	110nnnnn.nnnnnnnn.nnnnnnnn.HHHHHHHH
D	1110XXXX.XXXXXXXX.XXXXXXXX.XXXXXXXX
E	1111XXXX.XXXXXXXX.XXXXXXXX.XXXXXXXX

Three Way Handshake



Illustrates the Three way handshake used for TCP connections.

IEEE 802.xx

802.3	Ethernet
802.11a/b/g/n	WLAN
802.8	Fiber Optic
802.15.1	Bluetooth
802.15.1	Bluetooth
802.16	WiMAX

OSI Protocoll

7	Applicationlayer	DNS, DHCP, FTP, HTTP/S, SSH	
6	Presentationlayer	TLS	
5	Sessionlayer	NetBIOS, PPTP, SMB	Authentication, Authorization, Session restoration
4	Transportlayer	TCP, UDP, iSCSI	
3	Networklayer	IPv4, IPv6, IPSec	Router
2	Data-Link-Layer	PPP, ARP, MAC, VLAN	Switch, Bridge, Repeater
1	Physical Layer	DSL, ISDN, USB, Bluetooth	HUB (Multiporterepeater)

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