

## Subnet Cheat Sheet

CIDR	Total # of Addresses	Hosts	Netmask
/30	4	2	255.255.255.252
/29	8	6	255.255.255.248
/28	16	14	255.255.255.240
/27	32	30	255.255.255.224
/26	64	62	255.255.255.192
/25	128	126	255.255.255.128
/24	256	254	255.255.255.0
/23	512	510	255.255.254.0
/22	1,024	1,022	255.255.252.0
/21	2,048	2,046	255.255.248.0
/20	4,096	4,094	255.255.240.0
/19	8,192	8,190	255.255.224.0
/18	16,384	16,382	255.255.192.0
/17	32,768	32,766	255.255.128.0
/16	65,536	65,534	255.255.0.0
/15	131,072	131,070	255.254.0.0
/14	262,144	262,142	255.252.0.0
/13	524,288	524,286	255.248.0.0
/12	1,048,576	1,048,574	255.240.0.0
/11	2,097,152	2,097,150	255.224.0.0
/10	4,194,304	4,194,302	255.192.0.0
/9	8,388,608	8,388,606	255.128.0.0
/8	16,777,216	16,777,214	255.0.0.0
/7	33,554,432	33,554,430	254.0.0.0
/6	67,108,864	67,108,862	252.0.0.0
/5	134,217,728	134,217,726	248.0.0.0
/4	268,435,456	268,435,454	240.0.0.0
/3	536,870,912	536,870,910	224.0.0.0
/2	1,073,741,824	1,073,741,822	192.0.0.0
/1	2,147,483,648	2,147,483,646	128.0.0.0
/0	4,294,967,296	4,294,967,294	0.0.0.0

Private address range		
Class	start address	finish address
A	10.0.0.0	10.255.255.255
B	172.16.0.0	172.31.255.255
C	192.168.0.0	192.168.255.255

Public address range		
Class	start address	finish address
A	0.0.0.0	126.255.255.255
B	128.0.0.0	191.255.255.255
C	192.0.0.0	223.255.255.255
D	224.0.0.0	239.255.255.255
E	240.0.0.0	254.255.255.255