

Broadcast address	LAst address	0 to 255. 0to255. 0 to 255. 0to 255. 11111111
Multicast		224.0.0.0 to 239.255.255.255.
Subnetting		<p>Mask → which is network address vs host address</p> <p>CIDR → Classless Inter Domain Routing</p> <p>Network bits</p> <p>172.16.15.00 → subnet address 172.16.15.01 172.16.15.02 172.16.15.255 → broadcast address</p> <p>An ip is given: 255.255.240.0 → What's the CIDR notation(gives us the network bits)?</p> <p>Step: convert to binary and count number of one's = 20 = /20 11111111.11111111.11110000.0/20 255.255.240.0/20</p> <p>Find the subnet mask of given host machine with CIDR notation: IP host machine: 172.16.14.101/20 Convert to binary 1. 10101100.00010000.00001110.001100101 make zeroes after /20 bits 1. 10101100.00010000.00000000.00000000 convert back to decimal 1. 172.16.0.0 → subnetmask</p>