

Category	IP Address	Binary Format
Address	192.168.100.4	11000000.10101000.0110010 0.00000100
Netmask	28	11111111.11111111.11111111.1 1110000
Network Address	192.168.100.0	11000000.10101000.0110010 0.00000000
Broadcast Address	192.168.100.15	11000000.10101000.0110010 0.00001111
First IP	192.168.100.1	11000000.10101000.0110010 0.00000001
Last IP	192.168.100.14	11000000.10101000.0110010 0.00001110
Maximum host in the network	14 usable but 16 total	00001110 (14?)

Category	IP Address	Binary Format
Address	170.1.0.0	10101010.00000001.000000 00.00000000
Netmask	26	11111111.11111111.11111111.1 1000000
Network Address	170.1.0.0	10101010.00000001.000000 00.00000000
Broadcast Address	170.1.0.63	10101010.00000001.000000 00.00111111
First IP	170.1.0.1	10101010.00000001.000000 00.00000001
Last IP	170.1.0.62	10101010.00000001.000000 00.00111110
Maximum host in the network	62 usable but 64 total	00111110 (62?)