

IP Classes

Notations:

[byte]	free byte (0-255)
—	free bit
<u>0</u> / <u>1</u>	fixed bit
0-255	decimal value (range per byte)
	network part
	host part

Class A

[0 _ _ _ _ _] | [H] [H] [H]
1-127
mask: 255.0.0.0 (/8)

Class B

[1 0 _ _ _ _ _] [N] | [H] [H]
128-191
mask: 255.255.0.0 (/16)

Class C

[1 1 0 _ _ _ _ _] [N] [N] | [H]
192-223
mask: 255.255.255.0 (/24)

Class D [224-239] [F] [F] [F] - multicast

Class E [240-255] [F] [F] [F] - research