

Tabela de máscara de sub-rede IP (netmask)

Number of bits (for CIDR/VLSM)	Number of addresses available to nodes	Mask	Dotted Quad Binary	Comments
32	1	255.255.255.255	11111111.11111111.11111111.11111111	Single host
31	0	255.255.255.254	11111111.11111111.11111111.11111110	No hosts
30	2	255.255.255.252	11111111.11111111.11111111.11111100	
29	6	255.255.255.248	11111111.11111111.11111111.11111000	
28	14	255.255.255.240	11111111.11111111.11111111.11110000	
27	30	255.255.255.224	11111111.11111111.11111111.11100000	
26	62	255.255.255.192	11111111.11111111.11111111.11000000	
25	126	255.255.255.128	11111111.11111111.11111111.10000000	
24	254	255.255.255.0	11111111.11111111.11111111.00000000	"Class C"
23		255.255.254.0	11111111.11111111.11111110.00000000	
22		255.255.252.0	11111111.11111111.11111100.00000000	
21		255.255.248.0	11111111.11111111.11111000.00000000	
20		255.255.240.0	11111111.11111111.11110000.00000000	
19		255.255.224.0	11111111.11111111.11100000.00000000	
18		255.255.192.0	11111111.11111111.11000000.00000000	
17		255.255.128.0	11111111.11111111.10000000.00000000	
16	65,000	255.255.0.0	11111111.11111111.00000000.00000000	"Class B"
15		255.254.0.0	11111111.11111110.00000000.00000000	
14		255.252.0.0	11111111.11111100.00000000.00000000	
13		255.248.0.0	11111111.11111000.00000000.00000000	
12		255.240.0.0	11111111.11110000.00000000.00000000	
11		255.224.0.0	11111111.11100000.00000000.00000000	
10		255.192.0.0	11111111.11000000.00000000.00000000	
9		255.128.0.0	11111111.10000000.00000000.00000000	
8	16,000,000	255.0.0.0	11111111.00000000.00000000.00000000	"Class A"
7		254.0.0.0	11111110.00000000.00000000.00000000	
6		252.0.0.0	11111100.00000000.00000000.00000000	
5		248.0.0.0	11111000.00000000.00000000.00000000	
4		240.0.0.0	11110000.00000000.00000000.00000000	
3		224.0.0.0	11100000.00000000.00000000.00000000	
2		192.0.0.0	11000000.00000000.00000000.00000000	
1		128.0.0.0	10000000.00000000.00000000.00000000	
0	4G	0.0.0.0	00000000.00000000.00000000.00000000	Entire universe

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