

IPv4 Network Masks

Network Mask (binary)	CIDR	Network Mask	Host Count
11111111.00000000.00000000.00000000	/8	255.0.0.0	16,777,216 - 2
11111111.10000000.00000000.00000000	/9	255.128.0.0	8,388,608 - 2
11111111.11000000.00000000.00000000	/10	255.192.0.0	4,194,304 - 2
11111111.11100000.00000000.00000000	/11	255.224.0.0	2,097,152 - 2
11111111.11110000.00000000.00000000	/12	255.240.0.0	1,048,576 - 2
11111111.11111000.00000000.00000000	/13	255.248.0.0	524,288 - 2
11111111.11111100.00000000.00000000	/14	255.252.0.0	262,144 - 2
11111111.11111110.00000000.00000000	/15	255.254.0.0	131,072 - 2
11111111.11111111.00000000.00000000	/16	255.255.0.0	65,536 - 2
11111111.11111111.10000000.00000000	/17	255.255.128.0	32,768 - 2
11111111.11111111.11000000.00000000	/18	255.255.192.0	16,384 - 2
11111111.11111111.11100000.00000000	/19	255.255.224.0	8,192 - 2
11111111.11111111.11110000.00000000	/20	255.255.240.0	4,096 - 2
11111111.11111111.11111000.00000000	/21	255.255.248.0	2,048 - 2
11111111.11111111.11111100.00000000	/22	255.255.252.0	1,024 - 2
11111111.11111111.11111110.00000000	/23	255.255.254.0	512 - 2
11111111.11111111.11111111.00000000	/24	255.255.255.0	256 - 2
11111111.11111111.11111111.10000000	/25	255.255.255.128	128 - 2
11111111.11111111.11111111.11000000	/26	255.255.255.192	64 - 2
11111111.11111111.11111111.11100000	/27	255.255.255.224	32 - 2
11111111.11111111.11111111.11110000	/28	255.255.255.240	16 - 2
11111111.11111111.11111111.11111000	/29	255.255.255.248	8 - 2
11111111.11111111.11111111.11111100	/30	255.255.255.252	4 - 2
11111111.11111111.11111111.11111110	/31	255.255.255.254	2 - 2
11111111.11111111.11111111.11111111	/32	255.255.255.255	"Host Route"