

# IPv4 CIDR Chart

Prefix	IP Addresses	Subnet Mask	
/32	1	255.255.255.255	
/31	2	255.255.255.254	
/30	4	255.255.255.252	
/29	8	255.255.255.248	
/28	16	255.255.255.240	
/27	32	255.255.255.224	
/26	64	255.255.255.192	
/25	128	255.255.255.128	APNIC minimum allocation
/24	256	255.255.255.0	
/23	512	255.255.254.0	
/22	1 K	255.255.252.0	
/21	2 K	255.255.248.0	
/20	4 K	255.255.240.0	
/19	8 K	255.255.224.0	
/18	16 K	255.255.192.0	
/17	32 K	255.255.128.0	
/16	64 K	255.255.0.0	
/15	128 K	255.254.0.0	
/14	256 K	255.252.0.0	
/13	512 K	255.248.0.0	
/12	1 M	255.240.0.0	
/11	2 M	255.224.0.0	
/10	4 M	255.192.0.0	
/9	8 M	255.128.0.0	
/8	16 M	255.0.0.0	
/7	32 M	254.0.0.0	
/6	64 M	252.0.0.0	
/5	128 M	248.0.0.0	
/4	256 M	240.0.0.0	
/3	512 M	224.0.0.0	
/2	1024 M	192.0.0.0	
/1	2048 M	128.0.0.0	
/0	4096 M	0.0.0.0	

K=1,024 • M=1,048,576

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