Cheatography

Subnet IP Ranges Cheat Sheet

by BadSheep via cheatography.com/1372/cs/590/

Class A

CIDR	Addresses	Wildcard	Mask
/8	16777216	0.255.255.255	255.0.0.0
/9	8388608	0.127.255.255	255.128.0.0
/10	4194304	0.63.255.255	255.192.0.0
/11	2097152	0.31.255.255	255.224.0.0
/12	1048576	0.15.255.255	255.240.0.0
/13	524288	0.7.255.255	255.248.0.0
/14	262144	0.3.255.255	255.252.0.0
/15	131072	0.1.255.255	255.254.0.0

Class B

CIDR	Addresses	Wildcard	Mask
/16	65536	0.0.255.255	255.255.0.0
/17	32768	0.0.127.255	255.255.128.0
/18	16384	0.0.63.255	255.255.192.0
/19	8192	0.0.31.255	255.255.224.0
/20	4096	0.0.15.255	255.255.240.0
/21	2048	0.0.7.255	255.255.248.0
/22	1024	0.0.3.255	255.255.252.0
/23	512	0.0.1.255	255.255.254.0

Class C

CIDR	Addresses	Wildcard	Mask
/24	256	0.0.0.255	255.255.255.0
/25	128	0.0.0.127	255.255.255.128
/26	64	0.0.0.63	255.255.255.192
/27	32	0.0.0.31	255.255.255.224
/28	16	0.0.0.15	255.255.255.240
/29	8	0.0.0.7	255.255.255.248
/30	4	0.0.0.3	255.255.255.252

Reserved Ranges

Beginning	End
10.0.0.0	10.255.255.255
127.0.0.0	127.255.255.255
172.16.0.0	172.31.255.255
192.168.0.0	192.168.255.255

Classful Ranges

A	0.0.0.0	127.255.255.255
B	128.0.0.0	191.255.255.255
C	192.0.0.0	223.255.255.255

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Published 19th October, 2014.
Last updated 13th May, 2016.

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