

ip	Ip2Int
192.168.0.1	3232235521
127.255.255.255	2147483647
0.0.0.255	255

wildcard mask bit	wild2maskl
0.0.0.255	24
0.0.128.255	-1 err-case
255.255.255.255	0
0.0.0.0	32

prefix-len	maskl2wild
32	0.0.0.0
31	0.0.0.1
30	0.0.0.3
29	0.0.0.7
28	0.0.0.15
27	0.0.0.31
26	0.0.0.63
25	0.0.0.127
24	0.0.0.255
23	0.0.1.255
22	0.0.3.255
21	0.0.7.255
20	0.0.15.255
19	0.0.31.255
18	0.0.63.255
17	0.0.127.255
16	0.0.255.255
15	0.1.255.255
14	0.3.255.255
13	0.7.255.255
12	0.15.255.255
11	0.31.255.255
10	0.63.255.255
9	0.127.255.255
8	0.255.255.255
7	1.255.255.255
6	3.255.255.255
5	7.255.255.255
4	15.255.255.255
3	31.255.255.255
2	63.255.255.255
1	127.255.255.255
0	255.255.255.255

ip/wild	ipwild2ipmaskl
192.168.0.1/127.255.255.255	192.168.0.1/1
192.168.100.1/255.255.255.255	192.168.100.1/0
192.168.100.1/0.0.0.0	192.168.100.1/32

ip/prefix	ipmaskl2ipwild
192.168.255.1/17	192.168.255.1/0.0.127.255
192.168.255.1/18	192.168.255.1/0.0.63.255
192.168.255.1/25	192.168.255.1/0.0.0.127

wildcard mask bit	wild2subnetmask
0.0.0.255	255.255.255.0
0.0.128.255	255.255.127.0
0.0.0.0	255.255.255.255
127.255.255.255	128.0.0.0

ip/wild	ipwild2ipmaskl	ipwild2nwaddress	ipwild2broadaddr
192.168.255.1/0.0.127.255	192.168.255.1/17	192.168.128.0	192.168.255.255
192.168.128.1/0.0.127.255	192.168.128.1/17	192.168.128.0	192.168.255.255
192.168.128.1/0.0.0.3	192.168.128.1/30	192.168.128.0	192.168.128.3
192.168.128.7/0.0.0.7	192.168.128.7/29	192.168.128.0	192.168.128.7
192.168.128.8/0.0.0.7	192.168.128.8/29	192.168.128.8	192.168.128.15

ip	ipwild	ipinnet
192.168.0.0	192.168.0.1/0.0.0.255	TRUE
192.168.0.255	192.168.0.1/0.0.0.255	TRUE
192.168.1.0	192.168.0.1/0.0.0.255	FALSE
192.168.1.0	192.168.0.1/0.0.0.255	FALSE