(3,505) 40113 0683



192.168, 1, 0/24, n=4 $2^{n}=4=>n=2$ 11111111, 1111111111, 11111111, 11000000

192.168.1.0/26

255, 255.255.255.192 $2^{n}-2=>2^{6}-2=62$ 192.168.1.0 - 192.168.1.63

192.168.1.64 - 192.168.1.127

192.168.1.128-192.168.1.191

192.168.1.192-192.168.1.255

```
10.0.0.0/8, n=64
2"=64=>n=6
10.0.0.0
255.252.0.0
10.0.0.0 - 10.3.259.255
10.4,0.0-10.7.255.255
10.8.0.0-10.11.255.255
10.12.0.0 - 10.15. 255
10.16.0.0 - 10.19. 255.255
192.168,10.0/24,n=8
2=3=13=1
1111111.111111.111111.111111.11100000
192.168.10.0127
255.255.254
2 - 2 = 30
192.168.10.0 - 192.168.10.31
 192-168-10-32-192-168-10.63
192.168.10.64-192.168.10,95
192.168.10.96-192.168.10.127
192.168-10.128-192.168.10-159
```

```
172.31.0.0116,n=128
21 = 128=>n=7
255.255.254.0
172.31.0.0123
2"-2->21-2=0
172,31.0.0 - 172.31.1.255
172.31.2.0 - 172.31.3.255
172.31.4.0 - 172.31.5.255
172.31.6.0-172.31.7.255
172.31.20 -172,31.9,255
10.10.0.0/16, n=1000
2^{n} = 10024 => n = 10
255.255.192
10.10.0.0126
26-564-2=62
10.10.0.0-10.10.63
10.10.0.64 - 10.10.0.0.127
10.10.0.128 - 10.10.0.191
10.10.0.192 - 10.10.0.255
10.10.1.0-10.10.1.63
```

192.168.0.0/16, 1=1024 2° = 10024 => n = 10 255.255.255.192 192.168.00126 26-164-2=62 192.168.0.0-192.168.0.63 192.168.0.64-192.168.0.127 197.168.0.128-192.168.0.191 192.168.0.192-192.168.0.255 192.168.1,0-192.168.1.63

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