



NO	Hosts	Host address	dirección red	Masc	Masc dec. - Puntos	1/4 Id	Off	Mask
1	5000	8190	127.0.0.0	19	255.255.224.0	27.0.0.1	27.0.0.1	27.0.0.1
2	4000	4094	127.0.32.0	120	" " " 240 "	" " " 240 "	" " " 240 "	" " " 240 "
3	3000	4094	127.0.48.0	120	" " " 240 "	" " " 240 "	" " " 240 "	" " " 240 "
4	3000	4094	127.0.64.0	120	" " " 240 "	" " " 240 "	" " " 240 "	" " " 240 "
5	1500	2046	127.0.80.0	121	" " " 248 "	" " " 248 "	" " " 248 "	" " " 248 "
6	600	1022	127.0.88.0	122	" " " 252 "	" " " 252 "	" " " 252 "	" " " 252 "
7	500	310	127.0.92.0	123	" " " 254 "	" " " 254 "	" " " 254 "	" " " 254 "
8	250	254	127.0.94.0	124	" " " 255 "	" " " 255 "	" " " 255 "	" " " 255 "

- 1) 5000
- 2) 4000
- 3) 3000
- 4) 3000
- 5) 1500
- 6) 600
- 7) 500
- 8) 250

$$2^{13} / 2^{12} / 2^{11} / 2^{10} / 2^9 / 2^8 / 2^7 / 2^6 / 2^5 / 2^4 / 2^3 / 2^2 / 2^1 / 2^0$$

$$8192 / 4096 / 2048 / 1024 / 512 / 256 / 128 / 64 / 32 / 16 / 8 / 4 / 2 / 1$$

Mascara actual 11111111, 00000000, 00000000, 00000000
 255.0.0.0

$$2^n - 2 \geq \text{Hosts}$$

$$2^{13} - 2 = 8190$$

Nueva mascara = 11111111 11111111 11111111 00000000
 = 127.0.32.0 255.255.255.0

