

FLSM

Requisitos:	Formulas:				
Sub red = 12	2^ n				
Equipos = 30	2^ n -2				
	256 - x (Salto)				
2^4=16(4bits)		Sub red ip	First host IP	Last host IP	Broadcast ip
2^5-2=30(5bits)		172.16.0.0	172.16.0.1	172.16.15.254	172.16.15.255
11110000=240		172.16.16.0	172.16.16.1	172.16.31.254	172.16.31.255
256-240=16(salto)		172.16.32.0	172.16.32.1	172.16.47.254	172.16.47.255
Type B		172.16.48.0	172.16.48.1	172.16.63.254	172.16.63.255
255.255.000.000		172.16.64.0	172.16.64.1	172.16.79.254	172.16.79.255
172.16.0.0		172.16.80.0	172.16.80.1	172.16.95.254	172.16.95.255
		172.16.96.0	172.16.96.1	172.16.111.254	172.16.111.255
		172.16.112.0	172.16.112.1	172.16.127.254	172.16.127.255
		172.16.128.0	172.16.128.1	172.16.143.254	172.16.143.255
		172.16.144.0	172.16.144.1	172.16.159.254	172.16.159.255
		172.16.160.0	172.16.160.1	172.16.175.254	172.16.175.255
		172.16.176.0	172.16.176.1	172.16.191.254	172.16.191.255
Requisitos:	Formulas:				
Sub red = 8	2^ n				
Equipos = 60	2^ n -2				
	256 - x (Salto)				
2^3=8(3bits)		Sub red ip	First host IP	Last host IP	Broadcast ip
2^6-2=62(6bit)		172.16.0.0	172.16.0.1	172.16.31.254	172.16.31.255
11100000=224		172.16.32.0	172.16.32.1	172.16.63.254	172.16.63.255
256-224=32(salto)		172.16.64.0	172.16.64.1	172.16.95.254	172.16.95.255
Type B		172.16.96.0	172.16.96.1	172.16.127.254	172.16.127.255
255.255.000.000		172.16.128.0	172.16.128.1	172.16.159.254	172.16.159.255
172.16.0.0		172.16.160.0	172.16.160.1	172.16.191.254	172.16.191.255
		172.16.192.0	172.16.192.1	172.16.223.254	172.16.223.255
		172.16.224.0	172.16.224.1	172.16.255.254	172.16.255.255
Requisitos:	Formulas:				
Sub red = 16	2^ n				
Equipos = 20	2^ n -2				
	256 - x (Salto)				
2^4=16(4bits)		Sub red ip	First host IP	Last host IP	Broadcast ip
2^5-2=30(5bits)		172.16.0.0	172.16.0.1	172.16.15.254	172.16.15.255
11110000=240		172.16.16.0	172.16.16.1	172.16.31.254	172.16.31.255
256-240=16(salto)		172.16.32.0	172.16.32.1	172.16.47.254	172.16.47.255
Type B		172.16.48.0	172.16.48.1	172.16.63.254	172.16.63.255
255.255.000.000		172.16.64.0	172.16.64.1	172.16.79.254	172.16.79.255
172.16.0.0		172.16.80.0	172.16.80.1	172.16.95.254	172.16.95.255
		172.16.96.0	172.16.96.1	172.16.111.254	172.16.111.255
		172.16.112.0	172.16.112.1	172.16.127.254	172.16.127.255
		172.16.128.0	172.16.128.1	172.16.143.254	172.16.143.255
		172.16.144.0	172.16.144.1	172.16.159.254	172.16.159.255
		172.16.160.0	172.16.160.1	172.16.175.254	172.16.175.255
		172.16.176.0	172.16.176.1	172.16.191.254	172.16.191.255
		172.16.192.0	172.16.192.1	172.16.207.254	172.16.207.255
		172.16.208.0	172.16.208.1	172.16.223.254	172.16.223.255
		172.16.224.0	172.16.224.1	172.16.239.254	172.16.239.255
		172.16.240.0	172.16.240.1	172.16.255.254	172.16.255.255
Requisitos:	Formulas:				
Sub red = 24	2^ n				
Equipos = 10	2^ n -2				
	256 - x (Salto)				
2^5=32(5bits)		Sub red ip	First host IP	Last host IP	Broadcast ip
2^4=16(4bits)		172.16.0.0	172.16.0.1	172.16.7.254	172.16.7.255
11111000=248		172.16.8.0	172.16.8.1	172.16.15.254	172.16.15.255
256-248=8		172.16.24.0	172.16.24.1	172.16.23.254	172.16.23.255
Type B		172.16.32.0	172.16.32.1	172.16.31.254	172.16.31.255
255.255.000.000		172.16.40.0	172.16.40.1	172.16.39.254	172.16.39.255
172.16.0.0		172.16.48.0	172.16.48.1	172.16.47.254	172.16.47.255
		172.16.56.0	172.16.56.1	172.16.55.254	172.16.55.255
		172.16.64.0	172.16.64.1	172.16.63.254	172.16.63.255
		172.16.72.0	172.16.72.1	172.16.71.254	172.16.71.255
		172.16.80.0	172.16.80.1	172.16.79.254	172.16.79.255
		172.16.88.0	172.16.88.1	172.16.87.254	172.16.87.255
		172.16.96.0	172.16.96.1	172.16.95.254	172.16.95.255
		172.16.104.0	172.16.104.1	172.16.103.254	172.16.103.255
		172.16.112.0	172.16.112.1	172.16.111.254	172.16.111.255
		172.16.120.0	172.16.120.1	172.16.119.254	172.16.119.255
		172.16.128.0	172.16.128.1	172.16.127.254	172.16.127.255
		172.16.136.0	172.16.136.1	172.16.135.254	172.16.135.255
		172.16.144.0	172.16.144.1	172.16.143.254	172.16.143.255
		172.16.152.0	172.16.152.1	172.16.151.254	172.16.151.255
		172.16.160.0	172.16.160.1	172.16.159.254	172.16.159.255
		172.16.168.0	172.16.168.1	172.16.167.254	172.16.167.255
		172.16.176.0	172.16.0176.1	172.16.175.254	172.16.175.255
		172.16.184.0	172.16.184.1	172.16.183.254	172.16.183.255
		172.16.192.0	172.16.192.1	172.16.191.254	172.16.191.255
Requisitos:	Formulas:				
Sub red = 6	2^ n				
Equipos = 80	2^ n -2				
	256 - x (Salto)				
2^3=8(3bits)		Sub red ip	First host IP	Last host IP	Broadcast ip
2^7-2=126(7bits)		172.16.0.0	172.16.0.1	172.16.31.254	172.16.31.255
11100000=224		172.16.32.0	172.16.32.1	172.16.63.254	172.16.63.255
256-224=32(salto)		172.16.64.0	172.16.64.1	172.16.95.254	172.16.95.255
Type B		172.16.96.0	172.16.96.1	172.16.127.254	172.16.127.255
255.255.000.000		172.16.128.0	172.16.128.1	172.16.159.254	172.16.159.255
172.16.0.0		172.16.160.0	172.16.160.1	172.16.191.254	172.16.191.255
Requisitos:	Formulas:				
Sub red = 30	2^ n				
Equipos = 50	2^ n -2				
	256 - x (Salto)				
2^5=32(5bits)		Sub red ip	First host IP	Last host IP	Broadcast ip
2^6-2=62(6bit)		172.16.0.0	172.16.0.1	172.16.7.254	172.16.7.255
11111000=248		172.16.8.0	172.16.8.1	172.16.15.254	172.16.15.255
256-248=8(salto)		172.16.24.0	172.16.24.1	172.16.23.254	172.16.23.255
Type B		172.16.32.0	172.16.32.1	172.16.31.254	172.16.31.255
255.255.000.000		172.16.40.0	172.16.40.1	172.16.39.254	172.16.39.255
172.16.0.0		172.16.48.0	172.16.48.1	172.16.47.254	172.16.47.255
		172.16.56.0	172.16.56.1	172.16.55.254	172.16.55.255
		172.16.64.0	172.16.64.1	172.16.63.254	172.16.63.255
		172.16.72.0	172.16.72.1	172.16.71.254	172.16.71.255
		172.16.80.0	172.16.80.1	172.16.79.254	172.16.79.255
		172.16.88.0	172.16.88.1	172.16.87.254	172.16.87.255
		172.16.96.0	172.16.96.1	172.16.95.254	172.16.95.255
		172.16.104.0	172.16.104.1	172.16.103.254	172.16.103.255
		172.16.112.0	172.16.112.1	172.16.111.254	172.16.111.255
		172.16.120.0	172.16.120.1	172.16.119.254	172.16.119.255
		172.16.128.0	172.16.128.1	172.16.127.254	172.16.127.255
		172.16.136.0	172.16.136.1	172.16.135.254	172.16.135.255
		172.16.144.0	172.16.144.1	172.16.143.254	172.16.143.255
		172.16.152.0	172.16.152.1	172.16.151.254	172.16.151.255
		172.16.160.0	172.16.160.1	172.16.159.254	172.16.159.255
		172.16.168.0	172.16.168.1	172.16.167.254	172.16.167.255
		172.16.176.0	172.16.0176.1	172.16.175.254	172.16.175.255
		172.16.184.0	172.16.184.1	172.16.183.254	172.16.183.255
		172.16.192.0	172.16.192.1	172.16.191.254	172.16.191.255
		172.16.200.0	172.16.200.1	172.16.199.254	172.16.199.255
		172.16.208.0	172.16.208.1	172.16.207.254	172.16.207.255
		172.16.216.0	172.16.216.1	172.16.215.254	172.16.215.255
		172.16.224.0	172.16.224.1	172.16.223.254	172.16.223.255
		172.16.232.0	172.16.232.1	172.16.231.254	172.16.231.255
		172.16.240.0	172.16.240.1	172.16.239.254	172.16.239.255