



“Centro Universitário FIAP”

FIAP

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1 CÁLCULO DE SUBREDES E PLANEJAMENTO IP

Desenvolvedores
192.168.1.0
$2^4 - 2 \geq 10$
11111111.11111111.11111111.11110000
255.255.255.240
$256 - 240 = 16(4^\circ \text{ octeto})$

Rel c/ Cliente
192.168.1.16
$2^4 - 2 \geq 10$
11111111.11111111.11111111.11110000
255.255.255.240
$256 - 240 = 16(4^\circ \text{ octeto})$

Pesquisa
192.168.1.32
$2^4 - 2 \geq 10$
11111111.11111111.11111111.11110000
255.255.255.240
$256 - 240 = 16(4^\circ \text{ octeto})$

Governança
192.168.1.48
$2^3 - 2 \geq 5$
11111111.11111111.11111111.11111000
255.255.255.248
$256 - 248 = 8(4^\circ \text{ octeto})$

Marketing
192.168.1.56
$2^3 - 2 \geq 5$
11111111.11111111.11111111.11111000
255.255.255.248
$256 - 248 = 8(4^\circ \text{ octeto})$

Servidores
192.168.1.64
$2^2 - 2 \geq 2$
11111111.11111111.11111111.11111100
255.255.255.252
$256 - 252 = 4(4^\circ \text{ octeto})$



DEPTO	END REDE	1º END HOST	ULT END HOST	BROAD	MÁSCARA
Desenvolvedores	192.168.1.0	192.168.1.1	192.168.1.14	192.168.1.15	255.255.255.240
Rel c/ cliente	192.168.1.16	192.168.1.17	192.168.1.30	192.168.1.31	255.255.255.240
Pesquisa	192.168.1.32	192.168.1.33	192.168.1.46	192.168.1.47	255.255.255.240
Governança	192.168.1.48	192.168.1.49	192.168.1.54	192.168.1.55	255.255.255.248
Marketing	192.168.1.56	192.168.1.57	192.168.1.62	192.168.1.63	255.255.255.248
Servidor	192.168.1.64	192.168.1.65	192.168.1.66	192.168.1.67	255.255.255.252