192.168.10.0/24

11000000.10101000.00001010.00000000

**Sede**

**192.168.10.0**

**LAN Vendas: 20 hosts**

20+2 = 22

2^5= 32

32-5 = /27

REDE

11000000.10101000.00001010.000|00000

192.168.10.0/27

BROADCAST

11000000.10101000.00001010.000|11111

192.168.10.31/27

ENDEREÇO PC

192.168.10.1/27

GATEWAY

192.168.10.30/27

MASK

255.255.255.224

**LAN Recursos Humanos: 10 hosts**

10+2 = 12

2^4 = 16

32-4 = /28

REDE

11000000.10101000.00001010.0010|0000

192.168.10.32/28

BROADCAST

11000000.10101000.00001010.0010|1111

192.168.10.47/28

ENDEREÇO PC

192.168.10.33/28

GATEWAY

192.168.10.46/28

MASK

255.255.255.240

**LAN Administração: 5 hosts**

5+2 = 7

2^3 = 8

32-3 = /29

REDE

11000000.10101000.00001010.00110|000

192.168.10.48/29

BROADCAST

11000000.10101000.00001010.00110|111

192.168.10.55/29

ENDEREÇO PC

192.168.10.49/29

GATEWAY

192.168.10.54/28

MASK

255.255.255.248

**LAN Invitados: 5 hosts**

5+2 = 7

2^3 = 8

32-3 = /29

REDE

11000000.10101000.00001010.00111|000

192.168.10.56/29

BROADCAST

11000000.10101000.00001010.00110|111

192.168.10.63/29

ENDEREÇO PC

192.168.10.57/29

GATEWAY

192.168.10.62/29

MASK

255.255.255.248

**Sucursal 1**

**192.168.10.64**

**LAN Vendas: 20 hosts**

20+2 = 22

2^5= 32

32-5 = /27

REDE

11000000.10101000.00001010.010|00000

192.168.10.64/27

BROADCAST

11000000.10101000.00001010.010|11111

192.168.10.95/27

ENDEREÇO PC

192.168.10.65/27

GATEWAY

192.168.10.94/27

MASK

255.255.255.224

**LAN Recursos Humanos: 10 hosts**

10+2 = 12

2^4 = 16

32-4 = /28

REDE

11000000.10101000.00001010.0110|0000

192.168.10.96/28

BROADCAST

11000000.10101000.00001010.0110|1111

192.168.10.111/28

ENDEREÇO PC

192.168.10.97/28

GATEWAY

192.168.10.110/28

MASK

255.255.255.240

**LAN Administração: 5 hosts**

5+2 = 7

2^3 = 8

32-3 = /29

REDE

11000000.10101000.00001010.01110|000

192.168.10.112/29

BROADCAST

11000000.10101000.00001010.01110|111

192.168.10.119/29

ENDEREÇO PC

192.168.10.113/29

GATEWAY

192.168.10.118/29

MASK

255.255.255.248

**Sucursal 2**

**192.168.10.128**

**LAN Vendas: 20 hosts**

20+2 = 22

2^5= 32

32-5 = /27

REDE

11000000.10101000.00001010.100|00000

192.168.10.128/27

BROADCAST

11000000.10101000.00001010.100|11111

192.168.10.159/27

ENDEREÇO PC

192.168.10.129/27

GATEWAY

192.168.10.158/27

MASK

255.255.255.224

**LAN Recursos Humanos: 10 hosts**

10+2 = 12

2^4 = 16

32-4 = /28

REDE

11000000.10101000.00001010.1010|0000

192.168.10.160/28

BROADCAST

11000000.10101000.00001010.1010|1111

192.168.10.175/28

ENDEREÇO PC

192.168.10.161/28

GATEWAY

192.168.10.174/28

MASK

255.255.255.240

**LAN Administração: 5 hosts**

5+2 = 7

2^3 = 8

32-3 = /29

REDE

11000000.10101000.00001010.10110|000

192.168.10.176/29

BROADCAST

11000000.10101000.00001010.10110|111

192.168.10.183/29

ENDEREÇO PC

192.168.10.177/29

GATEWAY

192.168.10.182/28

MASK

255.255.255.248

**ADM**

**192.168.10.192**

**Server**

30+2 = 32

2^5 = 32

32-5 = /27

REDE

11000000.10101000.00001010.110|00000

192.168.10.192/27

BROADCAST

11000000.10101000.00001010.110|11111

192.168.10.223/27

ENDEREÇO PC

192.168.10.193/27

GATEWAY

192.168.10.222/27

MASK

255.255.255.224

**INV**

**192.168.10.224**

**LAN Sede**

6+2 = 8

2^4 = 8

32-4 = /28

REDE

11000000.10101000.00001010.1110|0000

192.168.10.224/28

BROADCAST

11000000.10101000.00001010.1110|1111

192.168.10.239/28

ENDEREÇO PC

192.168.10.225/28

GATEWAY

192.168.10.238/28

MASK

255.255.255.240