Enderecos IPV4 Publicos

Engenharia – 194.20.20.1/25

Antigo –

>Router 3 f2/0 194.20.20.65/27

>Router 3 f0/0-194.20.20.66/27

>PC-194.20.20.67/27

>Router 2 f0/0 – 194.20.20.68/27

NATPAT-194.20.20.96/28

>USAR de 97 a 108

>Nome- MYNATPOOL

DataCenter-194.20.20.112/28

>PC-194.20.20.113/28

>Router1-194.20.20.114/28

>A-194.20.20.115/28

>B-194.20.20.116/28

VideoConferencia-194.20.20.129/28

DMZ-194.20.20.144/28

>194.20.20.145/28 PC7

>194.20.20.146/28 Router 1 F0/0

Enderecos IPV4 Privados

Engenharia-192.168.1.1/24

Research-192.168.2.1/24

VoIP-192.168.3.1/24

VideoConf-192.168.4.0/24

DataCenter-192.168.5.0/24

>PC10-192.168.5.1/24

>Router1-192.168.5.2/24

>A- 192.168.5.3/24

>B- 192.168.5.4/24

Dmz-192.168.6.0/24

192.168.6.2/24 Router 1 F2/1

192.168.6.1/24 PC8

Antigo-192.168.7.0/24

192.168.7.0/25 Lado dos pcs

192.168.7.1/25 Router 3 f0/0

192.168.7.2/25 PC

192.168.7.128/25 Dos routers 2 e 3

192.168.7.129/25 R3 f2/0

192.168.7.130/25 R2 f0/0

R1-A-192.168.8.0/24

192.168.8.1/24 Router A f0/1

192.168.8.2/24 Router 1 f3/1

R1-B-192.168.9.0/24

192.168.9.1/24 Router B f0/0

192.168.9.2/24 Router 1 g4/0

R2-A-192.168.10.0/24

192.168.10.1/24 Router A f0/0

192.168.10.2/24 Router 2 f1/0

Endereços IPV6

Engenharia- 2200:A:A:0001::/64

Research-2200:A:A:0002: :/64

VoIP-2200:A:A: 0003: :/64

VideoConf-2200:A:A: 0004: :/64

DataCenter-2200:A:A: 0005::/64

PC9-0005::1/64

PC10-0005::2/64

Router1-0005::3/64

A-0005::4/64

B-0005::5/64

Dmz-2200:A:A: 0006: :/64

    2200:A:A:0006::1/64 PC7

    2200:A:A:0006::2/64 PC8

    2200:A:A:0006::3/64 Router 1 F0/0

Antigo-2200:A:A:0007: :/64

    R3-R2 2200:A:A:7:0::/68

        Interface R3 f2/0– 2200:A:A:7:0::1/68

        Interface R2 f0/0 - 2200:A:A:7:0::2/68

    R3-Esquerda-2200:A:A:7:1000::/68

        Interface R3 f0/0- 2200:A:A:7:1000::1/68

        Interface PC1-2200:A:A:7:1000::2/68

        Interface PC2-2200:A:A:7:1000::3/68

R1-A-2200:A:A:0008::/64

    2200:A:A:0008::1/64 Router A f0/1

    2200:A:A:0008::2/64 Router 1 f3/1

R1-B-2200:A:A: 0009: :/64

    2200:A:A:0009::1/64 Router B f0/0

    2200:A:A:0009::2/64 Router 1 g4/0

R2-A-2200:A:A: 000A: :/64

    2200:A:A:000A::1/64 Router A f0/0

    2200:A:A:000A::2/64 Router 2 f1/0

Vlans

Engenharia-Vlan 1

    EtherSwitch A

        194.20.20.2 255.255.255.192

        192.168.1.2 255.255.255.0

        2200:A:A:0001::3/64

    EtherSwitch B

194.20.20.3 255.255.192

192.168.1.3 255.255.255.0

2200:A:A:0001::4/64

Research-Vlan 2

EtherSwitch A

192.168.2.2 255.255.255.0

2200:A:A:0002::2/64

EtherSwitch B

192.168.2.3 255.255.255.0 <-

2200:A:A:0002::3/64

VoIP-Vlan 3

EtherSwitch A

192.168.3.2 255.255.255.0

2200:A:A:0003::2/64

EtherSwitch B

192.168.3.3 255.255.255.0

2200:A:A:0003::3/64

VideoConferencia-Vlan 4

EtherSwitch A

194.20.20.130 255.255.255.240 <-

192.168.4.2 255.255.255.0

2200:A:A:0004::3/64

EtherSwitch B

194.20.20.131 255.255.255.240 <-

192.168.4.3 255.255.255.0

2200:A:A:0004::4/64

R1(config)#$ MYNATPOOL 194.20.20.97 194.20.20.108 netmask 255.255.255.240

R1(config)#$ MYNATPOOL 194.20.20.97 194.20.20.108 netmask 255.255.255.240

R1(config)#access-list 2 permit 192.168.0.0 0.0.255.255

R1(config)#ip nat inside source list 2 pool MYNATPOOL