

NAT PAT

#Aveiro_ISP_PT1

conf t

```
ip nat Stateful id 1
primary 10.5.0.2
peer 10.5.0.6
mapping-id 10
```

end

conf t

```
ip nat pool POOL_A 100.20.0.97 100.20.0.102 netmask 255.255.255.248
access-list 1 permit 10.1.16.0 0.0.0.255
access-list 1 permit 10.0.16.0 0.0.0.255
access-list 1 permit 10.4.0.0 0.0.0.255
```

```
access-list 1 permit 10.0.18.0 0.0.0.255
access-list 1 permit 10.1.18.0 0.0.0.255
ip nat inside source list 1 pool POOL_A mapping-id 10 overload
int f1/0
ip nat inside
int f1/1
ip nat inside
int f0/0
ip nat outside
```

end

write

#AVEIRO_ISP_PT2

conf t

```
ip nat Stateful id 2
backup 10.5.0.6
peer 10.5.0.2
mapping-id 10
```

end

conf t

```
ip nat pool POOL_A 100.20.0.97 100.20.0.102 netmask 255.255.255.248
access-list 1 permit 10.1.16.0 0.0.0.255
access-list 1 permit 10.0.16.0 0.0.0.255
access-list 1 permit 10.4.0.0 0.0.0.255
```

```
access-list 1 permit 10.0.18.0 0.0.0.255
access-list 1 permit 10.1.18.0 0.0.0.255
ip nat inside source list 1 pool POOL_A mapping-id 10 overload
int f1/0
ip nat inside
int f1/1
ip nat inside
int f0/0
ip nat outside
```

end
write

LISBOA_ISP_PT1

conf t

```
ip nat Stateful id 1
primary 10.33.16.1
peer 10.33.16.2
mapping-id 20
```

end

conf t

```
ip nat pool POOL_L 100.20.0.185 100.20.0.190 netmask 255.255.255.248
access-list 2 permit 10.33.16.0 0.0.0.255
ip nat inside source list 2 pool POOL_L mapping-id 20 overload
int f1/0
ip nat inside
int f0/0
ip nat outside
```

end
write

LISBOA_ISP_PT2

conf t

ip nat Stateful id 2
backup 10.33.16.2
peer 10.33.16.1
mapping-id 20

end

conf t

ip nat pool POOL_L 100.20.0.185 100.20.0.190 netmask 255.255.255.248
access-list 2 permit 10.33.16.0 0.0.0.255
ip nat inside source list 2 pool POOL_L mapping-id 20 overload
int f1/0
ip nat inside
int f0/0
ip nat outside

end

write

BOSTON_ISP_US1

conf t

ip nat Stateful id 1
primary 10.65.0.1
peer 10.65.0.2
mapping-id 30

end

conf t

ip nat pool POOL_B 100.20.1.33 100.20.1.38 netmask 255.255.255.248
access-list 3 permit 10.65.0.0 0.0.0.255
ip nat inside source list 3 pool POOL_B mapping-id 30 overload
int f1/0
ip nat inside
int f0/0
ip nat outside

end

write

BOSTON_ISP_IS2

conf t

ip nat Stateful id 2
backup 10.65.0.2
peer 10.65.0.1
mapping-id 30

end

conf t

ip nat pool POOL_B 100.20.1.33 100.20.1.38 netmask 255.255.255.248
access-list 3 permit 10.65.0.0 0.0.0.255
ip nat inside source list 3 pool POOL_B mapping-id 30 overload
int f1/0
ip nat inside
int f0/0
ip nat outside

end

write