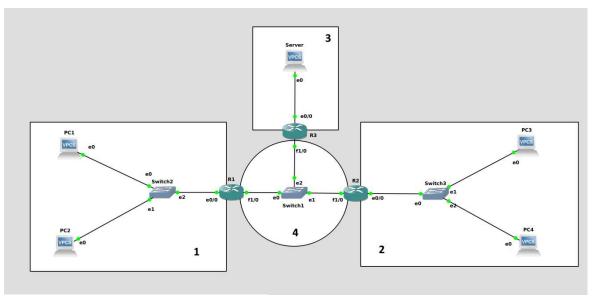
Redes de Comunicação 2020/2021

Relatório da meta intermédia

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1

Network - 193.136.212.128/26

- **R1** 193.136.212.190/26
- **PC1** 193.136.212.129/26
- **PC2** 193.136.212.130

3

Network -10.90.0.0/24

- **R3** 10.90.0.245/24
- Server 10.90.0.1/24

Comandos de configuração:

R1:

conf t

interface e0/0

ip address 193.136.212.190 255.255.255.192

no shut

exit

interface f1/0

ip address 193.136.212.225 255.255.255.248

no shut

exit

ip route 193.136.212.192 255.255.255.224 193.136.212.226

exit

R2:

conf t interface e0/0

ip address 193.136.212.222 255.255.255.224

no shut

exit

interface f1/0

ip address 193.136.212.226 255.255.255.248

no shut

exi

ip route 193.136.212.128 255.255.255.192 193.136.212.225

exit

2

Network - 193.136.212.192/27

- **R2** 193.136.212.222/27
- **PC3** 193.136.212.193/27
- **PC4** 193.136.212.194/27

4

Network - 193.136.212.224/29

- **R1** 193.136.212.225/29
- **R2** 193.136.212.226/29
- **R3** 193.136.212.227/29

R3:

conf t

interface e0/0

ip address 10.90.0.254 255.255.255.0

ip nat inside

no shut

exit

interface f1/0

ip address 193.136.212.227 255.255.255.248

ip nat outside

no shut

exit

ip route 193.136.212.128 255.255.255.192 193.136.212.225

ip route 193.136.212.192 255.255.255.224 193.136.212.226

access-list 1 permit 10.90.0.0 0.0.0.255

ip nat inside source list 1 interface f1/0 overload

ip nat inside source static tcp 10.90.0.1 80 193.136.212.227 80 exit

PC1: ip 193.136.212.129/26 193.136.212.190

PC2: ip 193.136.212.130/26 193.136.212.190

PC3: ip 193.136.212.193/27 193.136.212.222

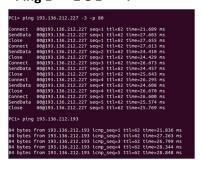
PC4: ip 193.136.212.194/27 193.136.212.222

Server: ip 10.90.0.1/24 10.90.0.254

Ping 1 -> 2 e 1 -> 4

Ping 2 -> 1 e 2 -> 4

Ping 3 -> 1 e 3 -> 2



```
PC3- ping 193.136.212.227 -3 -p 80

Cannett 808(03.16.62.12.227 seq.1 title02 time.19.924 ms

Sendotat 808(03.16.62.12.227 seq.2 title02 time.19.824 ms

Sendotat 808(03.16.62.12.227 seq.2 title02 time.1.844 ms

Connect 808(03.16.612.227 seq.2 title02 time.25.846 ms

close 808(03.16.212.227 seq.2 title02 time.25.878 ms

Connect 808(03.16.212.227 seq.2 title02 time.25.885 ms

Connect 808(03.16.212.227 seq.2 title02 time.25.485 ms

Connect 808(03.16.212.227 seq.2 title02 time.25.485 ms

Connect 808(03.16.212.227 seq.2 title02 time.25.485 ms

Connect 808(03.16.212.227 seq.2 title02 time.27.745 ms

Sendotat 808(03.16.212.227 seq.2 title02 time.27.745 ms

Sendotat 808(03.16.212.227 seq.2 title02 time.39.390 ms

PC3- ping 193.136.212.227 seq.2 title02 time.39.390 ms

PC3- ping 193.136.212.1210 (cmg.qen.2 title02 time.27.23 ms

Se bytes from 193.136.212.120 (cmg.qen.2 title02 time.27.23 ms

Set bytes from 193.136.212.120 (cmg.qen.2 title02 time.27.23 ms

Set bytes from 193.136.212.120 (cmg.qen.2 title02 time.27.23 ms

Set bytes from 193.136.212.120 (cmg.qen.2 title02 time.27.24 ms

Set bytes from 193.136.212.120 (cmg.qen.2 title02 time.27.24 ms

Set bytes from 193.136.212.120 (cmg.qen.2 title02 time.27.24 ms

Set bytes from 193.136.212.120 (cmg.qen.2 title02 time.27.489 ms
```

```
Server> ping 193.136.212.129

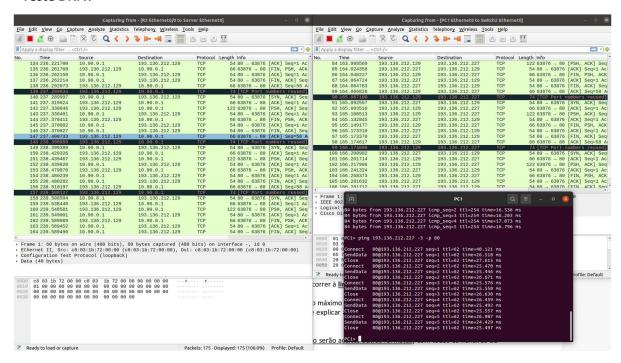
84 bytes from 193.136.212.129 icmp_seq=1 ttl=62 time=40.106 ms
84 bytes from 193.136.212.129 icmp_seq=2 ttl=62 time=26.677 ms
84 bytes from 193.136.212.129 icmp_seq=2 ttl=62 time=26.687 ms
84 bytes from 193.136.212.129 icmp_seq=4 ttl=62 time=26.227 ms
84 bytes from 193.136.212.129 icmp_seq=5 ttl=62 time=27.110 ms

Server> ping 193.136.212.193

193.136.212.193 icmp_seq=1 timeout
84 bytes from 193.136.212.193 icmp_seq=2 ttl=62 time=27.542 ms
84 bytes from 193.136.212.193 icmp_seq=3 ttl=62 time=27.542 ms
84 bytes from 193.136.212.193 icmp_seq=5 ttl=62 time=27.477 ms
84 bytes from 193.136.212.193 icmp_seq=5 ttl=62 time=27.906 ms

Server>
```

Teste DNAT



Teste SNAT

