```
1)
En Rcentral3

ip dhcp excluded-address 192.168.130.5
ip dhcp pool red1
network 192.168.130.0 255.255.255.0
default-router 192.168.130.1
dns-server 192.168.130.5
exit

2) OSPF en AS300
En RCentral1
router ospf 55
network 10.1.1.0 0.0.0.255 area 0
exit

En R1
router ospf 55
network 10.1.1.0 0.0.0.255 area 0
network 192.168.110.0 0.0.0.255 area 1
exit

3)RIP en AS300

En RCentral1
router rip
network 10.2.2.0
exit

En R2
router rip
network 10.2.2.0
network 192.168.120.0
exit

4)
En RCentral3
ip nat pool izquierda 172.60.20.6 172.60.20.6 netmask 255.255.255.0
ip nat pool derecha 100.10.60.6 100.10.60.6 netmask 255.255.255.0
access-list 40 permit 192.168.130.0 0.0.0.255
access-list 40 permit 192.168.140.0 0.0.0.255

ip nat inside source list 40 pool izquierda overload
ip nat inside source list 40 pool derecha overload

ip nat inside source static 192.168.130.5 100.10.60.100

interface Fa0/0
ip address 192.168.130.1 255.255.255.0
```

```
no shutdown
ip nat inside
exit

interface Fa0/1
ip address 192.168.140.1 255.255.255.0
no shutdown
ip nat inside
exit


interface Se0/0/0
ip address 172.60.20.2 255.255.255.0
no shutdown
ip nat outside
exit

interface Se0/0/1
ip address 100.10.60.2 255.255.255.0
no shutdown
ip nat outside
exit
```

5)

En Router-ISP1

Uno de los router debe publicar la red 100.10.50.0/24
para que las redes privadas salgan por nat

```
router bgp 100
neighbor 100.10.50.2 remote-as 300
network 100.10.50.0 mask 255.255.255.0
exit
```

En Rcentral1
ya no es necesario publicar 100.10.50.0 porque se publico en ISP1

```
router bgp 300
neighbor 100.10.50.1 remote-as 100
exit
```

En R1 y R2 hay que usar rutados por defecto

En R1
```
ip route 0.0.0.0 0.0.0.0 Fa0/1
```
o tambien
```
ip route 0.0.0.0 0.0.0.0 10.1.1.1
```

```
En R2
ip route 0.0.0.0 0.0.0.0 Fa0/1
o tambien
ip route 0.0.0.0 0.0.0.0 10.2.2.1
```