```
    ROTEADOR LEONARDO
ip dhcp pool CAMPUS_1
 network 172.100.0.0 255.255.255.128
 default-router 172.100.0.1
ip dhcp pool diretoria
 network 172.100.1.232 255.255.255.248
 default-router 172.100.1.234

interface GigabitEthernet0/0
 no ip address
 ip nat inside
 duplex auto
 speed auto
!
interface GigabitEthernet0/0.1
 encapsulation dot1Q 10
 ip address 172.100.0.1 255.255.255.128
!
interface GigabitEthernet0/0.2
 encapsulation dot1Q 20
 ip address 172.100.1.234 255.255.255.248
!
interface GigabitEthernet1/0
 no ip address
 duplex auto
 speed auto
 shutdown
!
interface Serial2/0
 ip address 176.100.1.1 255.255.255.252
 clock rate 2000000
!
interface Serial3/0
 ip address 176.100.1.5 255.255.255.252
 clock rate 2000000
!
interface FastEthernet4/0
 no ip address
 shutdown
!
interface FastEthernet5/0
 no ip address
 shutdown
!
interface Serial6/0
 ip address 202.68.3.1 255.255.255.252
 ip nat outside
 clock rate 2000000
!
router ospf 1
 router-id 3.3.3.3
 log-adjacency-changes
```

```
 network 172.100.0.0 0.0.0.127 area 0
 network 176.100.1.0 0.0.0.3 area 0
 network 176.100.1.4 0.0.0.3 area 0
 network 202.68.3.0 0.0.0.3 area 0
 network 172.100.1.232 0.0.0.7 area 0
!
ip nat inside source list 1 interface Serial6/0 overload
ip classless
!
```

SWITCH

```
interface FastEthernet0/1
 switchport access vlan 10
 switchport mode access
 switchport port-security
 switchport port-security mac-address sticky
 switchport port-security mac-address sticky 0001.426D.B6D8

interface FastEthernet0/24
 switchport access vlan 20
 switchport mode access
 switchport port-security
 switchport port-security mac-address sticky
 switchport port-security mac-address sticky 00D0.580E.D0C7
!
interface GigabitEthernet0/1
 switchport mode trunk
```

ROTEADOR SILVA

```
interface GigabitEthernet0/0
 ip address 172.100.1.1 255.255.255.128
 ip access-group 1 in
 duplex auto
 speed auto


interface Serial2/0
 ip address 176.100.1.6 255.255.255.252
!
interface Serial3/0
 ip address 176.100.1.9 255.255.255.252
 clock rate 2000000
!
interface FastEthernet4/0
 no ip address
 shutdown
!
interface FastEthernet5/0
 no ip address
```

```
 shutdown
!
router ospf 1
 log-adjacency-changes
 network 172.100.1.0 0.0.0.127 area 0
 network 176.100.1.4 0.0.0.3 area 0
 network 176.100.1.8 0.0.0.3 area 0
!
ip classless
!
ip flow-export version 9
!
!
access-list 1 deny host 172.100.1.2
access-list 1 permit any
```

ROTEADOR FRANCO

```
interface GigabitEthernet0/0
 ip address 172.100.2.1 255.255.255.128
 duplex auto
 speed auto
 standby 1 ip 172.100.2.100
 standby 1 priority 150
!
interface GigabitEthernet1/0
 no ip address
 duplex auto
 speed auto
 shutdown
!
interface Serial2/0
 ip address 176.100.1.2 255.255.255.252
!
interface Serial3/0
 ip address 176.100.1.10 255.255.255.252
!
router ospf 1
 log-adjacency-changes
 network 172.100.2.0 0.0.0.127 area 0
 network 176.100.1.0 0.0.0.3 area 0
 network 176.100.1.8 0.0.0.3 area 0
```

Franco 2

```
interface FastEthernet0/0
 ip address 172.100.2.6 255.255.255.128
 duplex auto
 speed auto
 standby 1 ip 172.100.2.100
!
interface Serial2/0
```

```
 ip address 205.104.1.1 255.255.255.252
!
interface Serial3/0
 no ip address
 clock rate 2000000
 shutdown
!
router ospf 1
 log-adjacency-changes
 network 172.100.2.0 0.0.0.127 area 0
 network 205.104.1.0 0.0.0.3 area 0
!
```