

Si tienes la suerte de tener un router Cisco de los buenos, de esos gestionables via consola o SSH, y quieres conectarlo a Internet mediante una ONT sigue este hack:

### PARA SIMYO/ORANGE

**NOTA:** Para la conexión de Simyo/Orange no se requiere encapsulamiento ppp. La conexión va por DHCP sobre la VLAN 832.

```
enable
configure terminal
!INTERFACES
interface GigabitEthernet0/0
description WAN
mac-address aabb.ccdd.eeff
no ip address
duplex auto
speed auto
no shutdown
exit
interface GigabitEthernet0/0.832
ip address dhcp
description VLANDatosSimyo
encapsulation dot1Q 832
ip nat outside
no shutdown
exit
interface Vlan1
ip address 192.168.0.1 255.255.255.0
ip nat inside
no shutdown
exit
!NAT/PAT
ip access-list extended ListaInternet
permit ip 192.168.0.0 0.0.0.255 any
deny ip any any
exit
ip nat inside source list ListaInternet interface GigabitEthernet0/0.832 overload
!RUTAS
ip route 0.0.0.0 0.0.0.0 GigabitEthernet0/0.832
!DHCP
service dhcp
ip dhcp pool PoolLANCisco
network 192.168.0.0 255.255.255.0
default-router 192.168.0.1
dns-server 9.9.9.9 149.112.112.112
domain-name home.arpa
exit
ip dhcp excluded-address 192.168.0.1 192.168.0.99
```

```
ip dhcp excluded-address 192.168.0.200 192.168.0.254
```

```
! Cortafuegos
! Tráfico establecido
  permit tcp any any established
  permit icmp any any echo-reply
  permit udp any any eq 53
! SSH
  permit tcp any host 10.14.4.163 eq 22
```

[Artículo original](#)

## PARA MOVISTAR

**NOTA:** Para la conexión de Movistar se requiere encapsulamiento ppp con credenciales..

```
enable
configure terminal
interface GigabitEthernet0/0
  description WAN
  no ip address
  duplex auto
  speed auto
  no shutdown
  exit
interface GigabitEthernet0/0.6
  encapsulation dot1q 6
  pppoe enable group global
  pppoe-client dial-pool-number 1
  exit
interface Vlan1
  ip address 192.168.0.1 255.255.255.0
  ip nat inside
  ip virtual-reassembly
  ip tcp adjust-mss 1412
  exit
interface Dialer0
  ip address negotiated
  ip mtu 1452
  ip nat outside
  ip virtual-reassembly
  encapsulation ppp
  dialer pool 1
  dialer-group 1
  no cdp enable
  ppp authentication chap pap callin
```

```
ppp chap hostname adslppp@telefonicanetpa
ppp chap password
ppp pap sent-username
crypto map SDM_CMAP_1

ip forward-protocol nd
ip route 0.0.0.0 0.0.0.0 Dialer0
```

```
! Cortafuegos
! Tráfico establecido
  permit tcp any any established
  permit icmp any any echo-reply
  permit udp any any eq 53
! SSH
  permit tcp any host 10.14.4.163 eq 22
```

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Otro artículo

 [Sustitución de router Movistar con un router neutro Cisco](#)