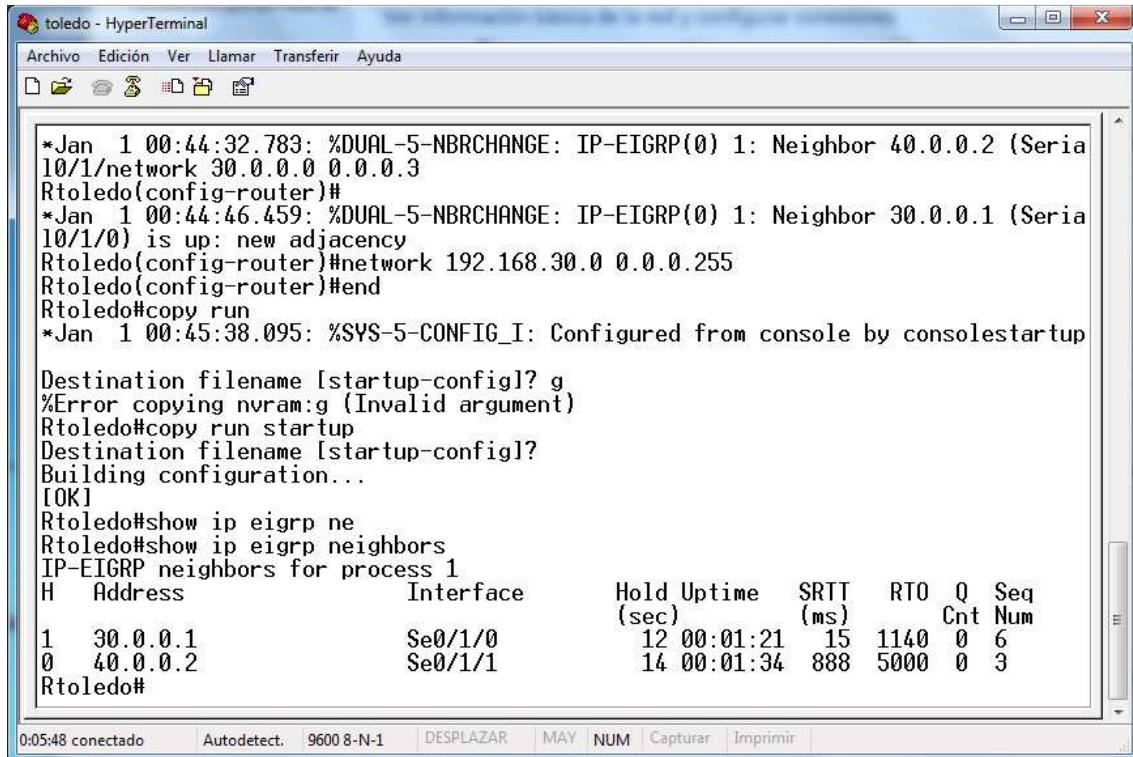


## Enrutamiento EIGRP por Ariadna Cantero Fernández y José Carlos Roncero Blanco.

Vecinos mediante eigrp



```
toledo - HyperTerminal
Archivo Edición Ver Llamar Transferir Ayuda
*Jan 1 00:44:32.783: %DUAL-5-NBRCHANGE: IP-EIGRP(0) 1: Neighbor 40.0.0.2 (Serial0/1/network 30.0.0.0 0.0.0.3)
Rtoledo(config-router)#
*Jan 1 00:44:46.459: %DUAL-5-NBRCHANGE: IP-EIGRP(0) 1: Neighbor 30.0.0.1 (Serial0/1/0) is up: new adjacency
Rtoledo(config-router)#network 192.168.30.0 0.0.0.255
Rtoledo(config-router)#end
Rtoledo#copy run
*Jan 1 00:45:38.095: %SYS-5-CONFIG_I: Configured from console by consolestartup
Destination filename [startup-config]? g
%Error copying nvram:g (Invalid argument)
Rtoledo#copy run startup
Destination filename [startup-config]?
Building configuration...
[OK]
Rtoledo#show ip eigrp ne
Rtoledo#show ip eigrp neighbors
IP-EIGRP neighbors for process 1
H   Address                Interface      Hold Uptime   SRTT  RTO  Q  Seq
   (sec)                  (ms)
1   30.0.0.1                 Se0/1/0       12 00:01:21   15   1140 0 6
0   40.0.0.2                 Se0/1/1       14 00:01:34   888  5000 0 3
Rtoledo#
```

0:05:48 conectado Autodetect. 9600 8-N-1 DESPLAZAR MAY NUM Capturar Imprimir

Ping mediante eigrp con nuestros vecinos

```
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Rtoledo(config-router)#end
Rtoledo#copy run
*Jan 1 00:45:38.095: %SYS-5-CONFIG_I: Configured from console by consolestartup
Destination filename [startup-config]? g
%Error copying nvram:g (Invalid argument)
Rtoledo#copy run startup
Destination filename [startup-config]?
Building configuration...
[OK]
Rtoledo#show ip eigrp ne
Rtoledo#show ip eigrp neighbors
IP-EIGRP neighbors for process 1
H   Address                Interface      Hold Uptime    SRTT  RTO  Q  Seq
   (sec)                    (ms)          (ms)  (ms)  Cnt  Num
1   30.0.0.1                  Se0/1/0       12 00:01:21    15   1140 0   6
0   40.0.0.2                  Se0/1/1       14 00:01:34   888   5000 0   3
Rtoledo#ping 192.168.40.15
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 192.168.40.15, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 184/184/188 ms
Rtoledo#
```

```
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 192.168.40.15, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 184/184/188 ms
Rtoledo#ping 20.0.0.1
Type escape sequence to abort.
Sending 5, 100-byte ICMP Echos to 20.0.0.1, timeout is 2 seconds:
!!!!
Success rate is 100 percent (5/5), round-trip min/avg/max = 44/46/48 ms
```

Show ip route

```
toledo - HyperTerminal
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ia - IS-IS inter area, * - candidate default, U - per-user static route
o - ODR, P - periodic downloaded static route

Gateway of last resort is not set

O   192.168.25.0/24 [110/782] via 30.0.0.1, 00:03:42, Serial0/1/0
    20.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
O   20.0.0.0/30 [110/1562] via 30.0.0.1, 00:03:42, Serial0/1/0
D   20.0.0.0/8 [90/21024000] via 30.0.0.1, 00:10:08, Serial0/1/0
O   192.168.10.0/24 [110/2344] via 30.0.0.1, 00:03:42, Serial0/1/0
D   192.168.40.0/24 [90/20514560] via 40.0.0.2, 00:10:19, Serial0/1/1
D   192.168.20.0/24 [90/21026560] via 30.0.0.1, 00:10:08, Serial0/1/0
    40.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
C   40.0.0.0/30 is directly connected, Serial0/1/1
D   40.0.0.0/8 is a summary, 00:10:08, Null0
    10.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
O   10.0.0.0/30 [110/2343] via 30.0.0.1, 00:03:42, Serial0/1/0
D   10.0.0.0/8 [90/21536000] via 30.0.0.1, 00:10:08, Serial0/1/0
    30.0.0.0/8 is variably subnetted, 2 subnets, 2 masks
C   30.0.0.0/30 is directly connected, Serial0/1/0
D   30.0.0.0/8 is a summary, 00:10:33, Null0
Rtoledo#
Rtoledo#
Rtoledo#_

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```

Show ip protocols

```
toledo - HyperTerminal
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Default version control: send version 2, receive version 2
Interface          Send Recv Triggered RIP Key-chain
FastEthernet0/0    2     2
Serial0/1/0        2     2
Serial0/1/1        2     2
Automatic network summarization is in effect
Maximum path: 4
Routing for Networks:
 30.0.0.0
 40.0.0.0
192.168.30.0
Routing Information Sources:
 Gateway      Distance    Last Update
 30.0.0.1     120         00:00:18
 40.0.0.2     120         00:00:03
Distance: (default is 120)

Routing Protocol is "eigrp 1"
  Outgoing update filter list for all interfaces is not set
  Incoming update filter list for all interfaces is not set
  Default networks flagged in outgoing updates
  Default networks accepted from incoming updates
  EIGRP metric weight K1=1, K2=0, K3=1, K4=0, K5=0
  --More-- _

0:15:43 conectado Autodetect. 9600 8-N-1 DESPLAZAR MAY NUM Capturar Imprimir
```