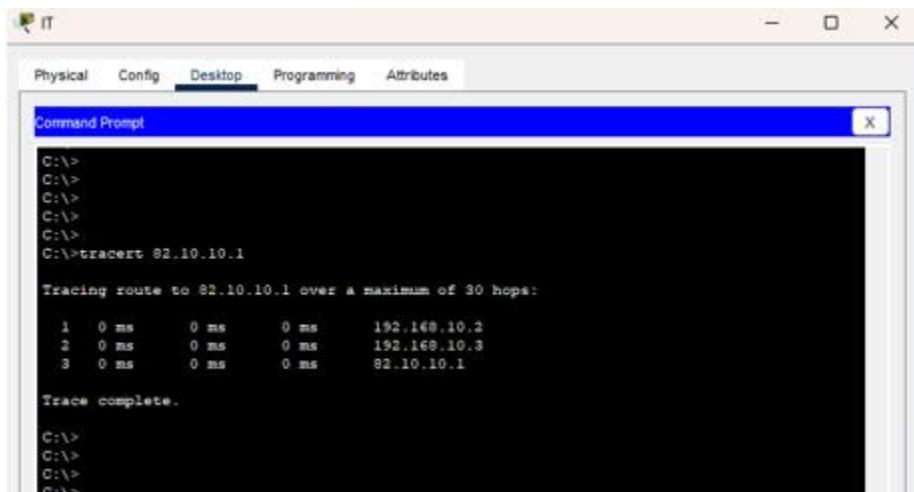


## Teste de funcționare

1. Connectivity: Tracert complet de la orice host până la adresa IP externă (Internet).

IT(Vlan10)



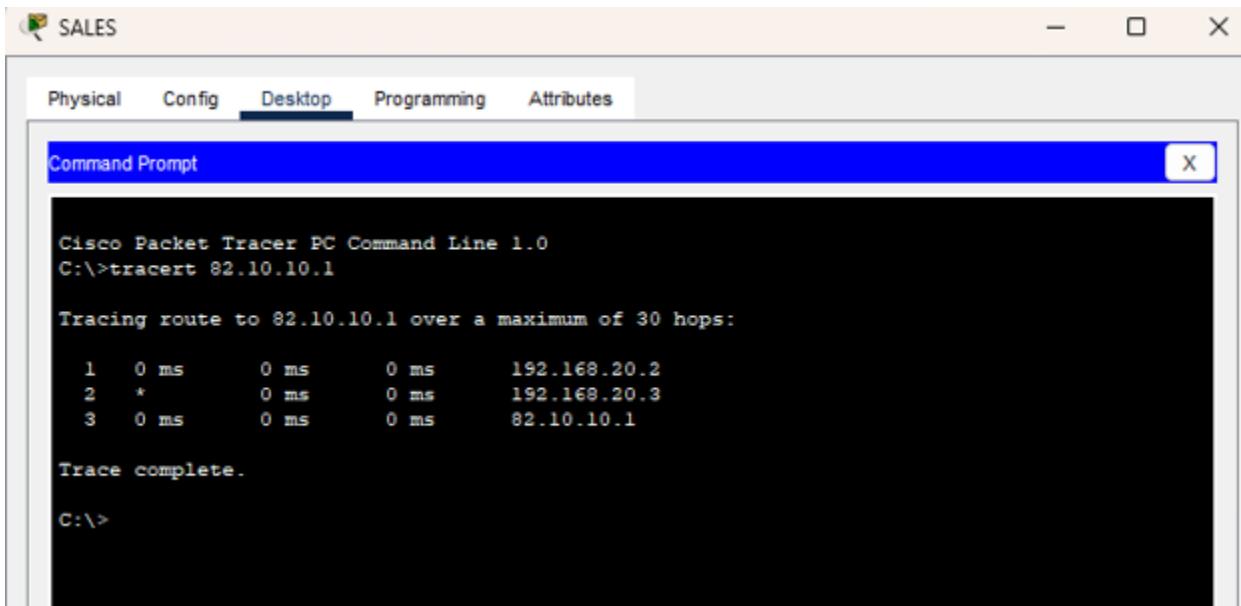
```
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>tracert 82.10.10.1

Tracing route to 82.10.10.1 over a maximum of 30 hops:
  1  0 ms      0 ms      0 ms      192.168.10.2
  2  0 ms      0 ms      0 ms      192.168.10.3
  3  0 ms      0 ms      0 ms      82.10.10.1

Trace complete.

C:\>
C:\>
C:\>
C:\>
```

SALES(Vlan20)



```
Cisco Packet Tracer PC Command Line 1.0
C:\>tracert 82.10.10.1

Tracing route to 82.10.10.1 over a maximum of 30 hops:
  1  0 ms      0 ms      0 ms      192.168.20.2
  2  *         0 ms      0 ms      192.168.20.3
  3  0 ms      0 ms      0 ms      82.10.10.1

Trace complete.

C:\>
```

## HR(Vlan30)

```
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>
C:\>tracert 82.10.10.1

Tracing route to 82.10.10.1 over a maximum of 30 hops:
  1  0 ms      0 ms      0 ms      192.168.30.2
  2  *         0 ms      0 ms      192.168.30.3
  3  0 ms      0 ms      0 ms      82.10.10.1

Trace complete.

C:\>
```

2. Security Check: Departamental HR nu poate accesa rețeaua IT (confirmat prin ACL logs).

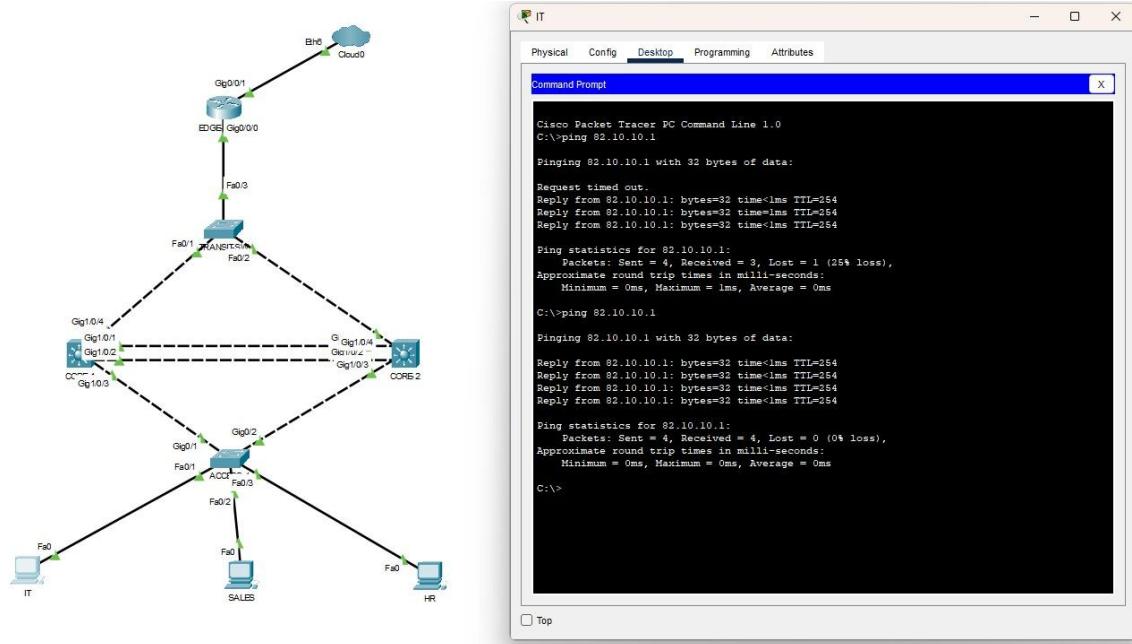
```
C:\>
C:\>ping 192.168.10.4

Pinging 192.168.10.4 with 32 bytes of data:
Reply from 192.168.30.2: Destination host unreachable.

Ping statistics for 192.168.10.4:
  Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
```

3. Failover Test: Rețeaua rămâne activă și ping-ul continuă chiar dacă unul dintre switch-urile Core este oprit.

### CORE-1----ACTIV



### CORE-1---DEZACTIVAT

