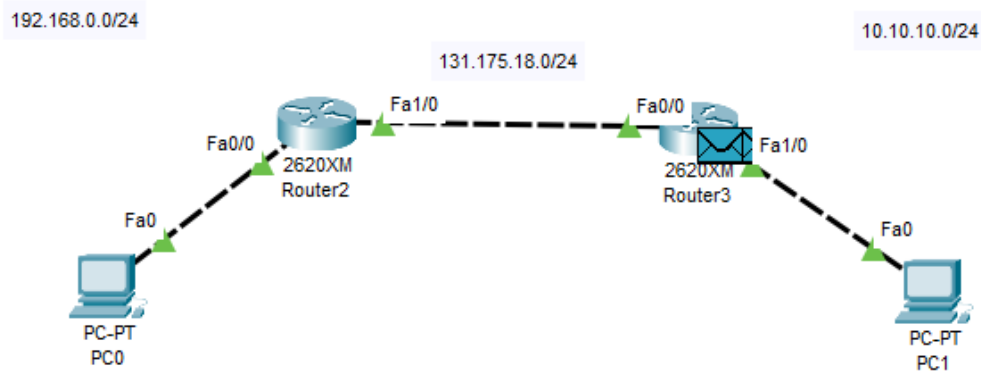


Ho provato per ore ma quando aggiungo lo switch il pacchetto si ferma, l'unico modo in cui sono riuscito è stato mettere due router con un pc direttamente attaccato a ognuno di essi. Quando aggiungevo switch+secondo pc alla sottorete il sistema mi smetteva di funzionare e i pacchetti ritornavano.

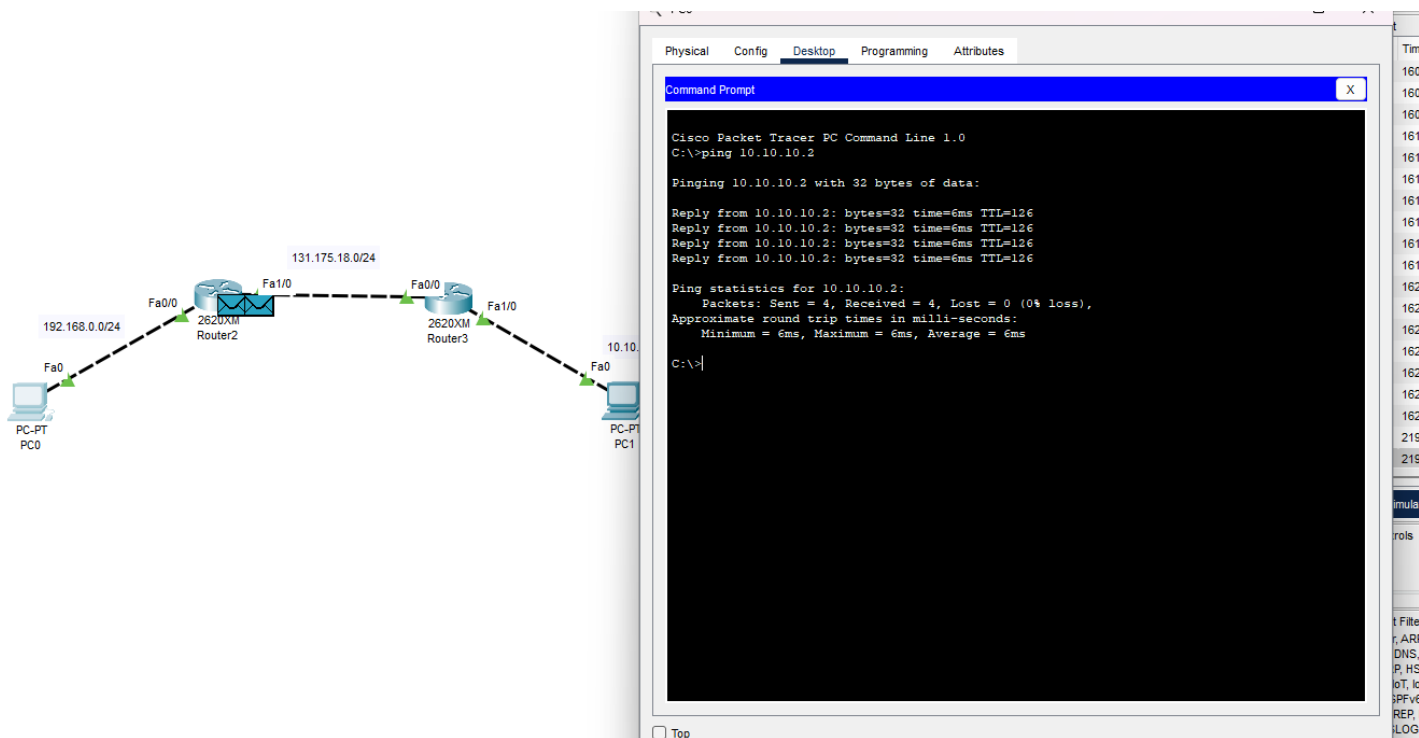


I due router sono collegati da una rete a se, mentre i collegamenti da router a pc sono con rete diversa tra loro.

Rete tra router2/pc0 192.168.0.0/24

rete tra router 3/pc1 10.10.10.0/24

rete tra router2/router 3 131.175.18.0/24



La prova di ping tra pc 0 e pc1, funzionante.

Router2

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Static Routes

Network

Mask

Next Hop

Add

Network Address

10.10.10.0/24 via 131.175.18.2

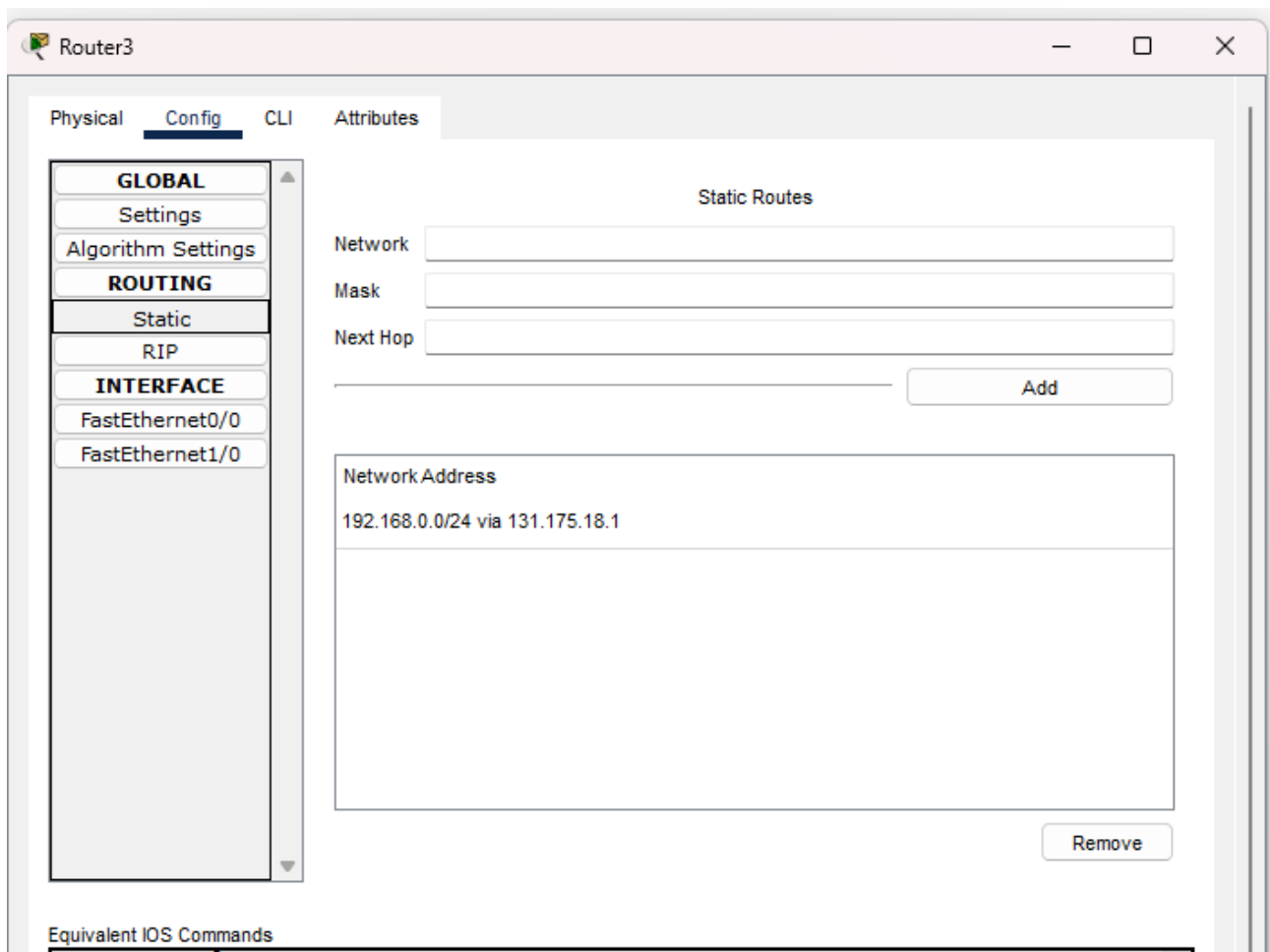
Remove

Equivalent IOS Commands

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

%LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to down

Routing del primo router,collegato a pc0



routing del secondo router,collegato a pc 1.

```
Router(config)#exit
Router#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, 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

    10.0.0.0/24 is subnetted, 1 subnets
S       10.10.10.0 [1/0] via 131.175.18.2
    131.175.0.0/24 is subnetted, 1 subnets
C       131.175.18.0 is directly connected, FastEthernet1/0
C       192.168.0.0/24 is directly connected, FastEthernet0/0

Router#
```

ip route router 2

```
Router(config)#exit
Router#show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, 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

    10.0.0.0/24 is subnetted, 1 subnets
C       10.10.10.0 is directly connected, FastEthernet1/0
    131.175.0.0/24 is subnetted, 1 subnets
C       131.175.18.0 is directly connected, FastEthernet0/0
S       192.168.0.0/24 [1/0] via 131.175.18.1

Router#
```

ip route router 3