1. Examen des routes statiques.

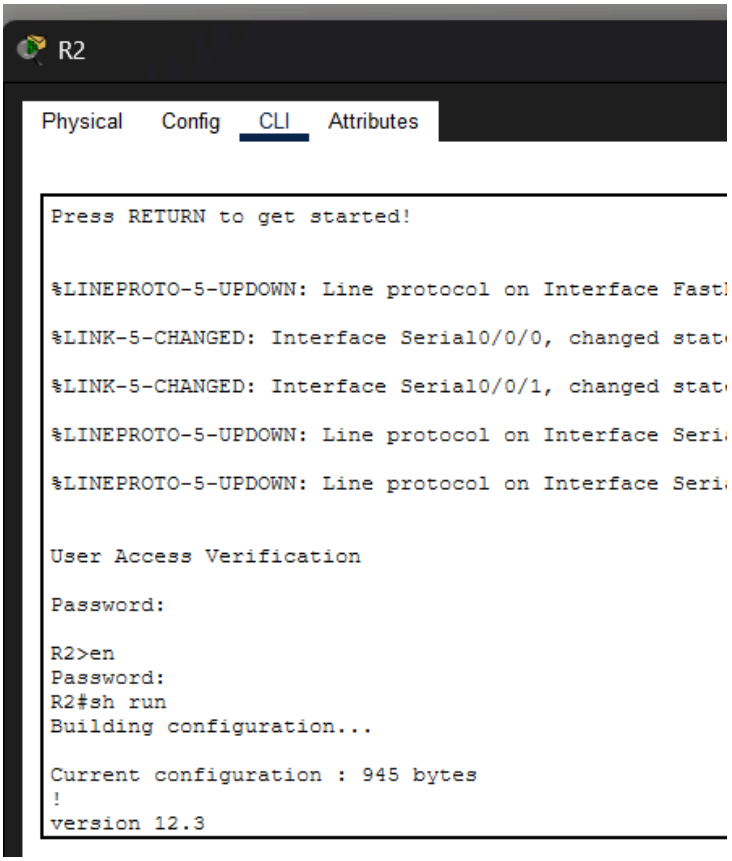
entrée du MDP et sh run pour le R1

```
Password:

R1>en
Password:
R1#sh run
Building configuration...

Current configuration : 931 bytes
!
version 12.3
no service timestamps log datetime msec
no service timestamps debug datetime msec
no service password-encryption
!
hostname R1
!
```

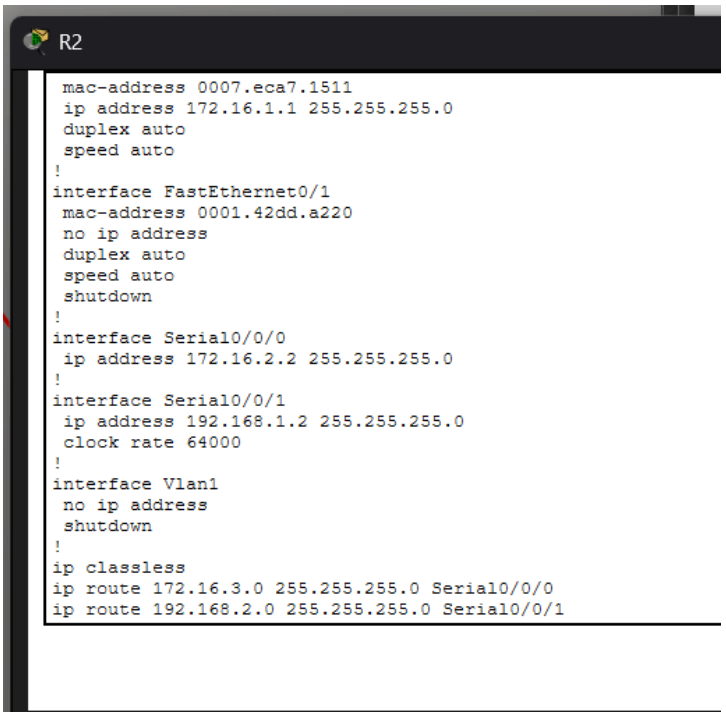
sh IP route R1

```
R1#
R1#
R1#sh 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

     172.16.0.0/24 is subnetted, 3 subnets
S       172.16.1.0 [1/0] via 172.16.2.2
C       172.16.2.0 is directly connected, Serial0/0/0
C       172.16.3.0 is directly connected, FastEthernet0/0
S    192.168.1.0/24 [1/0] via 172.16.2.2
S    192.168.2.0/24 [1/0] via 172.16.2.2

R1#
```

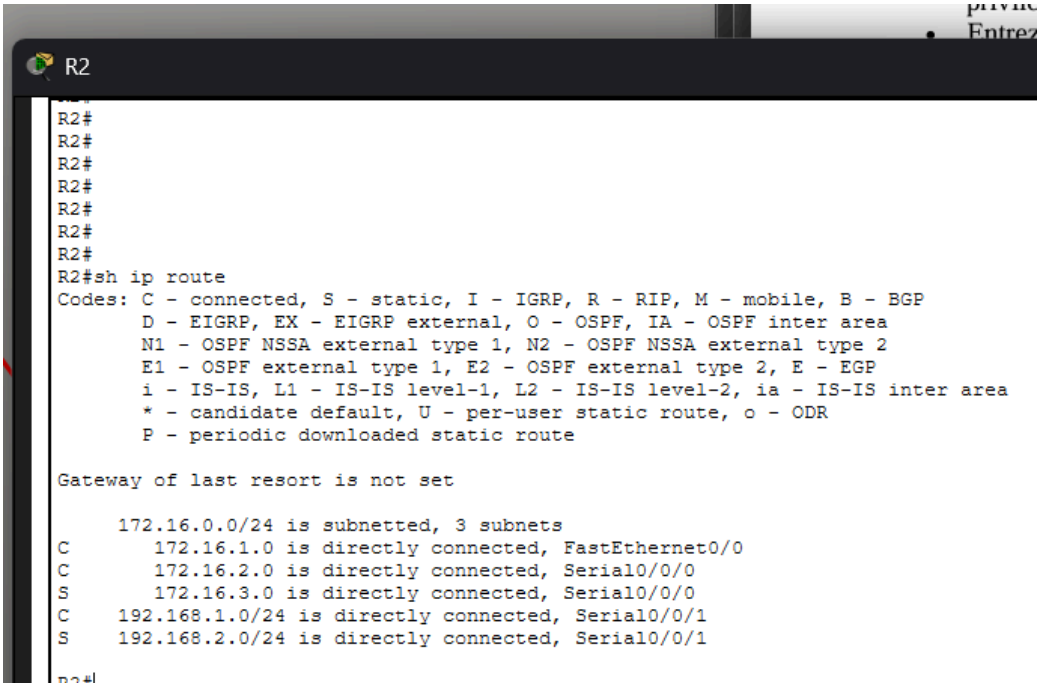
entrée du MDP la commande sh run pour le R2



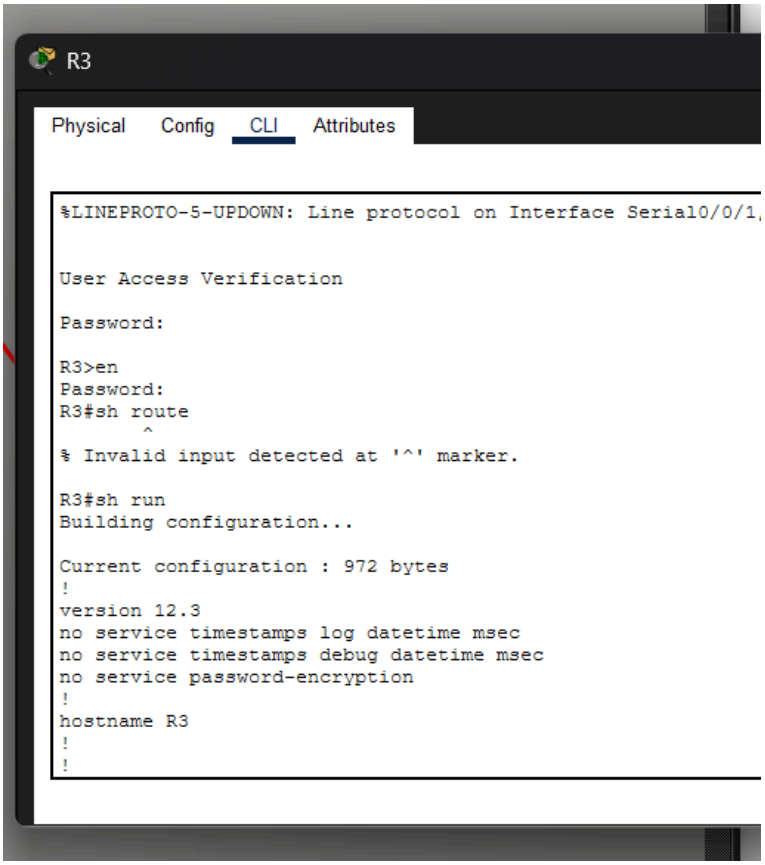
sh route R2



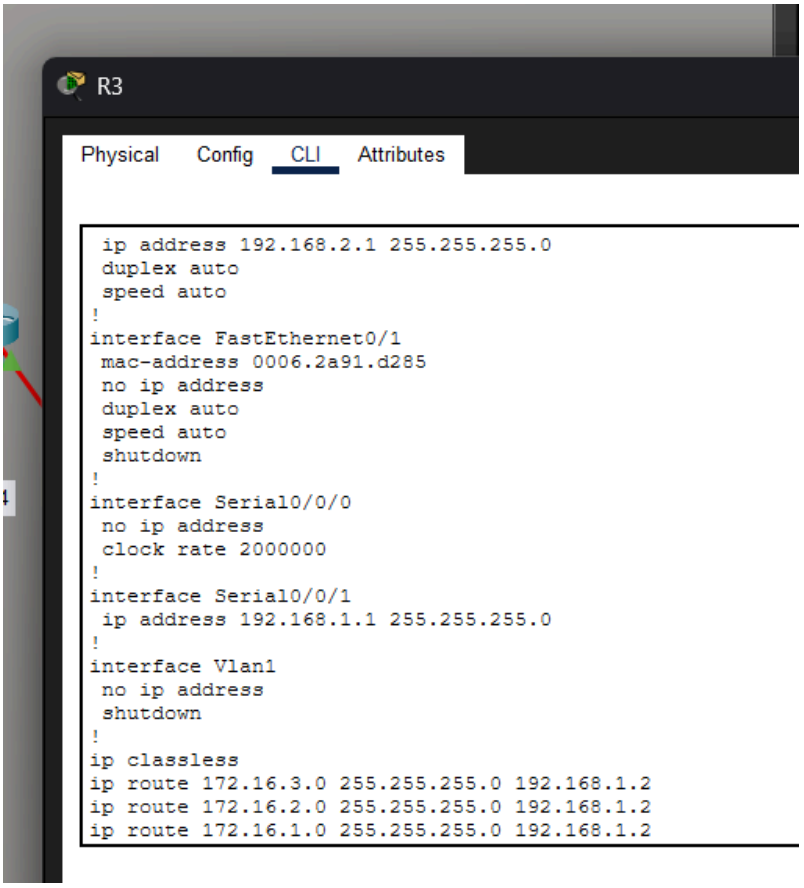
sh ip route R2



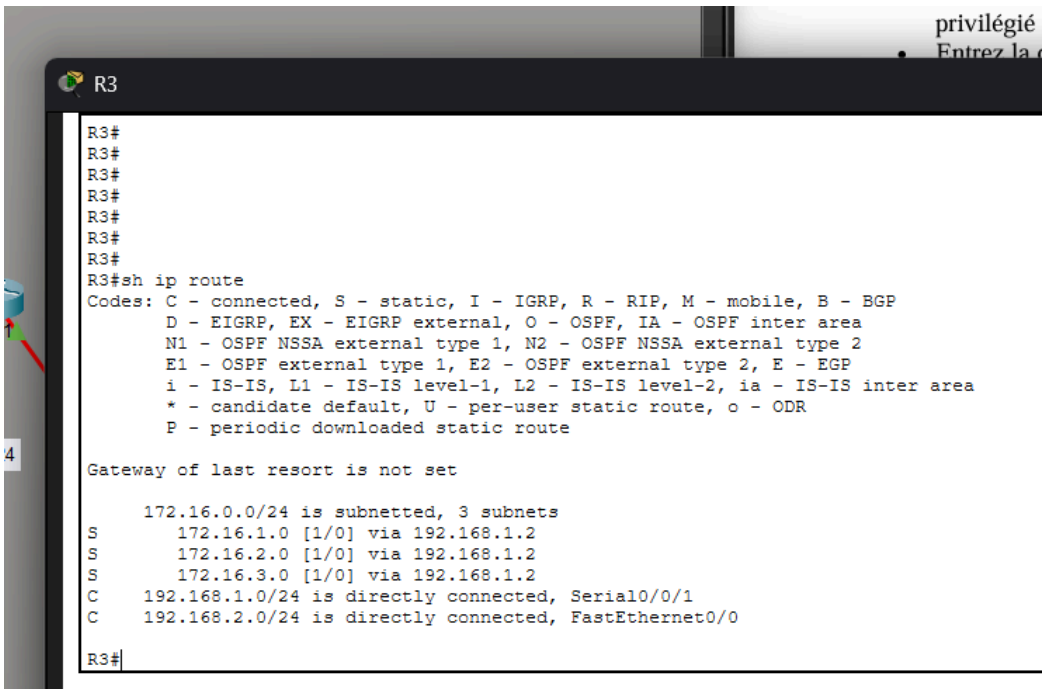
Entrée MDP R3



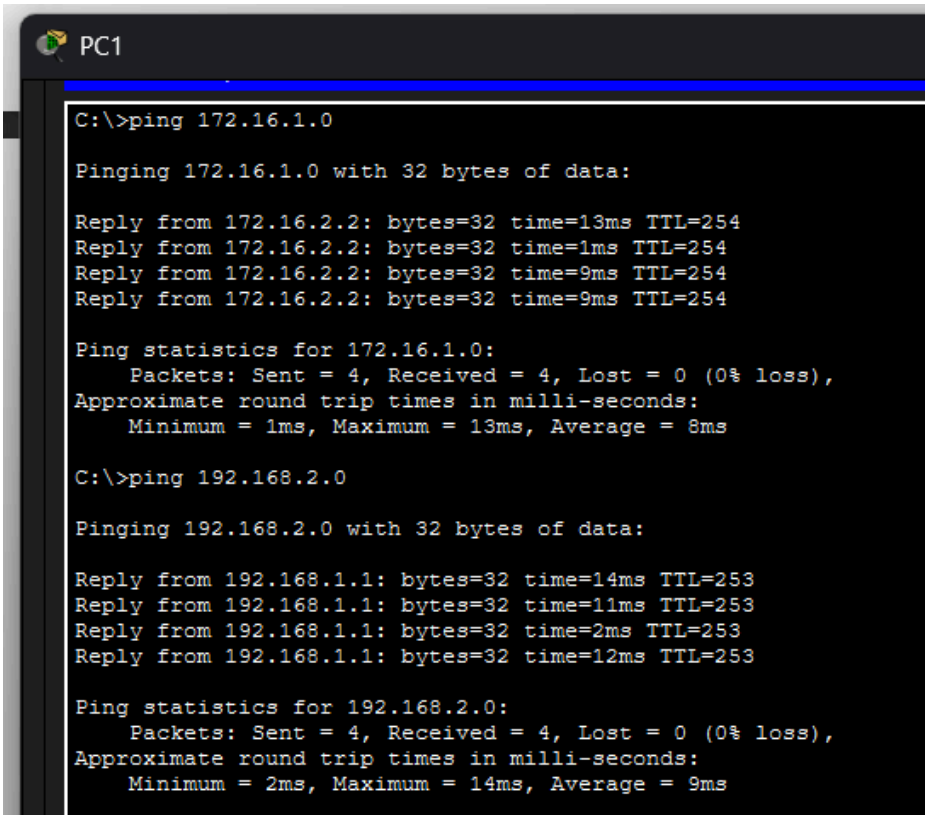
sh run



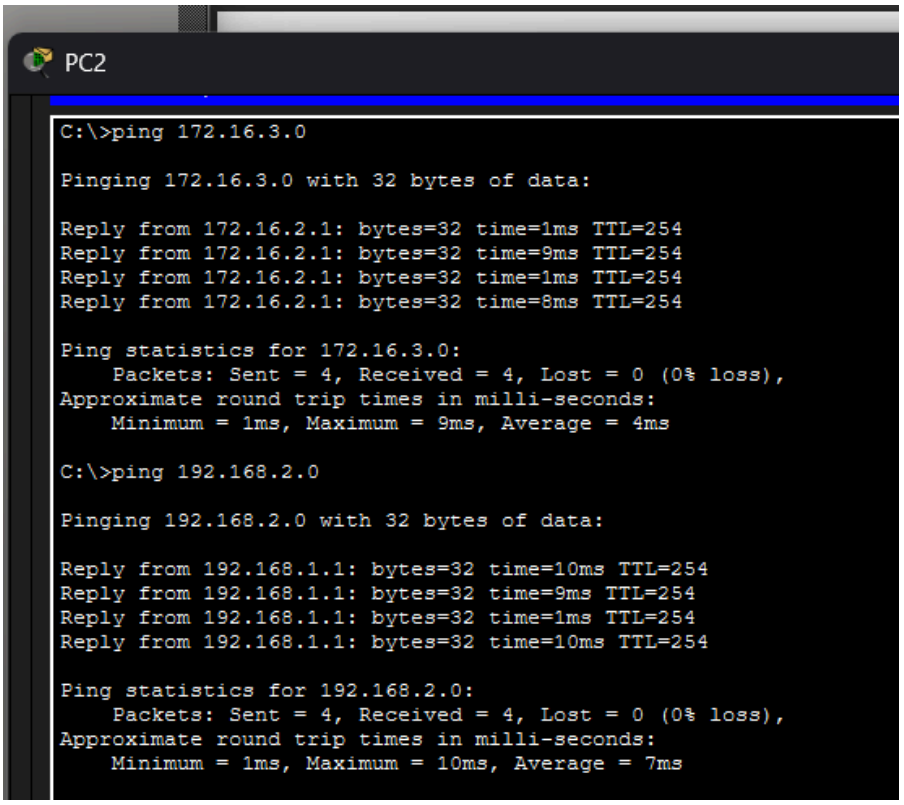
sh ip route



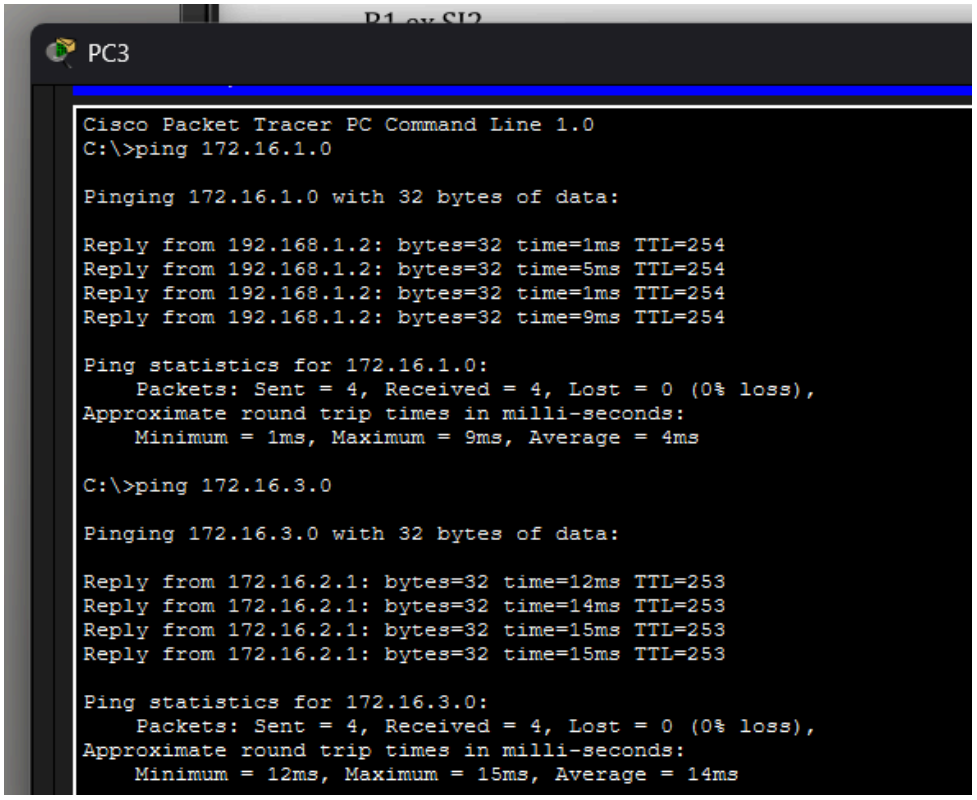
Ping de PC2 et PC3 depuis PC1 (succès)



Ping de PC1 et PC3 depuis PC2 (succès)

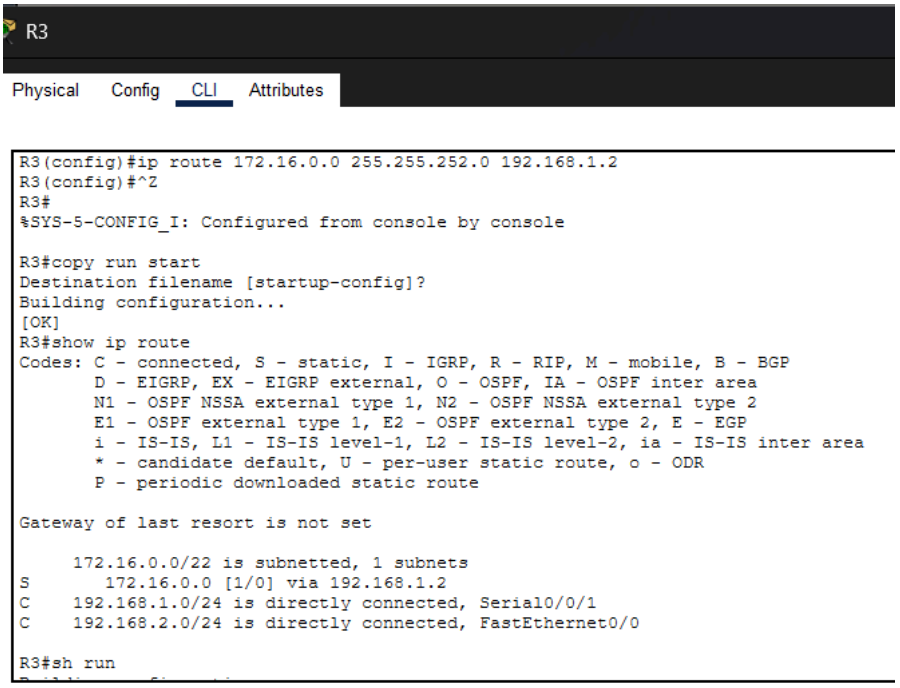


Ping de PC1 et PC2 depuis PC3 (succès)

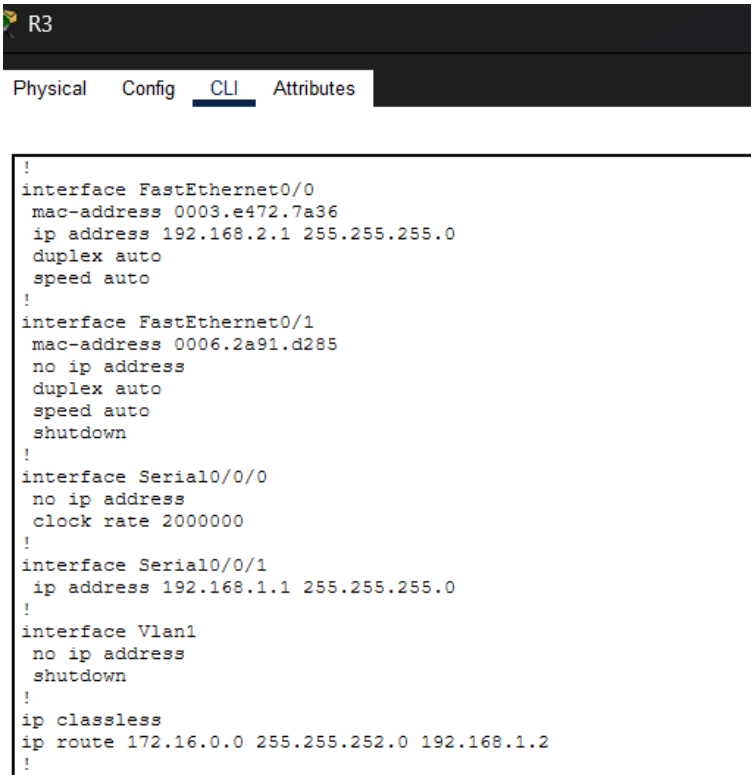


2. Résumé des routes statiques (routeur R3).

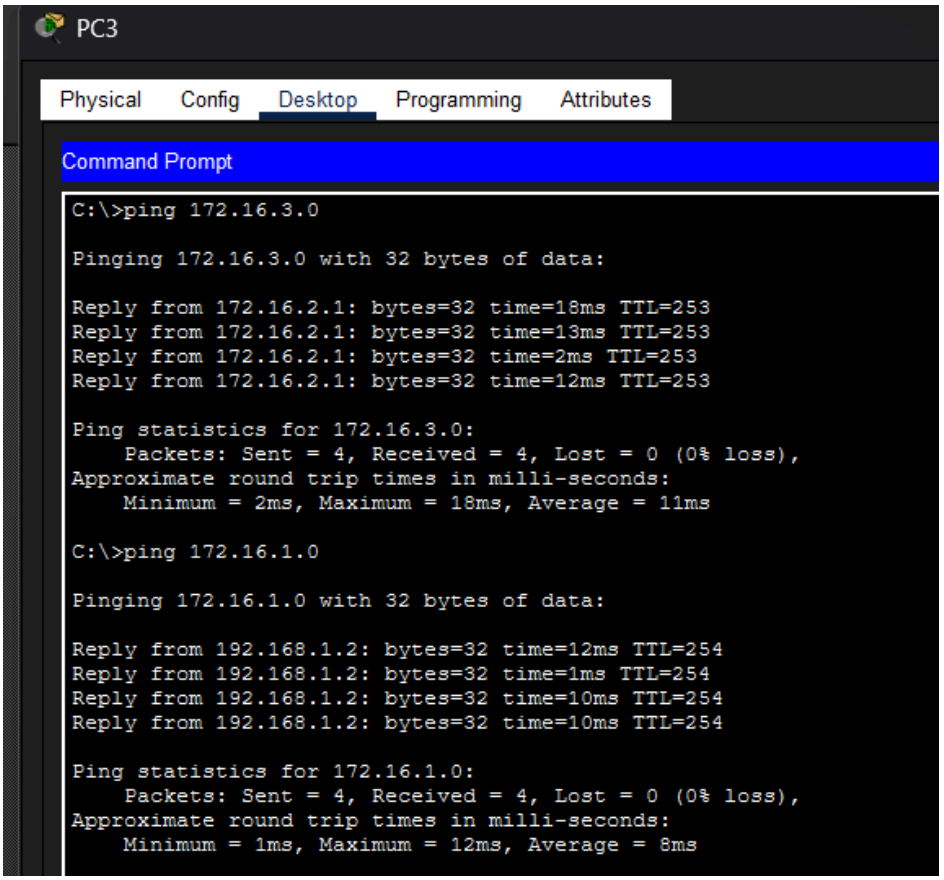
Suppression des ip statique et ajout de l'IP :
172.16.0.0 255.255.252.0 192.168.1.2 sur R3 et copy run start



sh run sur R3

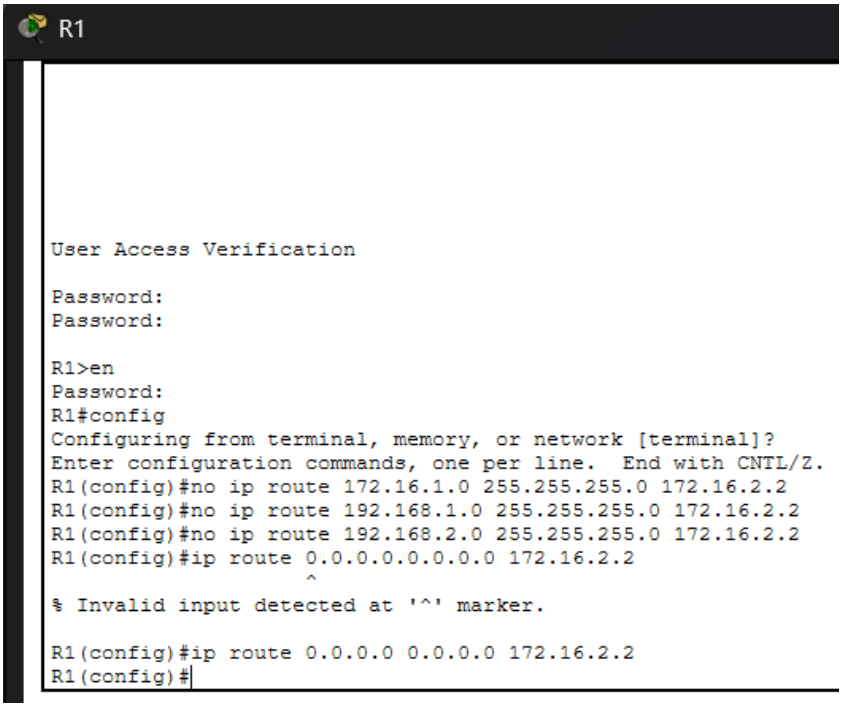


Ping des IP de PC1 et PC2 depuis PC3 avec la nouvelles IP (succès)

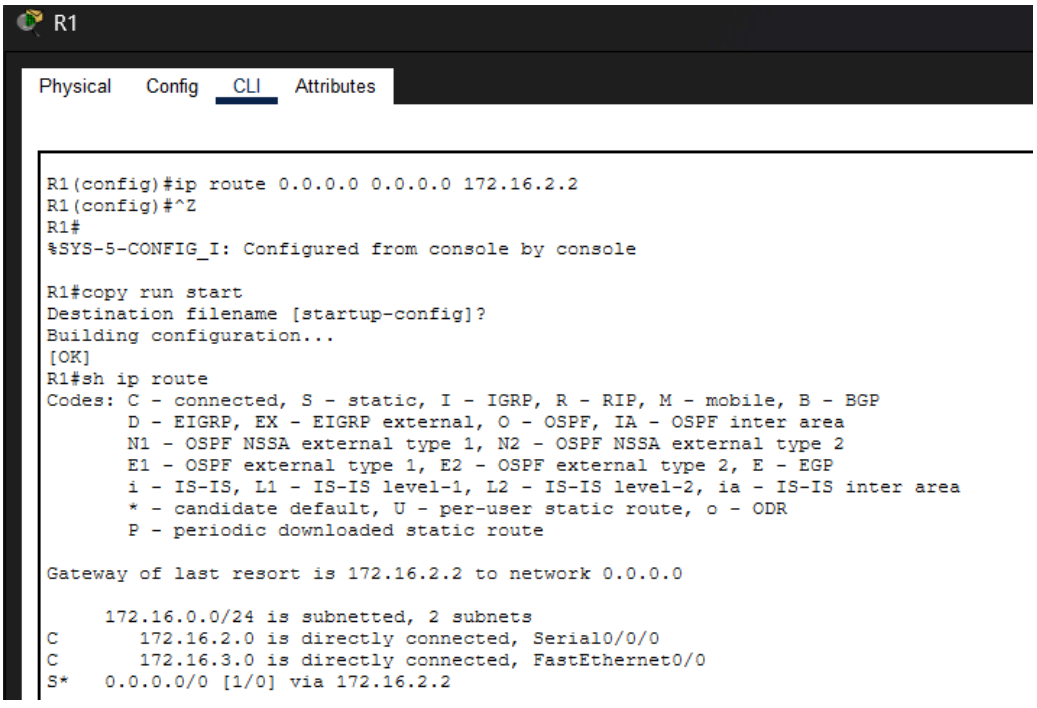


3. Configuration d'un réseau d'extrémité (routeur R1).

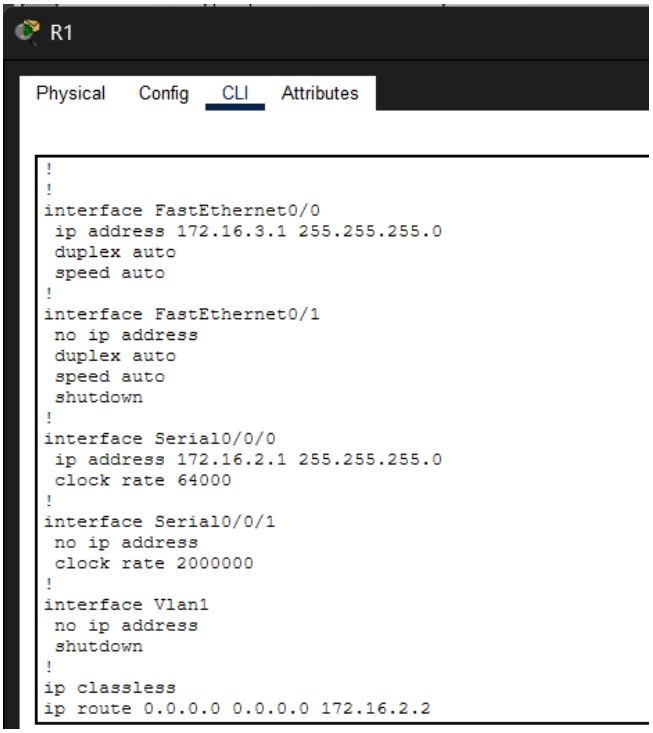
Entrer du MPD et suppressions des toutes les IP's Statique pour les remplacer par la nouvelle IP par défaut : 0.0.0.0 0.0.0.0 172.16.2.2 sur R1



quitte le mode config, copy run start et sh ip route



sh run sur R1



Ping de PC2 et PC3 depuis PC1 avec la nouvelle IP (succès)