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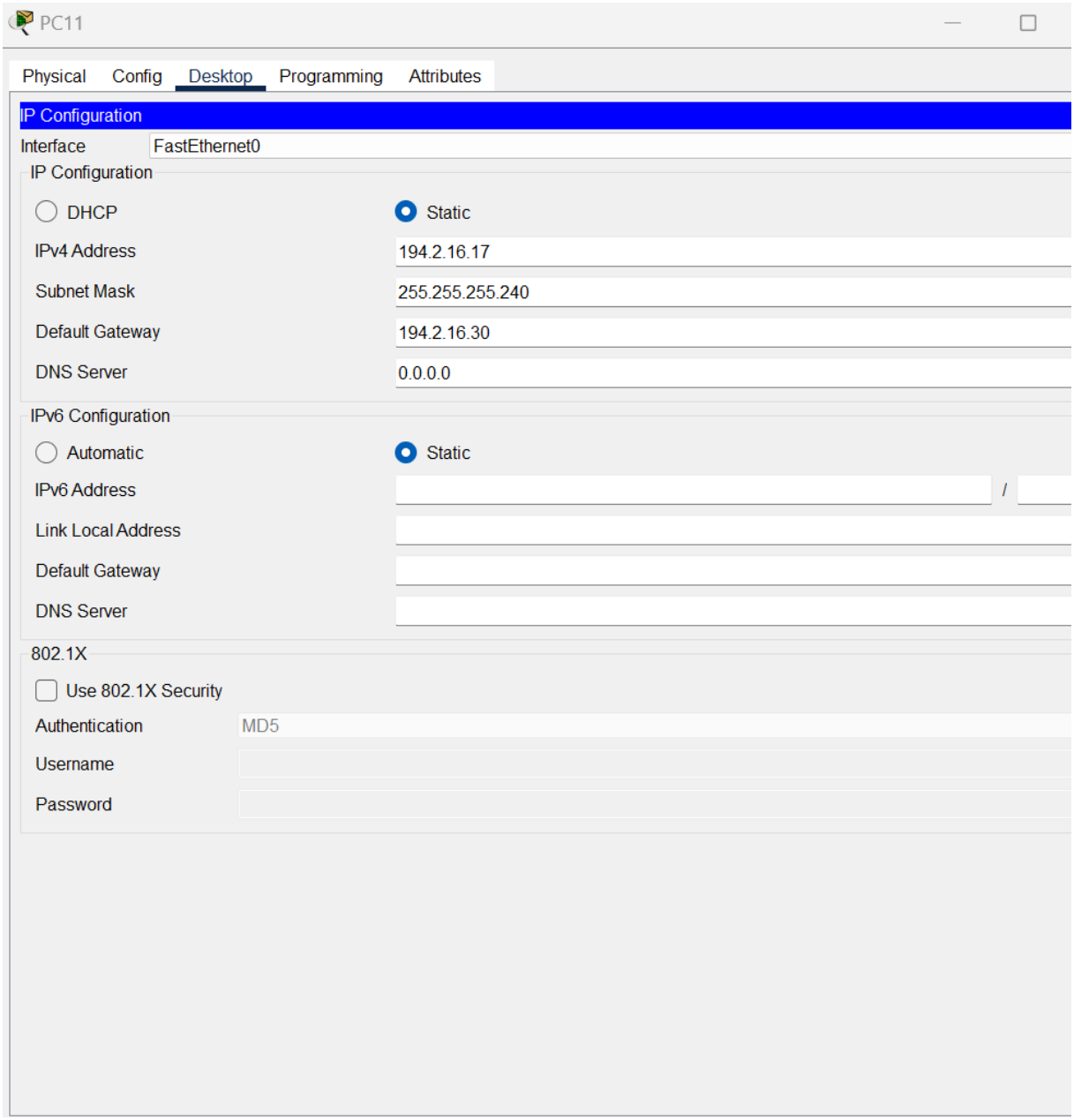
TP8 : Routage et sous-réseaux

I.Visualisation des tables de routage.

- Vérification de la configuration IP des interfaces de PC11 et R11 :



```
R11>show ip interface brief
Interface              IP-Address      OK? Method Status                Protocol
FastEthernet0/0        194.2.16.33     YES manual up                    up
FastEthernet0/1        194.2.16.30     YES manual up                    up
Vlan1                  unassigned      YES unset  administratively down down
R11>
```

- Vérification de la table de routage de chacun des routeurs (R1 et R11) :

```
R11>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

S    192.168.2.0/24 [1/0] via 194.2.16.35
     194.2.16.0/28 is subnetted, 10 subnets
C       194.2.16.16 is directly connected, FastEthernet0/1
C       194.2.16.32 is directly connected, FastEthernet0/0
D       194.2.16.48 [90/30720] via 194.2.16.34, 00:25:50, FastEthernet0/0
D       194.2.16.96 [90/2172416] via 194.2.16.35, 00:25:50, FastEthernet0/0
D       194.2.16.112 [90/30720] via 194.2.16.35, 00:25:50, FastEthernet0/0
D       194.2.16.128 [90/2172416] via 194.2.16.35, 00:25:50, FastEthernet0/0
D       194.2.16.144 [90/2174976] via 194.2.16.35, 00:25:49, FastEthernet0/0
D       194.2.16.192 [90/35840] via 194.2.16.35, 00:25:49, FastEthernet0/0
D       194.2.16.208 [90/33280] via 194.2.16.35, 00:25:50, FastEthernet0/0
D       194.2.16.224 [90/35840] via 194.2.16.35, 00:25:49, FastEthernet0/0

R11>
```

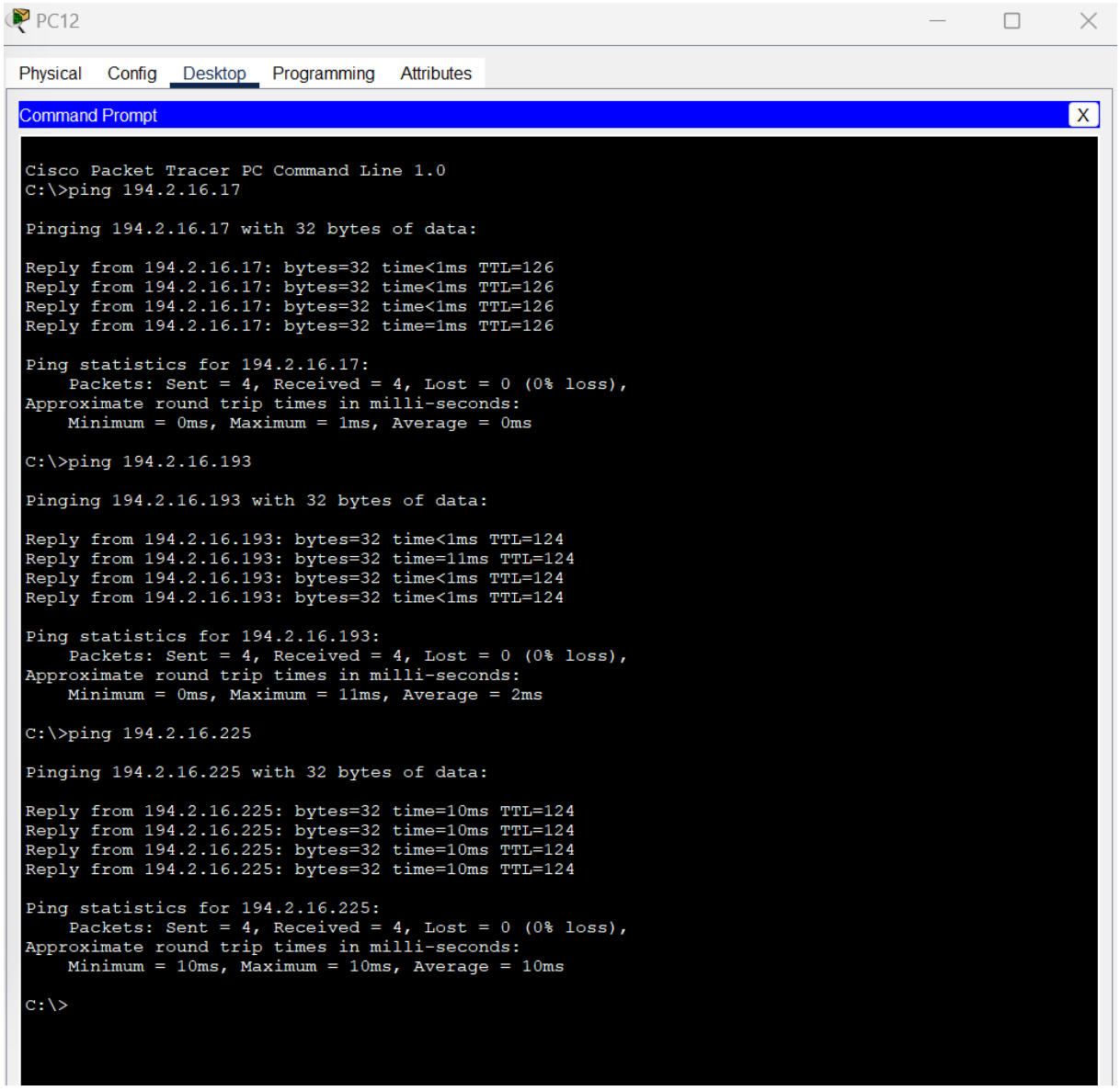
```
R1>show ip route
Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP
       D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area
       N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2
       E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP
       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

     194.2.16.0/28 is subnetted, 10 subnets
D       194.2.16.16 [90/2174976] via 194.2.16.97, 00:28:05, Serial0/0/0
D       194.2.16.32 [90/2172416] via 194.2.16.97, 00:28:05, Serial0/0/0
D       194.2.16.48 [90/2174976] via 194.2.16.97, 00:28:05, Serial0/0/0
C       194.2.16.96 is directly connected, Serial0/0/0
D       194.2.16.112 [90/2172416] via 194.2.16.97, 00:28:05, Serial0/0/0
                     [90/2172416] via 194.2.16.146, 00:28:05, Serial0/0/1
D       194.2.16.128 [90/2681856] via 194.2.16.97, 00:28:05, Serial0/0/0
                     [90/2681856] via 194.2.16.146, 00:28:05, Serial0/0/1
C       194.2.16.144 is directly connected, Serial0/0/1
D       194.2.16.192 [90/2174976] via 194.2.16.146, 00:28:05, Serial0/0/1
D       194.2.16.208 [90/2172416] via 194.2.16.146, 00:28:05, Serial0/0/1
D       194.2.16.224 [90/2174976] via 194.2.16.146, 00:28:05, Serial0/0/1

R1>
```

- Vérification de la connectivité de chacun des 4 PC avec les 3 autres.

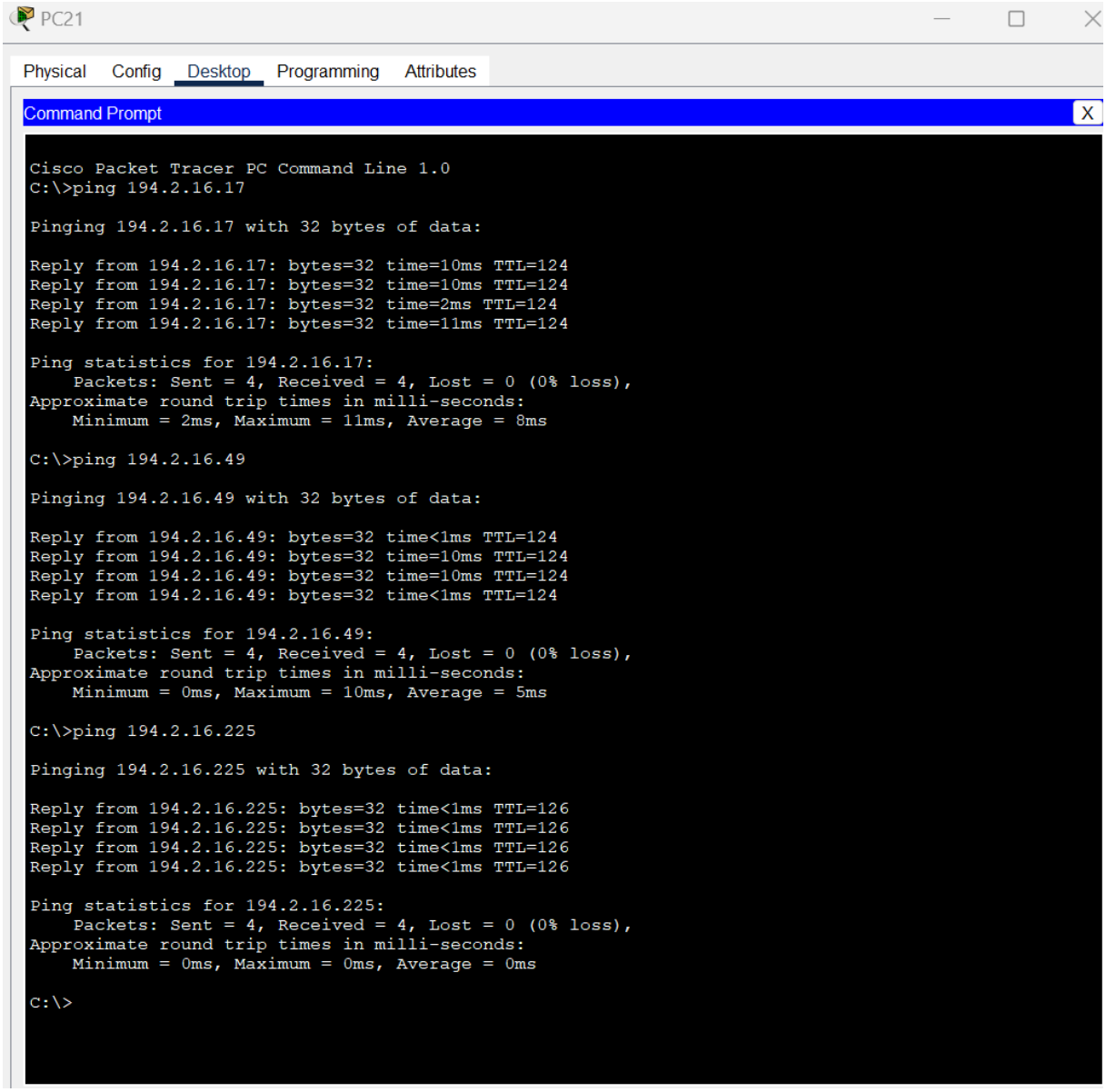
➔ Pour le PC11 :

```
C:\>ping 194.2.16.49

Pinging 194.2.16.49 with 32 bytes of data:

Reply from 194.2.16.49: bytes=32 time<1ms TTL=126
Reply from 194.2.16.49: bytes=32 time<1ms TTL=126
Reply from 194.2.16.49: bytes=32 time<1ms TTL=126
Reply from 194.2.16.49: bytes=32 time<1ms TTL=126

Ping statistics for 194.2.16.49:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 194.2.16.193

Pinging 194.2.16.193 with 32 bytes of data:

Reply from 194.2.16.193: bytes=32 time=10ms TTL=124
Reply from 194.2.16.193: bytes=32 time<1ms TTL=124
Reply from 194.2.16.193: bytes=32 time=10ms TTL=124
Reply from 194.2.16.193: bytes=32 time=10ms TTL=124

Ping statistics for 194.2.16.193:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 10ms, Average = 7ms

C:\>ping 194.2.16.225

Pinging 194.2.16.225 with 32 bytes of data:

Reply from 194.2.16.225: bytes=32 time=10ms TTL=124
Reply from 194.2.16.225: bytes=32 time=10ms TTL=124
Reply from 194.2.16.225: bytes=32 time=10ms TTL=124
Reply from 194.2.16.225: bytes=32 time=10ms TTL=124

Ping statistics for 194.2.16.225:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 10ms, Maximum = 10ms, Average = 10ms
```

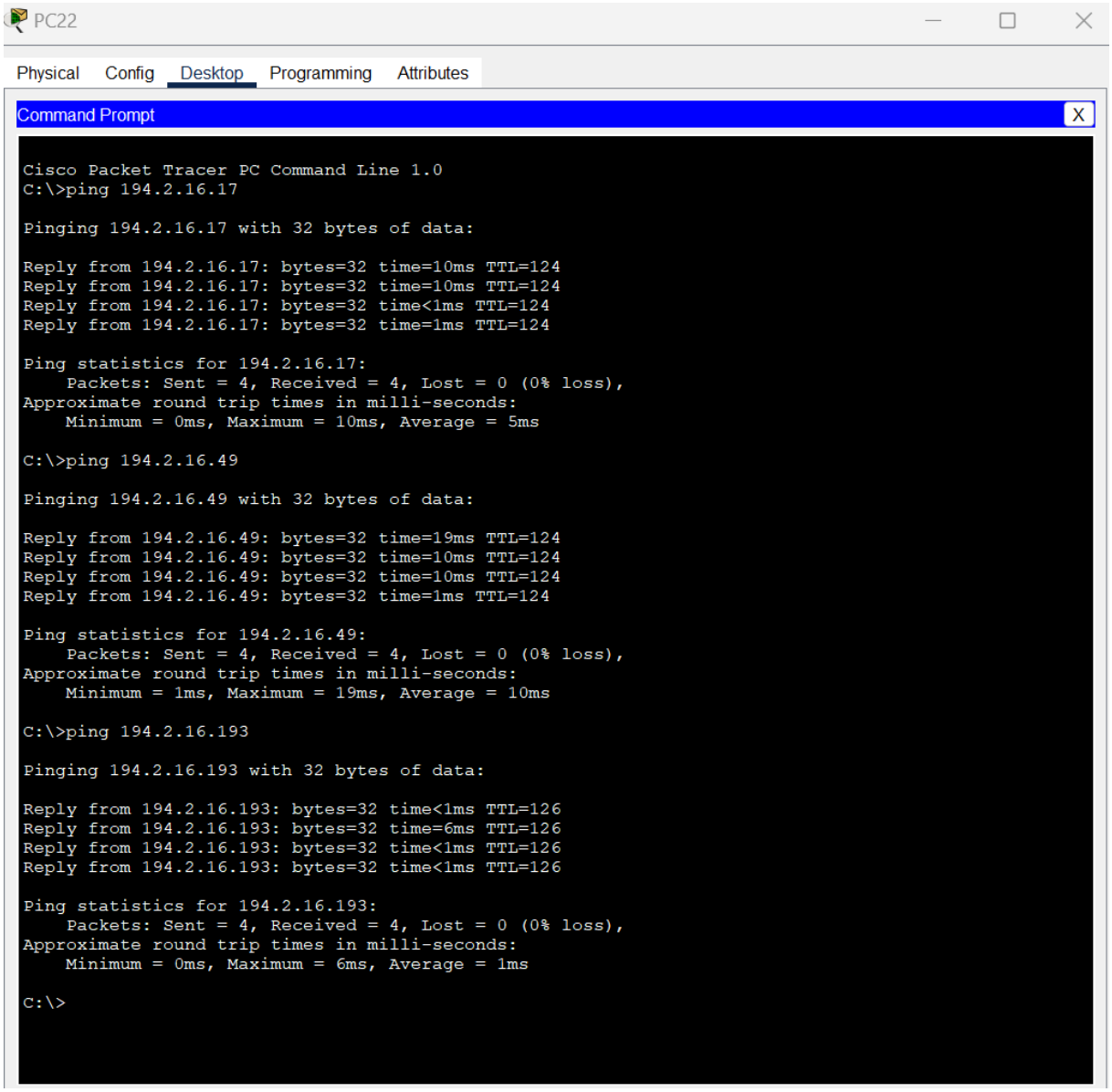
➔ Pour le PC12 :


PC12
Physical
Config
Desktop
Programming
Attributes
Command Prompt
X
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 194.2.16.17
Pinging 194.2.16.17 with 32 bytes of data:
Reply from 194.2.16.17: bytes=32 time<1ms TTL=126
Reply from 194.2.16.17: bytes=32 time<1ms TTL=126
Reply from 194.2.16.17: bytes=32 time<1ms TTL=126
Reply from 194.2.16.17: bytes=32 time=1ms TTL=126
Ping statistics for 194.2.16.17:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 1ms, Average = 0ms
C:\>ping 194.2.16.193
Pinging 194.2.16.193 with 32 bytes of data:
Reply from 194.2.16.193: bytes=32 time<1ms TTL=124
Reply from 194.2.16.193: bytes=32 time=11ms TTL=124
Reply from 194.2.16.193: bytes=32 time<1ms TTL=124
Reply from 194.2.16.193: bytes=32 time<1ms TTL=124
Ping statistics for 194.2.16.193:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 11ms, Average = 2ms
C:\>ping 194.2.16.225
Pinging 194.2.16.225 with 32 bytes of data:
Reply from 194.2.16.225: bytes=32 time=10ms TTL=124
Reply from 194.2.16.225: bytes=32 time=10ms TTL=124
Reply from 194.2.16.225: bytes=32 time=10ms TTL=124
Reply from 194.2.16.225: bytes=32 time=10ms TTL=124
Ping statistics for 194.2.16.225:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 10ms, Maximum = 10ms, Average = 10ms
C:\>

➔ Pour le PC21 :

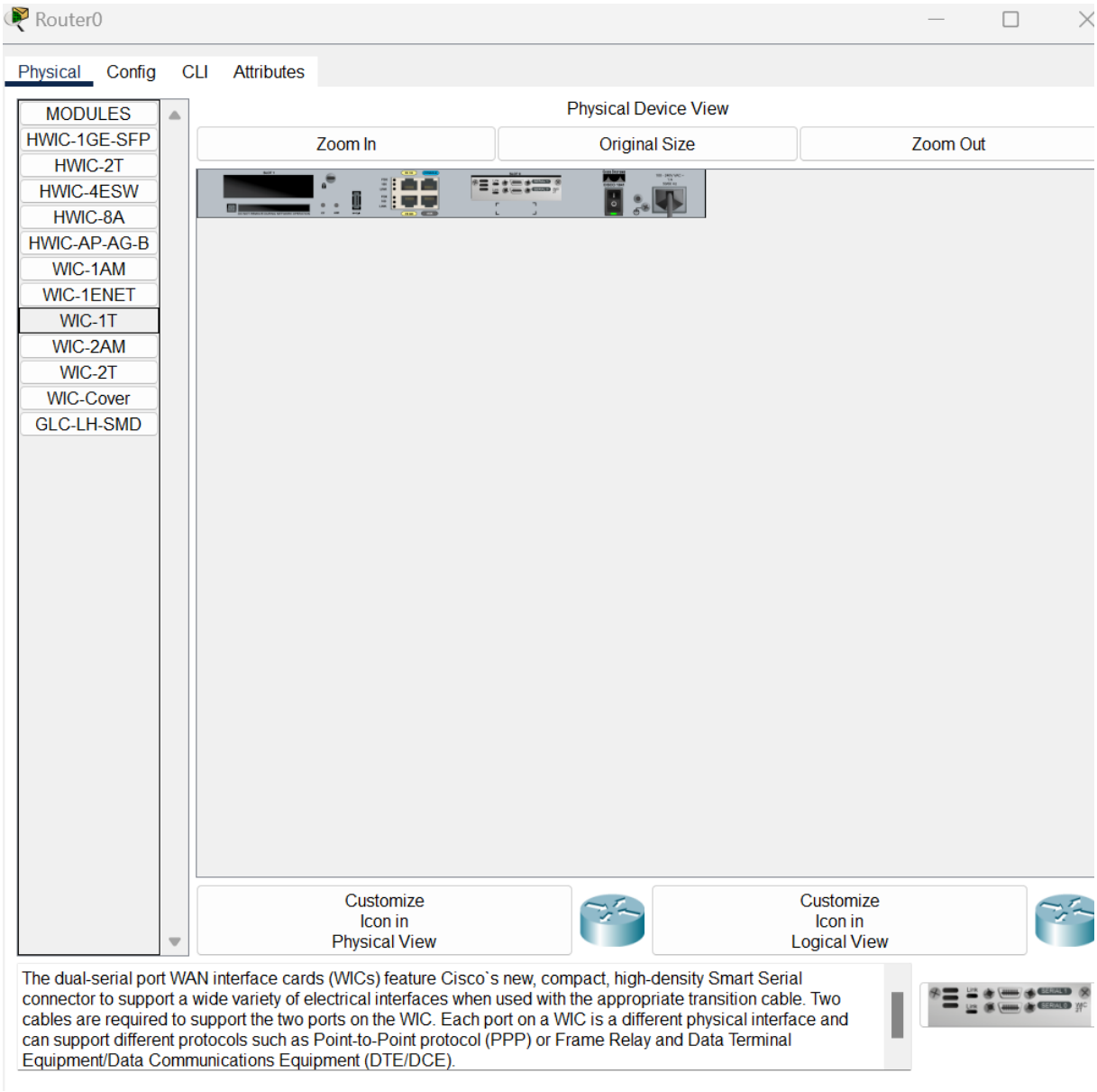


➔ Pour le PC 22 :


PC22
Physical
Config
Desktop
Programming
Attributes
Command Prompt
X
Cisco Packet Tracer PC Command Line 1.0
C:\>ping 194.2.16.17
Pinging 194.2.16.17 with 32 bytes of data:
Reply from 194.2.16.17: bytes=32 time=10ms TTL=124
Reply from 194.2.16.17: bytes=32 time=10ms TTL=124
Reply from 194.2.16.17: bytes=32 time<1ms TTL=124
Reply from 194.2.16.17: bytes=32 time=1ms TTL=124
Ping statistics for 194.2.16.17:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 10ms, Average = 5ms
C:\>ping 194.2.16.49
Pinging 194.2.16.49 with 32 bytes of data:
Reply from 194.2.16.49: bytes=32 time=19ms TTL=124
Reply from 194.2.16.49: bytes=32 time=10ms TTL=124
Reply from 194.2.16.49: bytes=32 time=10ms TTL=124
Reply from 194.2.16.49: bytes=32 time=1ms TTL=124
Ping statistics for 194.2.16.49:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 1ms, Maximum = 19ms, Average = 10ms
C:\>ping 194.2.16.193
Pinging 194.2.16.193 with 32 bytes of data:
Reply from 194.2.16.193: bytes=32 time<1ms TTL=126
Reply from 194.2.16.193: bytes=32 time=6ms TTL=126
Reply from 194.2.16.193: bytes=32 time<1ms TTL=126
Reply from 194.2.16.193: bytes=32 time<1ms TTL=126
Ping statistics for 194.2.16.193:
Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 0ms, Maximum = 6ms, Average = 1ms
C:\>

2. Ajout du routeur R0 et de l'ordinateur PC0

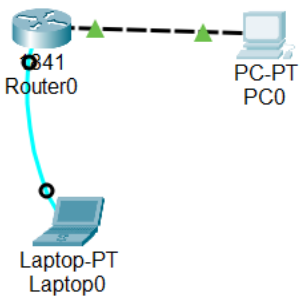
➔ Ajout du module WIC-2T au routeur 0



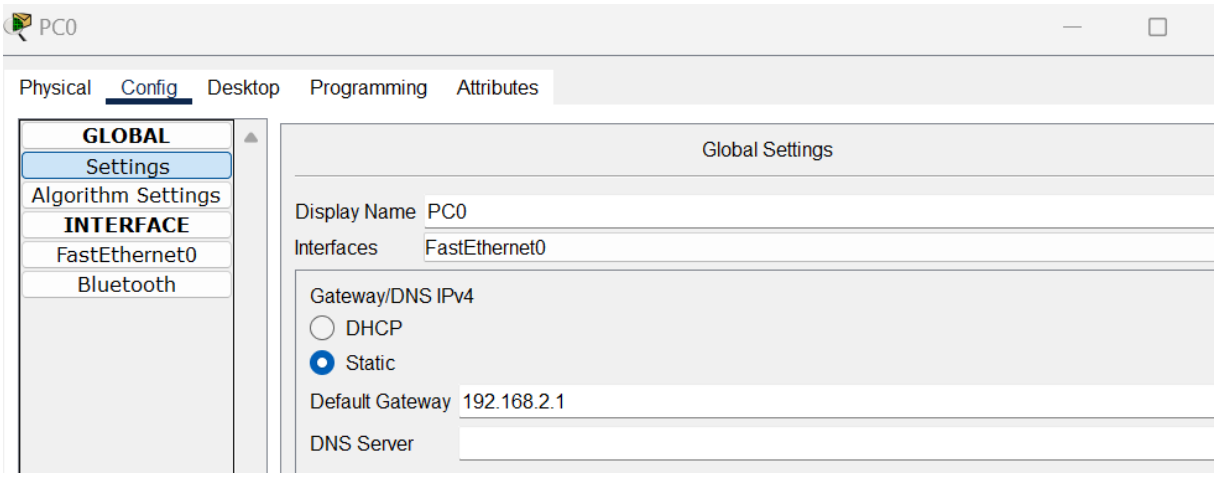
➔ Configuration de base du routeur :

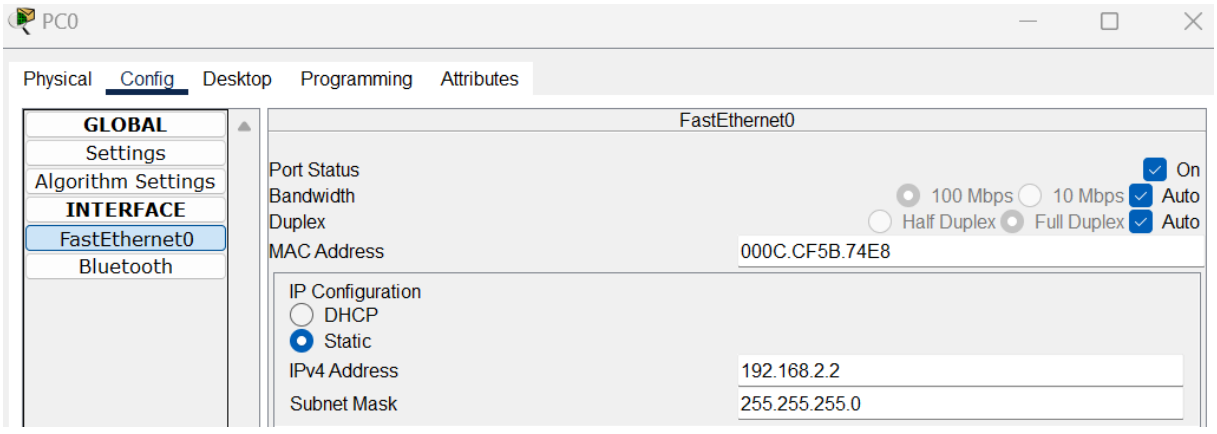
```
Would you like to enter the initial configuration dialog? [yes/no]: yes

Would you like to enter basic management setup? [yes/no]: yes

Enter host name [Router]: R0

Enter enable secret: mdp1

Enter enable password: mdp2

  Enter virtual terminal password: mdp3
Configure SNMP Network Management? [no]:no

Enter interface name used to connect to the
management network from the above interface summary: fastethernet0/0

Configuring interface FastEthernet0/0:
  Configure IP on this interface? [yes]: yes
    IP address for this interface: 192.168.2.1
    Subnet mask for this interface [255.255.255.0] :
!
hostname R0
enable secret 5 $1$mERr$QnY/64E5ClF2j8H8iL28G0
enable password mdp2
line vty 0 4
password mdp3
!
interface Vlan1
 shutdown
 no ip address
!
interface FastEthernet0/0
 no shutdown
 ip address 192.168.2.1 255.255.255.0
!
interface FastEthernet0/1
 shutdown
 no ip address
!
interface Serial0/0/0
 shutdown
 no ip address
!
interface Serial0/0/1
 shutdown
 no ip address
!
end

[0] Go to the IOS command prompt without saving this config.
[1] Return back to the setup without saving this config.
[2] Save this configuration to nvram and exit.

Enter your selection [2]: 2
Building configuration...
```

➔ On relie l'ordinateur au routeur avec un câble croisé (avec l'interface FastEthernet de l'ordinateur à l'interface FastEthernet0/0 du routeur.



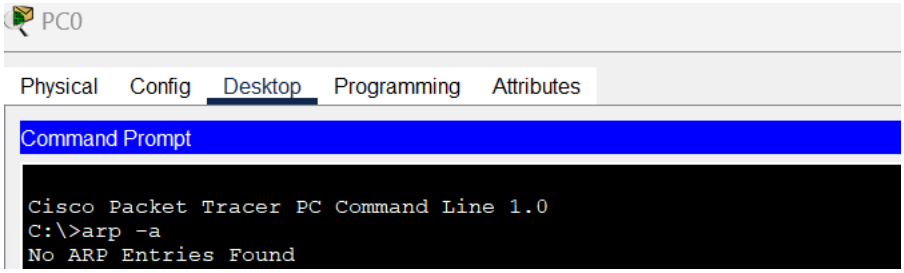
➔ On renseigne la configuration IP :





- On observe le fonctionnement ARP et on vérifie la connectivité entre PC0 et R0.

➔ Depuis l'invite de commandes de PC0 on entre la commande **arp -a**



➔ On rentre la commande **show arp** sur le routeur R0 à partir de l'émulateur de terminal du portable.

```
R0>show arp
Protocol  Address          Age (min)  Hardware Addr   Type   Interface
Internet  192.168.2.1            -   0003.E4E5.9701  ARPA   FastEthernet0/0
R0>
```

➔ On effectue un ping depuis l'invite de commandes de PC0 :

➔ Ensuite, on rentre la commande arp -a :

```
C:\>ping 192.168.2.1

Pinging 192.168.2.1 with 32 bytes of data:

Reply from 192.168.2.1: bytes=32 time<1ms TTL=255
Reply from 192.168.2.1: bytes=32 time<1ms TTL=255
Reply from 192.168.2.1: bytes=32 time<1ms TTL=255
Reply from 192.168.2.1: bytes=32 time<1ms TTL=255

Ping statistics for 192.168.2.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>arp -a
  Internet Address      Physical Address      Type
  192.168.2.1           0003.e4e5.9701        dynamic
```

La connectivité entre les deux périphériques est bien effective.

➔ Enfin, on rentre la commande **show arp** sur le routeur R0.

```
R0>show arp
Protocol  Address          Age (min)  Hardware Addr   Type   Interface
Internet  192.168.2.1            -   0003.E4E5.9701  ARPA   FastEthernet0/0
Internet  192.168.2.2            1   000C.CF5B.74E8  ARPA   FastEthernet0/0
R0>
```

Les deux périphériques ont désormais une entrée de l'autre périphérique dans sa table ARP.

- Test de la connexion Telnet au routeur.

➔ À partir du PC0, on test la connexion Telnet au routeur R0 :

```
C:\>telnet 192.168.2.1
Trying 192.168.2.1 ...Open


User Access Verification

Password:
R0>
```

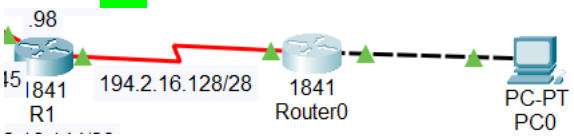
➔ Les résultats des commandes des paragraphes 2.5 et 2.6 sont concluants, donc on supprime le câble console ainsi que le portable.

2.7 Connexion du routeur R0 au routeur R1.

➔ On visualise les 4 interfaces série du routeur R1 :

```
R1>show ip interface brief
Interface              IP-Address      OK? Method Status                Protocol
FastEthernet0/0        unassigned      YES unset  administratively down down
FastEthernet0/1        unassigned      YES unset  administratively down down
Serial0/0/0            194.2.16.98     YES manual up                    up
Serial0/0/1            194.2.16.145    YES manual up                    up
Serial0/1/0            192.168.1.1     YES manual down                  down
Serial0/1/1            unassigned      YES unset  administratively down down
Vlan1                  unassigned      YES unset  administratively down down
R1>
```

➔ On ajoute un câble série DCE pour connecter l'interface Serial0/0/0 du routeur R0 à l'interface Serial0/1/0 du routeur R1 :



2.8 Configuration de l'interface série du routeur R0

➔ On configure l'IP de l'interface Serial0/0/0 :

➔ Configuration de la synchronisation :

```
R0>en
Password:
R0#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
R0(config)#interface s0/0/0
R0(config-if)#ip address 192.168.1.2 255.255.255.0
R0(config-if)#clock rate 64000
```

```
R0(config-if)#no shutdown
R0(config-if)#^Z
R0#
%SYS-5-CONFIG_I: Configured from console by console
copy run start
```

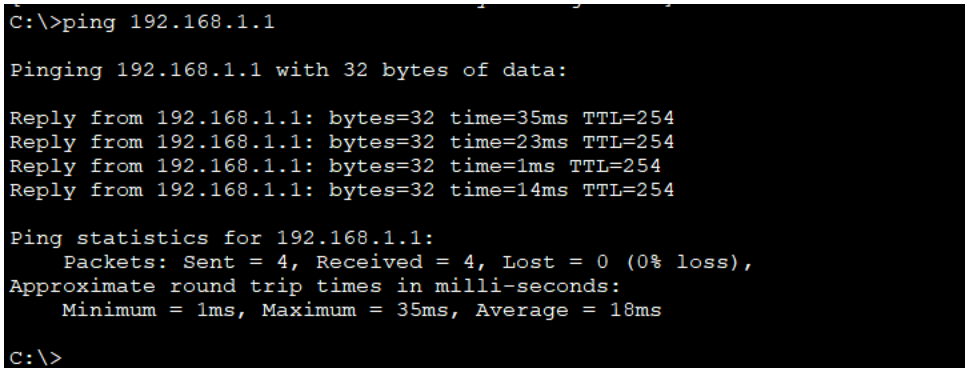
➔ On quitte le mode de configuration, puis on enregistre :

```
R0#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
R0(config)#ip route 194.2.16.0 255.255.255.0 192.168.1.1
R0(config)#^Z
R0#
%SYS-5-CONFIG_I: Configured from console by console
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

C    192.168.1.0/24 is directly connected, Serial0/0/0
C    192.168.2.0/24 is directly connected, FastEthernet0/0
S    194.2.16.0/24 [1/0] via 192.168.1.1

R0#
```

➔ Vérification de la configuration IP des interfaces du routeur R0 :

```
Destination filename [startup-config]?
Building configuration...
[OK]
R0#show ip interface brief
Interface              IP-Address      OK? Method Status                Protocol
FastEthernet0/0        192.168.2.1     YES manual up                    up
FastEthernet0/1        unassigned      YES unset  up                    down
Serial0/0/0            192.168.1.2     YES manual up                    up
Serial0/0/1            unassigned      YES unset  down                  down
Vlan1                  unassigned      YES unset  up                    down
R0#
```

➔ On effectue ensuite un ping vers l'interface S0/1/0 du routeur R1 à partir de PC0 :



3. Ajout de routes

- On consulte la table de routage des routeurs R1 et R0.

➔ Ajout des routes depuis le routeur R1 :

```
R1> en
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

C    192.168.1.0/24 is directly connected, Serial0/1/0
S    192.168.2.0/24 [1/0] via 192.168.1.2
     194.2.16.0/28 is subnetted, 10 subnets
D       194.2.16.16 [90/2174976] via 194.2.16.97, 01:39:09, Serial0/0/0
D       194.2.16.32 [90/2172416] via 194.2.16.97, 01:39:10, Serial0/0/0
D       194.2.16.48 [90/2174976] via 194.2.16.97, 01:39:09, Serial0/0/0
C       194.2.16.96 is directly connected, Serial0/0/0
D       194.2.16.112 [90/2172416] via 194.2.16.146, 01:39:10, Serial0/0/1
                     [90/2172416] via 194.2.16.97, 01:39:10, Serial0/0/0
D       194.2.16.128 [90/2681856] via 194.2.16.146, 01:39:10, Serial0/0/1
                     [90/2681856] via 194.2.16.97, 01:39:09, Serial0/0/0
C       194.2.16.144 is directly connected, Serial0/0/1
D       194.2.16.192 [90/2174976] via 194.2.16.146, 01:39:10, Serial0/0/1
D       194.2.16.208 [90/2172416] via 194.2.16.146, 01:39:10, Serial0/0/1
D       194.2.16.224 [90/2174976] via 194.2.16.146, 01:39:10, Serial0/0/1

R1#
```

➔ Ajout des routes depuis le routeur R0

```
R0#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

C    192.168.1.0/24 is directly connected, Serial0/0/0
C    192.168.2.0/24 is directly connected, FastEthernet0/0

R0#
```

```
R0#conf t
Enter configuration commands, one per line.  End with CNTL/Z.
R0(config)#ip route 194.2.16.0 255.255.255.0 192.168.1.1
R0(config)#^Z
R0#
%SYS-5-CONFIG_I: Configured from console by console
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

C    192.168.1.0/24 is directly connected, Serial0/0/0
C    192.168.2.0/24 is directly connected, FastEthernet0/0
S    194.2.16.0/24 [1/0] via 192.168.1.1

R0#
```

➔ On test la connectivité entre PC0 et les autres :

```
C:\>ping 194.2.16.49

Pinging 194.2.16.49 with 32 bytes of data:

Reply from 194.2.16.49: bytes=32 time=31ms TTL=124
Reply from 194.2.16.49: bytes=32 time=41ms TTL=124
Reply from 194.2.16.49: bytes=32 time=2ms TTL=124
Reply from 194.2.16.49: bytes=32 time=29ms TTL=124

Ping statistics for 194.2.16.49:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 41ms, Average = 25ms
```

```
C:\>ping 194.2.16.17

Pinging 194.2.16.17 with 32 bytes of data:

Reply from 194.2.16.17: bytes=32 time=34ms TTL=124
Reply from 194.2.16.17: bytes=32 time=10ms TTL=124
Reply from 194.2.16.17: bytes=32 time=2ms TTL=124
Reply from 194.2.16.17: bytes=32 time=2ms TTL=124

Ping statistics for 194.2.16.17:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 34ms, Average = 12ms
```

```
C:\>ping 194.2.16.225

Pinging 194.2.16.225 with 32 bytes of data:

Reply from 194.2.16.225: bytes=32 time=2ms TTL=124
Reply from 194.2.16.225: bytes=32 time=33ms TTL=124
Reply from 194.2.16.225: bytes=32 time=28ms TTL=124
Reply from 194.2.16.225: bytes=32 time=22ms TTL=124

Ping statistics for 194.2.16.225:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 2ms, Maximum = 33ms, Average = 21ms
```

```
C:\>ping 194.2.16.193

Pinging 194.2.16.193 with 32 bytes of data:

Reply from 194.2.16.193: bytes=32 time=39ms TTL=124
Reply from 194.2.16.193: bytes=32 time=28ms TTL=124
Reply from 194.2.16.193: bytes=32 time=27ms TTL=124
Reply from 194.2.16.193: bytes=32 time=25ms TTL=124

Ping statistics for 194.2.16.193:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 25ms, Maximum = 39ms, Average = 29ms
```

➔ Table de routage de R0 :

```
R0#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

C    192.168.1.0/24 is directly connected, Serial0/0/0
C    192.168.2.0/24 is directly connected, FastEthernet0/0
S    194.2.16.0/24 [1/0] via 192.168.1.1
```

➔ On sauvegarde la configuration :

```
R0#copy run start
Destination filename [startup-config]?
Building configuration...
[OK]
R0#
```