

# Laboratoire 2 - Rapport complet

## Phase 1: Conception (François-Xavier Leclerc)

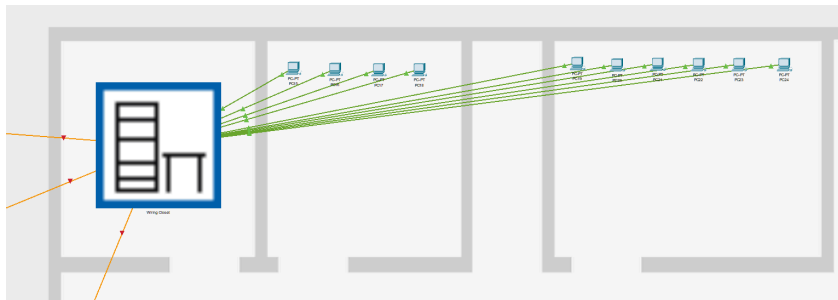
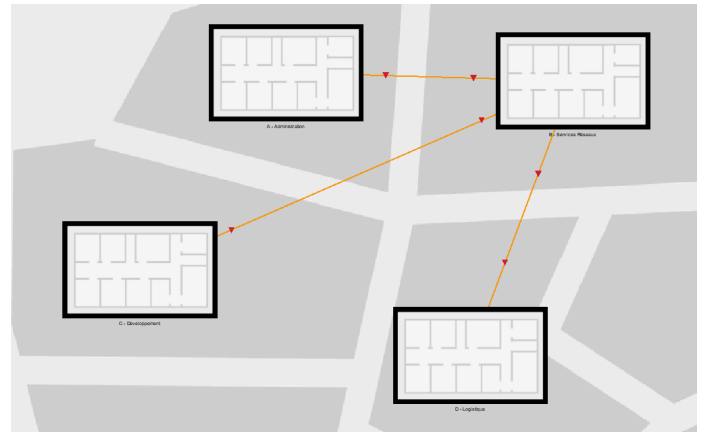
Commençons par la représentation physique de l'environnement de JRF Entreprises.



Au cœur de notre environnement physique se trouve un élément global représentant l'ensemble de **JRF Entreprises**.

À l'intérieur de cet environnement, nous avons **quatre bâtiments distincts**, chacun correspondant à un département de l'entreprise :

- **Bâtiment A** : Administration
- **Bâtiment B** : Services Réseaux
- **Bâtiment C** : Développement
- **Bâtiment D** : Logistique



Dans chaque bâtiment se trouve une armoire de câblage, ainsi que tous les postes de travail.

Voici l'armoire de câblage pour les bâtiments **A, C et D**. Elle contient :

- Une **alimentation électrique** (Power supply)
- Un **routeur** (PT-Router)
- Un **commutateur** (Switch Cisco 2960)
- Un **serveur DHCP**, pour l'attribution automatique des adresses IP aux ordinateurs et autres équipements



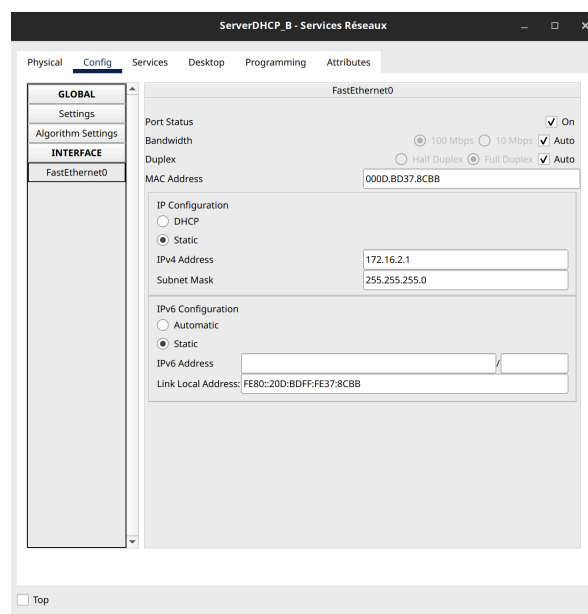
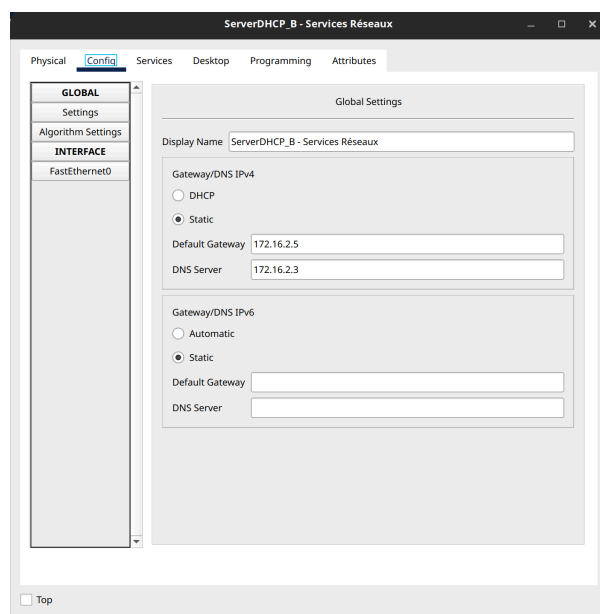


Pour le bâtiment B (**services réseaux**), qui est le centre des opérations du réseau, nous avons quelques serveurs additionnels qui sont essentiels au fonctionnement des services internes :

- Un **serveur Web**, pour héberger le site web de l'entreprise.
- Un **serveur FTP**, pour le transfert des fichiers au sein de la compagnie.
- Un **serveur DNS**, pour la résolution des noms de domaines.

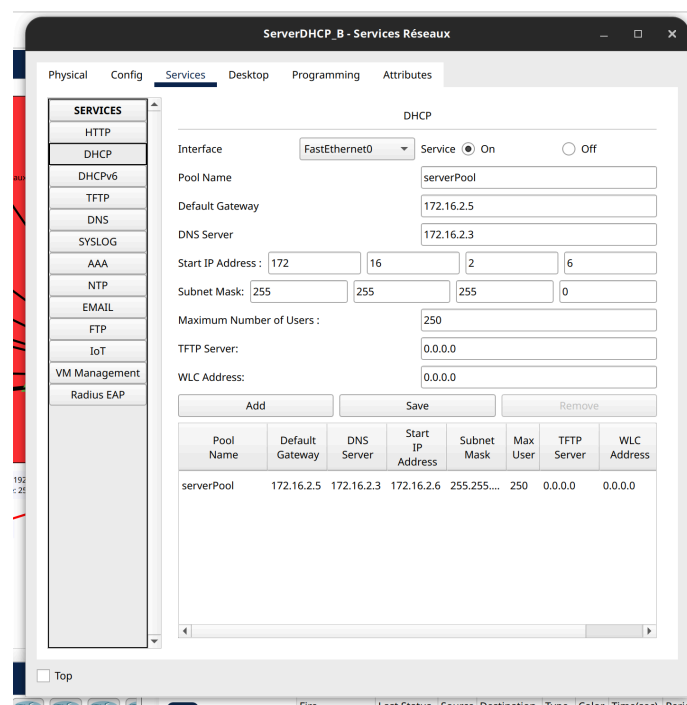
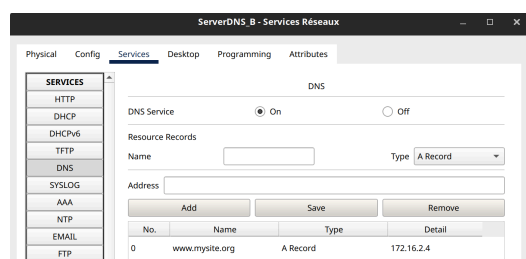


## Phase 2: Configuration LAN (Raphaël Beauregard)

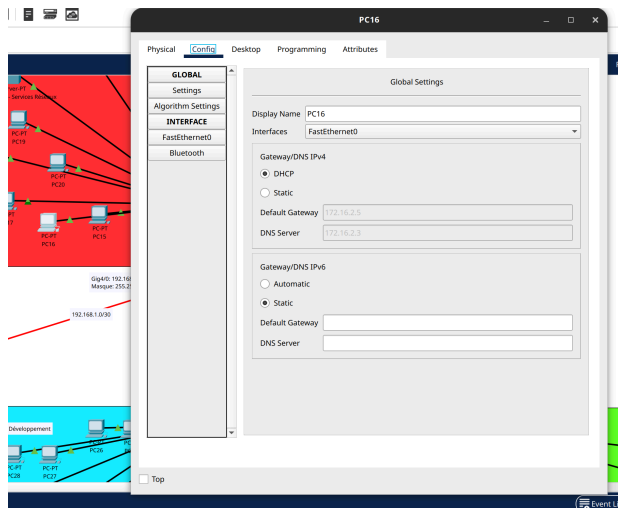



Avec nos plages et adresses IP définies, nous pouvons maintenant configurer chaque serveur individuellement. Il faut aussi activer et définir leurs services. Par exemple, le serveur DHCP offre le service DHCP, et le serveur WEB offre le service HTTP. Il faut répéter l'étape pour le serveur DHCP pour chaque LAN présent dans le WAN.









Configuration DNS pour le serveur WEB:

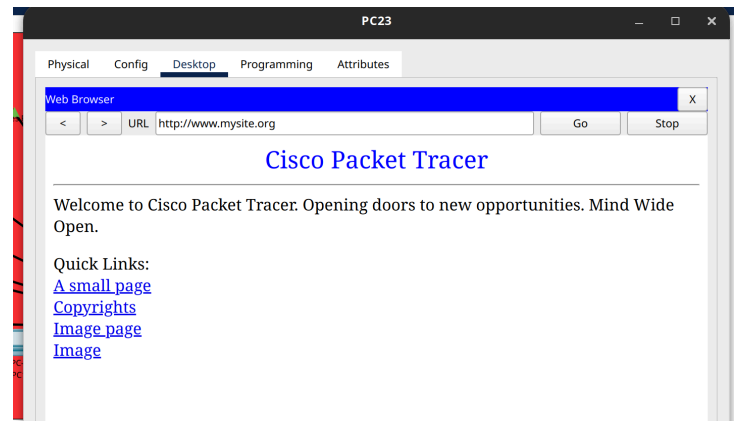


Maintenant que nos serveurs DHCP sont prêts, nous devons configurer chaque PC ou appareils à utiliser DHCP au lieu d'une IP statique.



...et maintenant, nous pouvons envoyer un simple PDU (  ) entre deux appareils du même LAN pour tester nos connexions et serveurs.

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	PC19	PC21	ICMP		0.000	N	0	(edit)	(delete)
	Successful	PC30	PC25	ICMP		0.000	N	1	(edit)	(delete)
	Successful	PC46	PC52	ICMP		0.000	N	2	(edit)	(delete)
	Successful	ServerWeb_B - S...	PC22	ICMP		0.000	N	3	(edit)	(delete)



Nous pouvons tester la connexion DNS et WEB en utilisant le navigateur web d'un PC dans le LAN.

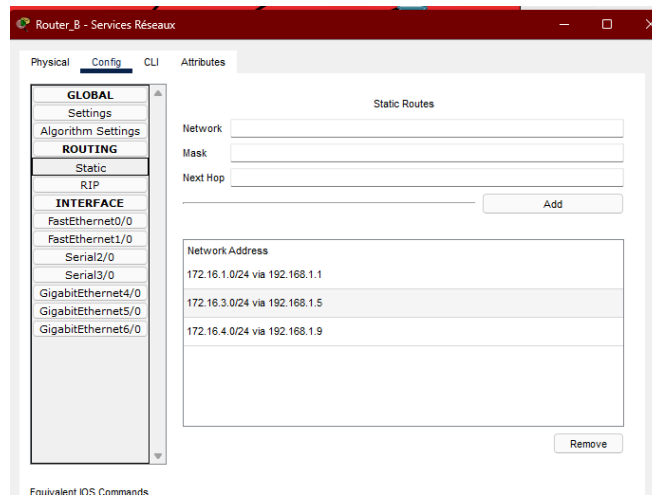
Le serveur FTP, lui, peut être testé avec le CMD d'un PC comme tel:

```
C:\>ftp 172.16.2.2
Trying to connect...172.16.2.2
Connected to 172.16.2.2
220- Welcome to PT Ftp server
Username:
```

## Phase 3: configuration WAN (Justin Saindon)

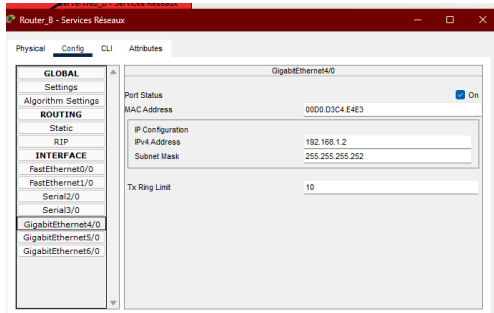
### Batiments B: Services Réseaux

Attribution des adresses static réseau inter-routeurs: **Routeur B**  
**Masque 255.255.255.0**

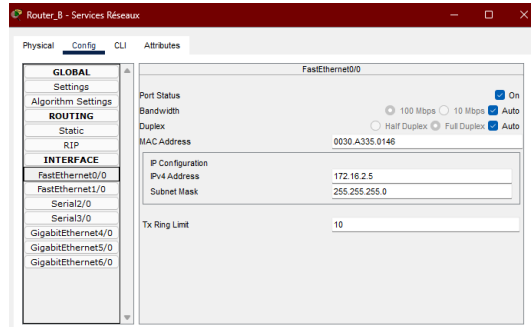


### Configuration d'ip et sous masque des ports du routeur B

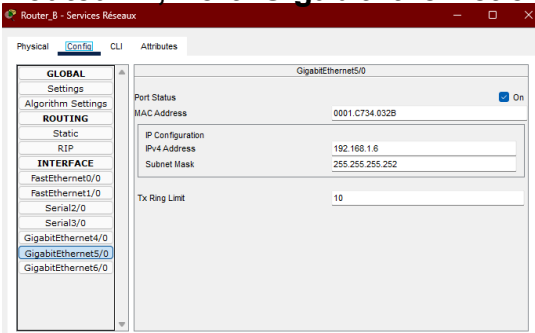
#### Routeur B; Port: FastEthernet 0/0



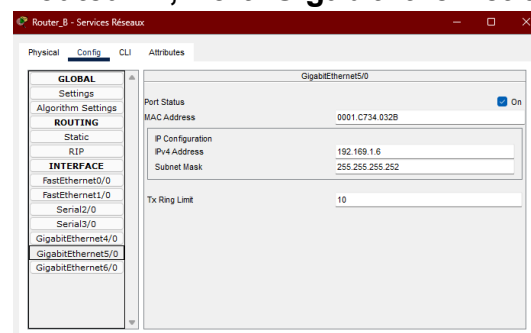
#### Routeur B; Port: GigabitEthernet 4/0



#### Routeur B; Port: GigabitEthernet 5/0

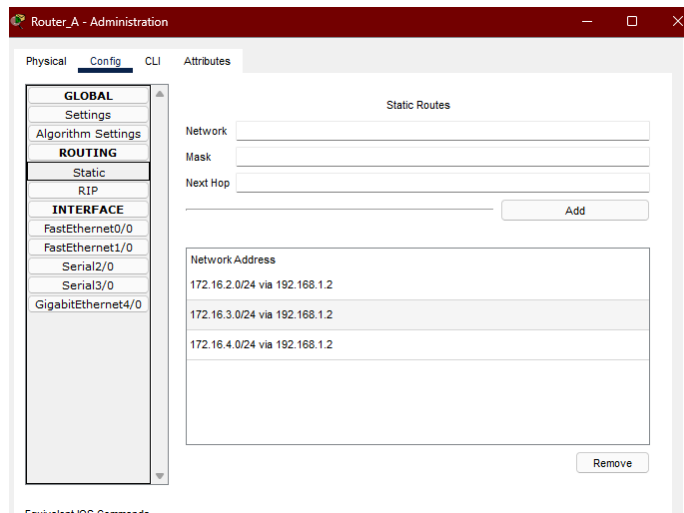


#### Routeur B; Port: GigabitEthernet 6/0



## Batiments A: Administration

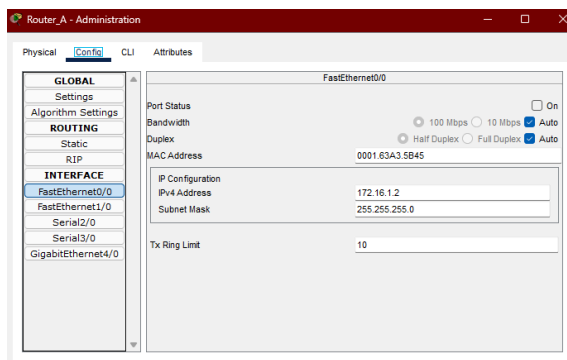
Attribution des adresses static réseau inter-routeurs: **Routeur A**  
**Masque 255.255.255.0**



The screenshot shows the 'Static Routes' configuration window in the 'Router\_A - Administration' interface. The left sidebar has tabs for 'Physical', 'Config', 'CLI', and 'Attributes', with 'Config' selected. Under 'Config', there are sub-tabs for 'GLOBAL', 'ROUTING', and 'INTERFACE'. The 'ROUTING' tab is active, showing a list of static routes. The main area contains fields for 'Network', 'Mask', and 'Next Hop', and a table of existing routes.

Network Address
172.16.2.0/24 via 192.168.1.2
172.16.3.0/24 via 192.168.1.2
172.16.4.0/24 via 192.168.1.2

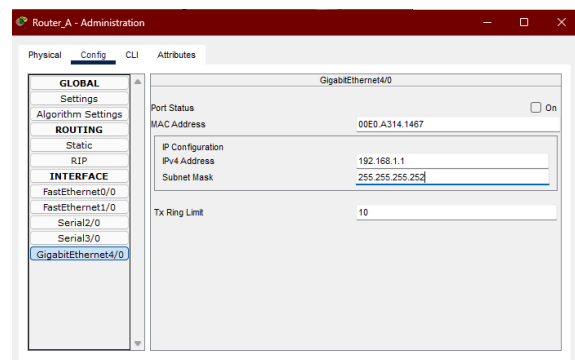
Routeur A ; Port: FastEthernet 0/0



The screenshot shows the 'FastEthernet0/0' configuration window in the 'Router\_A - Administration' interface. The left sidebar has tabs for 'Physical', 'Config', 'CLI', and 'Attributes', with 'Config' selected. Under 'Config', there are sub-tabs for 'GLOBAL', 'ROUTING', and 'INTERFACE'. The 'INTERFACE' tab is active, showing configuration for 'FastEthernet0/0'. The main area contains fields for 'Port Status', 'Bandwidth', 'Duplex', 'MAC Address', 'IP Configuration', 'IPv4 Address', 'Subnet Mask', and 'Tx Ring Limit'.

IP Configuration
IPv4 Address: 172.16.1.2
Subnet Mask: 255.255.255.0

Routeur A ; Port: GigabitEthernet 4/0



The screenshot shows the 'GigabitEthernet4/0' configuration window in the 'Router\_A - Administration' interface. The left sidebar has tabs for 'Physical', 'Config', 'CLI', and 'Attributes', with 'Config' selected. Under 'Config', there are sub-tabs for 'GLOBAL', 'ROUTING', and 'INTERFACE'. The 'INTERFACE' tab is active, showing configuration for 'GigabitEthernet4/0'. The main area contains fields for 'Port Status', 'MAC Address', 'IP Configuration', 'IPv4 Address', 'Subnet Mask', and 'Tx Ring Limit'.

IP Configuration
IPv4 Address: 192.168.1.1
Subnet Mask: 255.255.255.252

# Batiments C: Développement

Attribution des adresses static réseau inter-routeurs: **Routeur C**  
**Masque 255.255.255.0**

Router\_C - Développement

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

GigabitEthernet4/0

Static Routes

Network

Mask

Next Hop

Add

Network Address

172.16.1.0/24 via 192.168.1.6

172.16.2.0/24 via 192.168.1.6

172.16.4.0/24 via 192.168.1.6

Remove

Equivalent IOS Commands

## Routeur C ; Port: FastEthernet 0/0

Router\_C - Développement

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

GigabitEthernet4/0

GigabitEthernet4/0

Port Status

MAC Address

IP Configuration

Pv4 Address

Subnet Mask

Tx Ring Limit

0001.C951.C499

On

172.168.1.5

255.255.255.252

10

## Routeur C ; Port: GigabitEthernet 4/0

Router\_C - Développement

Physical

Config

CLI

Attributes

GLOBAL

Settings

Algorithm Settings

ROUTING

Static

RIP

INTERFACE

FastEthernet0/0

FastEthernet1/0

Serial2/0

Serial3/0

GigabitEthernet4/0

FastEthernet0/0

Port Status

Bandwidth

Duplex

MAC Address

IP Configuration

Pv4 Address

Subnet Mask

Tx Ring Limit

On

100 Mbps

10 Mbps

Auto

Half Duplex

Full Duplex

Auto

0002.1692.06A1

172.16.3.2

255.255.255.0

10



## Batiments D: Logistique

Attribution des adresses static réseau inter-routeurs: **Routeur D**

**Masque 255.255.255.0**

Router\_C - Développement

Physical Config CLI Attributes

GLOBAL Settings Algorithm Settings

ROUTING Static RIP

INTERFACE FastEthernet0/0 FastEthernet1/0 Serial2/0 Serial3/0 GigabitEthernet4/0

Static Routes

Network

Mask

Next Hop

Add

Network Address

172.16.1.0/24 via 192.168.1.6
172.16.2.0/24 via 192.168.1.6
172.16.4.0/24 via 192.168.1.6

Remove

**Routeur D ; Port: FastEthernet 0/0**

**Routeur D ; Port: GigabitEthernet 4/0**

Router\_C - Développement

Physical Config CLI Attributes

GLOBAL Settings Algorithm Settings

ROUTING Static RIP

INTERFACE FastEthernet0/0 FastEthernet1/0 Serial2/0 Serial3/0 GigabitEthernet4/0

FastEthernet0/0

Port Status ☒ On

Bandwidth  100 Mbps  10 Mbps ☒ Auto

Duplex ☐ Half Duplex ☒ Full Duplex ☒ Auto

MAC Address 0002.1692.08A1

IP Configuration

IPv4 Address 172.16.3.2

Subnet Mask 255.255.255.0

Tx Ring Limit 10

Router\_C - Développement

Physical Config CLI Attributes

GLOBAL Settings Algorithm Settings

ROUTING Static RIP

INTERFACE FastEthernet0/0 FastEthernet1/0 Serial2/0 Serial3/0 GigabitEthernet4/0

GigabitEthernet4/0

Port Status ☒ On

MAC Address 0001.C951.C499

IP Configuration

IPv4 Address 192.168.1.5







Subnet Mask 255.255.255.252

Tx Ring Limit 10







## Communication du server DHCP vers les routeur

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit
	Successful	ServerDHCP_B - Services Réseaux	Router_D - Logistique	ICMP		0.000	N	0	(edit)
	Successful	ServerDHCP_B - Services Réseaux	Router_B - Services Réseaux	ICMP		0.000	N	1	(edit)
	Successful	ServerDHCP_B - Services Réseaux	Router_A - Administration	ICMP		0.000	N	2	(edit)
	Successful	ServerDHCP_B - Services Réseaux	Router_C - Développement	ICMP		0.000	N	3	(edit)

### Communication inter-routeur A vers B,C,D

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num
	Successful	Router_B - Services Réseaux	Router_A - Administration	ICMP		0.000	N	0
	Successful	Router_B - Services Réseaux	Router_C - Développement	ICMP		0.000	N	1
	Successful	Router_B - Services Réseaux	Router_D - Logistique	ICMP		0.000	N	2

### Communication inter-serveur

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num
	Successful	ServerDHCP_B - Services Réseaux	ServerDHCP_A - Administration	ICMP		0.000	N	0
	Successful	ServerDHCP_B - Services Réseaux	ServerDHCP_C - Développement	ICMP		0.000	N	1
	Successful	ServerDHCP_B - Services Réseaux	Server_D - Logistique	ICMP		0.000	N	2

### Routeur B (Show Ip Route)

```

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

    172.16.0.0/24 is subnetted, 4 subnets
S       172.16.1.0 [1/0] via 192.168.1.1
C       172.16.2.0 is directly connected, FastEthernet0/0
S       172.16.3.0 [1/0] via 192.168.1.5
S       172.16.4.0 [1/0] via 192.168.1.9
    192.168.1.0/30 is subnetted, 3 subnets
C       192.168.1.0 is directly connected, GigabitEthernet4/0
C       192.168.1.4 is directly connected, GigabitEthernet5/0
C       192.168.1.8 is directly connected, GigabitEthernet6/0

Router>

```

## Routeur A (Show Ip Route)

```
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

```
      172.16.0.0/24 is subnetted, 4 subnets
C      172.16.1.0 is directly connected, FastEthernet0/0
S      172.16.2.0 [1/0] via 192.168.1.2
S      172.16.3.0 [1/0] via 192.168.1.2
S      172.16.4.0 [1/0] via 192.168.1.2
      192.168.1.0/30 is subnetted, 1 subnets
C      192.168.1.0 is directly connected, GigabitEthernet4/0
```

## Routeur C (Show Ip Route)

```
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

```
      172.16.0.0/24 is subnetted, 4 subnets
S      172.16.1.0 [1/0] via 192.168.1.6
S      172.16.2.0 [1/0] via 192.168.1.6
C      172.16.3.0 is directly connected, FastEthernet0/0
S      172.16.4.0 [1/0] via 192.168.1.6
      192.168.1.0/30 is subnetted, 1 subnets
C      192.168.1.4 is directly connected, GigabitEthernet4/0
```

Router>D

## Routeur D (Show Ip Route)

```
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

```

      172.16.0.0/24 is subnetted, 4 subnets
S       172.16.1.0 [1/0] via 192.168.1.10
S       172.16.2.0 [1/0] via 192.168.1.10
S       172.16.3.0 [1/0] via 192.168.1.10
C       172.16.4.0 is directly connected, FastEthernet0/0
      192.168.1.0/30 is subnetted, 1 subnets
C       192.168.1.8 is directly connected, GigabitEthernet4/0
```

Router>

## Ping Server DHCP B vers DHCP A, C,D | Ping Server DHCP A vers DHCP B, C,

```
C:\>ping 172.16.1.2

Pinging 172.16.1.2 with 32 bytes of data:

Reply from 172.16.1.2: bytes=32 time<1ms TTL=254
Reply from 172.16.1.2: bytes=32 time<1ms TTL=254
Reply from 172.16.1.2: bytes=32 time<1ms TTL=254
Reply from 172.16.1.2: bytes=32 time<1ms TTL=254

Ping statistics for 172.16.1.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 172.16.3.0

Pinging 172.16.3.0 with 32 bytes of data:

Reply from 192.168.1.5: bytes=32 time<1ms TTL=254
Reply from 192.168.1.5: bytes=32 time<1ms TTL=254
Reply from 192.168.1.5: bytes=32 time<1ms TTL=254
Reply from 192.168.1.5: bytes=32 time<1ms TTL=254

Ping statistics for 172.16.3.0:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 172.16.4.2

Pinging 172.16.4.2 with 32 bytes of data:

Reply from 172.16.4.2: bytes=32 time<1ms TTL=254
Reply from 172.16.4.2: bytes=32 time<1ms TTL=254
Reply from 172.16.4.2: bytes=32 time<1ms TTL=254
Reply from 172.16.4.2: bytes=32 time<1ms TTL=254

Ping statistics for 172.16.4.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms
```

```
Cisco Packet Tracer SERVER Command Line 1.0
C:\>Ping 172.16.2.0

Pinging 172.16.2.0 with 32 bytes of data:

Reply from 192.168.1.2: bytes=32 time<1ms TTL=254
Reply from 192.168.1.2: bytes=32 time<1ms TTL=254
Reply from 192.168.1.2: bytes=32 time<1ms TTL=254
Reply from 192.168.1.2: bytes=32 time<1ms TTL=254

Ping statistics for 172.16.2.0:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 172.16.3.0

Pinging 172.16.3.0 with 32 bytes of data:

Reply from 192.168.1.5: bytes=32 time<1ms TTL=253
Reply from 192.168.1.5: bytes=32 time<1ms TTL=253
Reply from 192.168.1.5: bytes=32 time=9ms TTL=253
Reply from 192.168.1.5: bytes=32 time<1ms TTL=253

Ping statistics for 172.16.3.0:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 9ms, Average = 2ms

C:\>ping 172.16.4.0

Pinging 172.16.4.0 with 32 bytes of data:

Reply from 192.168.1.9: bytes=32 time<1ms TTL=253
Reply from 192.168.1.9: bytes=32 time<1ms TTL=253
Reply from 192.168.1.9: bytes=32 time<1ms TTL=253
Reply from 192.168.1.9: bytes=32 time<1ms TTL=253

Ping statistics for 172.16.4.0:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
    Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

## Ping Server DHCP C vers DHCP A,B,D | Ping Server DHCP D vers DHCP A,B,C

```
C:\>ping 172.16.2.0

Pinging 172.16.2.0 with 32 bytes of data:

Reply from 192.168.1.6: bytes=32 time<1ms TTL=254
Reply from 192.168.1.6: bytes=32 time<1ms TTL=254
Reply from 192.168.1.6: bytes=32 time<1ms TTL=254
Reply from 192.168.1.6: bytes=32 time<1ms TTL=254

Ping statistics for 172.16.2.0:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 172.16.1.0

Pinging 172.16.1.0 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time<1ms TTL=253
Reply from 192.168.1.1: bytes=32 time<1ms TTL=253
Reply from 192.168.1.1: bytes=32 time<1ms TTL=253
Reply from 192.168.1.1: bytes=32 time<1ms TTL=253

Ping statistics for 172.16.1.0:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>ping 172.16.4.0

Pinging 172.16.4.0 with 32 bytes of data:

Reply from 192.168.1.9: bytes=32 time<1ms TTL=253
Reply from 192.168.1.9: bytes=32 time<1ms TTL=253
Reply from 192.168.1.9: bytes=32 time<1ms TTL=253
Reply from 192.168.1.9: bytes=32 time<1ms TTL=253

Ping statistics for 172.16.4.0:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

C:\>
```

```
C:\>Ping 172.16.1.0

Pinging 172.16.1.0 with 32 bytes of data:

Reply from 192.168.1.1: bytes=32 time=13ms TTL=253
Reply from 192.168.1.1: bytes=32 time<1ms TTL=253
Reply from 192.168.1.1: bytes=32 time<1ms TTL=253
Reply from 192.168.1.1: bytes=32 time<1ms TTL=253

Ping statistics for 172.16.1.0:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 13ms, Average = 3ms

C:\>ping 172.16.2.0

Pinging 172.16.2.0 with 32 bytes of data:

Reply from 192.168.1.10: bytes=32 time<1ms TTL=254
Reply from 192.168.1.10: bytes=32 time<1ms TTL=254
Reply from 192.168.1.10: bytes=32 time<1ms TTL=254
Reply from 192.168.1.10: bytes=32 time=1ms TTL=254

Ping statistics for 172.16.2.0:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>ping 172.16.3.0

Pinging 172.16.3.0 with 32 bytes of data:

Reply from 192.168.1.5: bytes=32 time<1ms TTL=253
Reply from 192.168.1.5: bytes=32 time<1ms TTL=253
Reply from 192.168.1.5: bytes=32 time=1ms TTL=253
Reply from 192.168.1.5: bytes=32 time<1ms TTL=253

Ping statistics for 172.16.3.0:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\>
```

## Traceroute routeur B vers A

```
Router#traceroute 172.16.1.0
Type escape sequence to abort.
Tracing the route to 172.16.1.0
```

```
 1  192.168.1.1      0 msec    0 msec    0 msec
```

## Traceroute routeur B vers C

```
Router#traceroute 192.168.1.5
Type escape sequence to abort.
Tracing the route to 192.168.1.5
```

```
 1  192.168.1.5      0 msec    0 msec    0 msec
```

## Traceroute routeur B vers D

```
Router#traceroute 192.168.1.9
Type escape sequence to abort.
Tracing the route to 192.168.1.9
```

```
 1  192.168.1.9      0 msec    0 msec    0 msec
```

## Mots de passe routeur B

```
Router_B - Services Réseaux

en
Router#config
Configuring from terminal, memory, or network [terminal]? t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#enable secret
% Incomplete command.
Router(config)#enable secret cisco
Router(config)#
Router(config)#
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
exit

Router>en
Password:
Router#
```

## Mots de passe routeur A

```
Router_A - Administration

Router>en
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#enable secret cisco
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
exit

Router>en
Password:
Router#
```

## Mots de passe routeur C

```
Router_C - Développement

Router>en
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#enable secret cisco
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
exit

Router>en
Password:
Router#
```

## Mots de passe routeur D

```
Router_D - Logistique
Router>en
Router#config t
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#enable secret cisco
Router(config)#exit
Router#
%SYS-5-CONFIG_I: Configured from console by console
exit

Router>en
Password:
Router#
```

**Mot de passe routeurs: Cisco**