

## Consultation des tables de routage IP (3)

Le routage IP permet de faire communiquer des postes par le biais du protocole IP.

## Contenu du cours.

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- **Communication entre deux postes connectés sur deux réseaux différents**

“ **Cas d'un accès à un poste ou un serveur situé sur Internet**



# Prés requis.

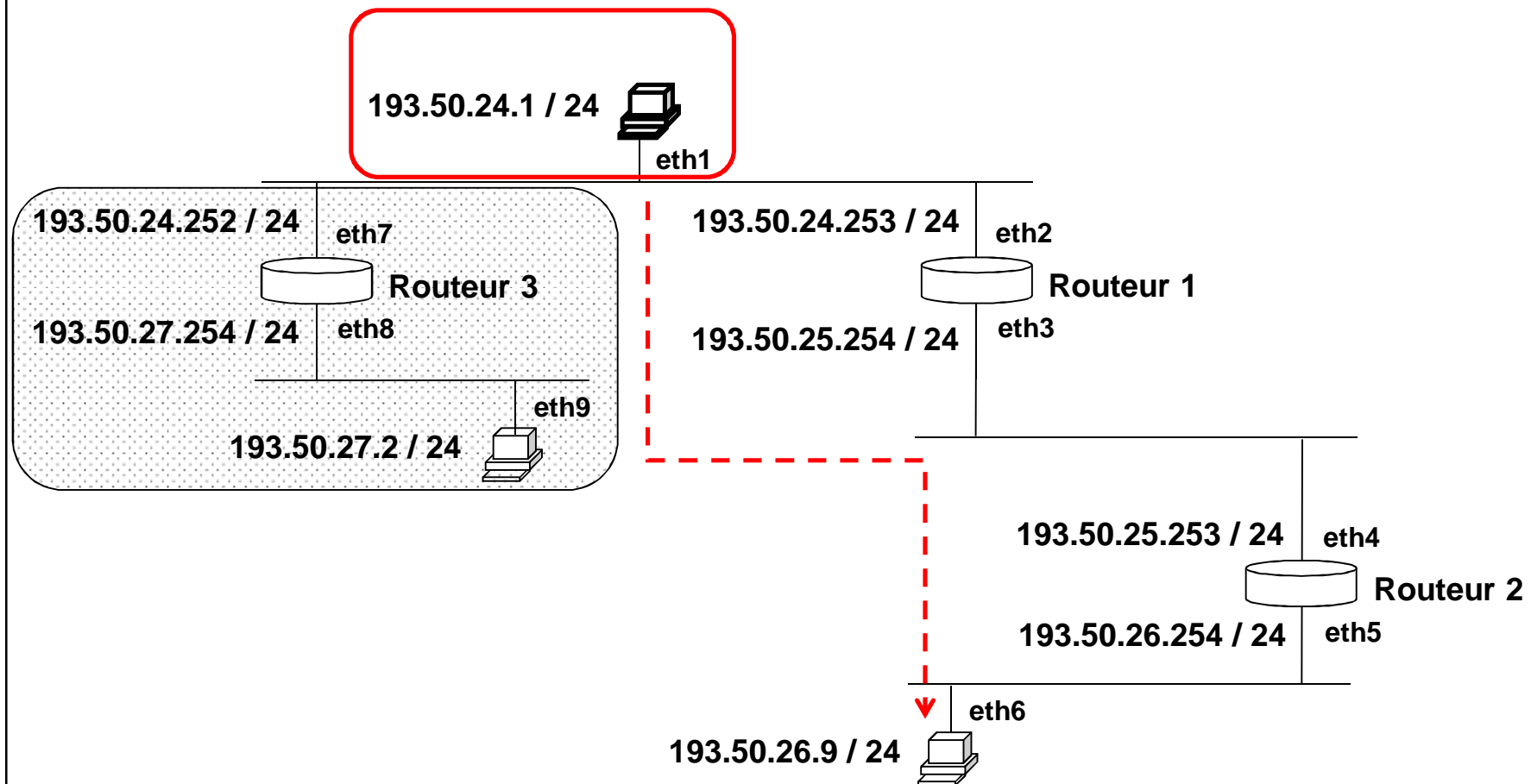
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- **Principes de fonctionnement du protocole IP**
- **Routage sur un même réseau local**
- **Routage entre deux réseaux différents**



# Routage IP.

- Ping de 193.50.26.9 depuis 193.50.24.1



# Routage IP.

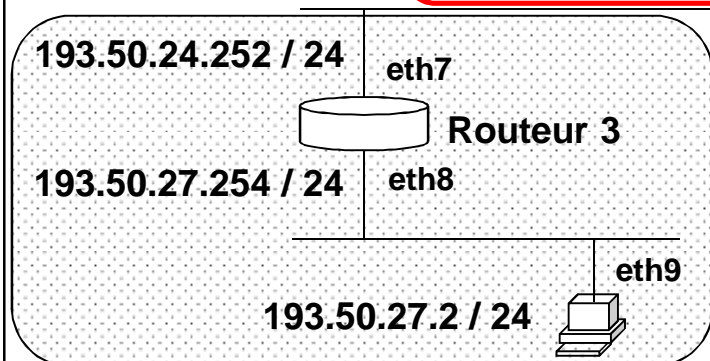
- Ping de 193.50.26.9 depuis 193.50.24.1

Destination	Masque	Passerelle	Int
193.50.24.0	255.255.255.0		eth1
193.50.26.0	255.255.255.0	193.50.24.253	eth1
193.50.27.0	255.255.255.0	193.50.24.252	eth1

193.50.24.1 / 24

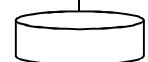


eth1



193.50.24.253 / 24

eth2



Routeur 1

193.50.25.254 / 24

eth3

193.50.25.253 / 24

eth4



Routeur 2

193.50.26.254 / 24

eth5

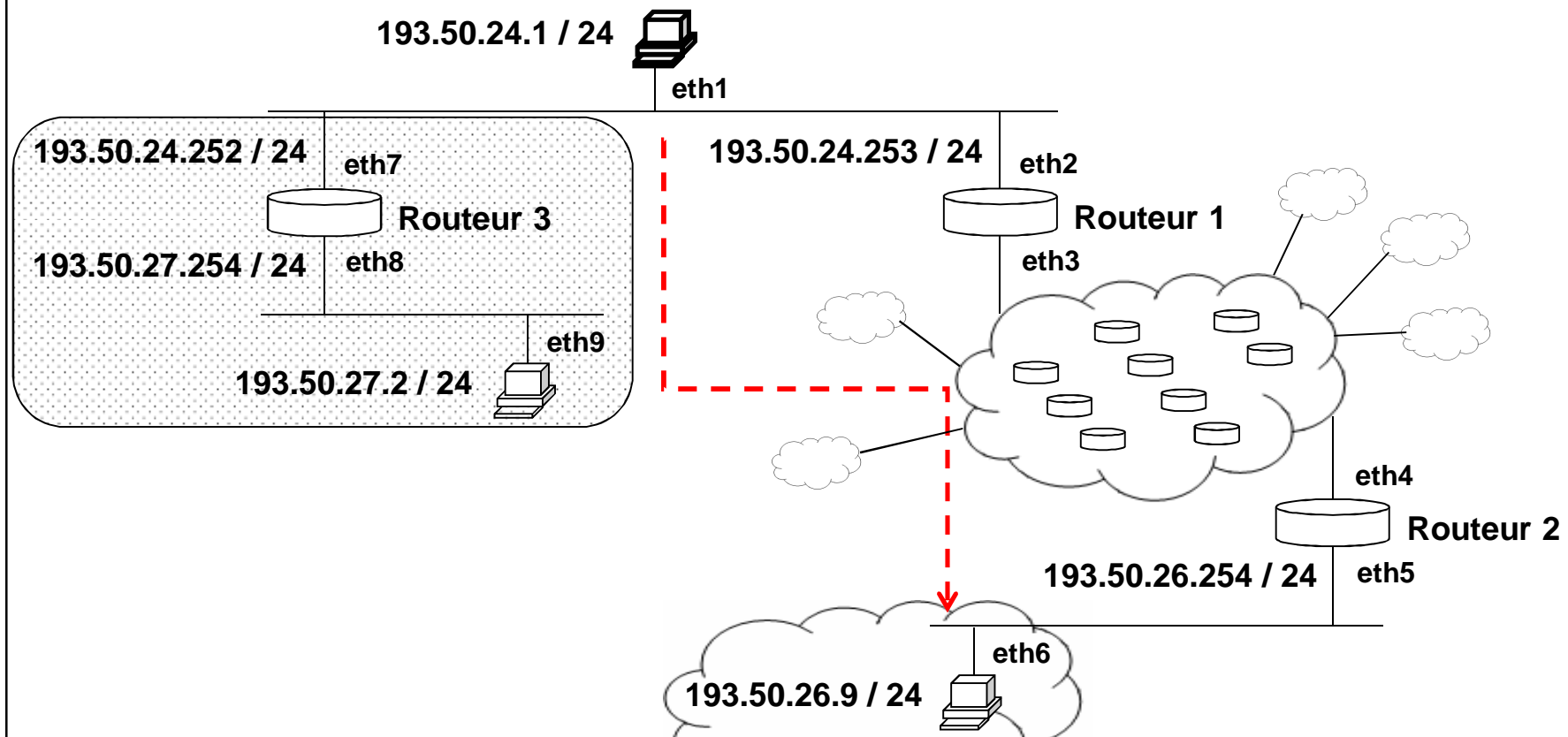
eth6

193.50.26.9 / 24



# Routage IP.

- Ping de 193.50.26.9 depuis 193.50.24.1



# Routage IP.

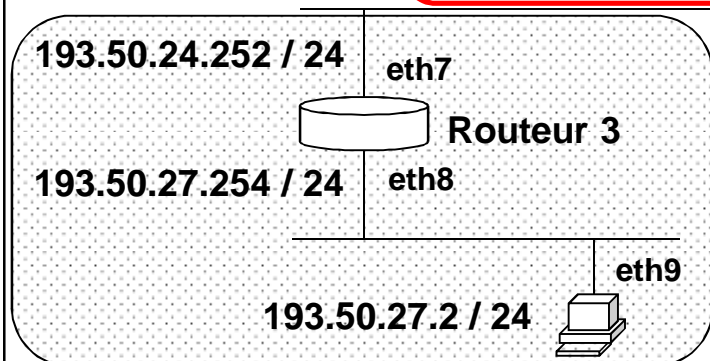
- Ping de 193.50.26.9 depuis 193.50.24.1

Destination	Masque	Passerelle	Int
193.50.24.0	255.255.255.0		eth1
193.50.26.0	255.255.255.0	193.50.24.253	eth1
193.50.27.0	255.255.255.0	193.50.24.252	eth1

193.50.24.1 / 24



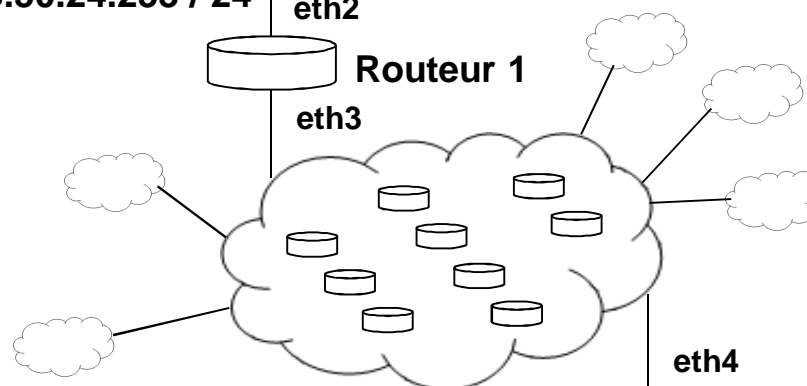
eth1



193.50.24.253 / 24

eth2

eth3



eth4

eth5

193.50.26.254 / 24



Routeur 2

193.50.26.9 / 24

eth6



# Routage IP.

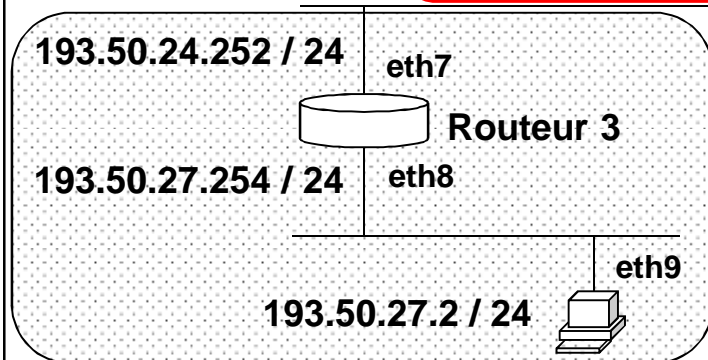
- Ping de 193.50.26.9 depuis 193.50.24.1

Destination	Masque	Passerelle	Int
193.50.24.0	255.255.255.0		eth1
0.0.0.0	0.0.0.0	193.50.24.253	eth1
193.50.27.0	255.255.255.0	193.50.24.252	eth1

193.50.24.1 / 24



eth1

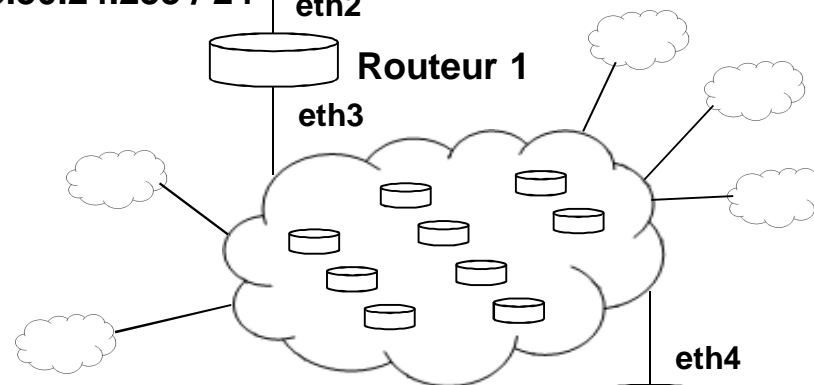


193.50.24.253 / 24

eth2

Router 1

eth3



eth4

Router 2

193.50.26.254 / 24

eth5

193.50.26.9 / 24

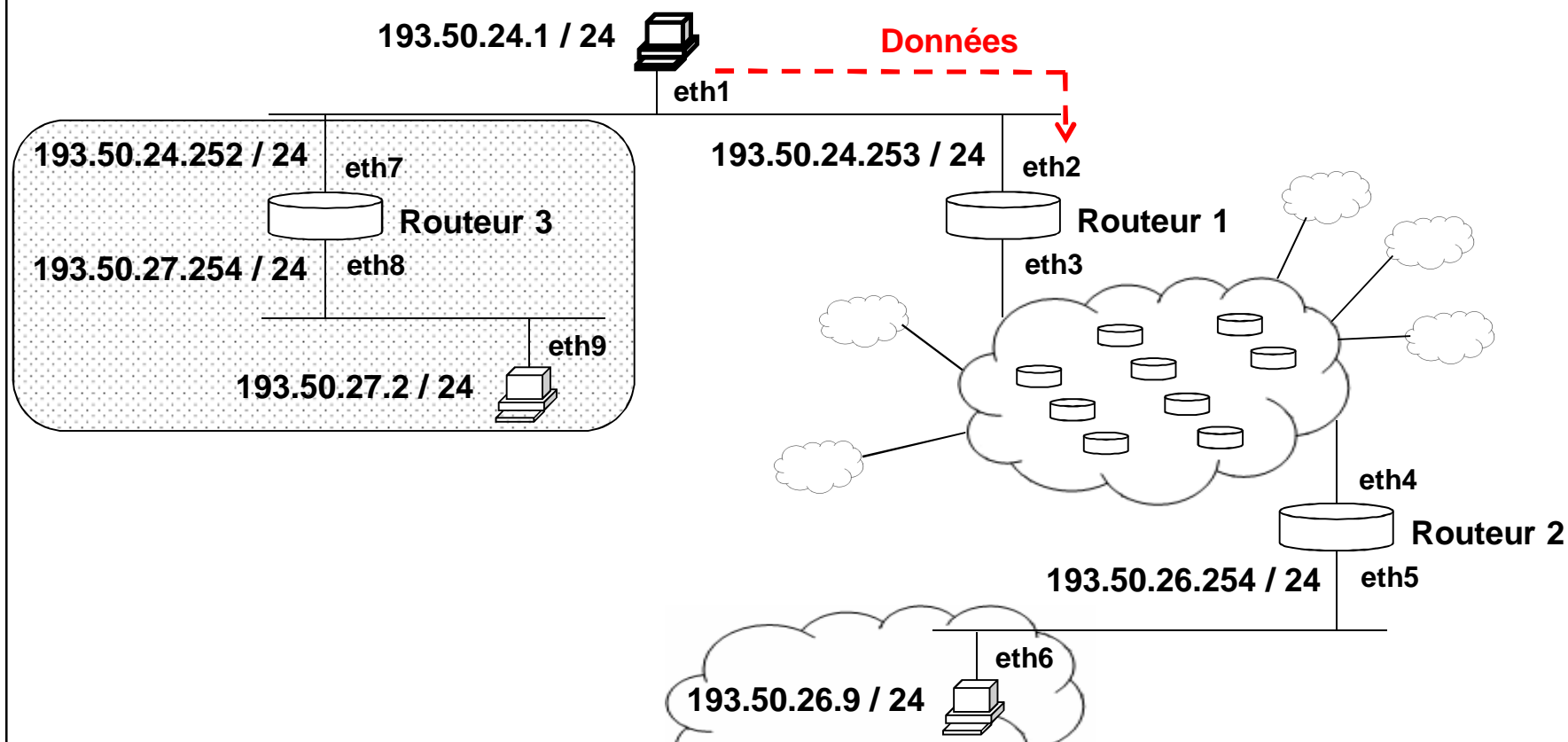
eth6





# Routage IP.

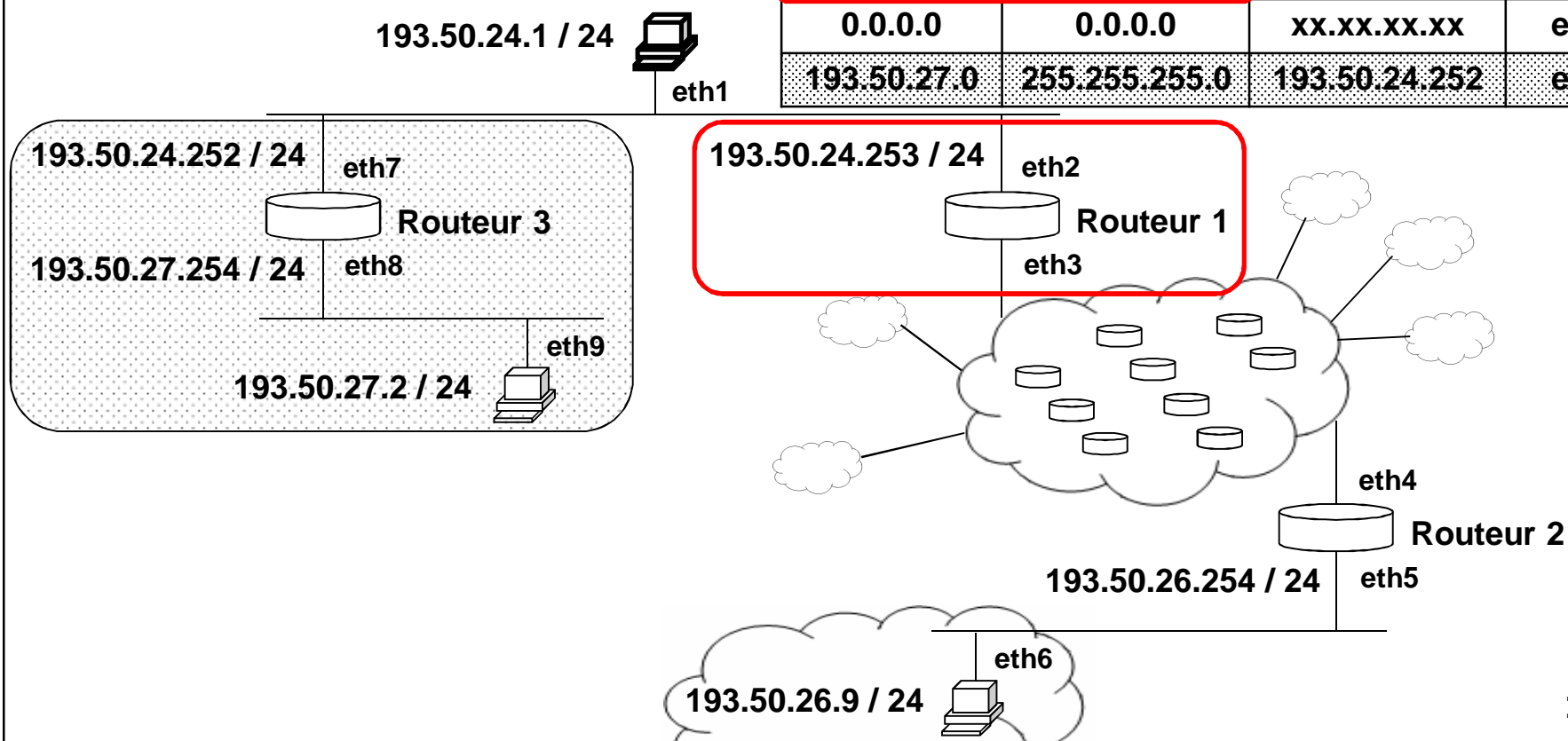
- Ping de 193.50.26.9 depuis 193.50.24.1



# Routage IP.

□ Ping de 193.50.26.9 depuis 193.50.24.1

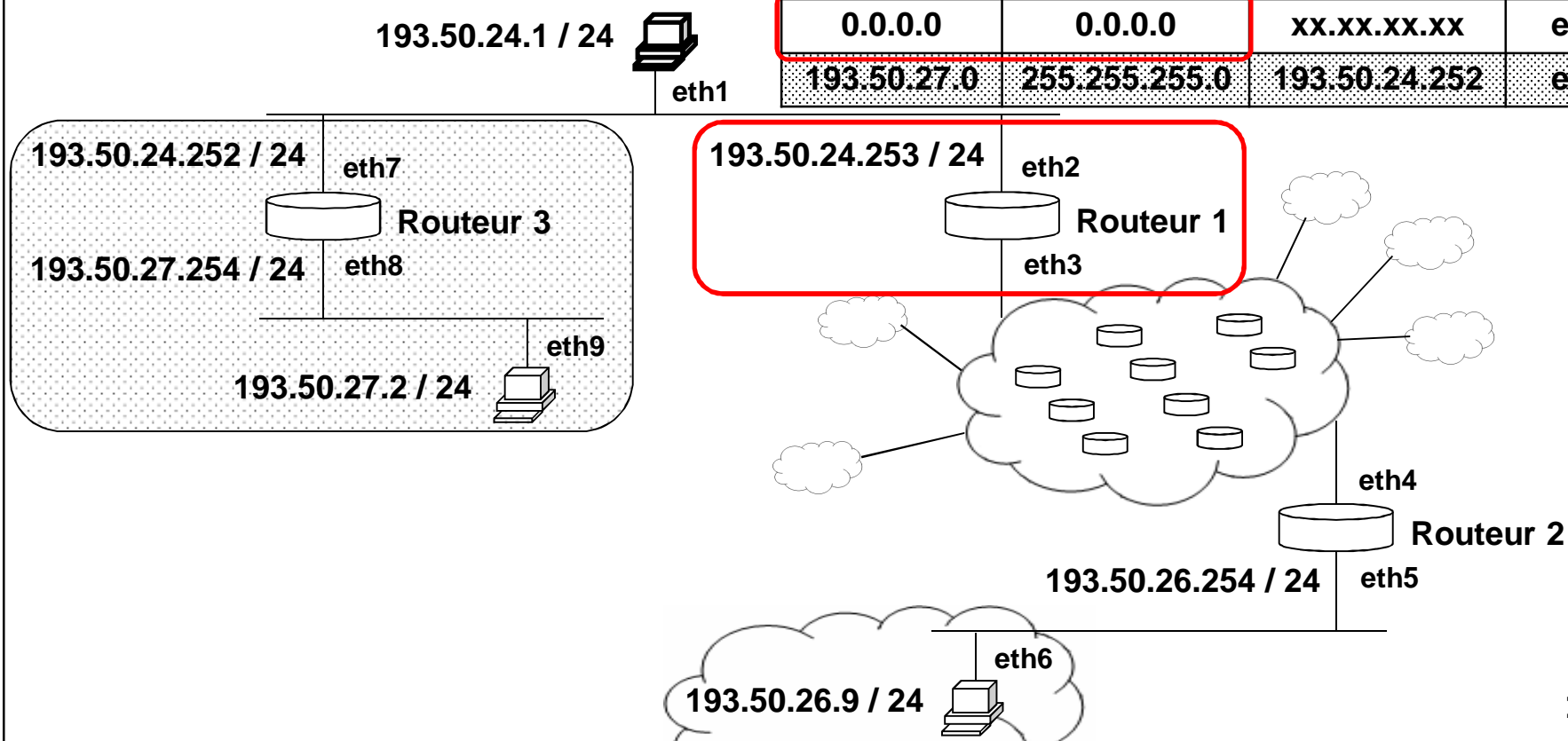
Destination	Masque	Passerelle	Int
193.50.24.0	255.255.255.0		eth2
XX.XX.XX.XX	XX.XX.XX.XX		eth3
0.0.0.0	0.0.0.0	XX.XX.XX.XX	eth3
193.50.27.0	255.255.255.0	193.50.24.252	eth2



# Routage IP.

□ Ping de 193.50.26.9 depuis 193.50.24.1

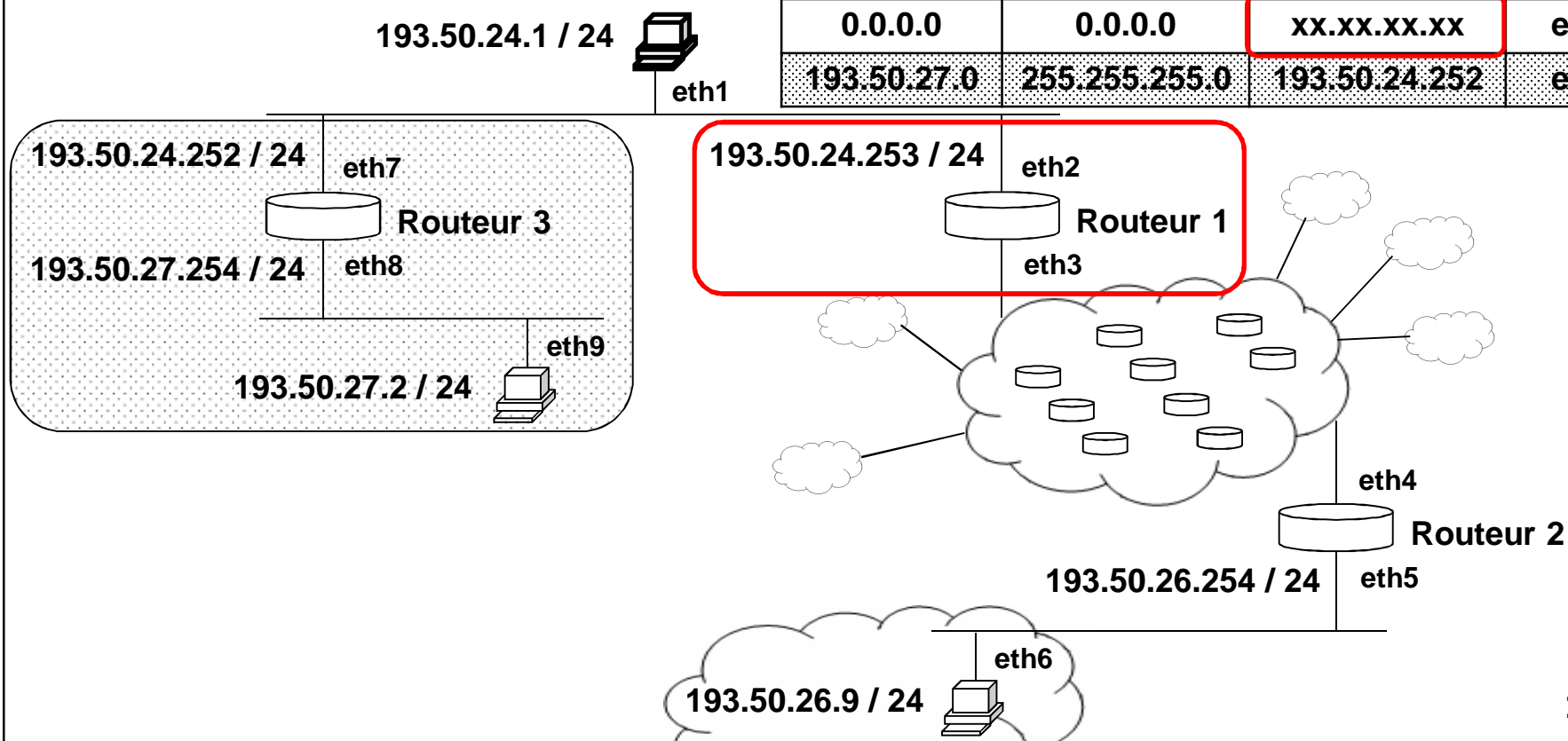
Destination	Masque	Passerelle	Int
193.50.24.0	255.255.255.0		eth2
XX.XX.XX.XX	XX.XX.XX.XX		eth3
0.0.0.0	0.0.0.0	XX.XX.XX.XX	eth3
193.50.27.0	255.255.255.0	193.50.24.252	eth2



# Routage IP.

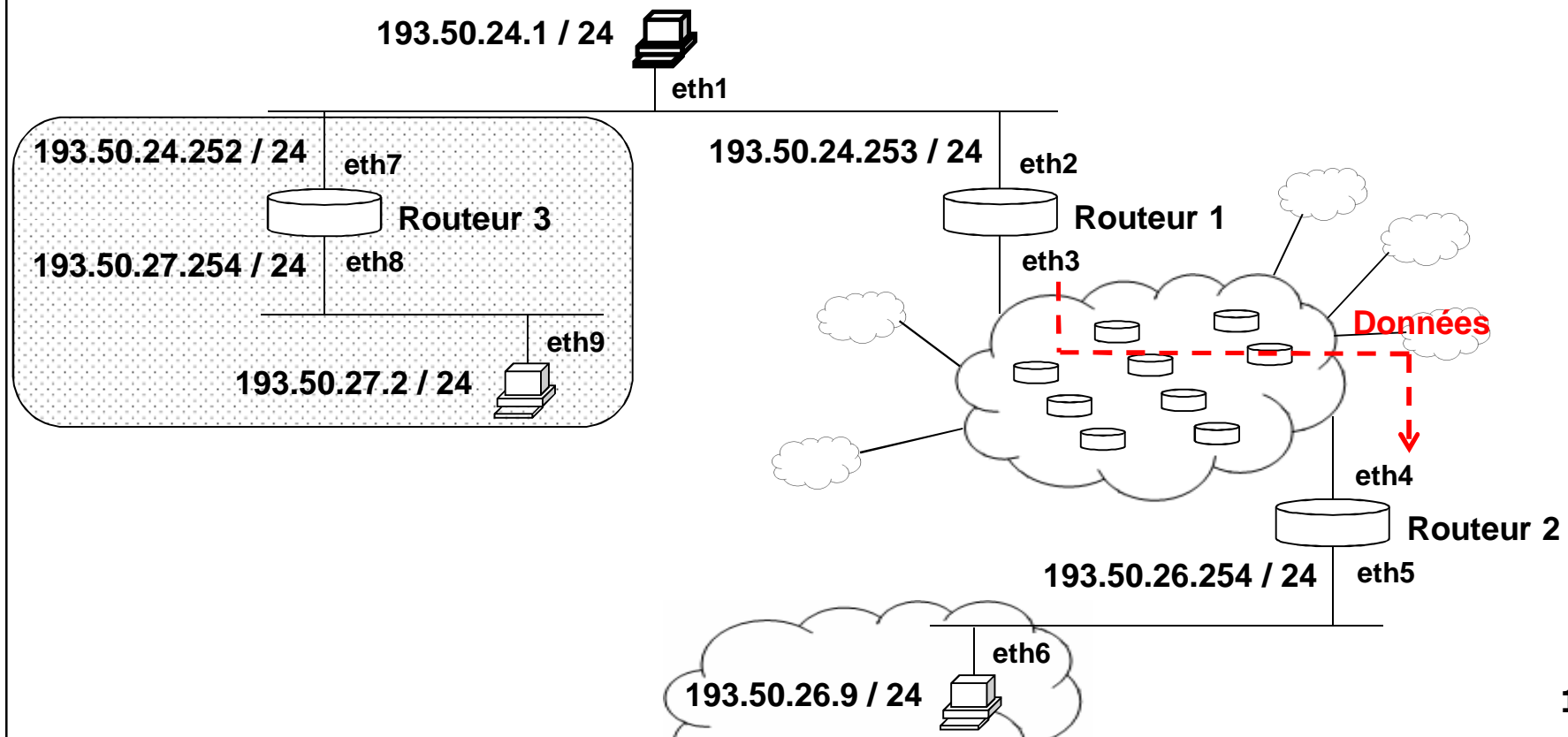
□ Ping de 193.50.26.9 depuis 193.50.24.1

Destination	Masque	Passerelle	Int
193.50.24.0	255.255.255.0		eth2
XX.XX.XX.XX	XX.XX.XX.XX		eth3
0.0.0.0	0.0.0.0	XX.XX.XX.XX	eth3
193.50.27.0	255.255.255.0	193.50.24.252	eth2



# Routage IP.

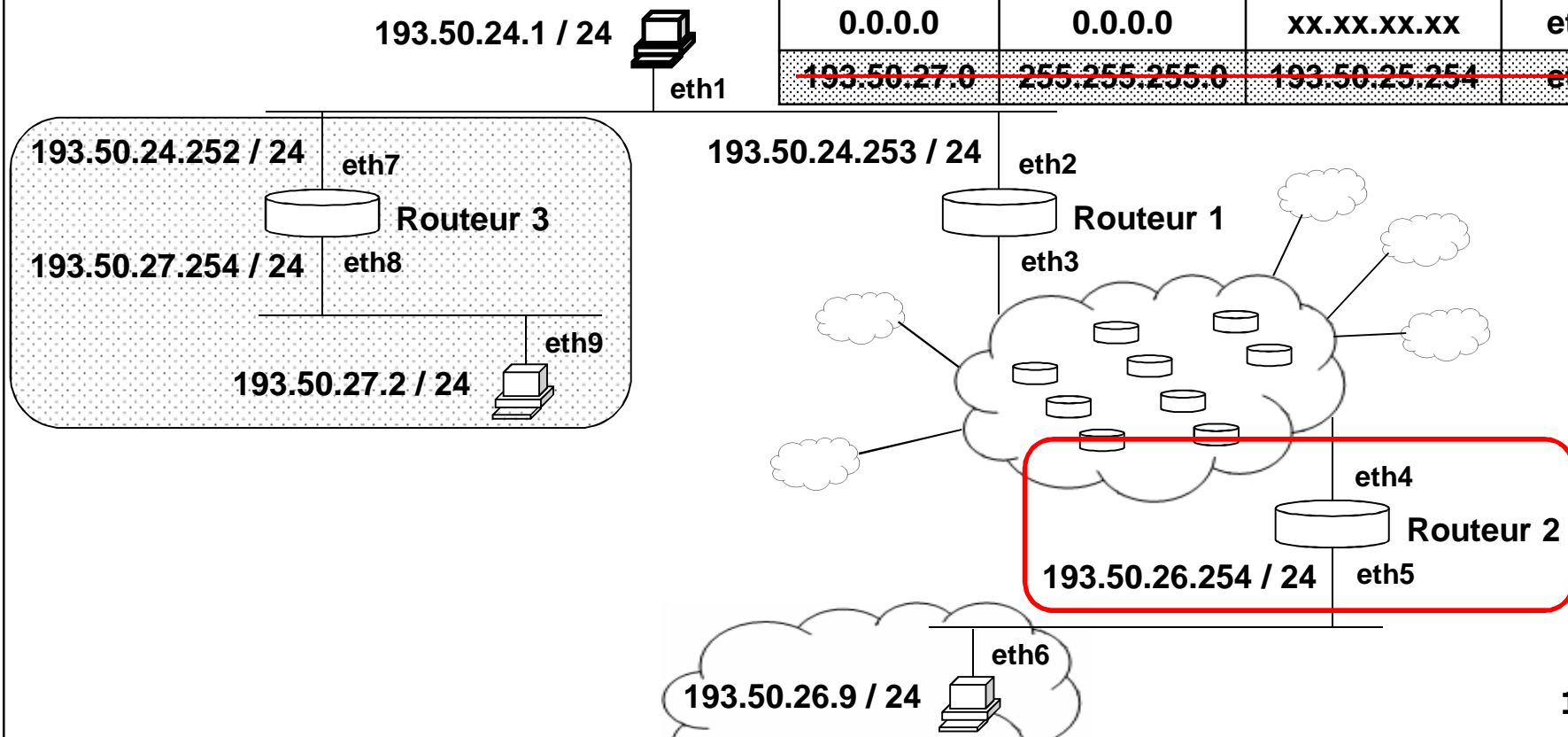
- Ping de 193.50.26.9 depuis 193.50.24.1



# Routage IP.

- Ping de 193.50.26.9 depuis 193.50.24.1

Destination	Masque	Passerelle	Int
XX.XX.XX.XX	XX.XX.XX.XX		eth4
193.50.26.0	255.255.255.0		eth5
0.0.0.0	0.0.0.0	XX.XX.XX.XX	eth4
<del>193.50.27.0</del>	<del>255.255.255.0</del>	<del>193.50.25.254</del>	<del>eth4</del>



# Routage IP.

- Ping de 193.50.26.9 depuis 193.50.24.1

