

## Consultation des tables de routage IP (2)

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

## Contenu de ce 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 un autre réseau local**



## Prés requis.

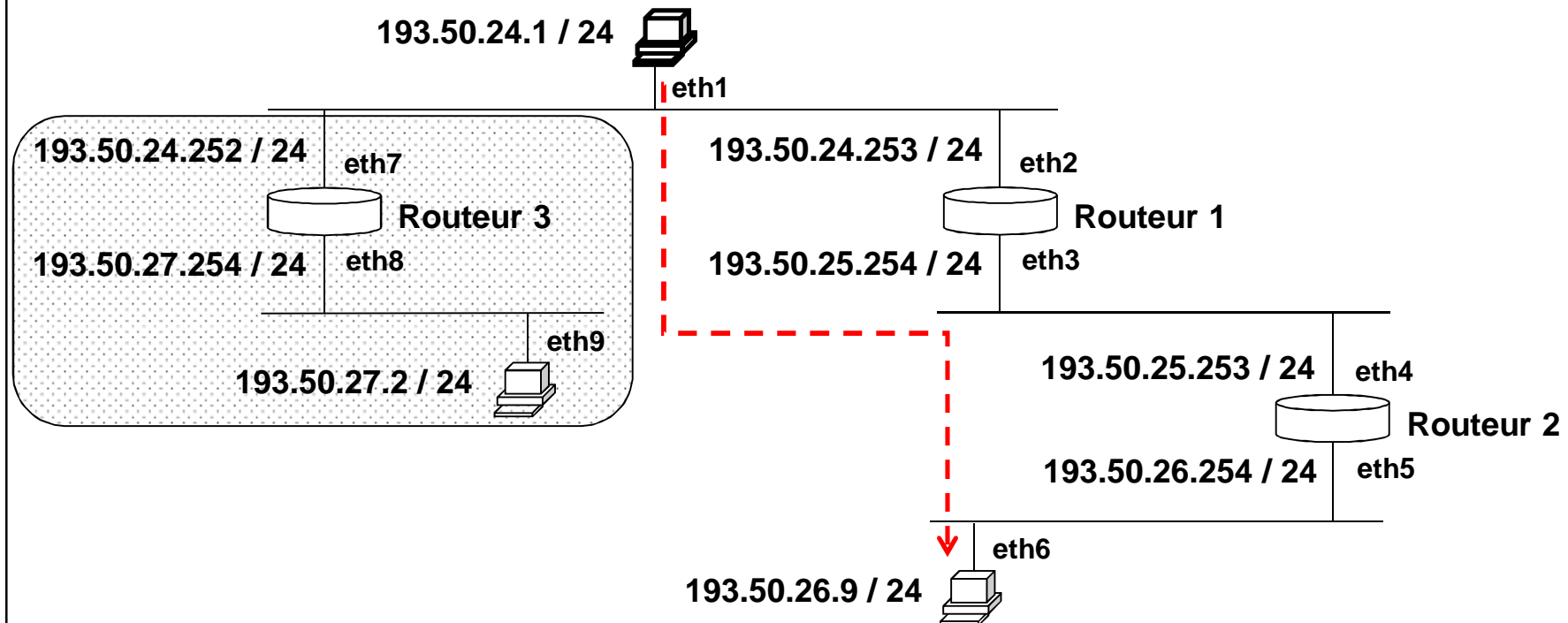
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- **Principes de fonctionnement du protocole IP**
- **Routage sur un même réseau local**



# Routage IP.

- Ping de 193.50.26.9 depuis 193.50.24.1



# Routage IP.

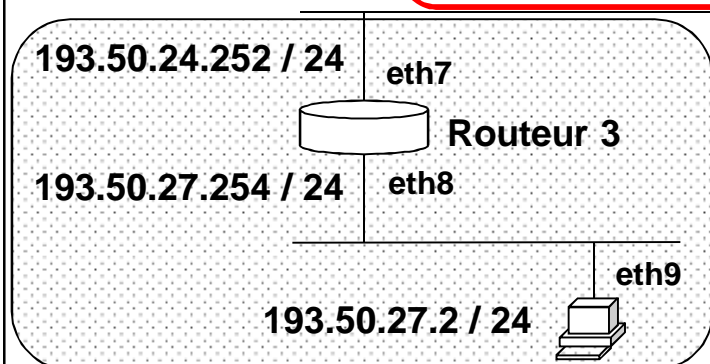
## □ Elaboration de la table de routage du poste de source

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.

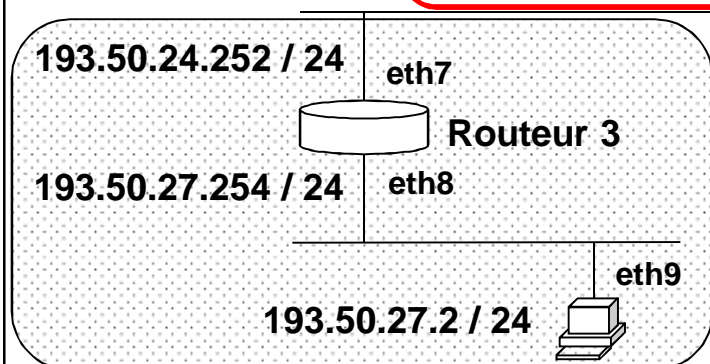
□ Ping de **193.50.26.9** depuis 193.50.24.1

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

193.50.25.254 / 24

eth3

193.50.25.253 / 24

eth4

193.50.26.254 / 24

eth5

eth6

193.50.26.9 / 24



Routeur 2

Routeur 1

# Routage IP.

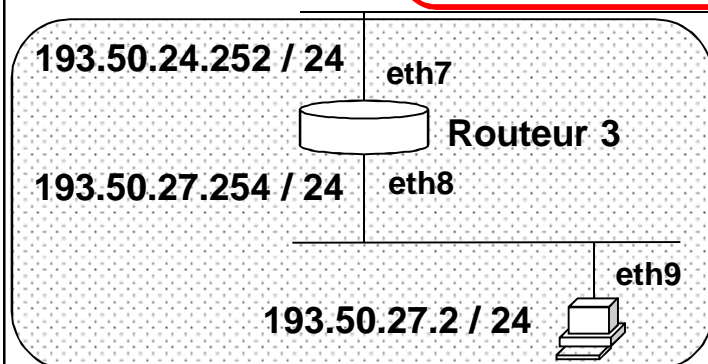
□ Ping de 193.50.26.9 depuis 193.50.24.1

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

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

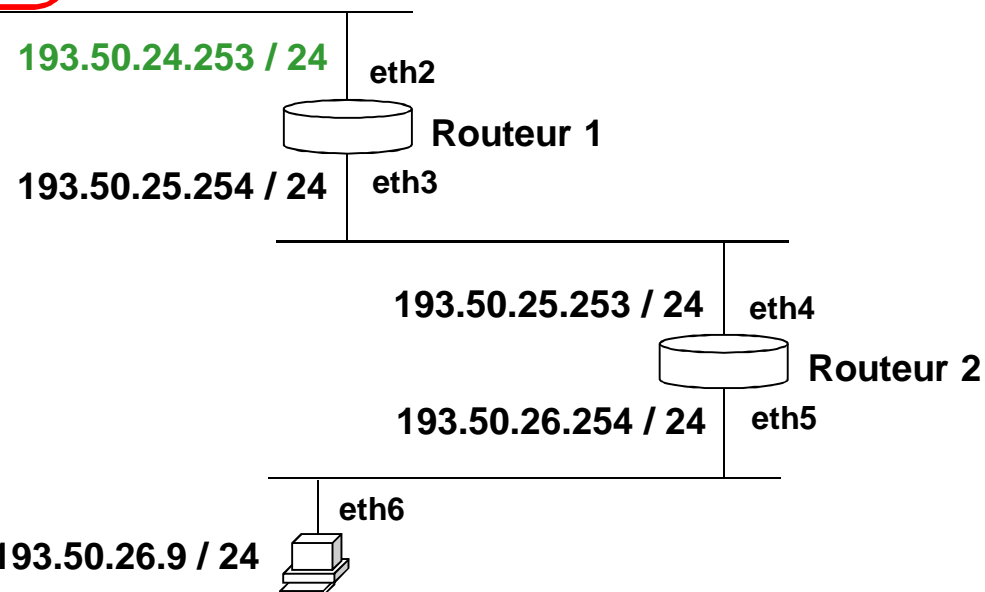
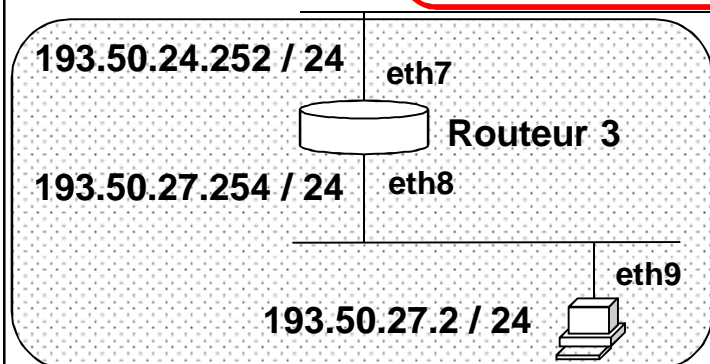
Routeur 2

193.50.26.254 / 24

eth5

eth6

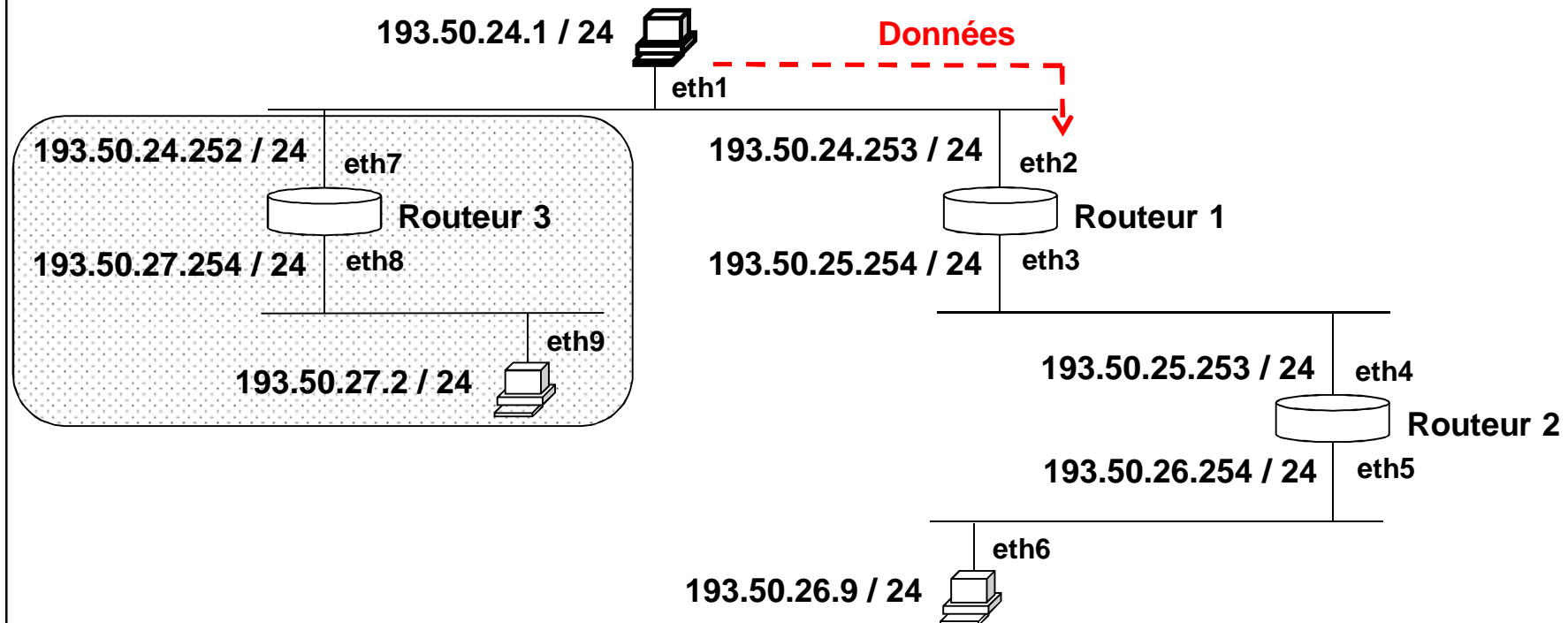
193.50.26.9 / 24





# Routage IP.

## □ Acheminement des données au routeur 1

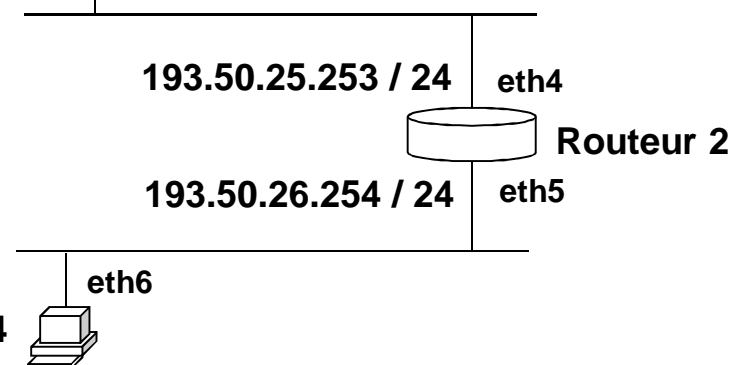
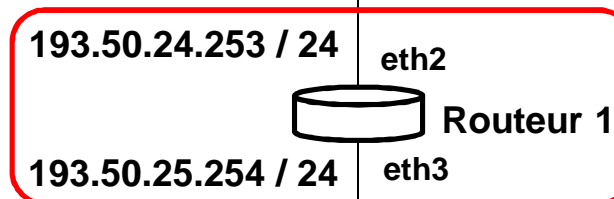
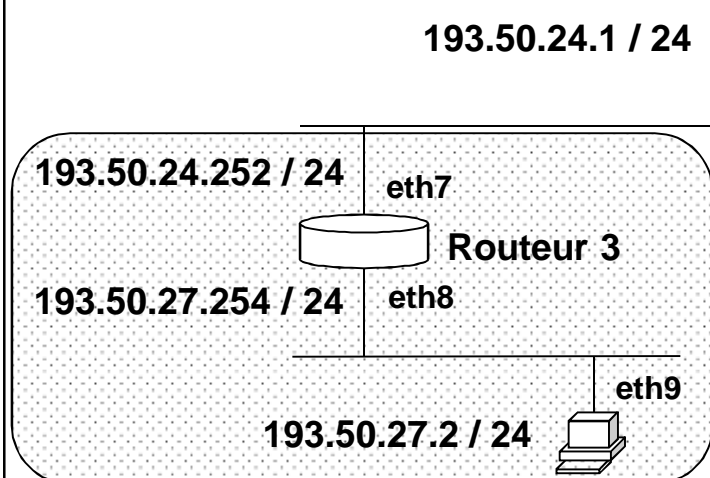


# Routage IP.

□ Ping de **193.50.26.9** depuis 193.50.24.1



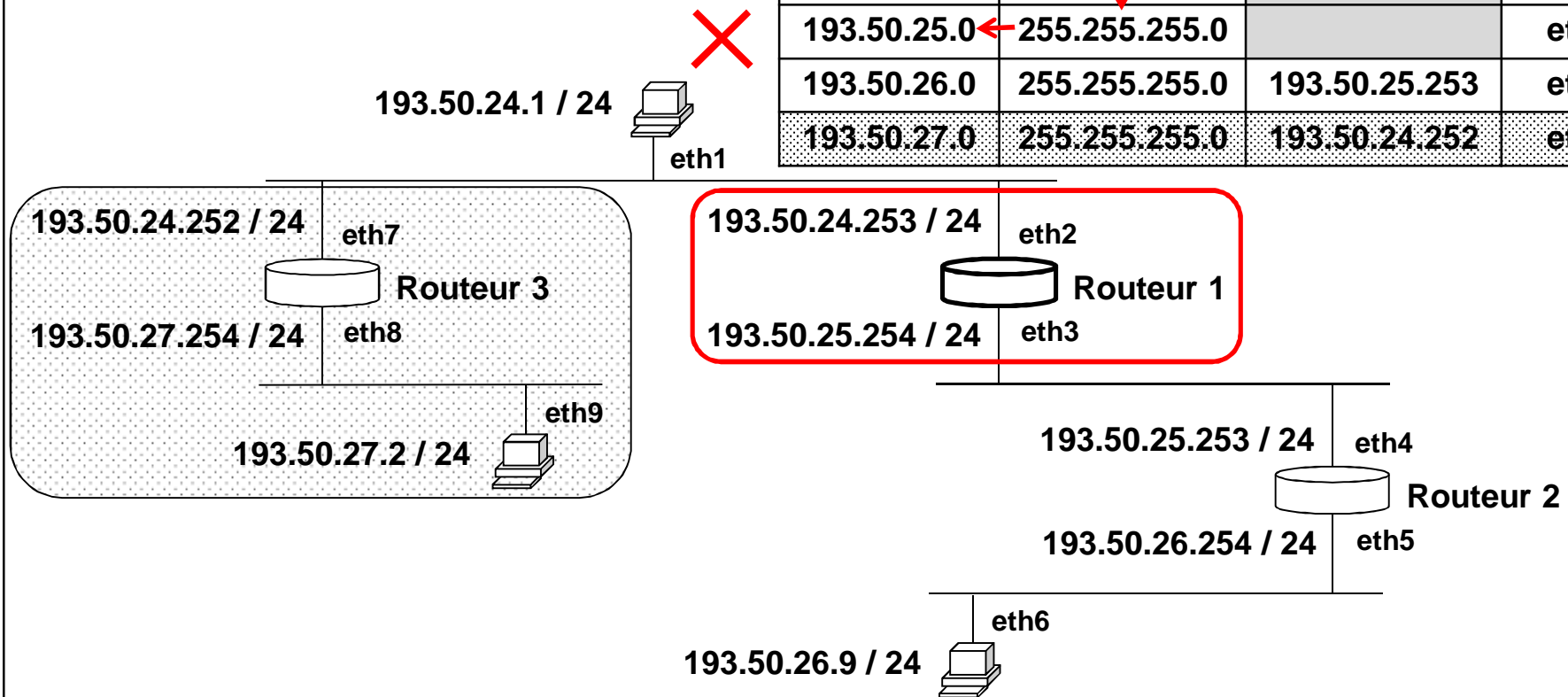
Destination	Masque	Passerelle	Int
193.50.24.0	255.255.255.0		eth2
193.50.25.0	255.255.255.0		eth3
193.50.26.0	255.255.255.0	193.50.25.253	eth3
193.50.27.0	255.255.255.0	193.50.24.252	eth2



# 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
193.50.25.0	255.255.255.0		eth3
193.50.26.0	255.255.255.0	193.50.25.253	eth3
193.50.27.0	255.255.255.0	193.50.24.252	eth2



# Routage IP.

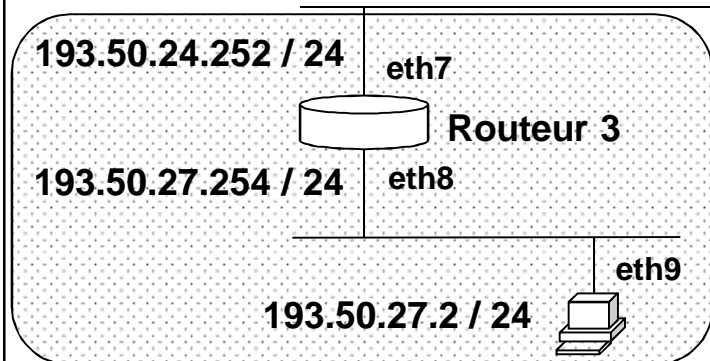
□ Ping de **193.50.26.9** depuis 193.50.24.1

Destination	Masque	Passerelle	Int
193.50.24.0	255.255.255.0		eth2
193.50.25.0	255.255.255.0		eth3
193.50.26.0	255.255.255.0	193.50.25.253	eth3
193.50.27.0	255.255.255.0	193.50.24.252	eth2

193.50.24.1 / 24



eth1



193.50.24.253 / 24

eth2

193.50.25.254 / 24

eth3



Routeur 1

193.50.25.253 / 24

eth4

193.50.26.254 / 24

eth5



Routeur 2

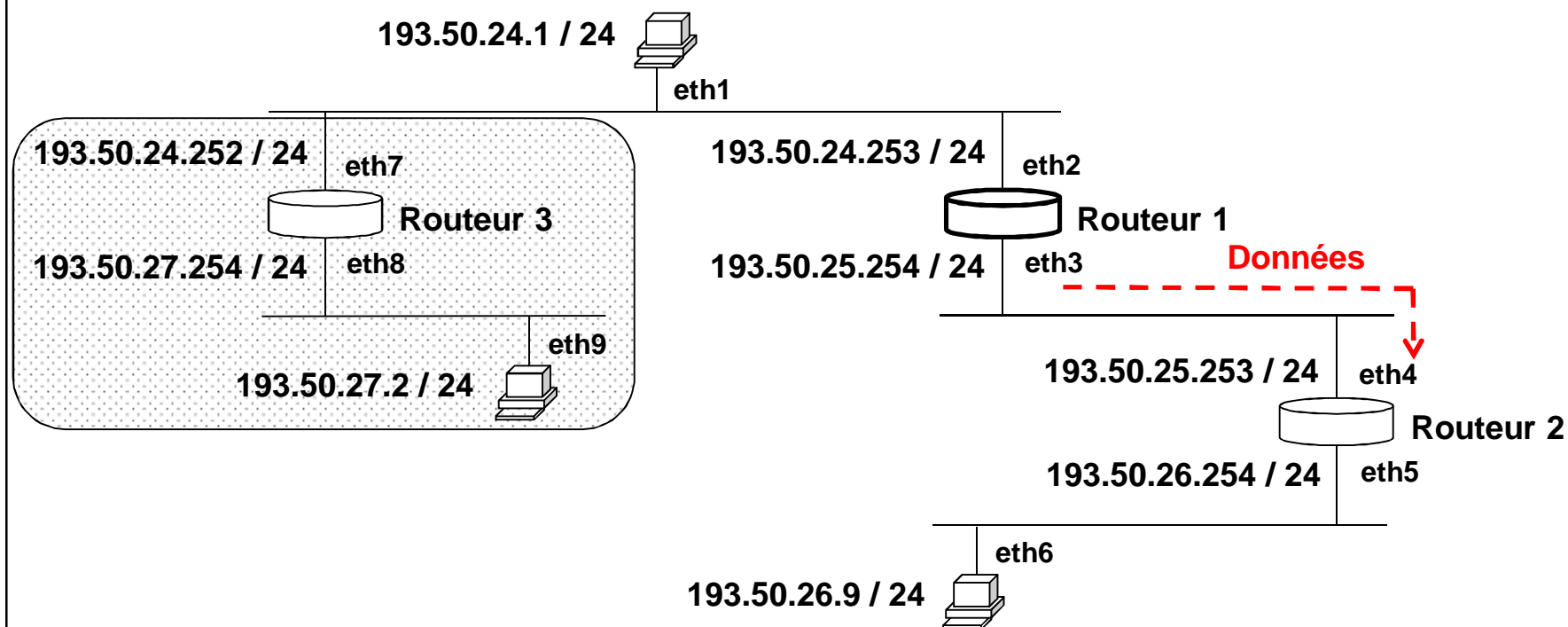
eth6

193.50.26.9 / 24



# Routage IP.

## □ Acheminement des données au routeur 2

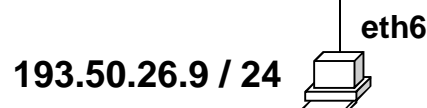
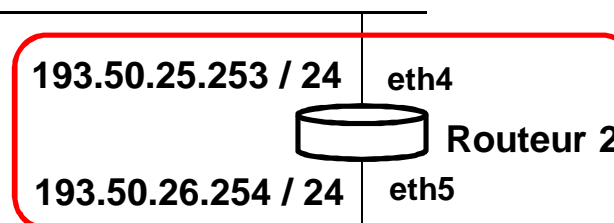
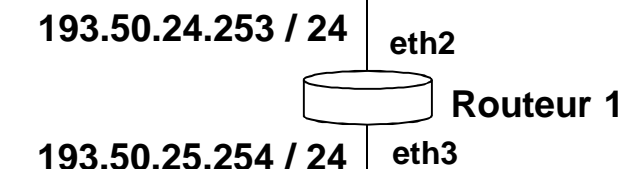
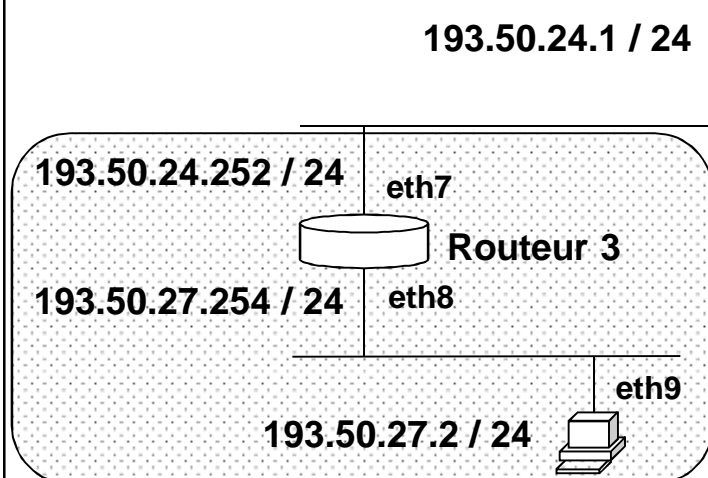


# Routage IP.

□ Ping de **193.50.26.9** depuis 193.50.24.1



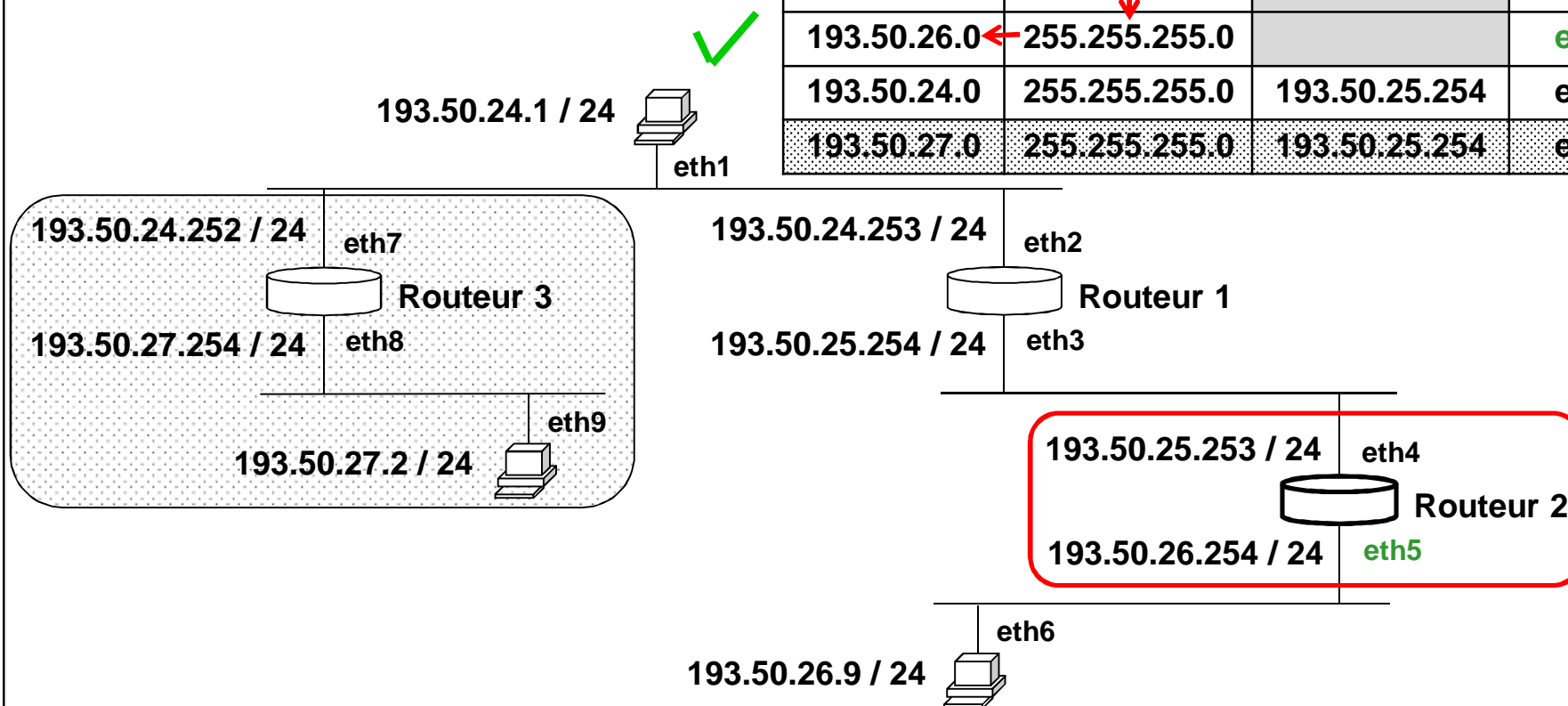
Destination	Masque	Passerelle	Int
193.50.25.0	255.255.255.0		eth4
193.50.26.0	255.255.255.0		eth5
193.50.24.0	255.255.255.0	193.50.25.254	eth4
193.50.27.0	255.255.255.0	193.50.25.254	eth4



# Routage IP.

□ Ping de **193.50.26.9** depuis 193.50.24.1

Destination	Masque	Passerelle	Int
193.50.25.0	255.255.255.0		eth4
193.50.26.0	255.255.255.0		eth5
193.50.24.0	255.255.255.0	193.50.25.254	eth4
193.50.27.0	255.255.255.0	193.50.25.254	eth4



# Routage IP.

- Acheminement des données au poste de destination

