

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.

- ☞ **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**



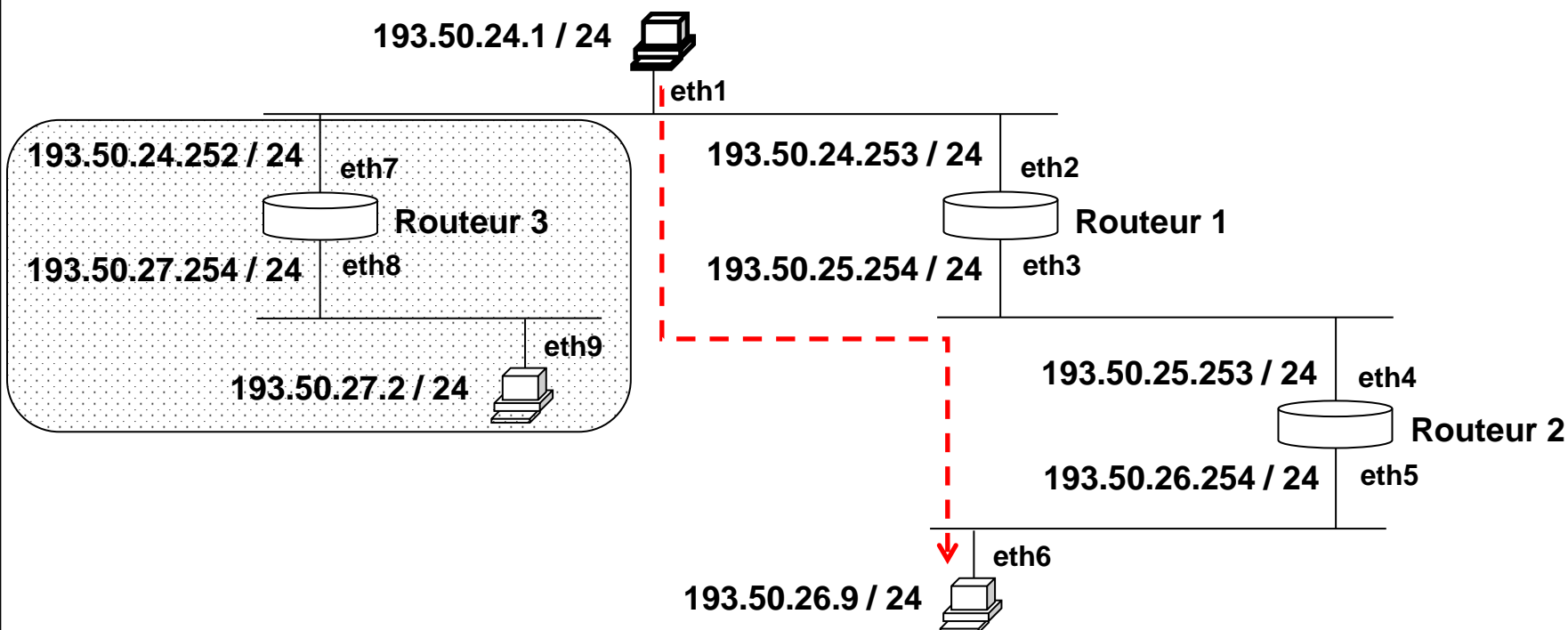
Prés requis.

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



Routage IP.

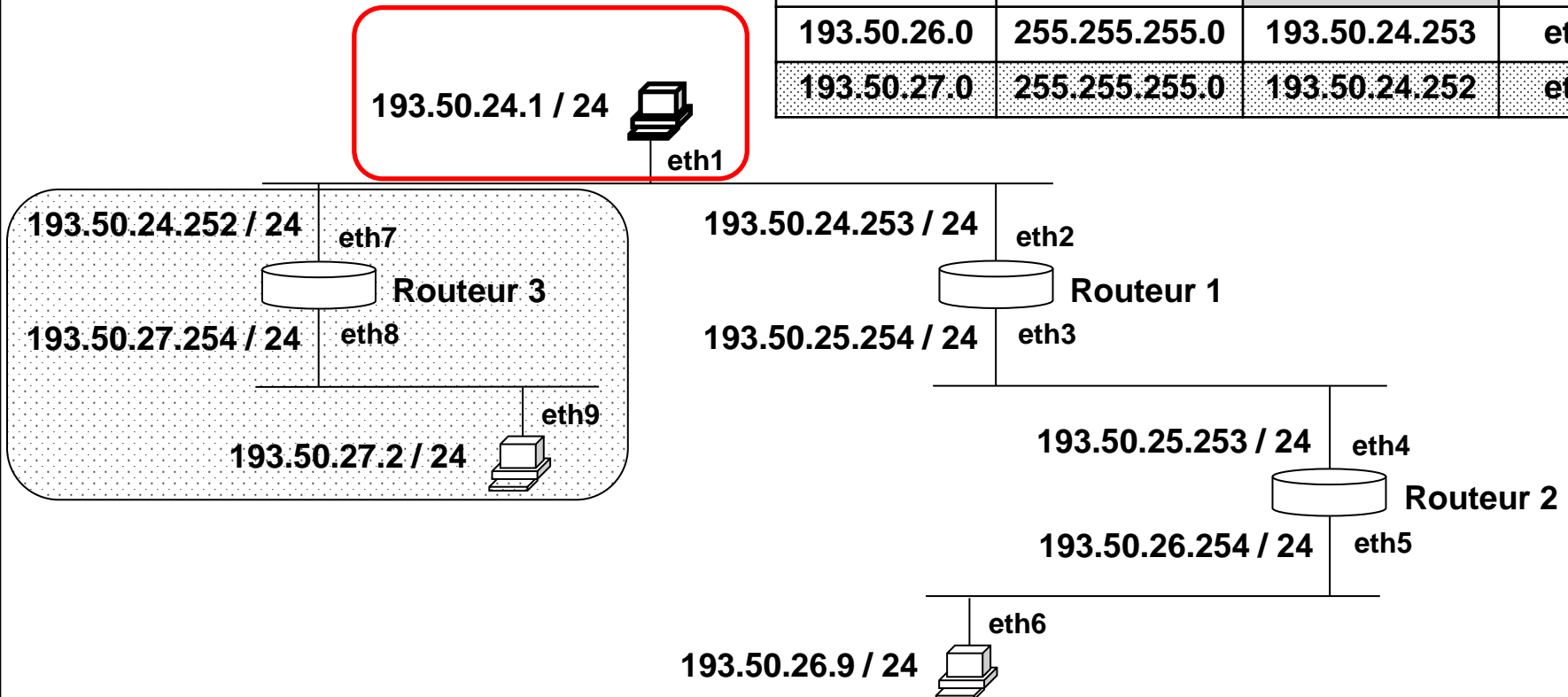
🖨️ Ping de 193.50.26.9 depuis 193.50.24.1



Routage IP.

Elaboration de la table de routage du poste de source

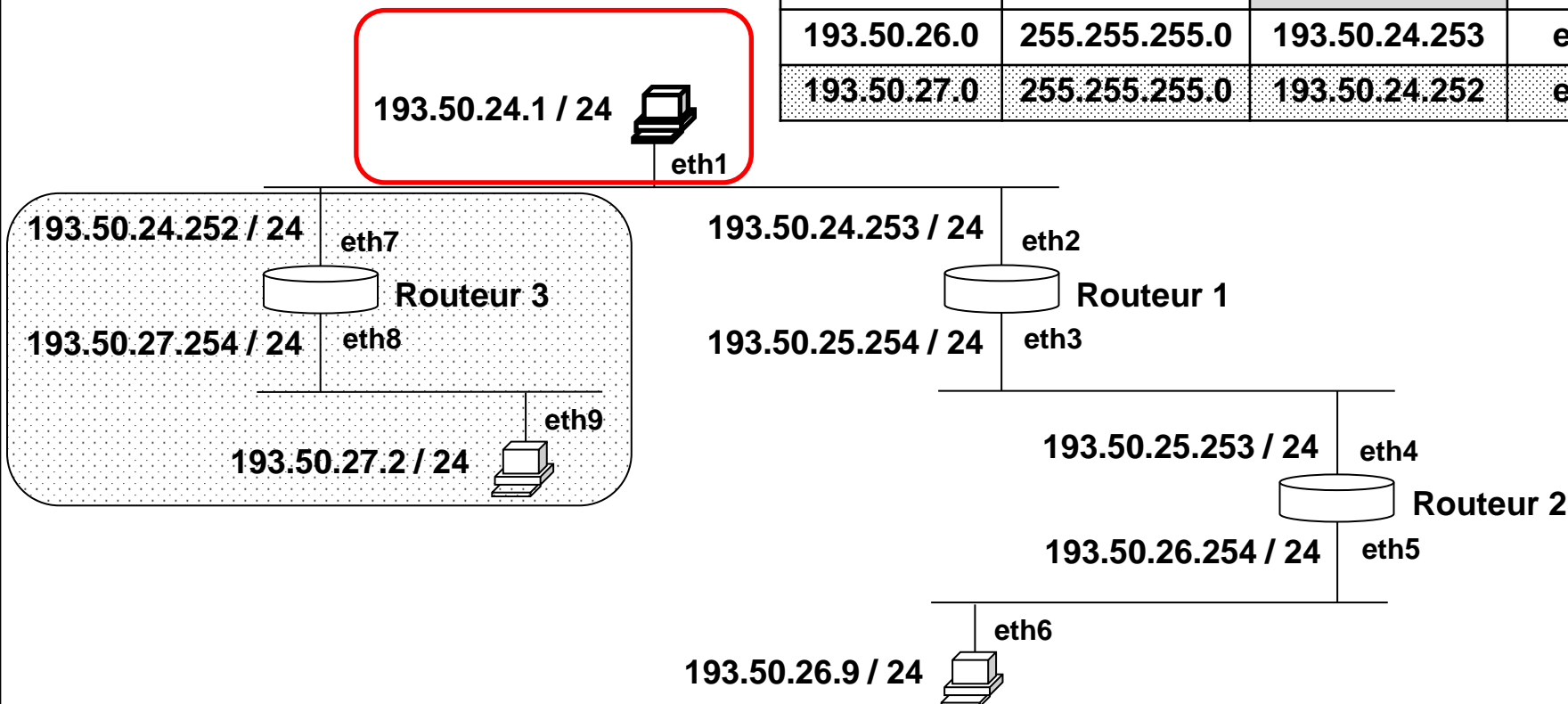
Destination	Masque	Passerelle	Int
193.50.24.0	255.255.255.0		eth1
193.50.26.0	255.255.255.0	193.50.24.253	eth1
193.50.27.0	255.255.255.0	193.50.24.252	eth1



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



Routage IP.

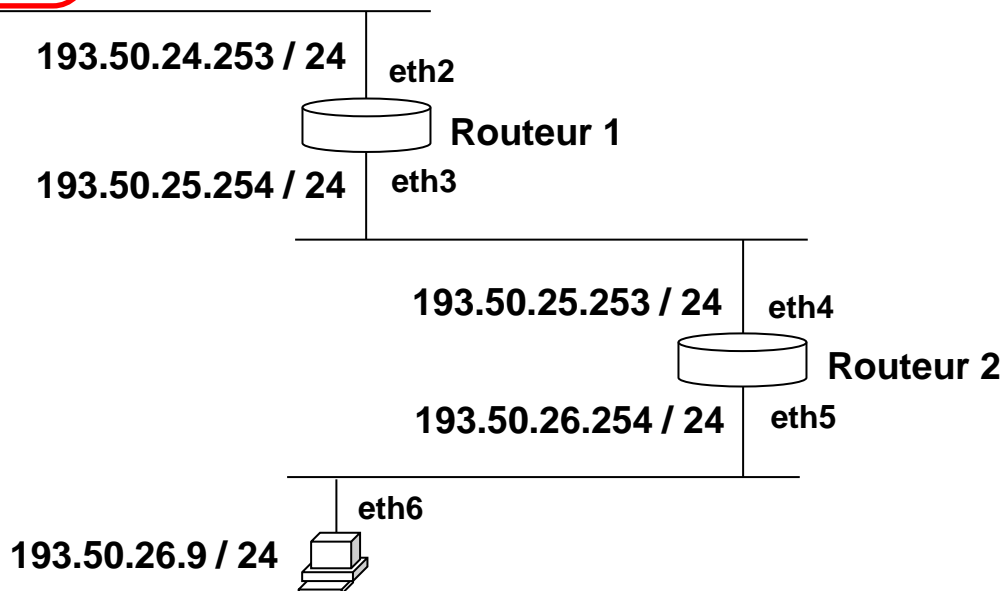
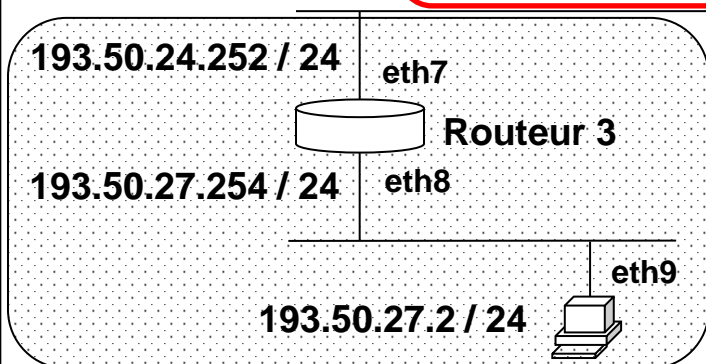
📁 Ping de **193.50.26.9** depuis 193.50.24.1

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



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

eth3

193.50.25.254 / 24

193.50.25.253 / 24

eth4

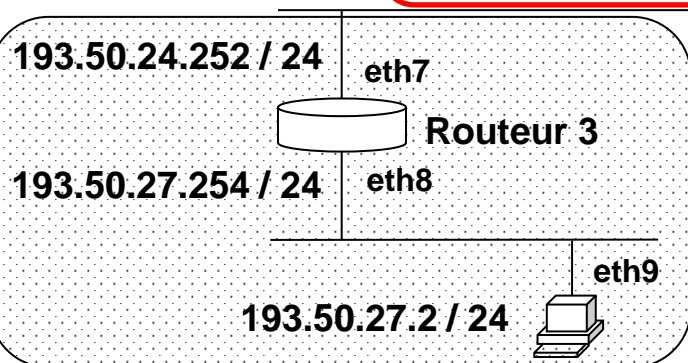
Routeur 2

193.50.26.254 / 24

eth5

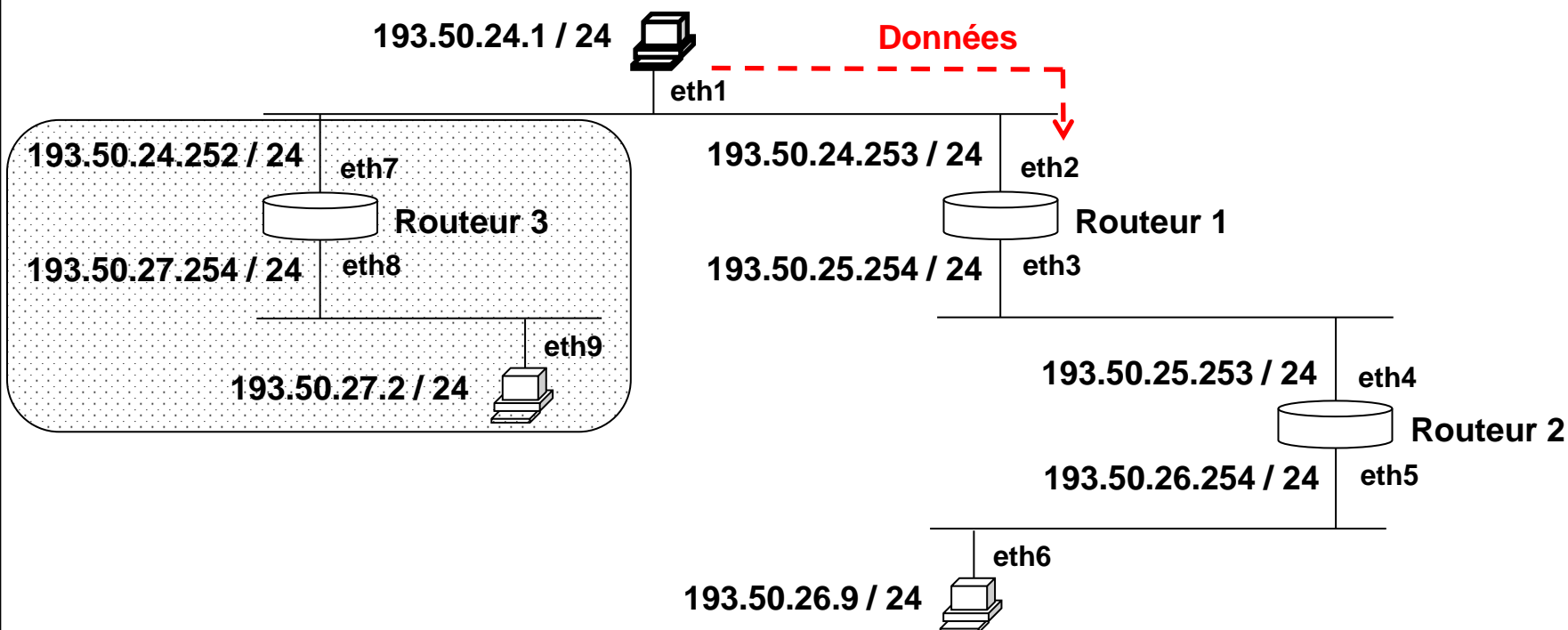
eth6

193.50.26.9 / 24



Routage IP.

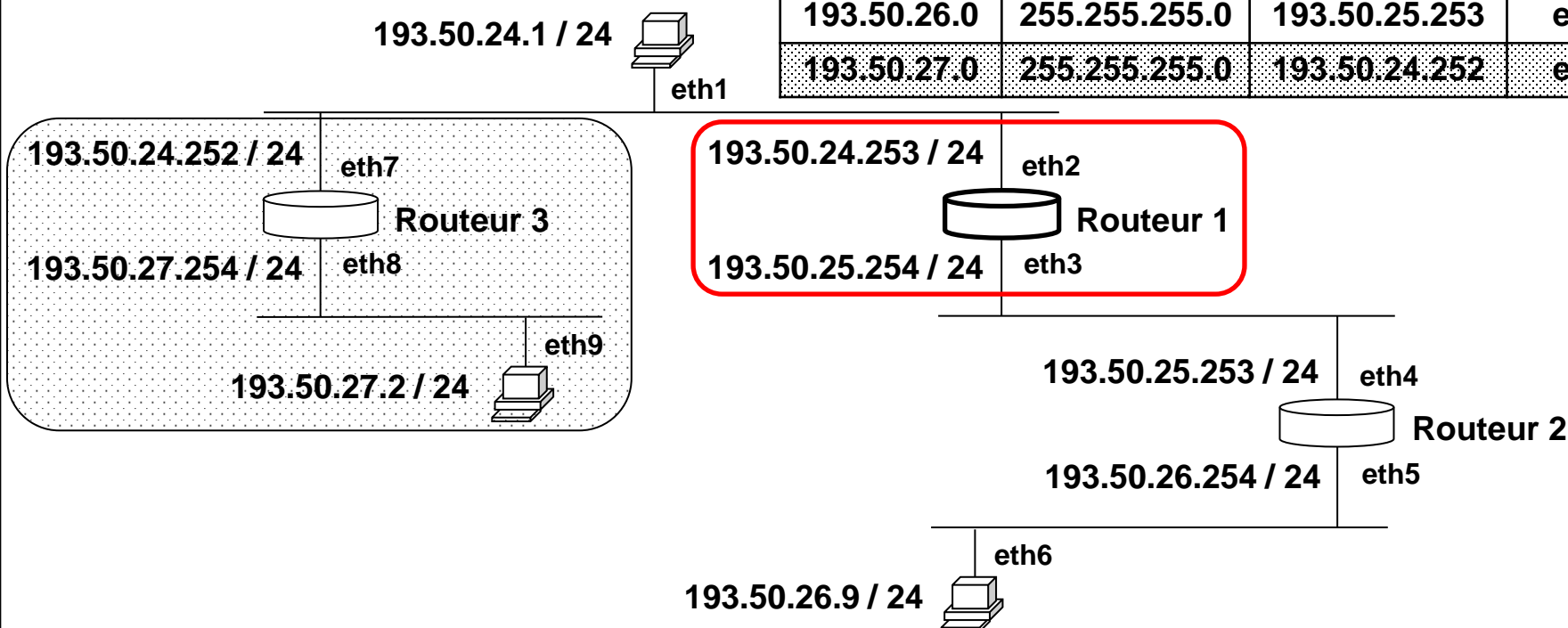
☞ Acheminement des données au routeur 1



Routage IP.

☞ Ping de **193.50.26.9** depuis 193.50.24.1

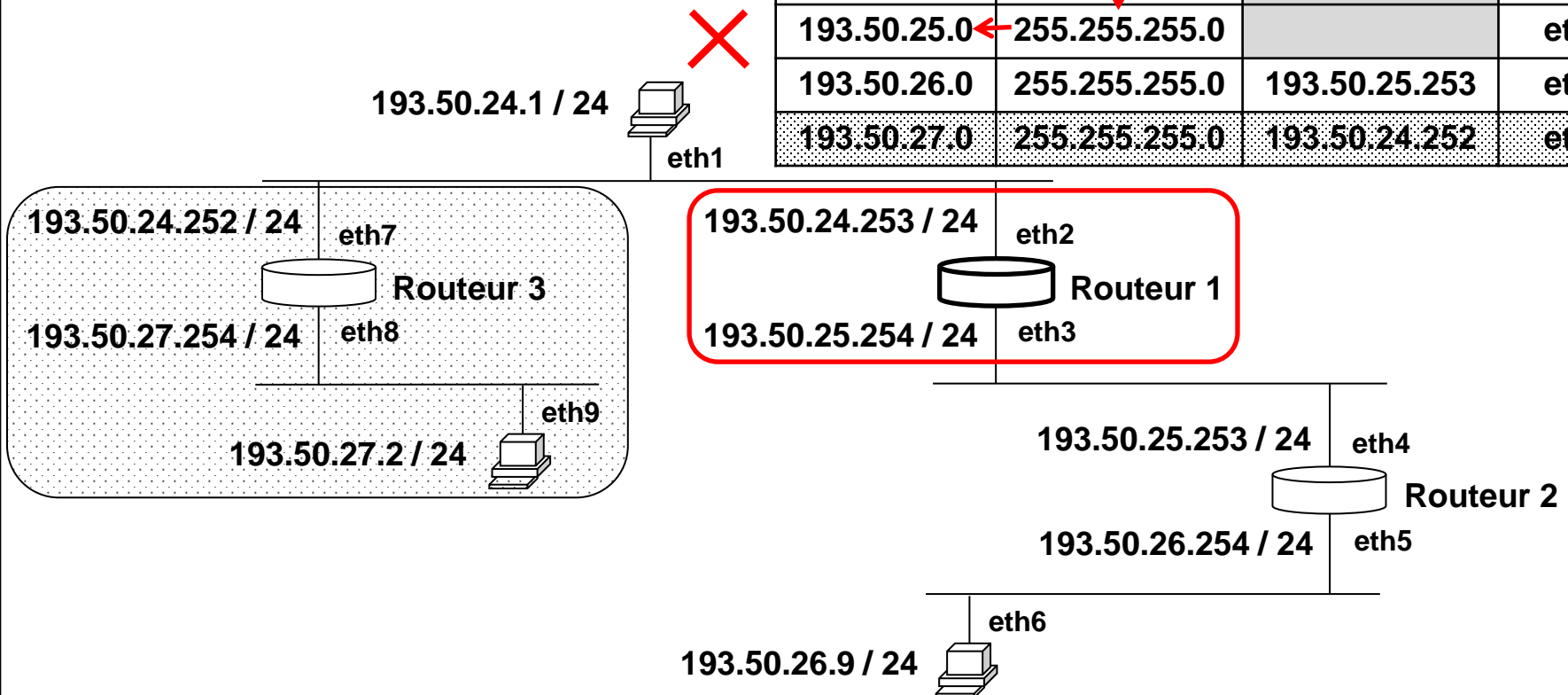
Destination	Masque	Passerelle	Int
193.50.24.0	255.255.255.0		eth2
193.50.25.0	255.255.255.0		eth3
193.50.26.0	255.255.255.0	193.50.25.253	eth3
193.50.27.0	255.255.255.0	193.50.24.252	eth2



Routage IP.

☞ Ping de **193.50.26.9** depuis 193.50.24.1

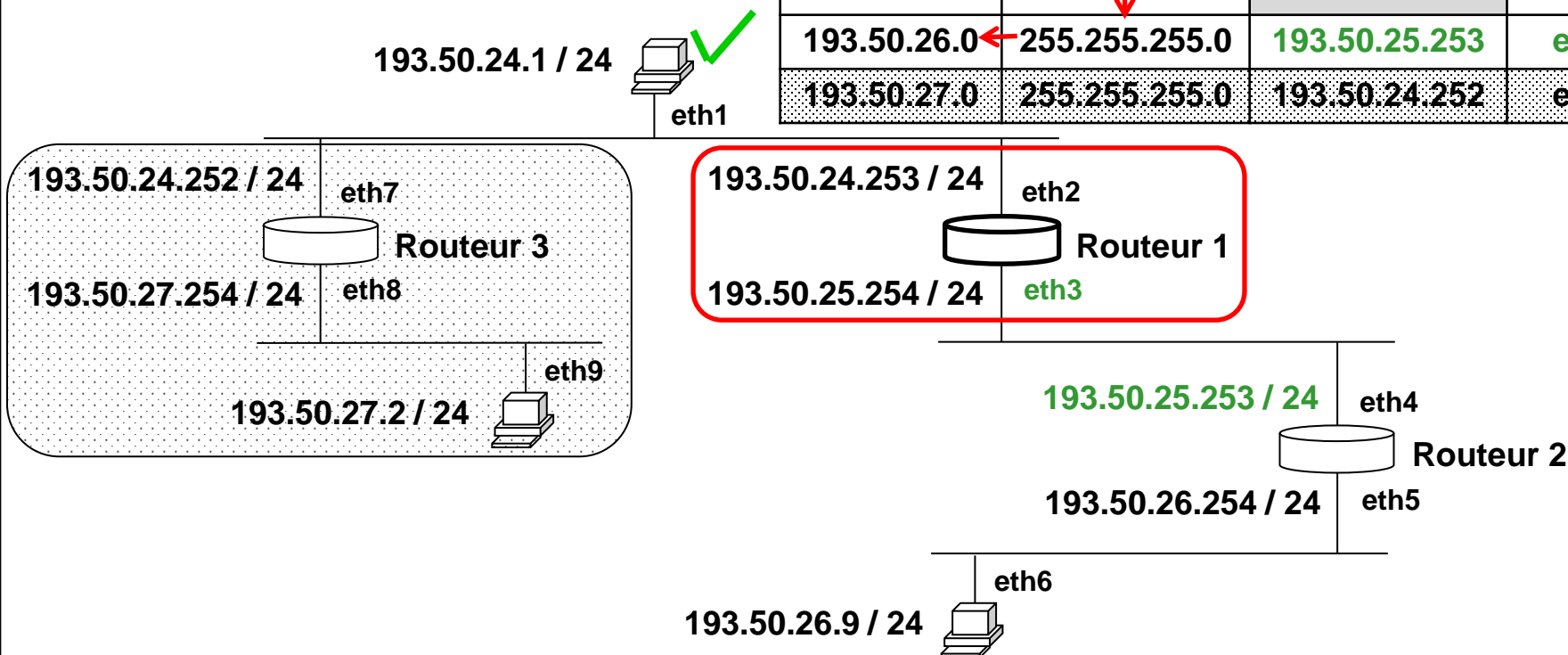
Destination	Masque	Passerelle	Int
193.50.24.0	255.255.255.0		eth2
193.50.25.0	255.255.255.0		eth3
193.50.26.0	255.255.255.0	193.50.25.253	eth3
193.50.27.0	255.255.255.0	193.50.24.252	eth2



Routage IP.

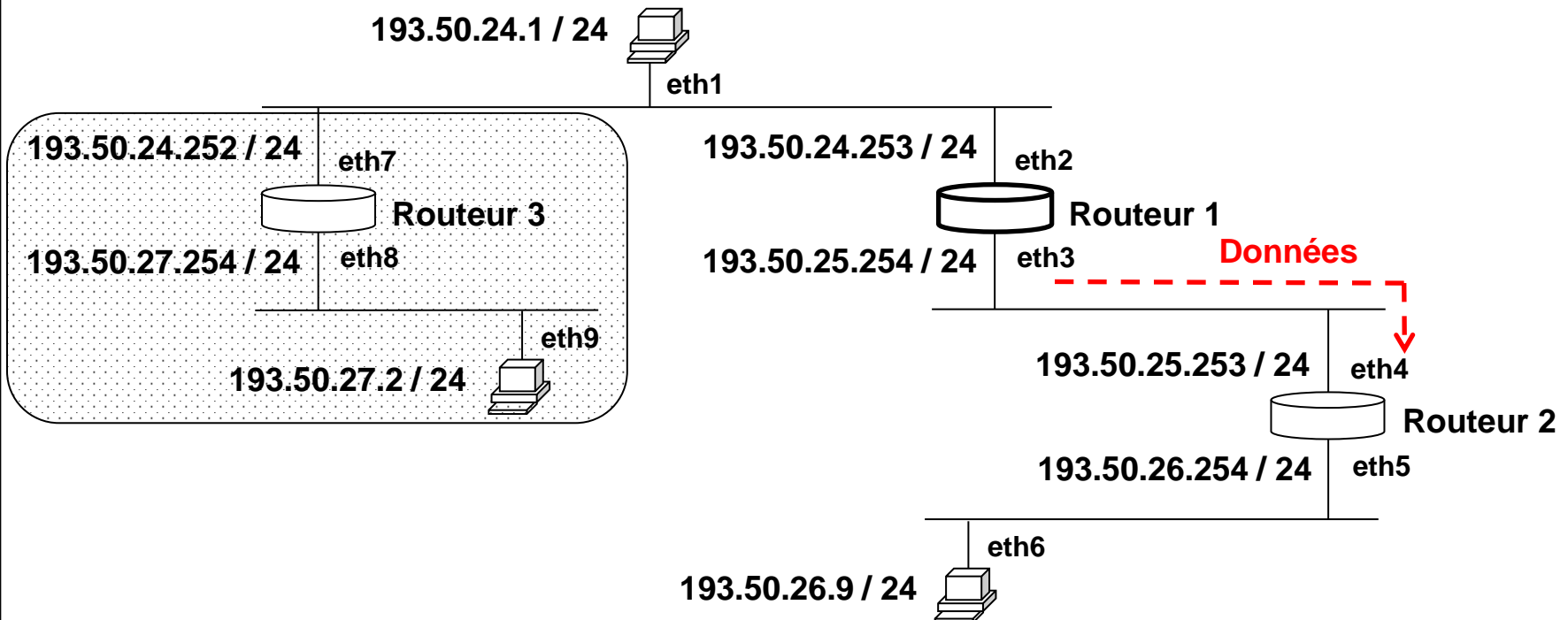
☞ Ping de 193.50.26.9 depuis 193.50.24.1

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



Routage IP.

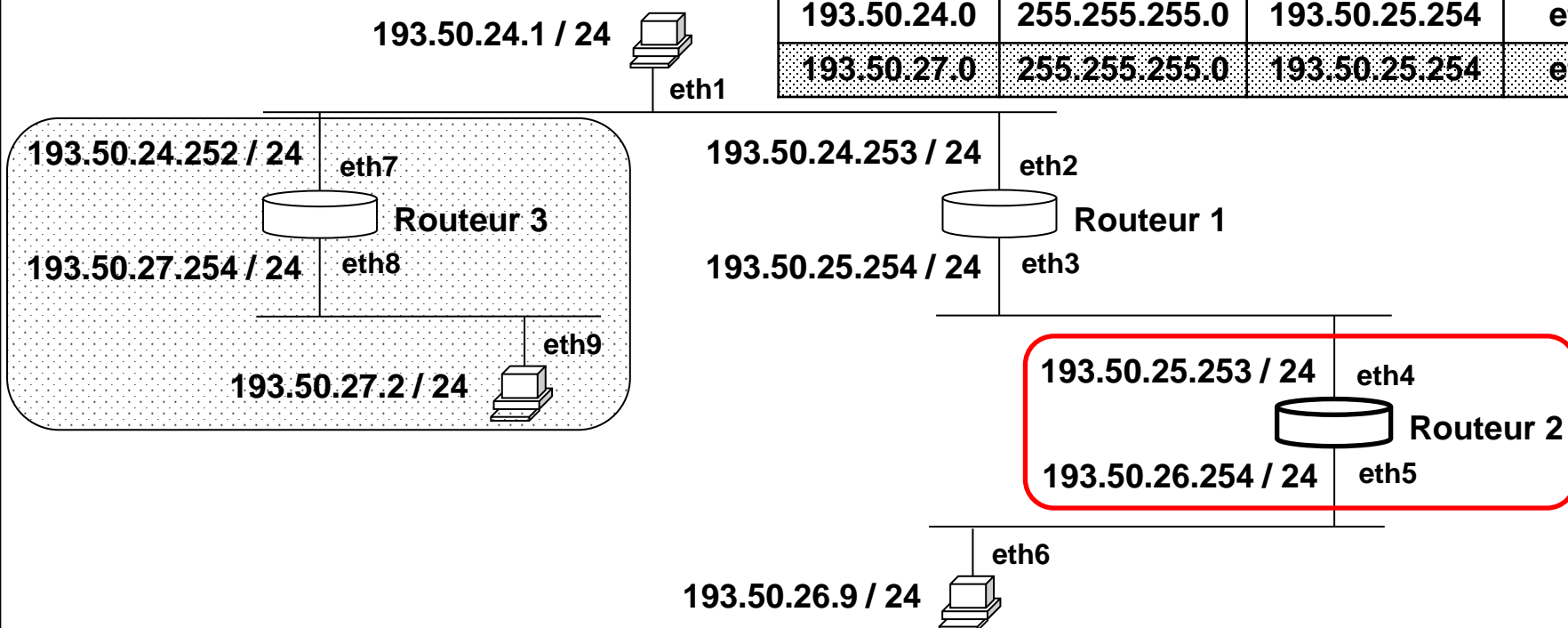
☐ Acheminement des données au routeur 2



Routage IP.

☞ Ping de **193.50.26.9** depuis 193.50.24.1

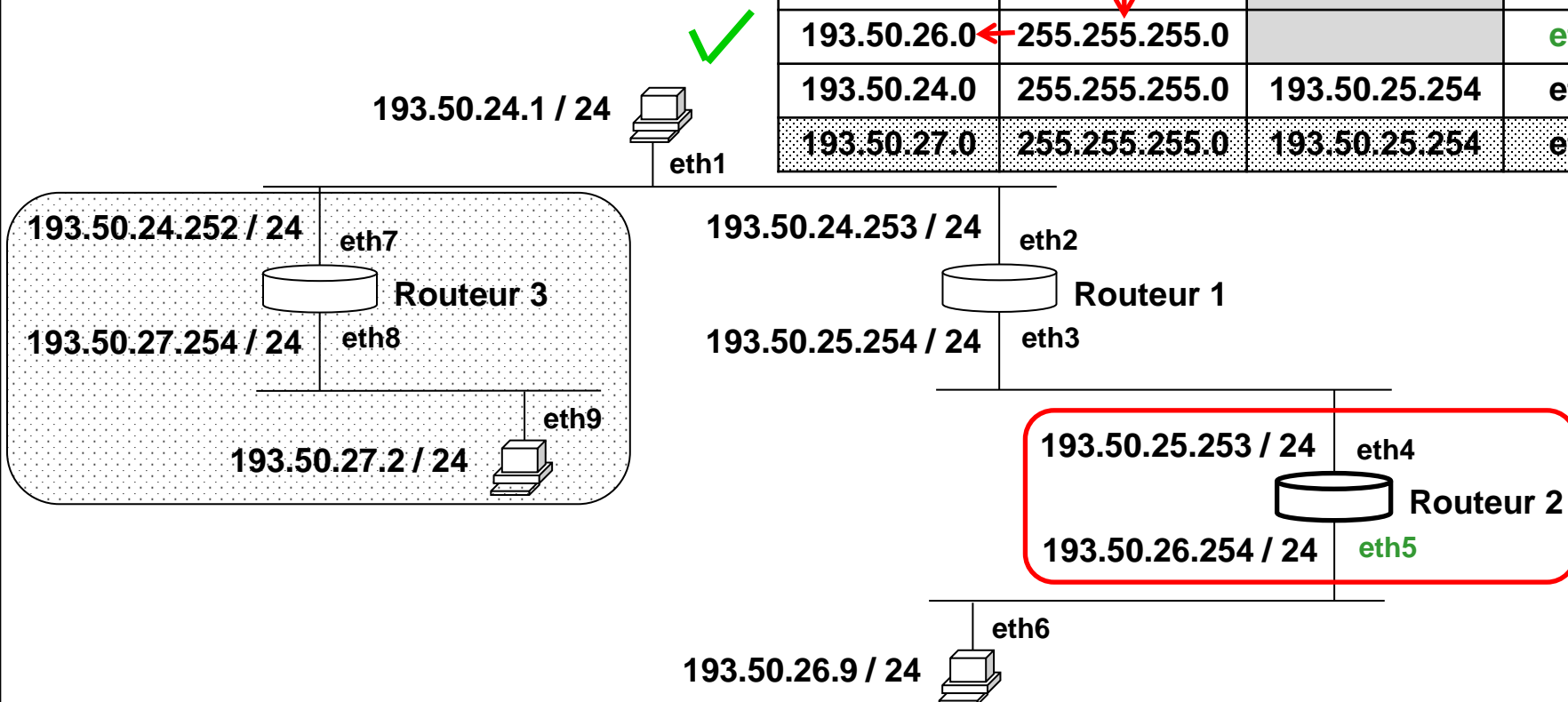
Destination	Masque	Passerelle	Int
193.50.25.0	255.255.255.0		eth4
193.50.26.0	255.255.255.0		eth5
193.50.24.0	255.255.255.0	193.50.25.254	eth4
193.50.27.0	255.255.255.0	193.50.25.254	eth4



Routage IP.

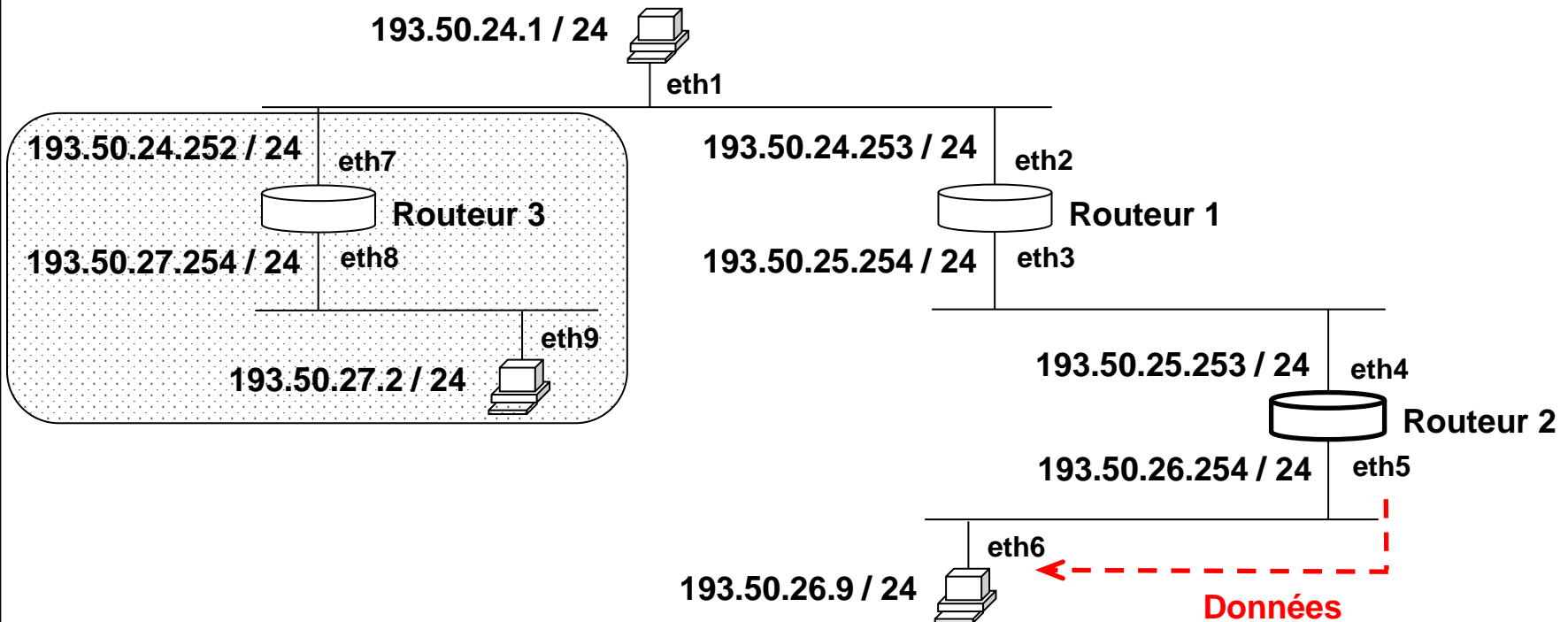
☞ Ping de **193.50.26.9** depuis 193.50.24.1

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



Fin.
