

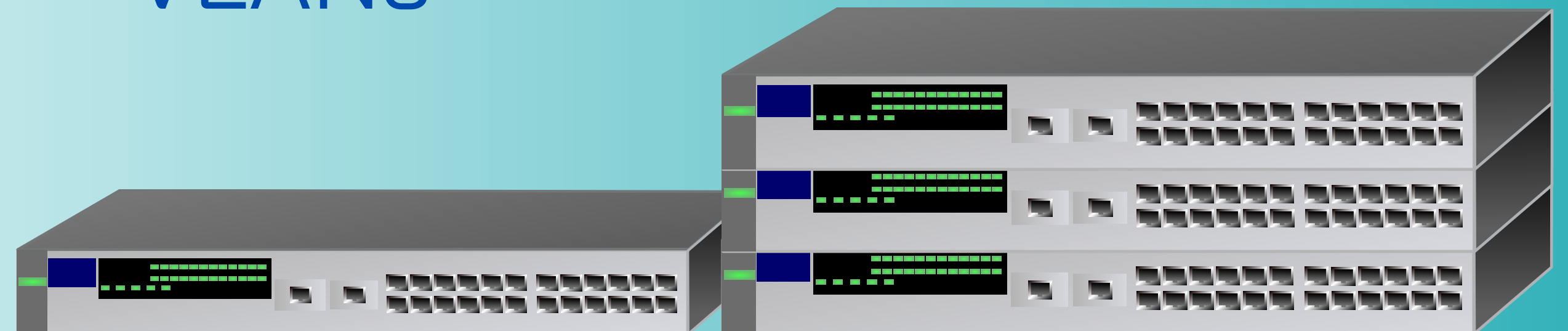


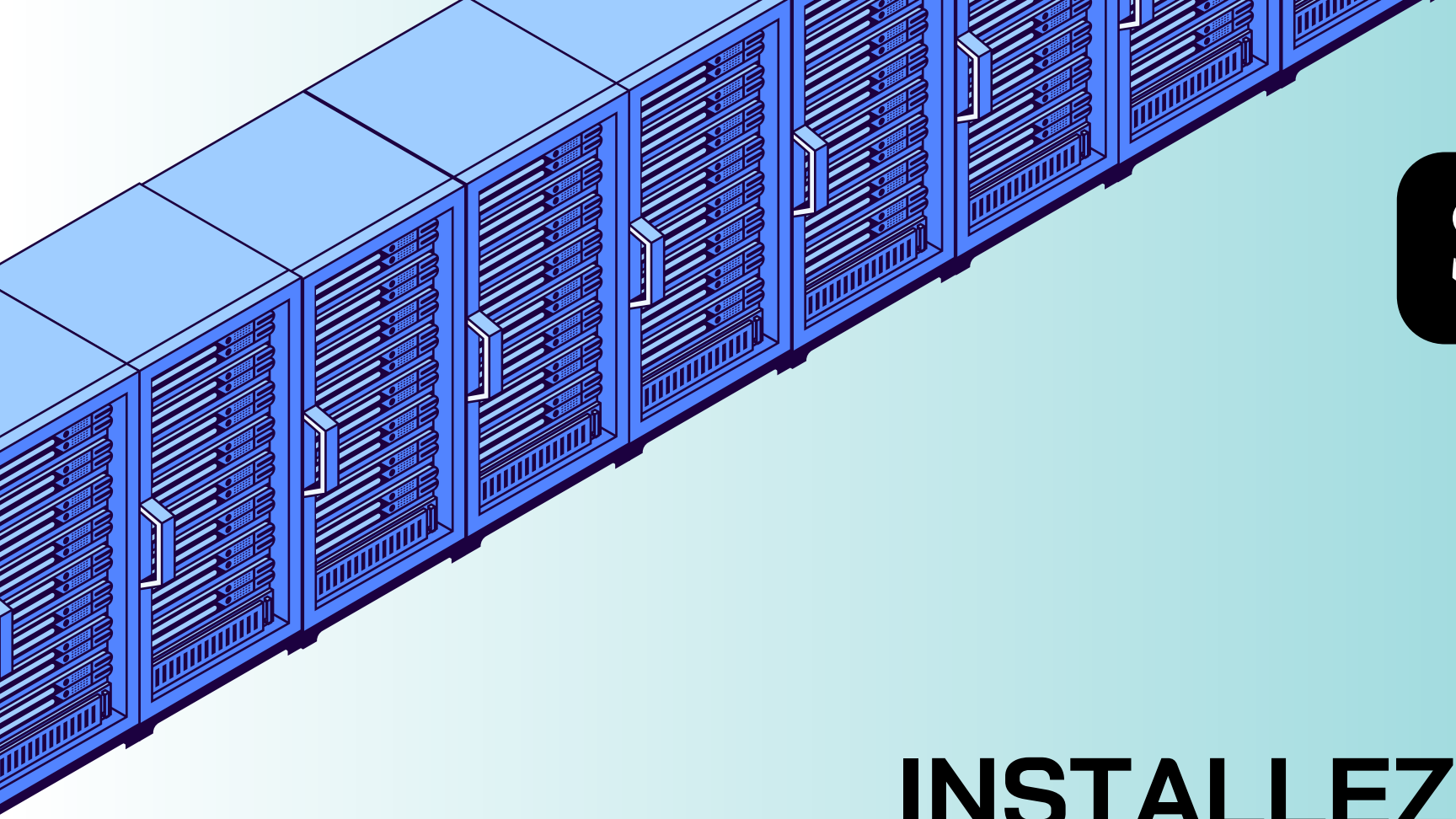
FORMATION - 2023/2024

EtherChannels

Sécurisation & Redondance

VLANs





Sécurisation & Redondance

INSTALLEZ PACKET TRACER

[https://skillsforall.com/resources/lab-downloads?](https://skillsforall.com/resources/lab-downloads?userLang=fr-FR&courseLang=en-US)

[userLang=fr-FR&courseLang=en-US](https://skillsforall.com/resources/lab-downloads?userLang=fr-FR&courseLang=en-US)

Lien sur Discord, créez vous un compte Skills for All
Commandes pour installer sur Linux dans votre mémo

Sécurisation & Redondance

com0



pc1

mac1, 192.168.1.1/24



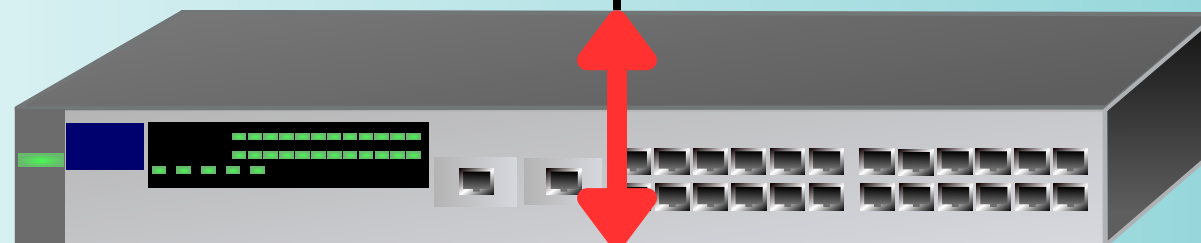
pc2

mac2, 192.168.1.2/24

Sécurisation & Redondance

Comment ?

com0



pc1

mac1, 192.168.1.1/24



pc2

mac2, 192.168.1.2/24



Sécurisation & Redondance

Le protocole ARP

com0



pc1

mac1, 192.168.1.1/24



Sécurisation & Redondance

Le protocole ARP

1. Connexion

com0



pc1

mac1, 192.168.1.1/24

Sécurisation & Redondance

ARP Broadcast

senderMAC = mac1

senderIP = 192.168.1.1

destMAC = ff:ff:ff:ff:ff:ff

destIP = 0.0.0.0

Le protocole ARP

1. Connexion
2. Broadcast

com0



pc1

mac1, 192.168.1.1/24

Sécurisation & Redondance

Le protocole ARP

1. Connexion
2. Broadcast
3. Table ARP

Adresse MAC

Adresse IP

mac1

192.168.1.1

com0



pc1

mac1, 192.168.1.1/24



Sécurisation & Redondance

Table ARP

Adresse MAC	Adresse IP
mac1	192.168.1.1
mac2	192.168.1.2

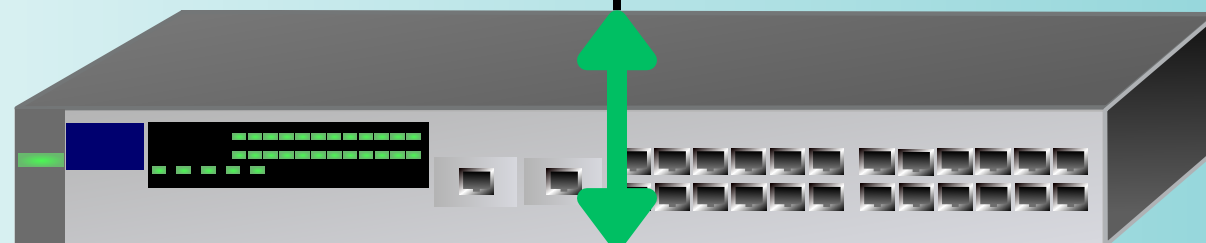
com0



Sécurisation & Redondance

Table ARP +
correspondance
MAC/port

com0



pc1

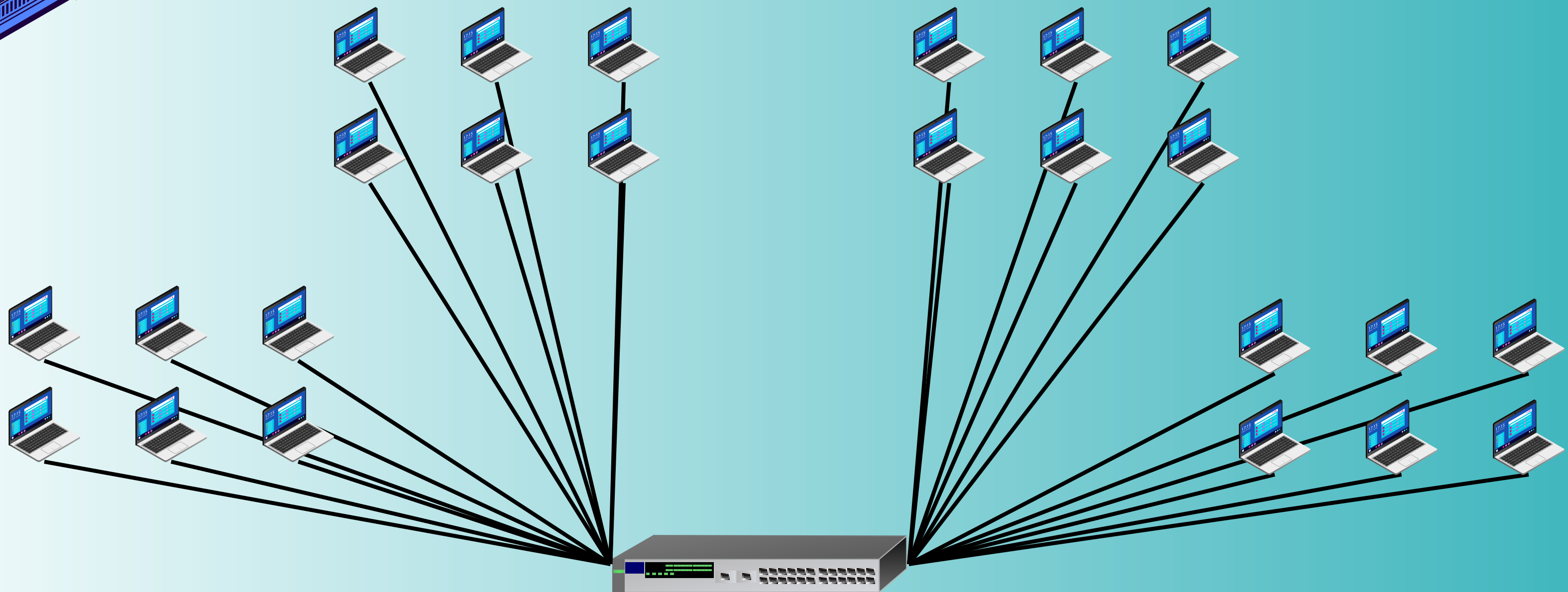
192.168.1.1/24



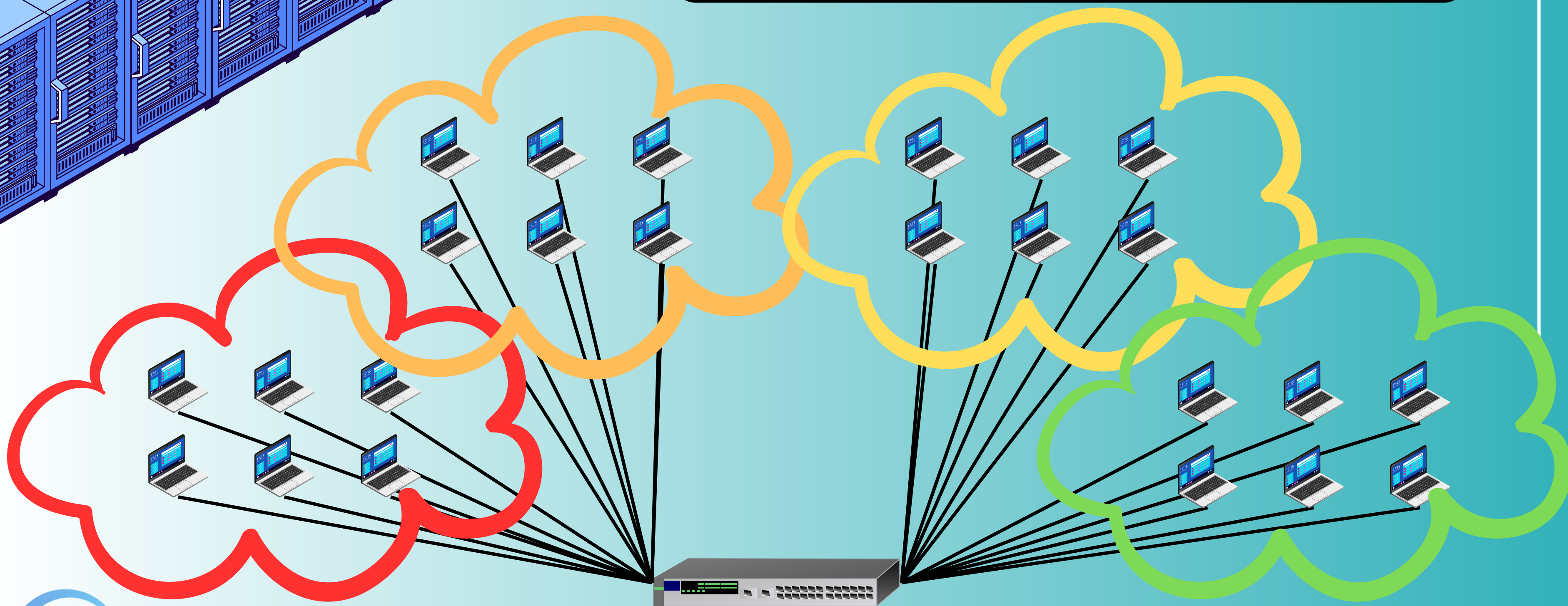
pc2

192.168.1.2/24

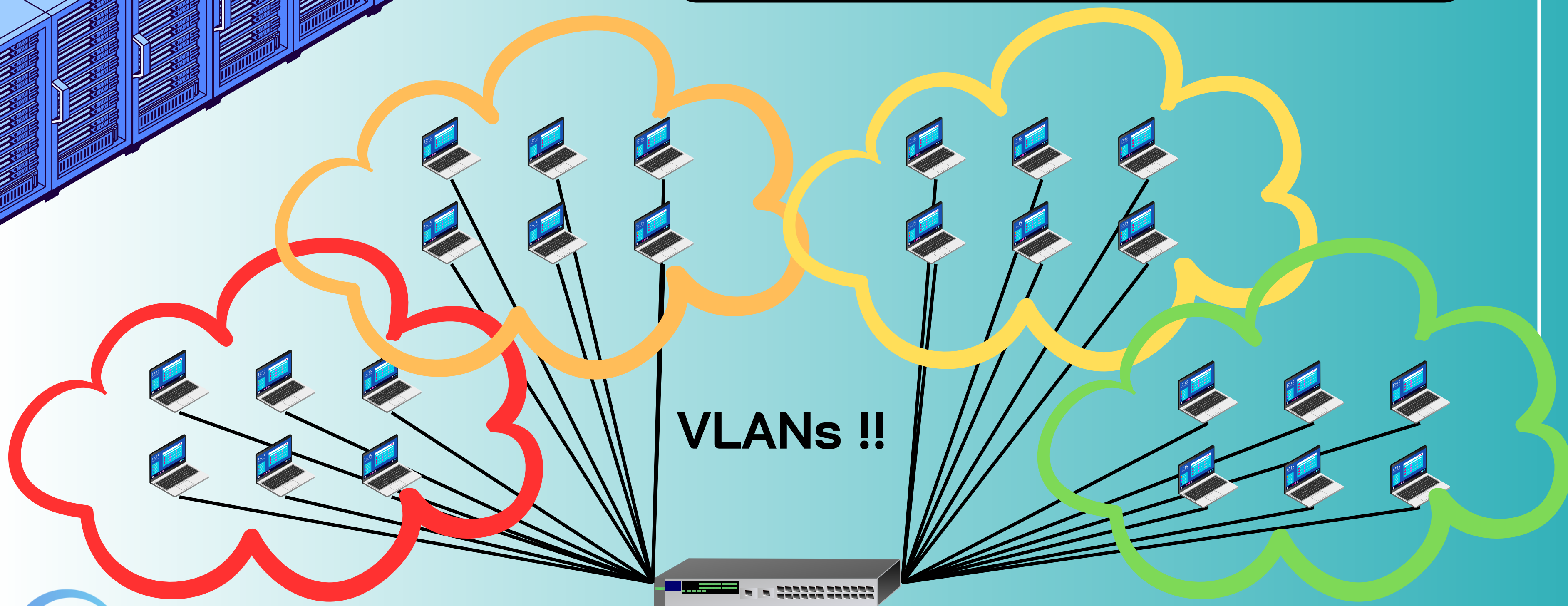
Sécurisation & Redondance



Sécurisation & Redondance



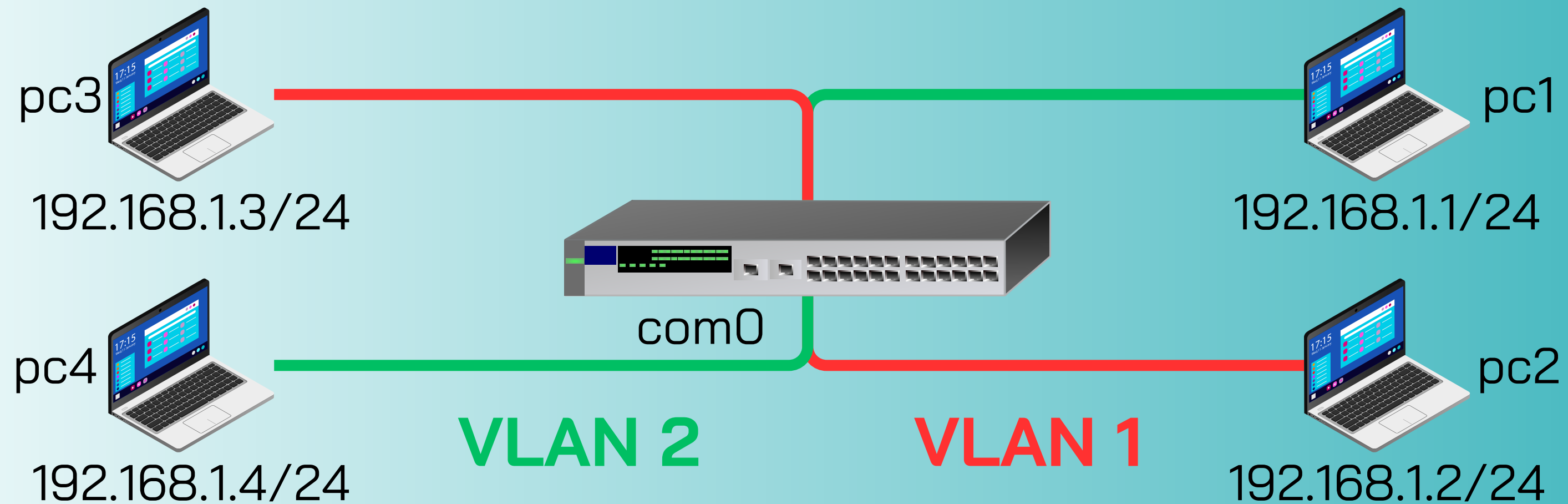
Sécurisation & Redondance



Sécurisation & Redondance

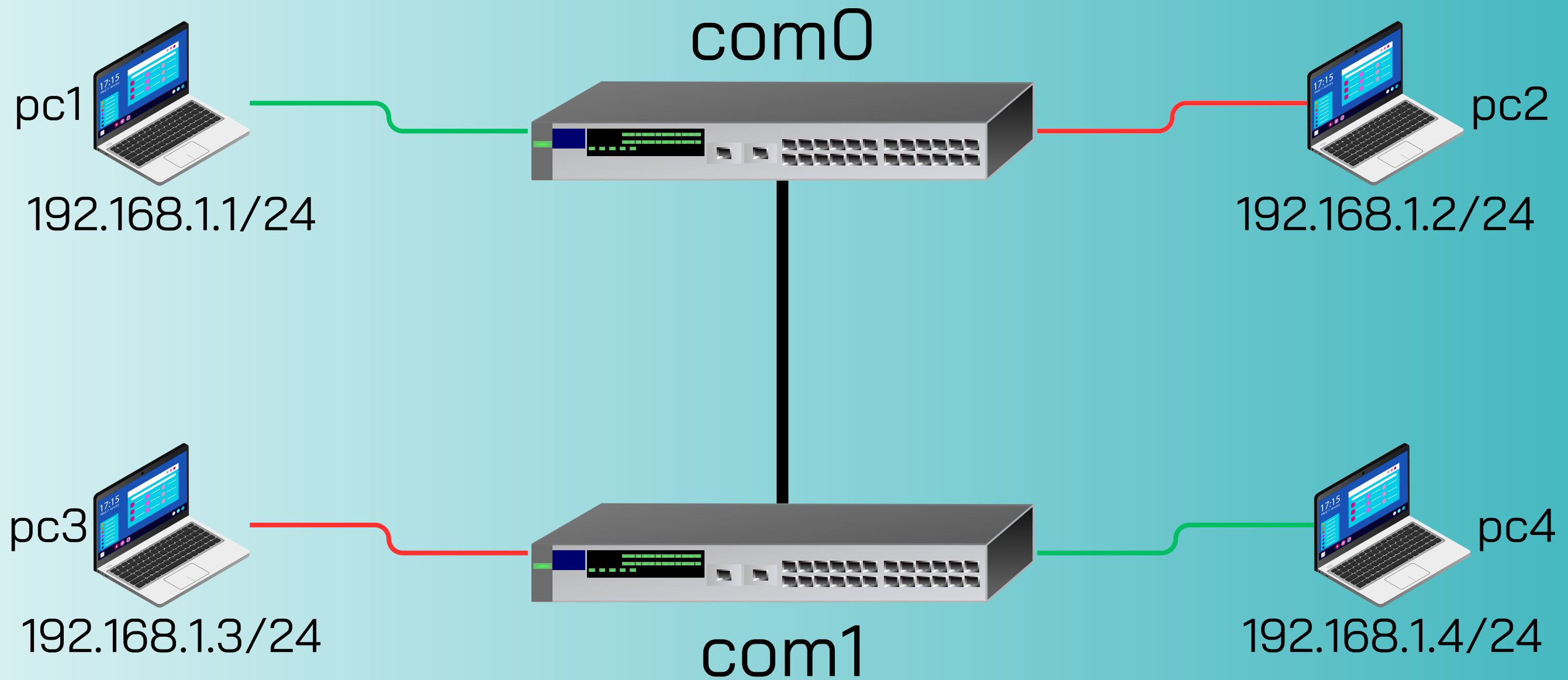
TP Pt. 1

Reproduire sur Packet Tracer le réseau suivant



Sécurisation & Redondance

Trunk

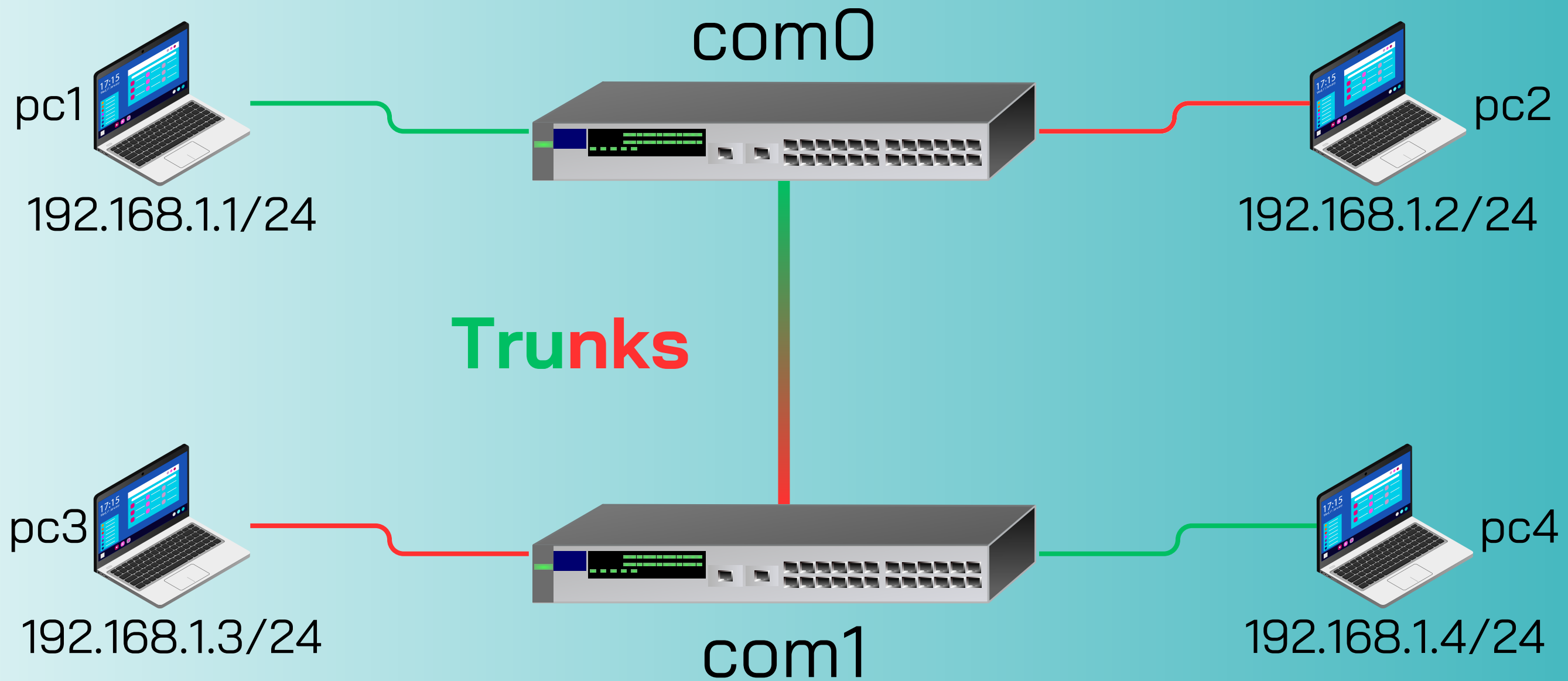


VLAN 1

VLAN 2

Sécurisation & Redondance

Trunk



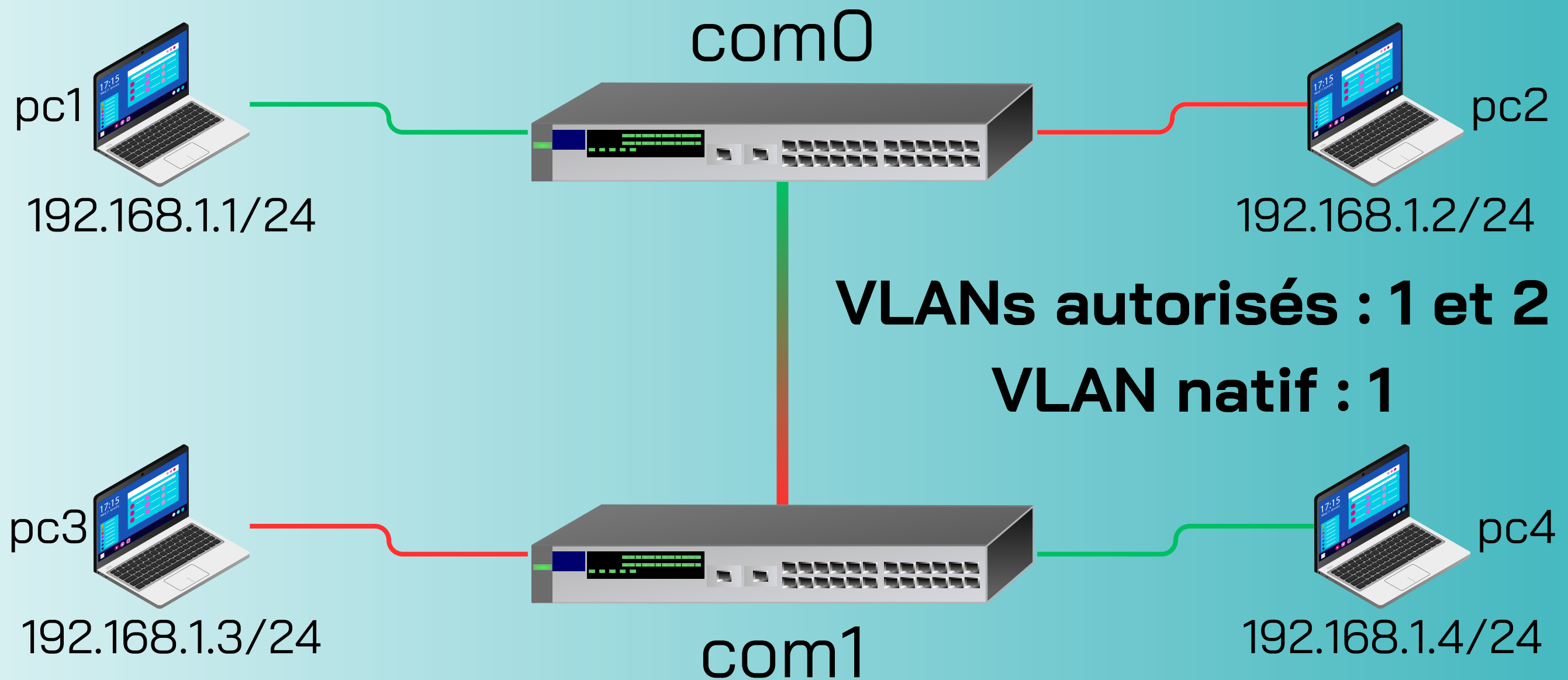
VLAN 1

VLAN 2

Sécurisation & Redondance

TP Pt. 2

Reproduire sur Packet Tracer le réseau suivant

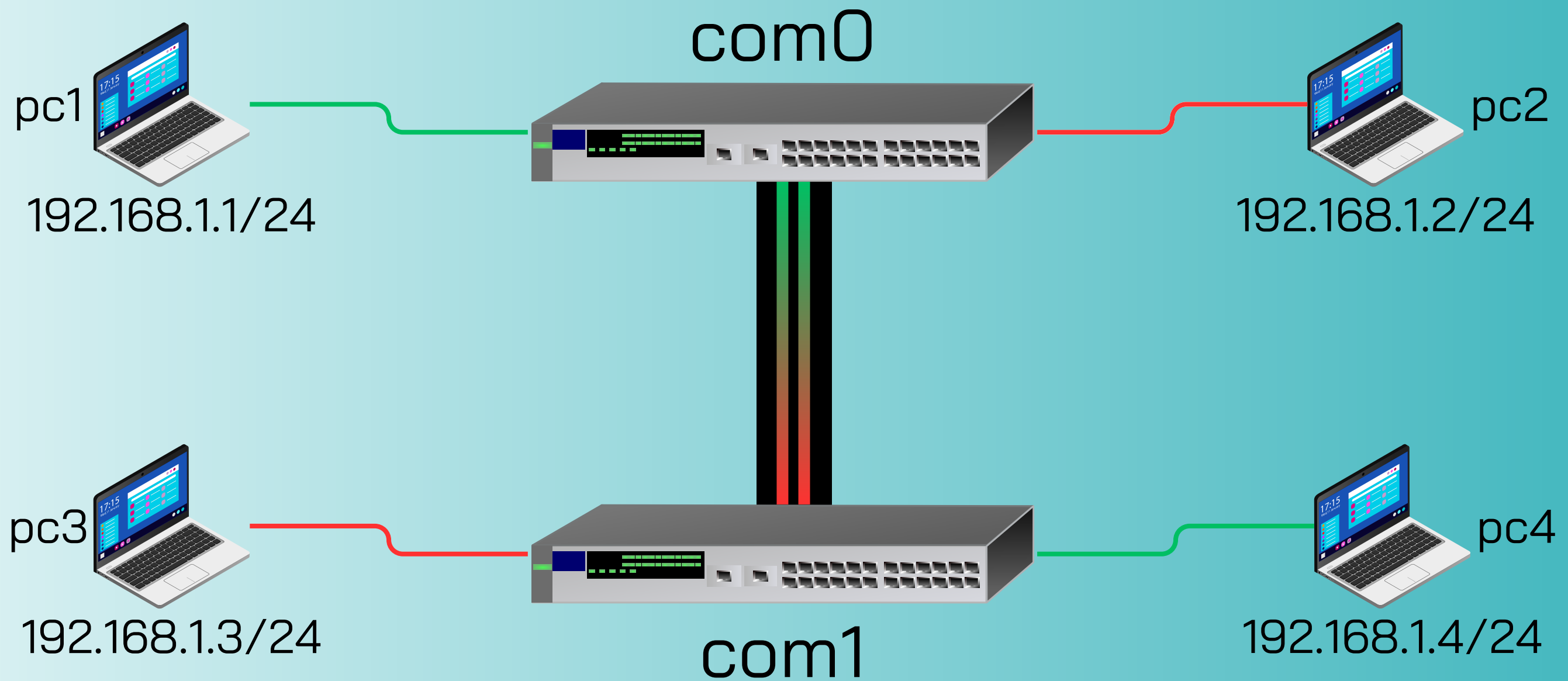


VLAN 1

VLAN 2

Sécurisation & Redondance

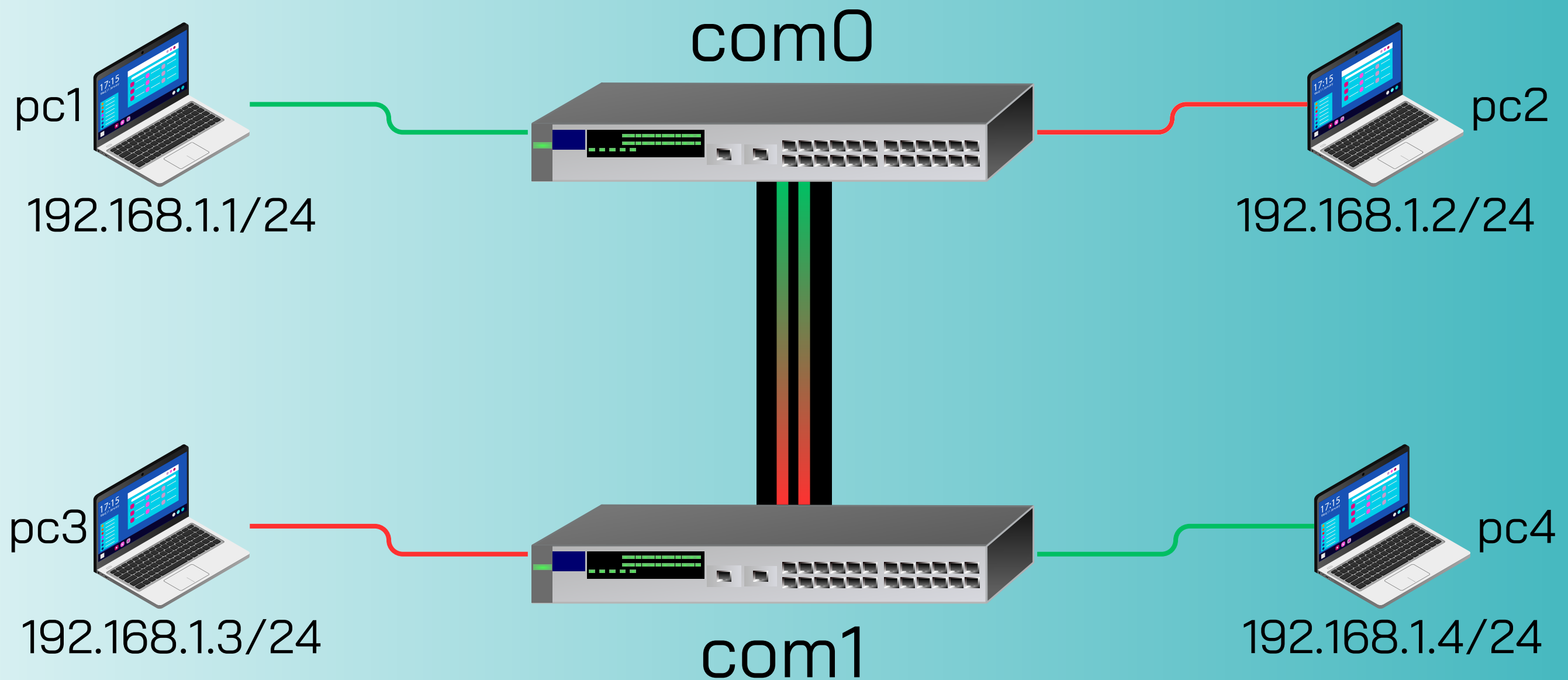
EtherChannel



Sécurisation & Redondance

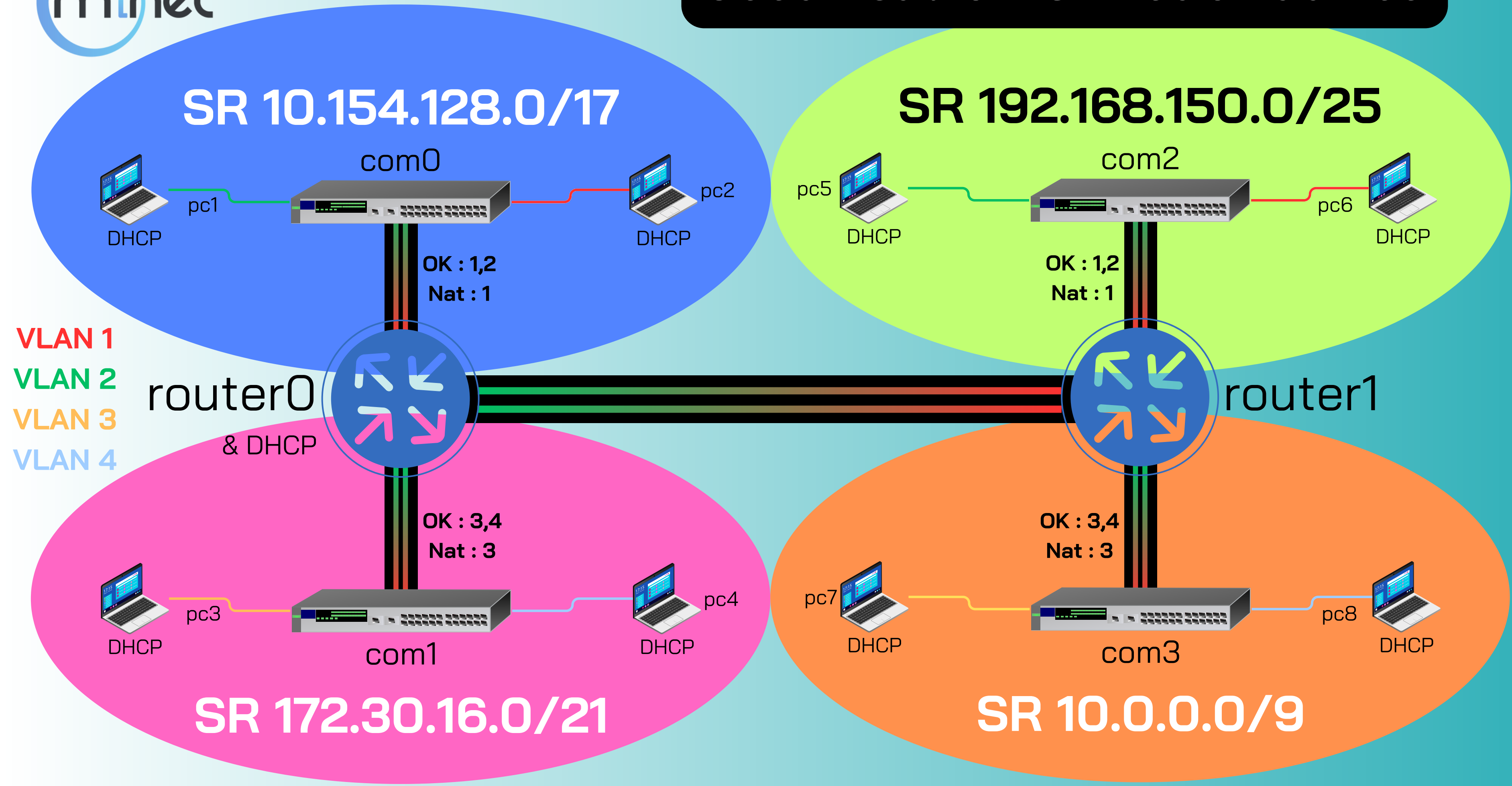
TP pt.3

Ajoutez un EtherChannel à votre réseau précédent



VLAN 1

VLAN 2





FORMATION - 2023/2024

Merci

Sécurisation & Redondance

d'avoir suivi !

