Recap TP HSRP

```
Router#
Router#
Router#sh ip int bri
Interface                  IP-Address      OK? Method Status                Protocol
Embedded-Service-Engine0/0 unassigned      YES unset  administratively down down
GigabitEthernet0/0         192.168.200.253 YES manual up                    up
GigabitEthernet0/1         unassigned      YES unset  administratively down down
Serial0/0/0                200.100.20.253  YES manual up                    up
Serial0/0/1                unassigned      YES unset  administratively down down
Router#
```

```
     192.168.200.0/24 is variably subnetted, 2 subnets, 2 masks
C       192.168.200.0/24 is directly connected, GigabitEthernet0/0
L       192.168.200.253/32 is directly connected, GigabitEthernet0/0
     200.100.20.0/24 is variably subnetted, 2 subnets, 2 masks
C       200.100.20.252/30 is directly connected, Serial0/0/0
L       200.100.20.253/32 is directly connected, Serial0/0/0
Router#
```

Conf router principal

```
Statistiques Ping pour 192.168.10.254:
    Paquets : envoyés = 4, reçus = 4, perdus = 0 (perte 0%),
Durée approximative des boucles en millisecondes :
    Minimum = 1ms, Maximum = 1ms, Moyenne = 1ms

C:\Users\raphf>ping 192.168.200.253

Envoi d'une requête 'Ping'  192.168.200.253 avec 32 octets de données :
Réponse de 192.168.200.253 : octets=32 temps<1ms TTL=255
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Statistiques Ping pour 192.168.200.253:
    Paquets : envoyés = 4, reçus = 4, perdus = 0 (perte 0%),
Durée approximative des boucles en millisecondes :
    Minimum = 0ms, Maximum = 0ms, Moyenne = 0ms

C:\Users\raphf>ping 192.168.200.254

Envoi d'une requête 'Ping'  192.168.200.254 avec 32 octets de données :
Réponse de 192.168.200.254 : octets=32 temps<1ms TTL=255
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```

```
Router(config)#router rip
Router(config-router)#version 2
Router(config-router)#network 192.168.10.0
Router(config-router)#network 200.100.10.0
Router(config-router)#network 200.100.20.0
Router(config-router)#exit
```

```
Router(config)#int gig0/0
Router(config-if)#ip address 192.168.10.254 255.255.255.0
Router(config-if)#no shut
Router(config-if)#int s0/0/0
Router(config-if)#ip address 200.100.10.254 255.255.255.252
Router(config-if)#no shut
Router(config-if)#int s0/0/1
Router(config-if)#exit
Router(config)#int s0/0/1
Router(config-if)#ip address 200.100.20.254 255.255.255.252
Router(config-if)#no shut
Router(config-if)#exit
Router(config)#exit
```

Conf router siege

Ping du routeur de secours vers router principal et siege

```
outer(config)#int g0/0
outer(config-if)#standby 100 ip 192.168.200.1
outer(config-if)#standby 100 preempt
outer(config-if)#end
outer#
ct  9 09:05:44.087: %SYS-5-CONFIG_I: Configured from console by console
outer#sh
ct  9 09:05:49.891: %HSRP-5-STATECHANGE: GigabitEthernet0/0 Grp 100 state Standby -> Active
 Type "show ?" for a list of subcommands
outer#sh standby gi0/0
igabitEthernet0/0 - Group 100
 State is Active
   2 state changes, last state change 00:00:14
 Virtual IP address is 192.168.200.1
 Active virtual MAC address is 0000.0c07.ac64
   Local virtual MAC address is 0000.0c07.ac64 (v1 default)
 Hello time 3 sec, hold time 10 sec
   Next hello sent in 2.336 secs
 Preemption enabled
 Active router is local
 Standby router is unknown
 Priority 100 (default 100)
 Group name is "hsrp-Gi0/0-100" (default)
outer#
```

HSRP routeur principal

```
Router#sh standby gi0/0
GigabitEthernet0/0 - Group 100
  State is Init (interface down)
  Virtual IP address is 192.168.200.1
  Active virtual MAC address is unknown
    Local virtual MAC address is 0000.0c07.ac64 (
  Hello time 3 sec, hold time 10 sec
  Preemption disabled
  Active router is unknown
  Standby router is unknown
  Priority 110 (configured 110)
  Group name is "hsrp-Gi0/0-100" (default)
Router#
```

```
Enter configuration commands, one per line.  End with CNTL/Z.
Router(config)#int gi0/0
Router(config-if)#standby 100 ip 192.168.200.1
Router(config-if)#standby 100 priority 110
Router(config-if)#standby preempt
Router(config-if)#end
Router#
Oct  9 08:24:45.631: %SYS-5-CONFIG_I: Configured from console by console
```

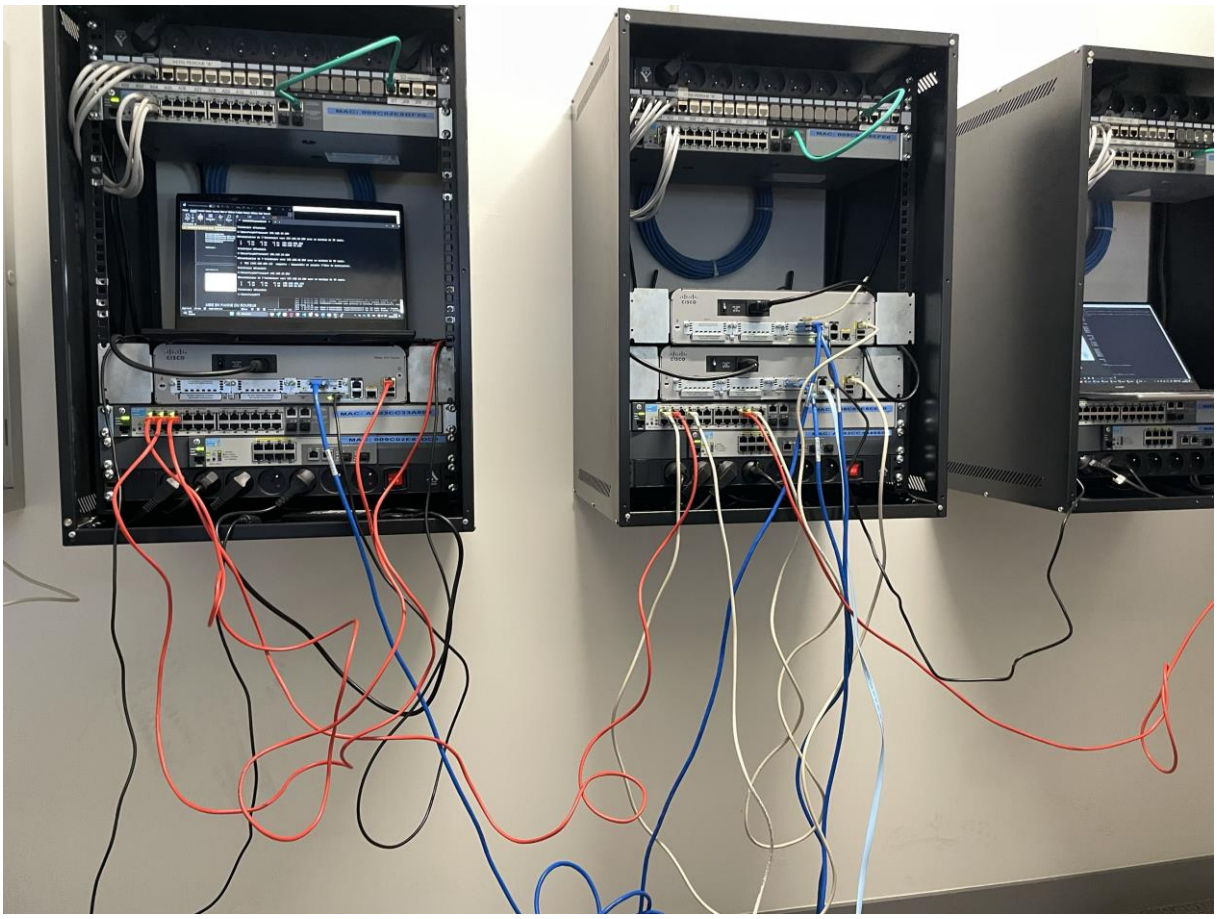
HSRP router secours

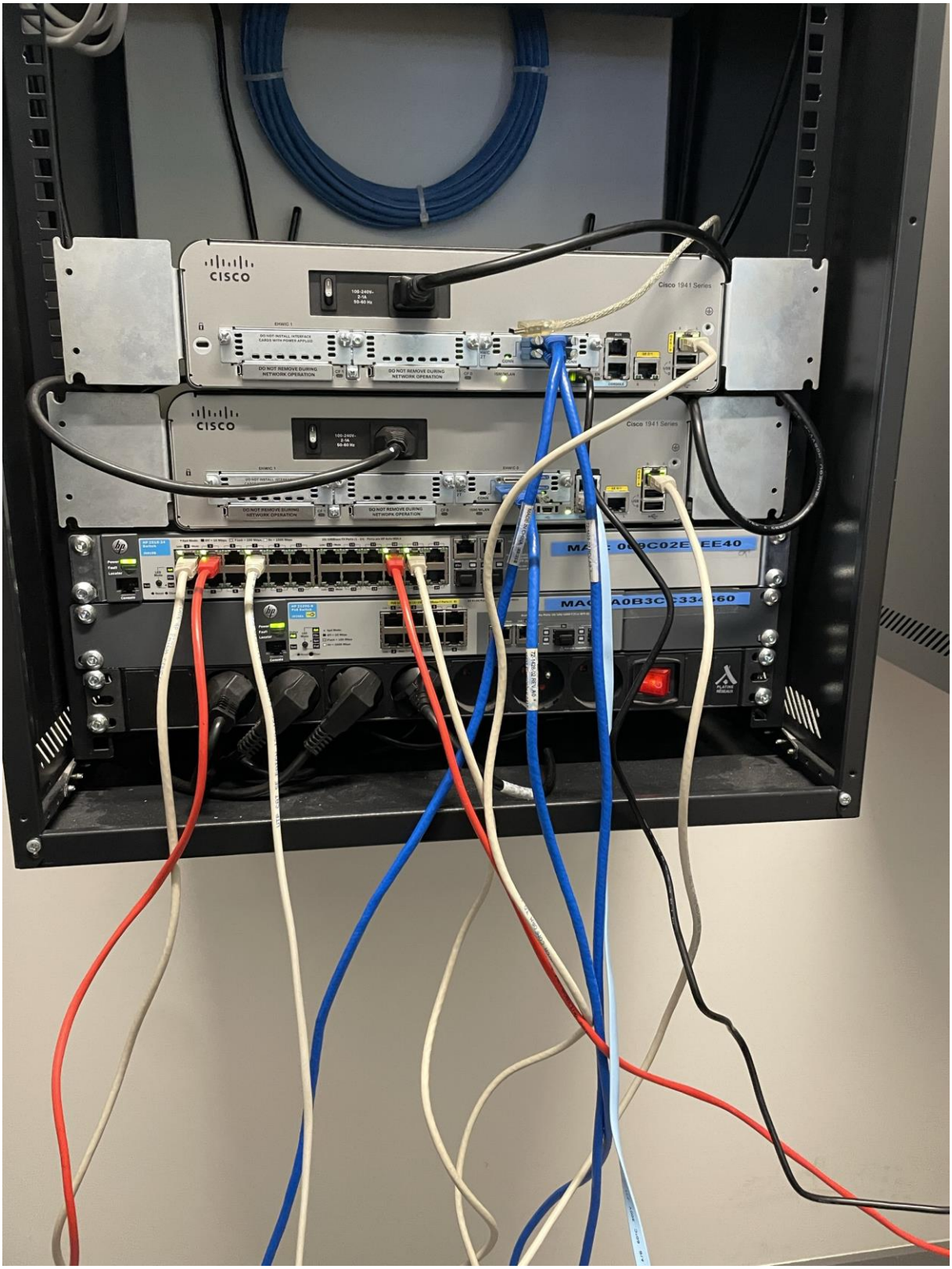
```
Router#sh standby gi0/0
GigabitEthernet0/0 - Group 100
  State is Init (interface down)
  Virtual IP address is 192.168.200.1
  Active virtual MAC address is unknown
    Local virtual MAC address is 0000.0c07.ac64 (
  Hello time 3 sec, hold time 10 sec
  Preemption disabled
  Active router is unknown
  Standby router is unknown
  Priority 110 (configured 110)
  Group name is "hsrp-Gi0/0-100" (default)
Router#
```

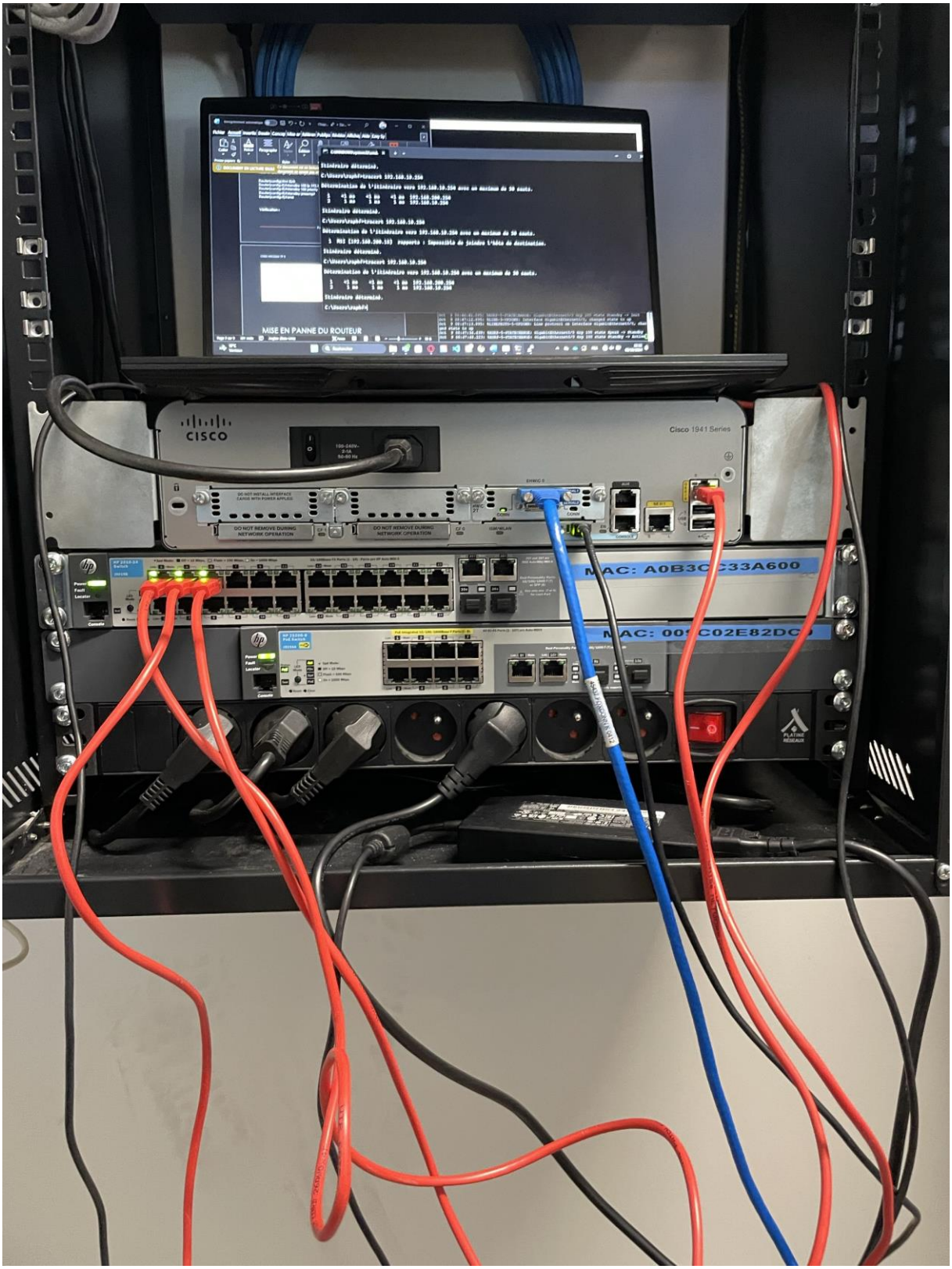
```
C:\Users\dylan>tracert 192.168.10.254

Détermination de l'itinéraire vers 192.168.10.254 avec un maximum de 30 sauts

  1     6 ms    <1 ms     1 ms  192.168.200.253
  2     2 ms     2 ms     2 ms  192.168.10.254

Itinéraire déterminé.

C:\Users\dylan>
```

tracert la route du ping du principale au siège ne prend pas en compte le router secours

Image de l'infrastrucure mise en place




cisco
Cisco 1941 Series
DO NOT REMOVE DURING NETWORK OPERATION
cisco
Cisco 1941 Series
DO NOT REMOVE DURING NETWORK OPERATION


MISE EN PANNE DU ROUTEUR
cisco
Cisco 1941 Series
MAC: A0B3C C33A600