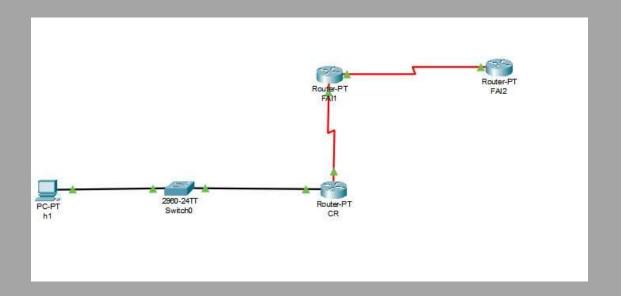
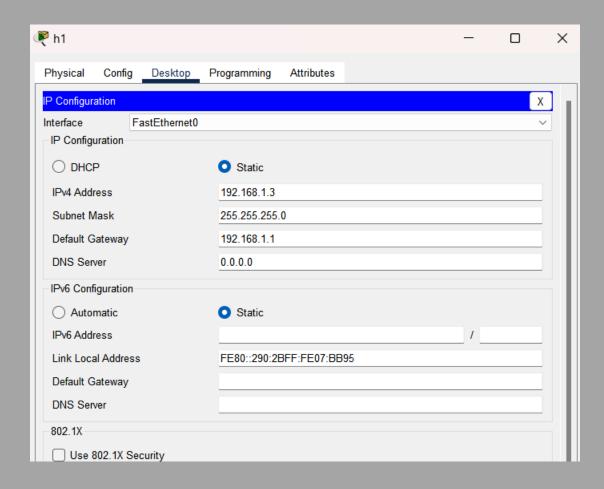
# TP-Devoir-Routage Dynamique

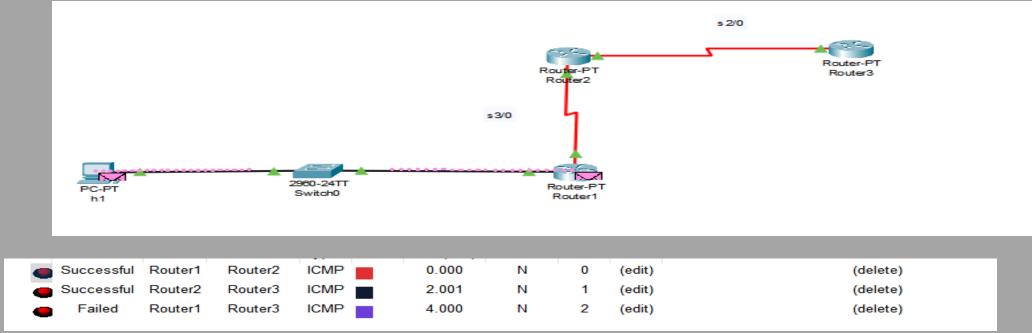
## :initiation à BGP

By Mohamed Alaoui Mhamdi

### Tâche 1:

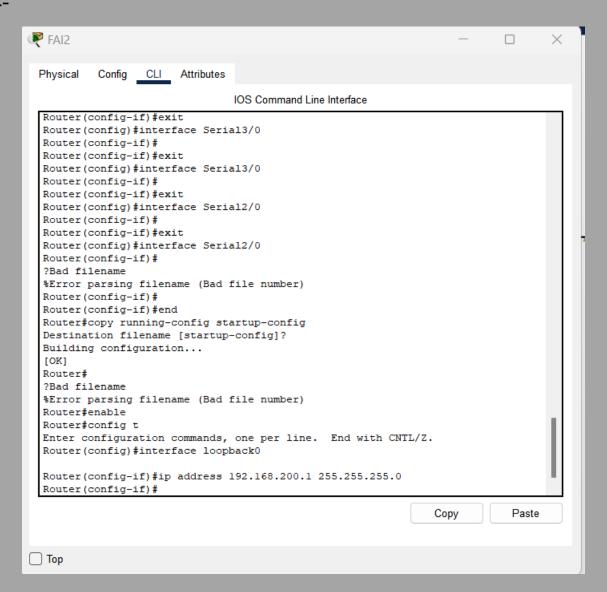


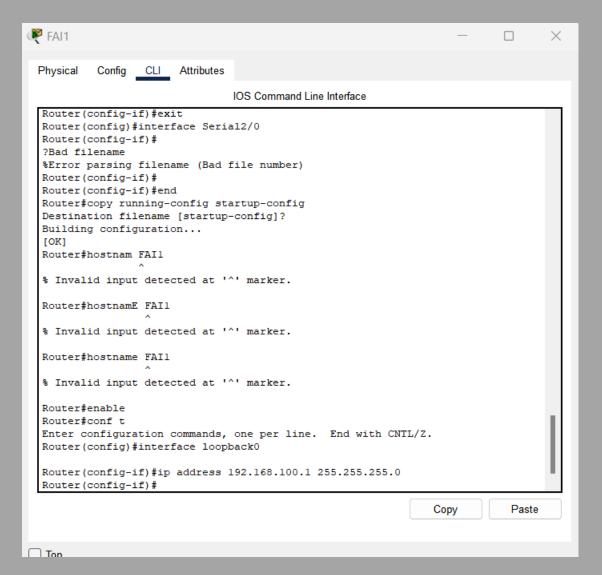




Le routeur CR est-il en mesure d'atteindre le routeur FAI2 ? L'hôte client est-il en mesure d'atteindre FAI1 ?

non et non





#### Tâche 2:

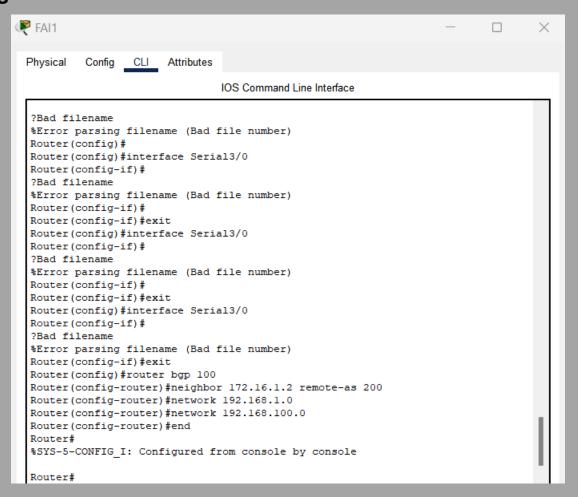
5-

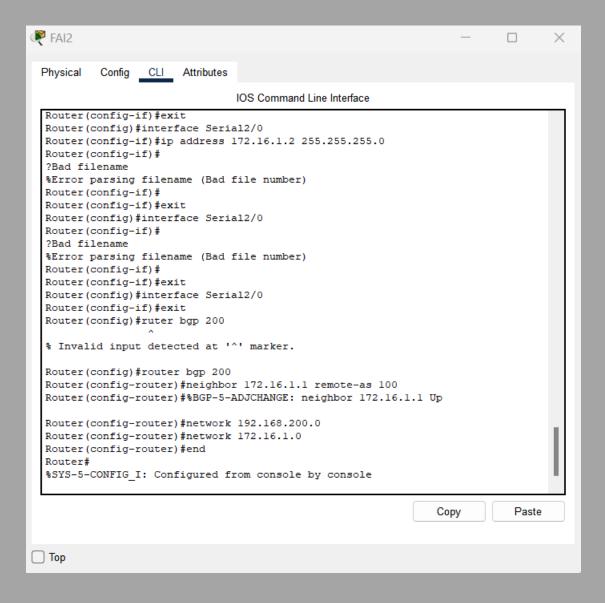
**₽** CR X Config CLI Attributes Physical IOS Command Line Interface %LINK-5-CHANGED: Interface FastEthernet0/0, changed state to up %LINEPROTO-5-UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up ?Bad filename %Error parsing filename (Bad file number) Router(config-if)# Router(config-if)#exit Router(config)#interface Serial3/0 Router(config-if)# ?Bad filename %Error parsing filename (Bad file number) Router(config-if)# ?Bad filename %Error parsing filename (Bad file number) Router(config-if)# Router (config-if) #end Router#copy running-config startup-config Destination filename [startup-config]? Building configuration... [OK] Router# ?Bad filename %Error parsing filename (Bad file number) Router#enable Router#config t Enter configuration commands, one per line. End with CNTL/Z. Router(config) #ip route 0.0.0.0 0.0.0.0 10.10.10.2 Router(config)# Copy Paste Top

**₽** FAI1 Physical Config CLI Attributes IOS Command Line Interface Router (config) # Router(config) #interface FastEthernet1/0 Router(config-if)# Router(config-if) #exit Router(config) #interface Serial2/0 Router(config-if)# Router(config-if) #exit Router(config) #interface FastEthernet4/0 Router(config-if)# Router(config-if)#exit Router(config) #interface Serial3/0 Router(config-if)# %SYS-5-CONFIG I: Configured from console by console %LINK-5-CHANGED: Interface Loopback0, changed state to up %LINEPROTO-5-UPDOWN: Line protocol on Interface LoopbackO, changed state to ip address 10.10.10.2 255.255.255.0 Router (config-if) #shutdown Router(config-if)# %LINK-5-CHANGED: Interface Serial3/0, changed state to administratively down %LINEPROTO-5-UPDOWN: Line protocol on Interface Serial3/0, changed state to down no shutdown Router(config-if) #interface FastEthernet1/0 Router(config-if) #exit Router(config) #ip route 192.168.1.0 255.255.255.0 10.10.10.1 Router (config) # Copy Paste Top

Fire	Last Status	Source	Destination	Type	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	h1	FAI1	ICMP		0.000	N	0	(edit)	

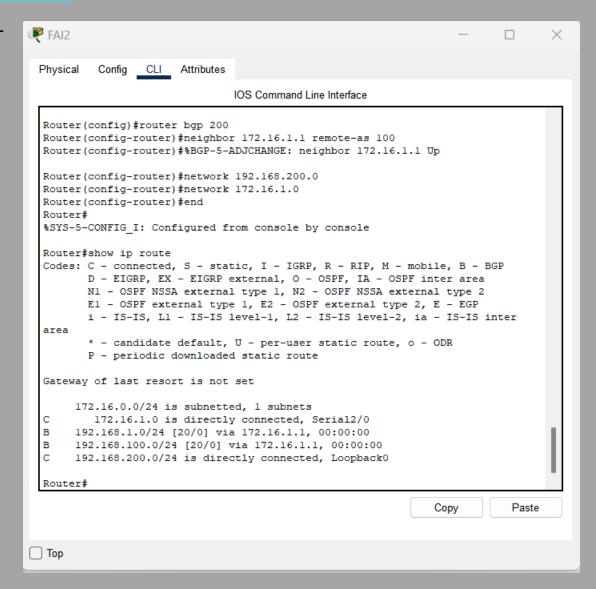
#### Tâche 3:





#### Tâche 4:

10-

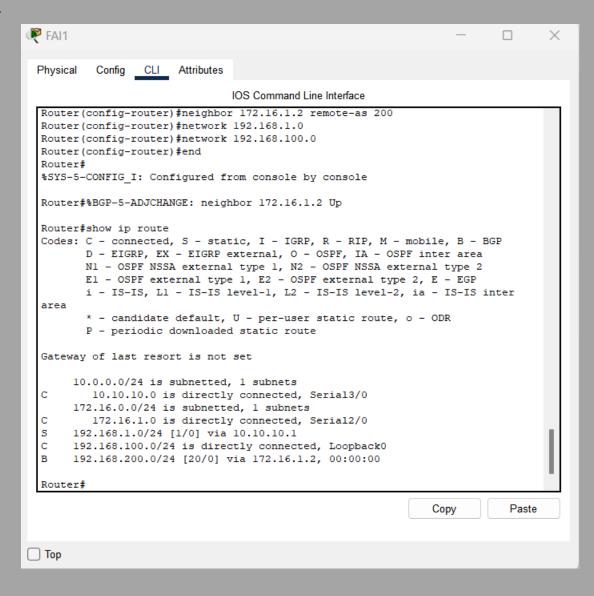


#### 11-oui

14-oui

15-R2

b-

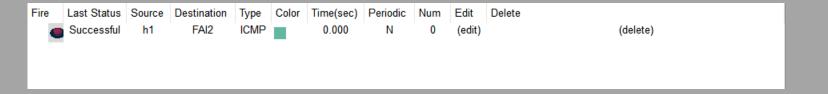


# 17-on routage statique b-non

C-**₽** CR Config CLI Attributes IOS Command Line Interface Router>enable Router#show ip route Codes: C - connected, S - static, I - IGRP, R - RIP, M - mobile, B - BGP D - EIGRP, EX - EIGRP external, O - OSPF, IA - OSPF inter area N1 - OSPF NSSA external type 1, N2 - OSPF NSSA external type 2 E1 - OSPF external type 1, E2 - OSPF external type 2, E - EGP i - IS-IS, L1 - IS-IS level-1, L2 - IS-IS level-2, ia - IS-IS inter area \* - candidate default, U - per-user static route, o - ODR P - periodic downloaded static route Gateway of last resort is 10.10.10.2 to network 0.0.0.0 10.0.0.0/24 is subnetted, 1 subnets 10.10.10.0 is directly connected, Serial3/0 192.168.1.0/24 is directly connected, FastEthernet0/0 S\* 0.0.0.0/0 [1/0] via 10.10.10.2 Router# Paste Copy Пор

### Tâche 5:

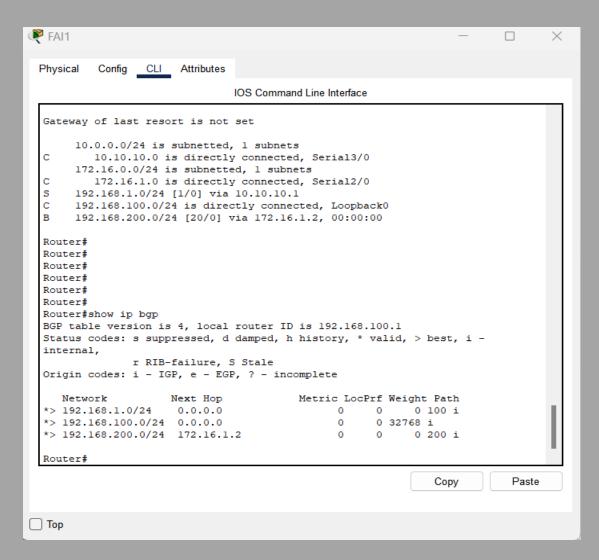
20-



Fire	Last Status	Source	Destination	Туре	Color	Time(sec)	Periodic	Num	Edit	Delete
	Successful	h1	FAI2	ICMP		0.000	N	0	(edit)	(delete)
•	Successful	FAI2	h1	ICMP		0.000	N	1	(edit)	(delete)
-										

#### Tâche 6:

22-



24-par ce que on a un routage bgp entre FAI1 et FAI2

₹ FAI2	_		×
Physical Config CLI Attributes			
IOS Command Line Interface			
Press RETURN to get started.			
Router>enable			
Router#show ip bgp BGP table version is 4, local router ID is 192.168.200.1			
Status codes: s suppressed, d damped, h history, * valid, > best internal.	;, i -		
r RIB-failure, S Stale			
Origin codes: i - IGP, e - EGP, ? - incomplete			
Network Next Hop Metric LocPrf Weight Pat	h		
*> 192.168.1.0/24 172.16.1.1 0 0 0 100			
*> 192.168.100.0/24 172.16.1.1 0 0 0 100 *> 192.168.200.0/24 0.0.0.0 0 0 32768 i	1		
			ш
Router#			
Сор	ру 📗	Paste	
Тор			