



RAPPORT SUR LE TRAVAIL DE LABORATOIRE N°1

Cours : Réseaux 1

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Date : 25 Novembre 2024

Réseaux 1

Configuration des services DNS et DHCP dans un réseau simulé sur Cisco Packet Tracer.

TD 4

Objectif :

Ce TD vous permettra la configuration des services **DNS** et **DHCP** dans un réseau simulé sur **Cisco Packet Tracer**.

1. Configurer un serveur DNS pour la résolution de noms.
2. Configurer un serveur DHCP pour l'attribution automatique des adresses IP.
3. Tester la connectivité réseau et les services configurés.

Étapes du TD :

1. Configuration du Serveur DNS :

Topologie du Réseau :

- ♦ Appareils :
 - 1 routeur 1841 (pour l'interconnexion).
 - 2 switch (pour connecter les appareils locaux).
 - 1 serveur (pour le service DNS).
 - 4 PC .

Travaux Dirigés :

Contenu du rapport

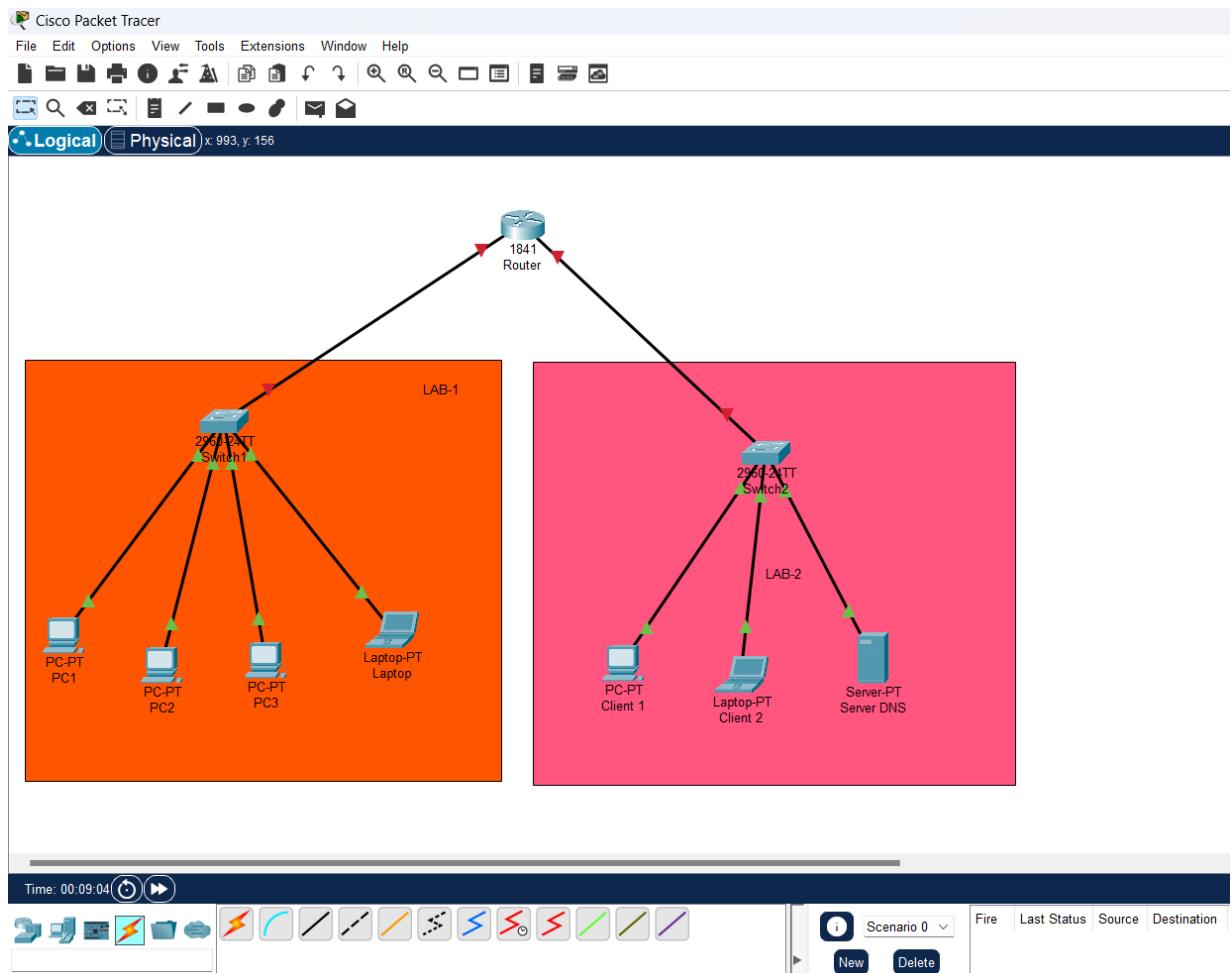
Le rapport doit inclure :

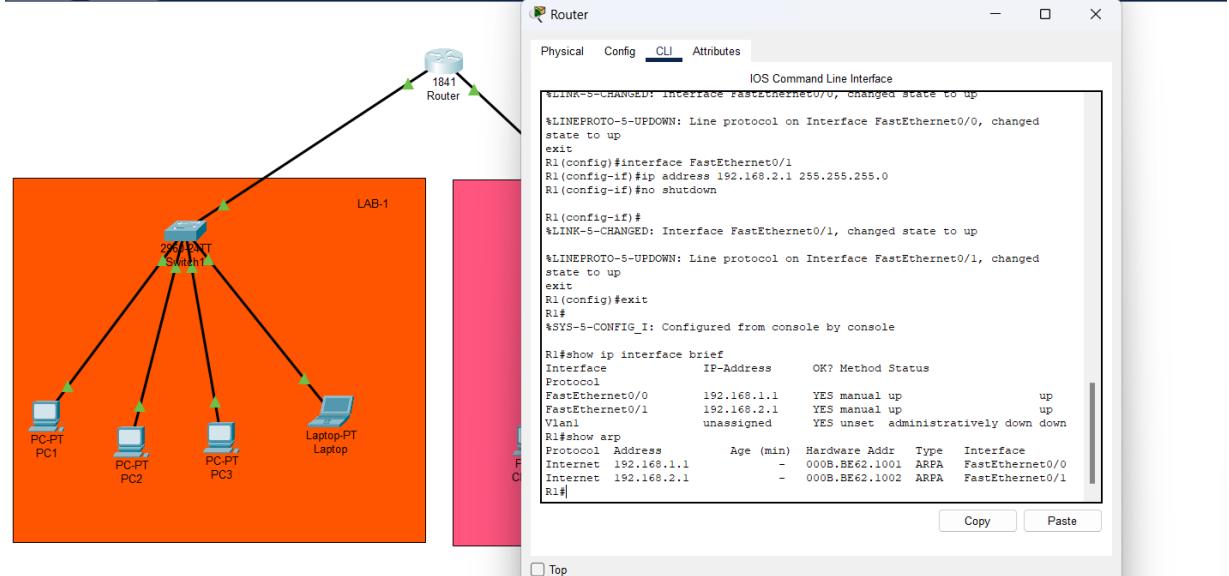
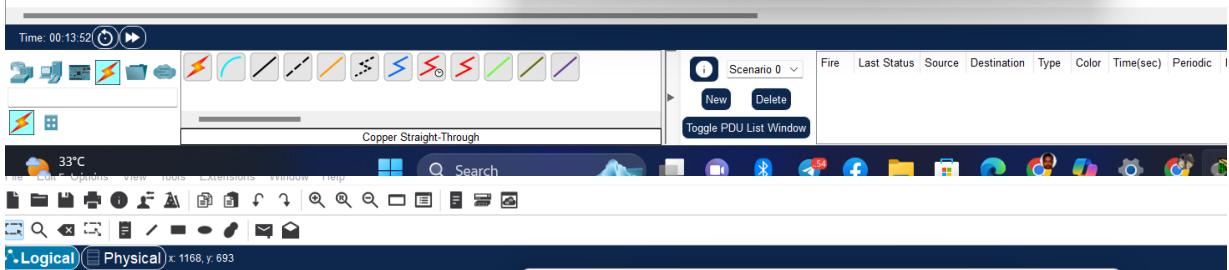
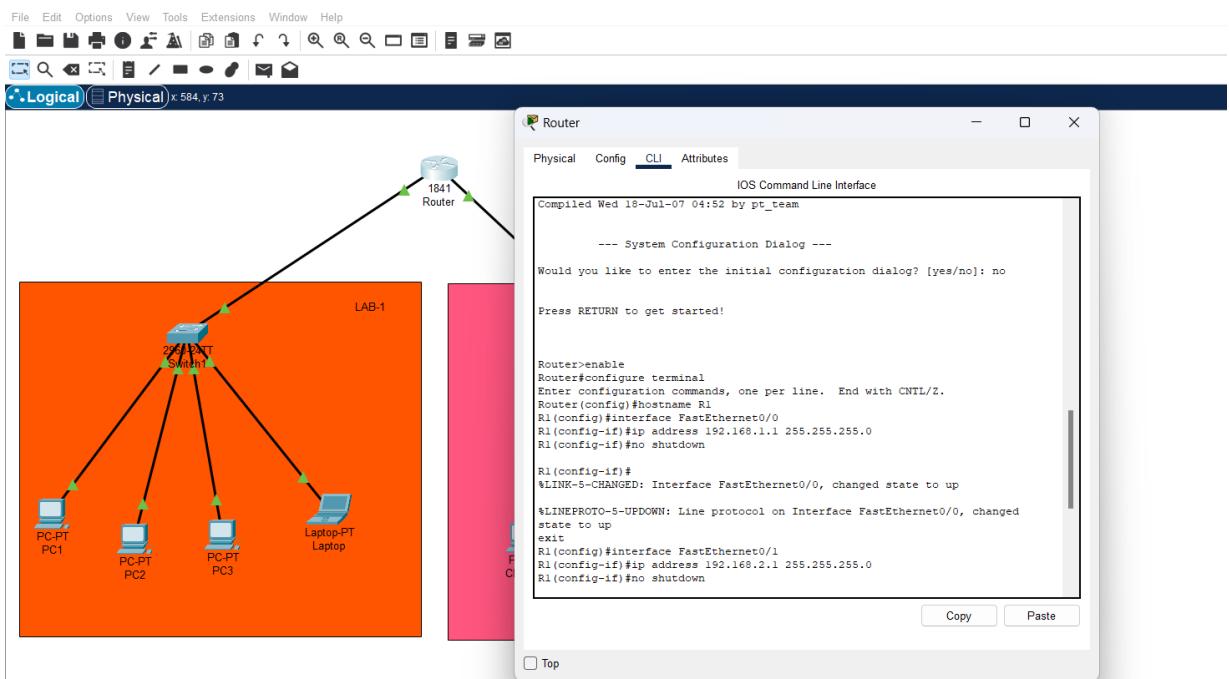
1. Une page de couverture.
2. Une description des résultats de la tâche.
3. Les résultats de l'exécution des commandes (captures d'écran).
4. Les conclusions sur la tâche accomplie.
5. Hébergez le rapport de travail au format Word et PDF, le fichier pkt, ainsi que les images sur GitHub.

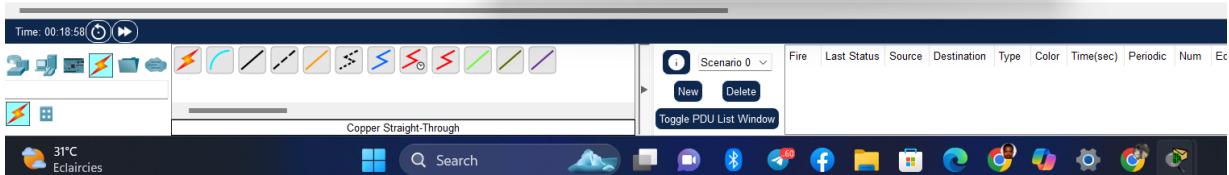
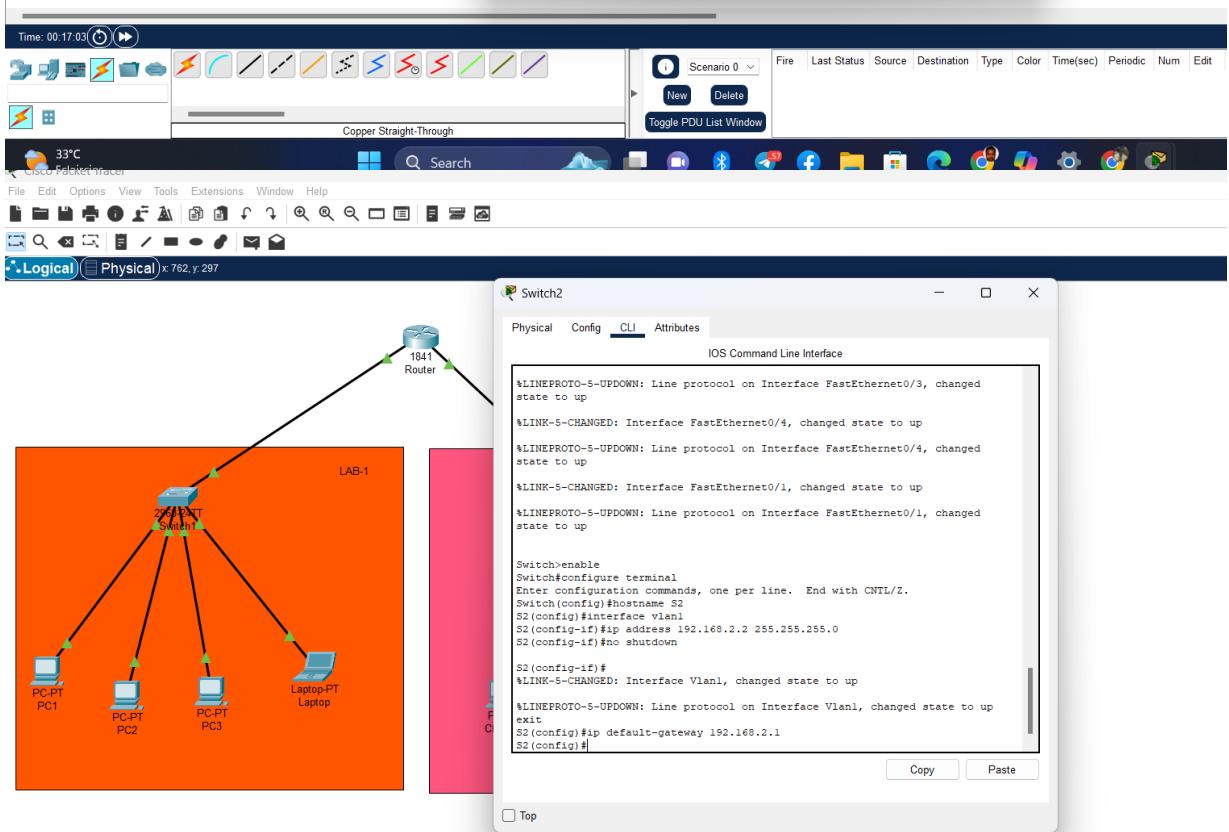
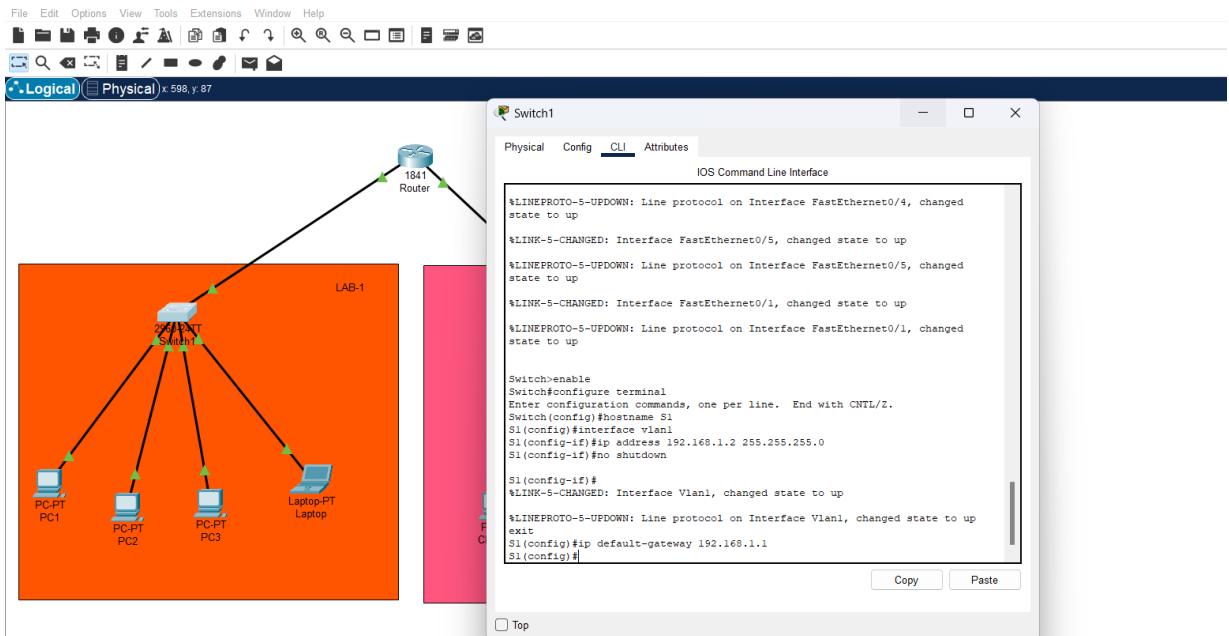
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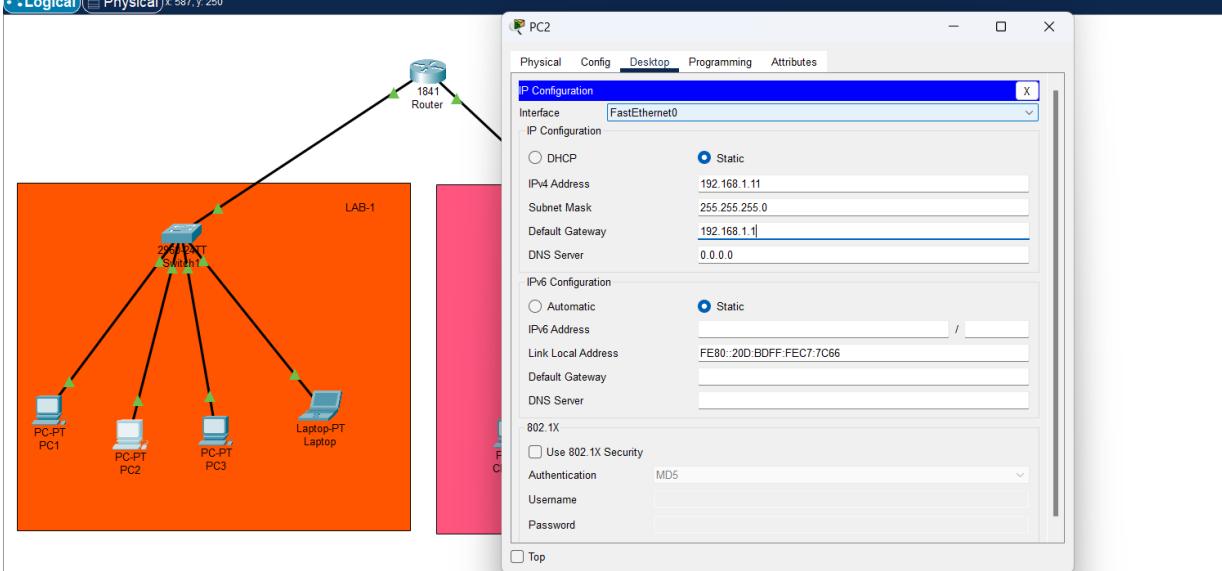
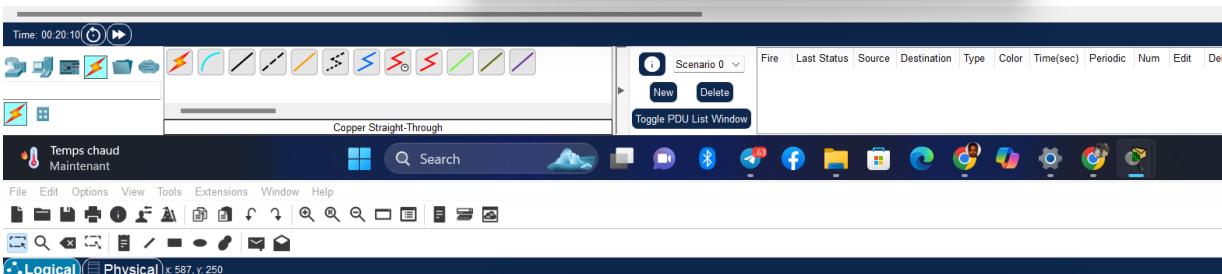
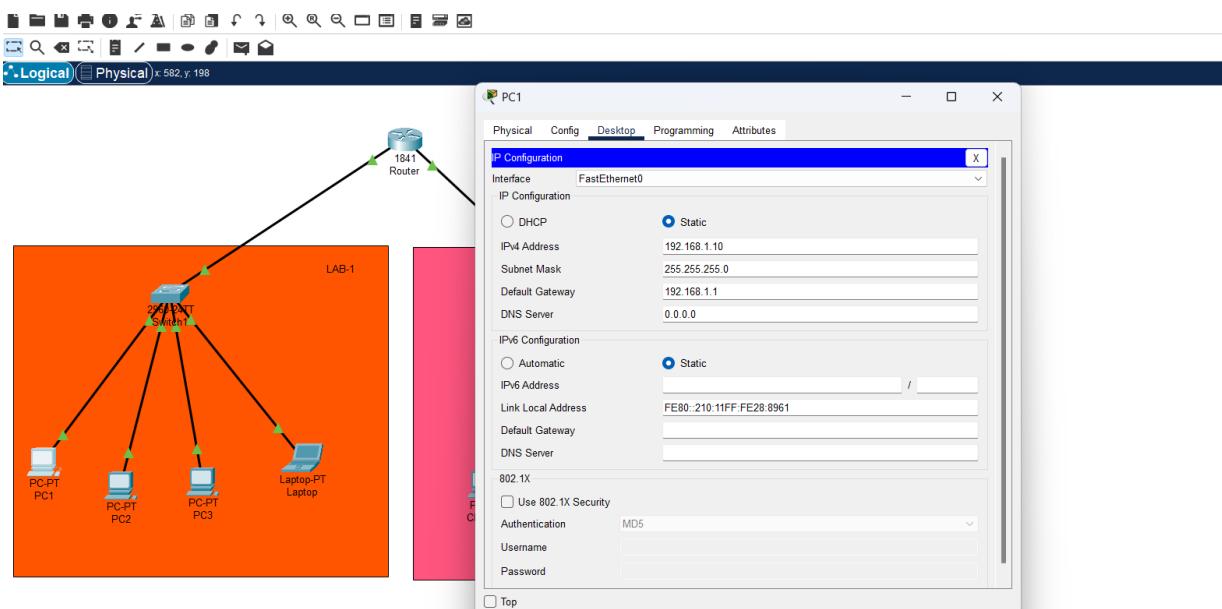
Configuration des services DNS et DHCP dans un réseau simulé sur Cisco Packet Tracer.

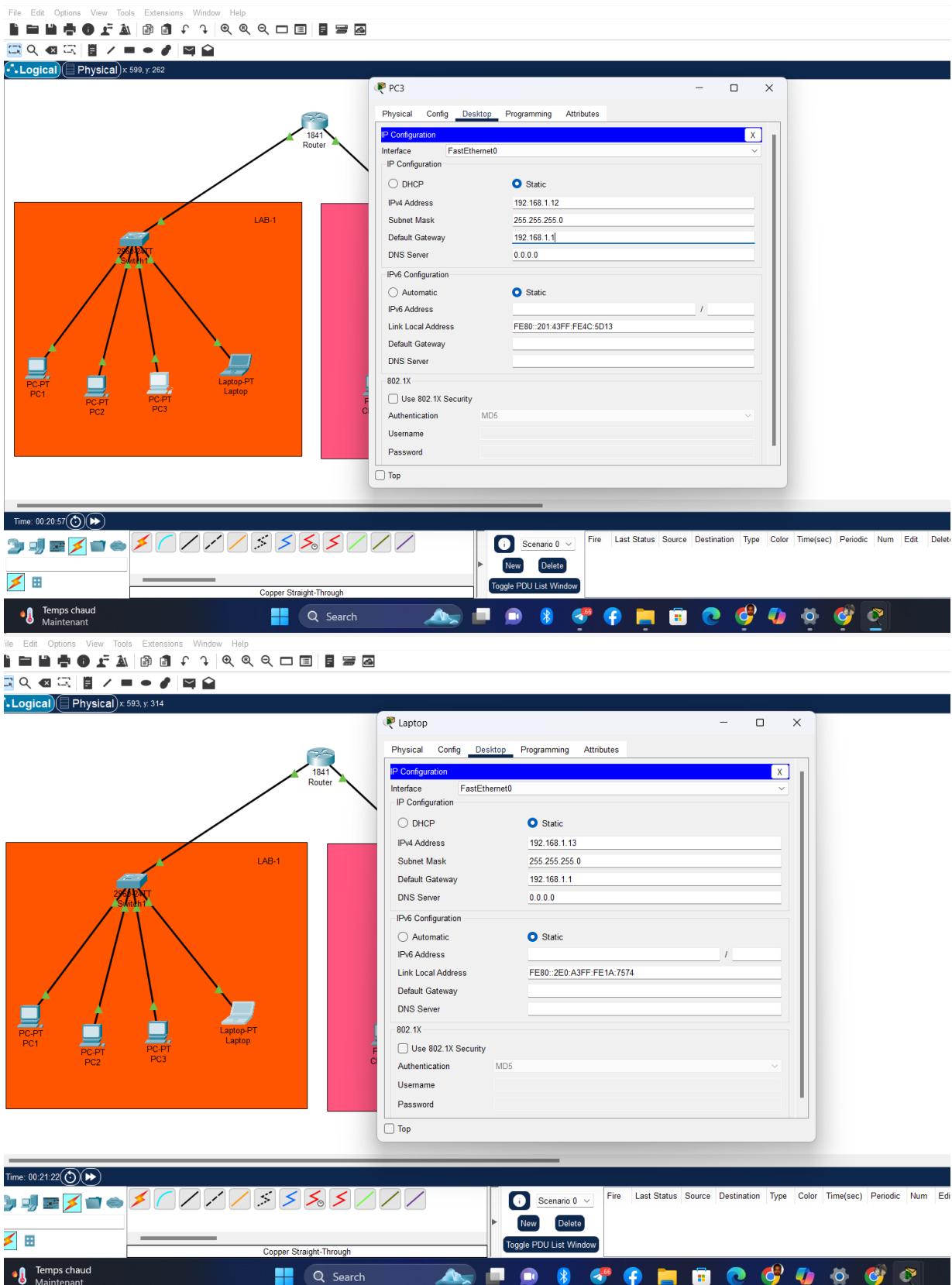
1. Reproduisez cette topologie en configurant le serveur DNS.

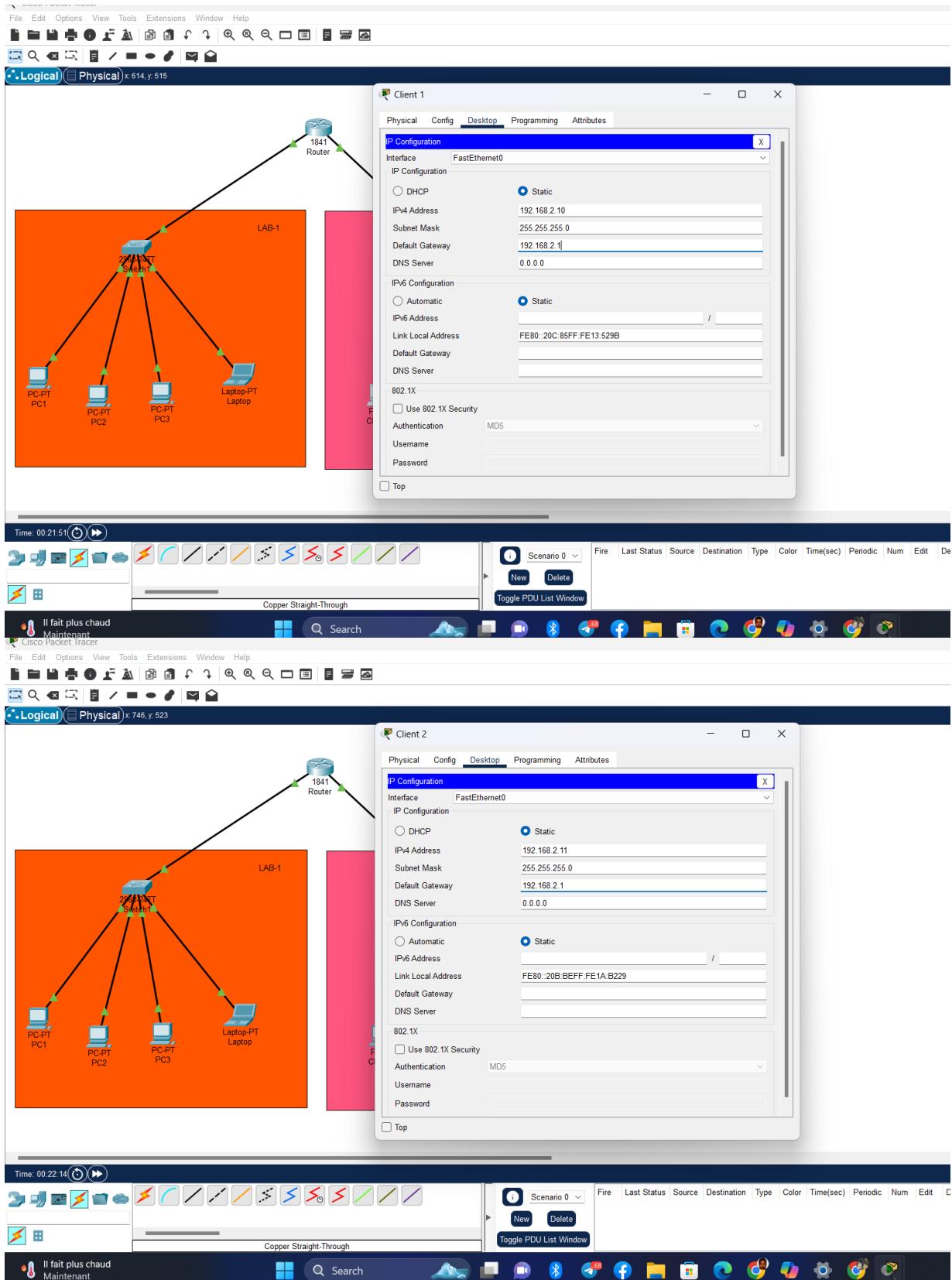


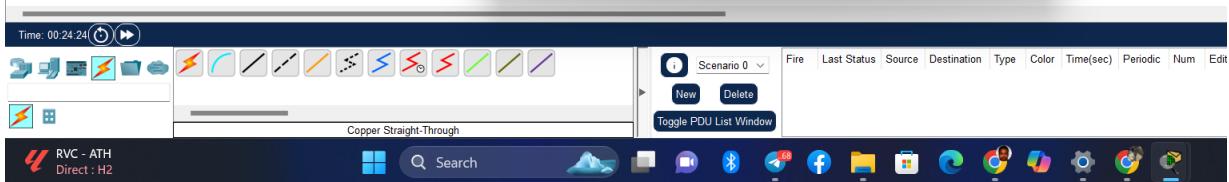
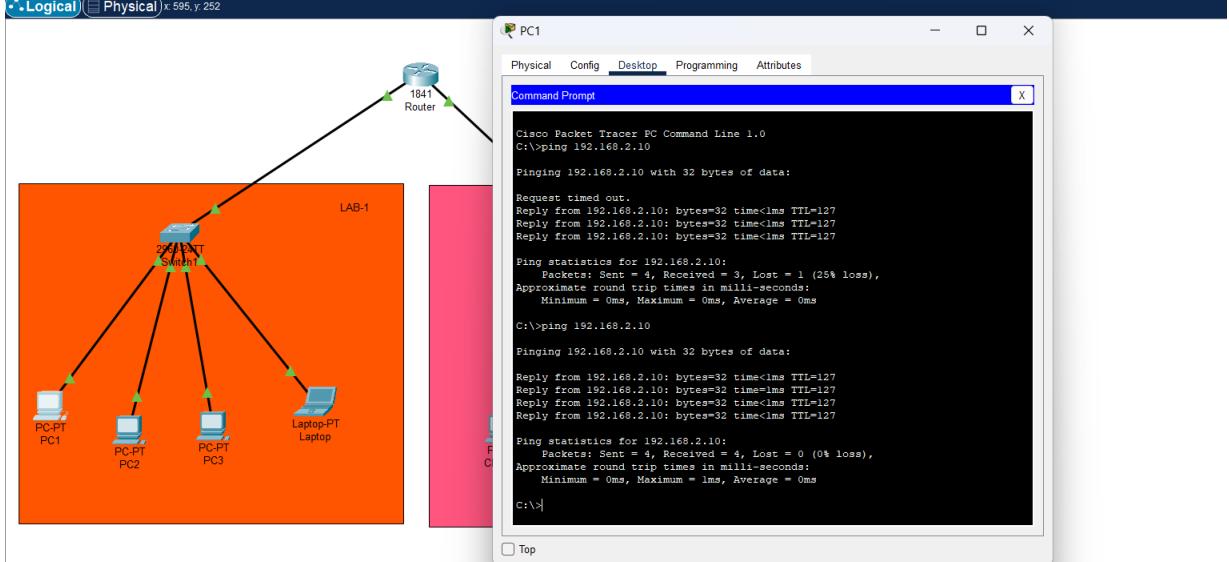
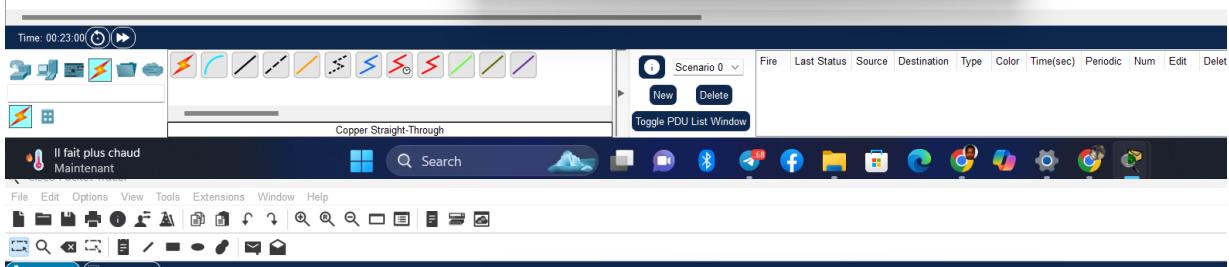
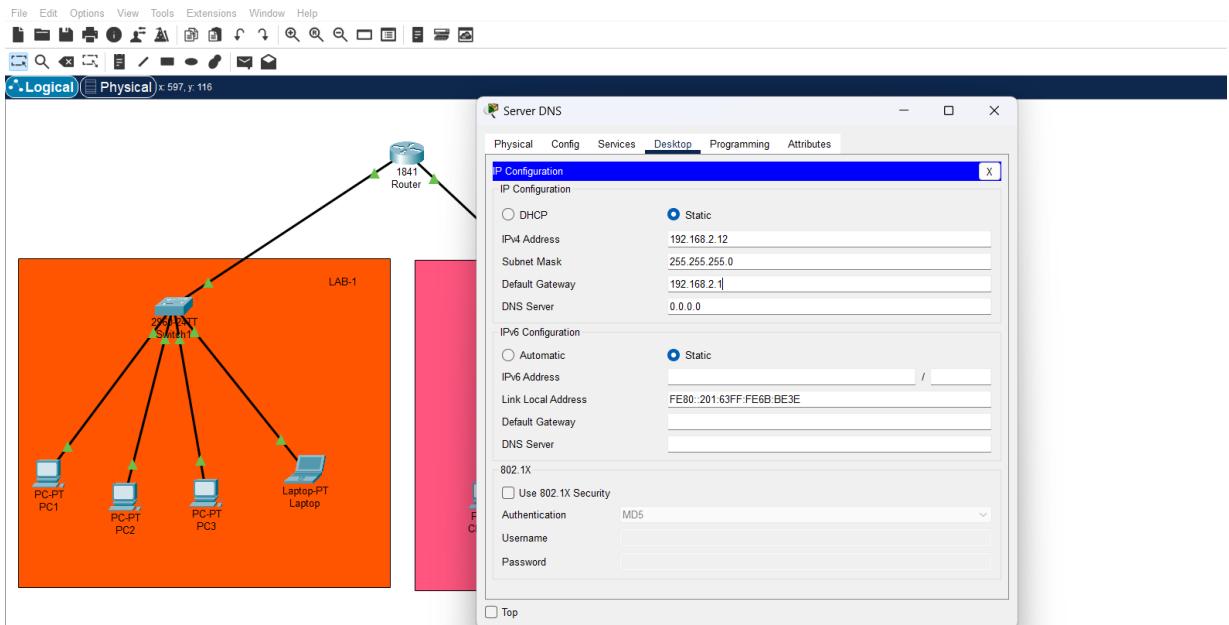


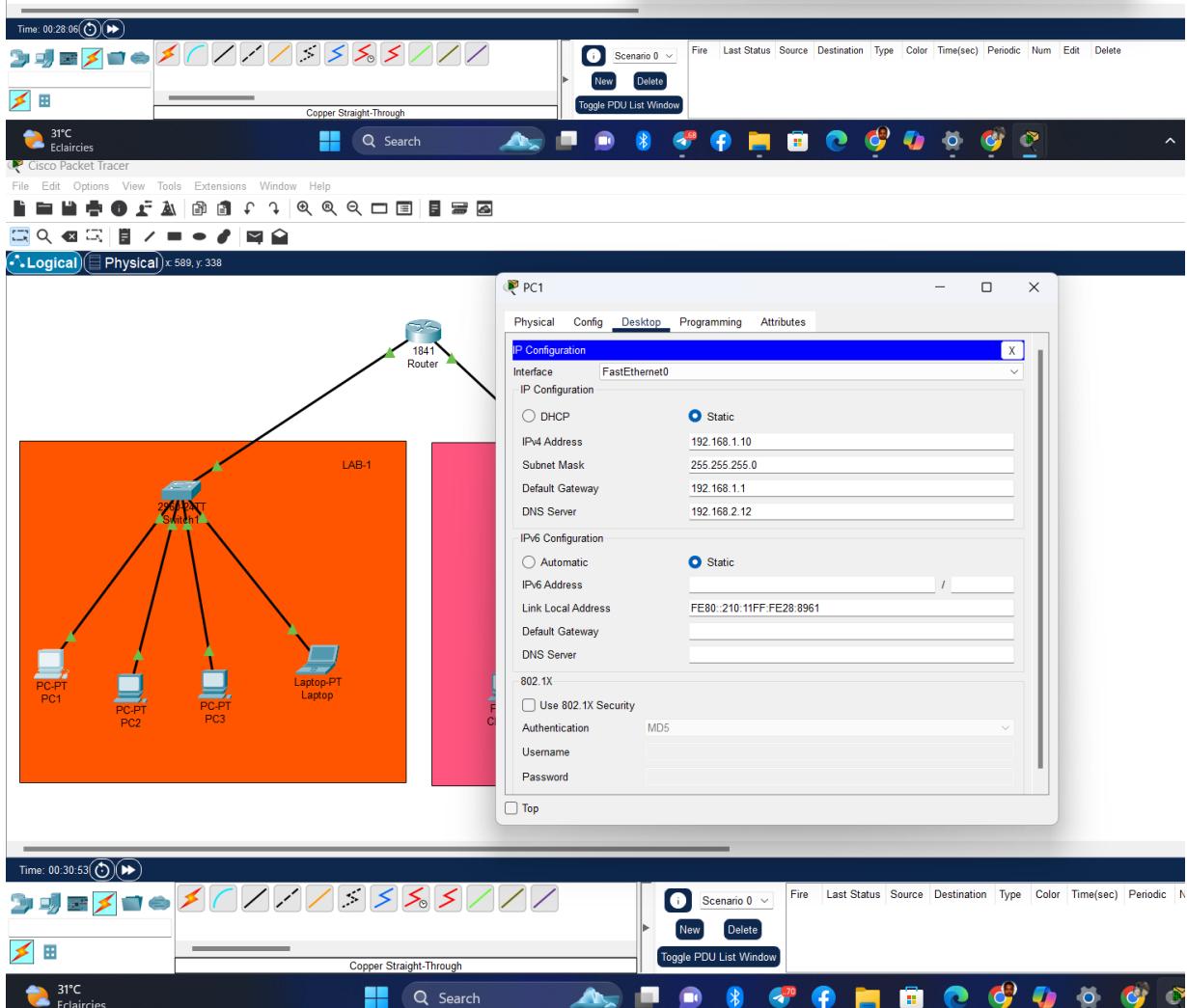
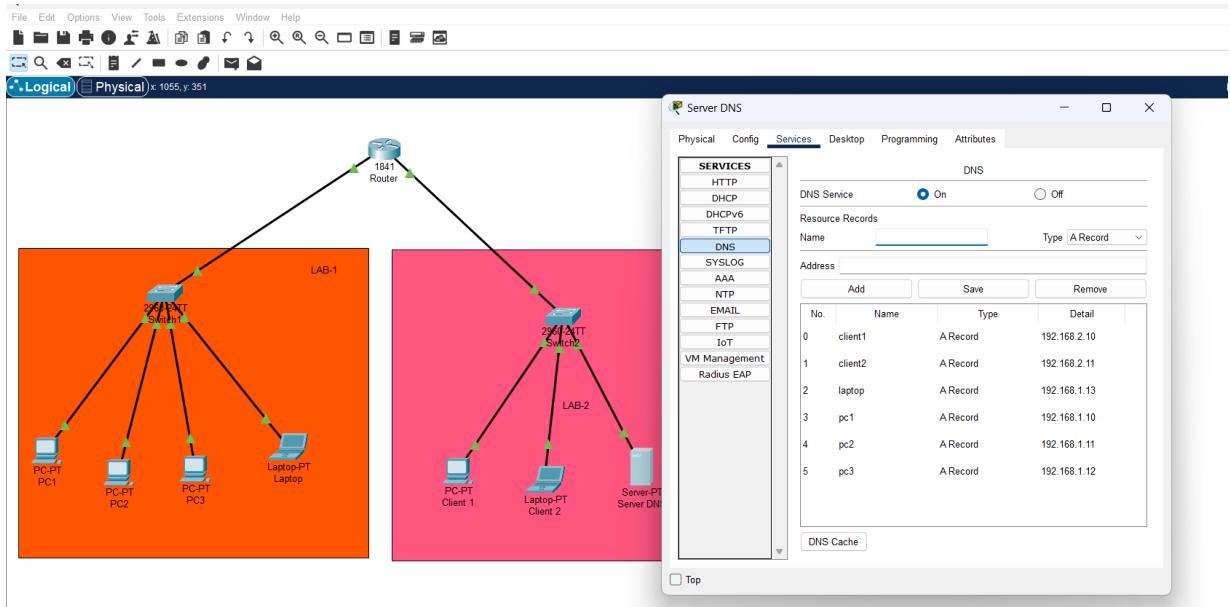


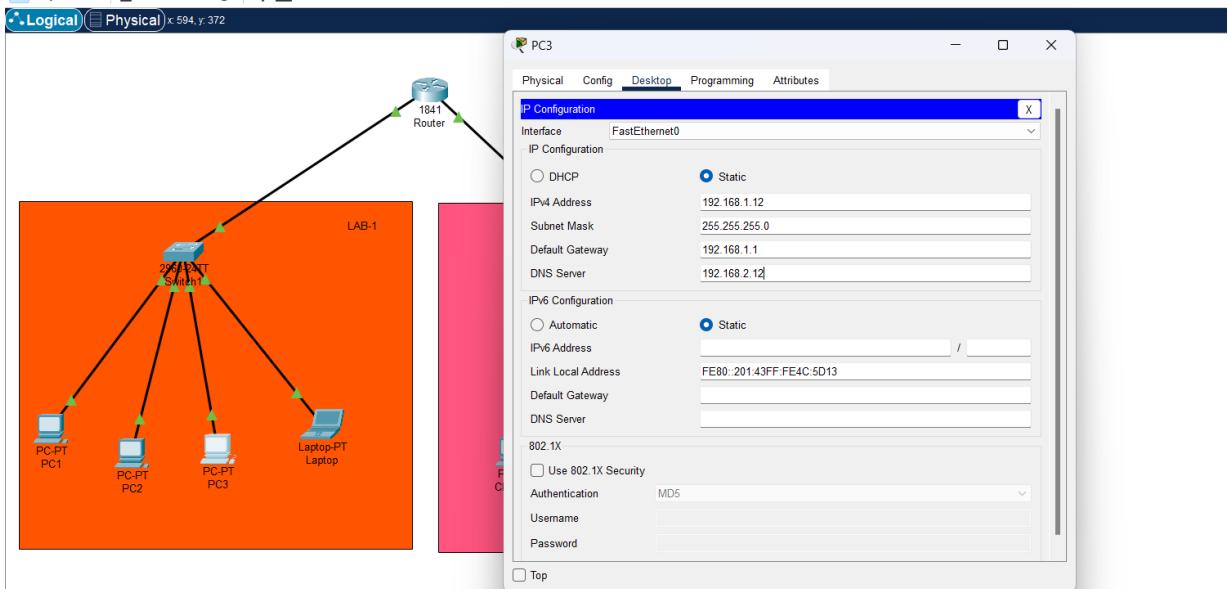
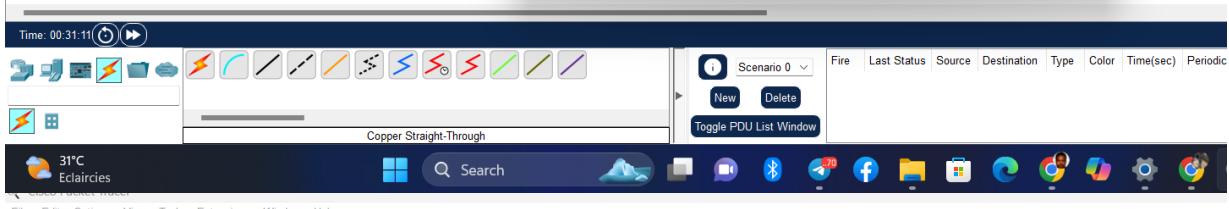
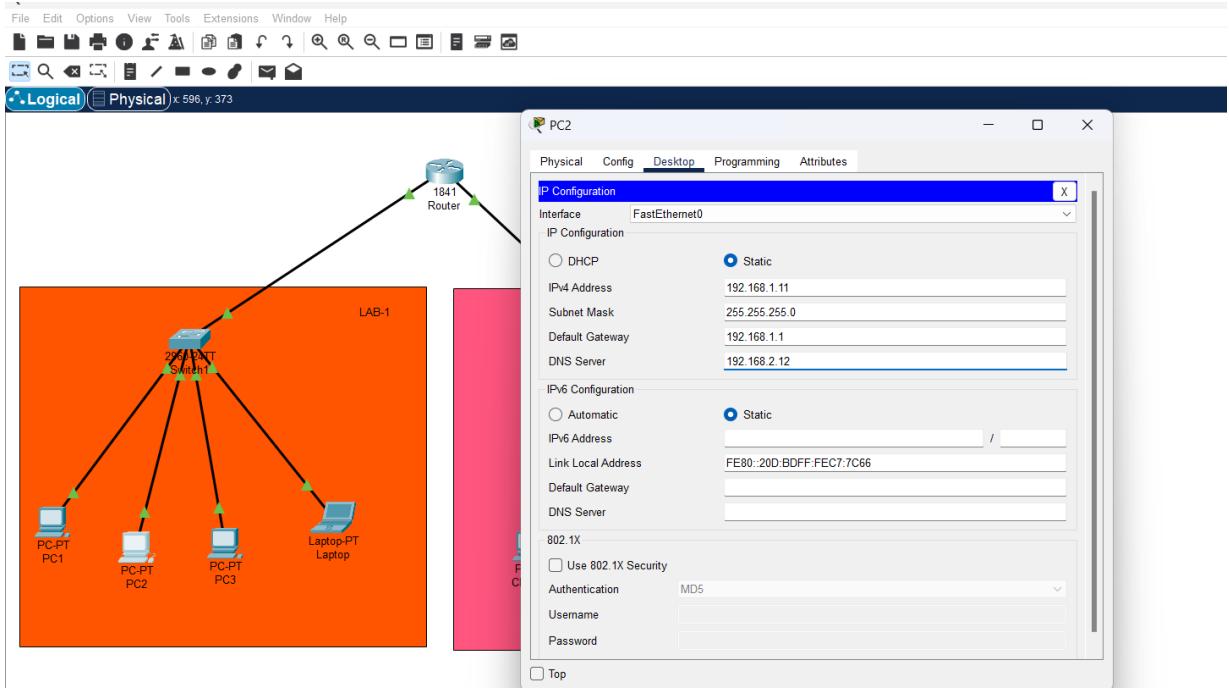


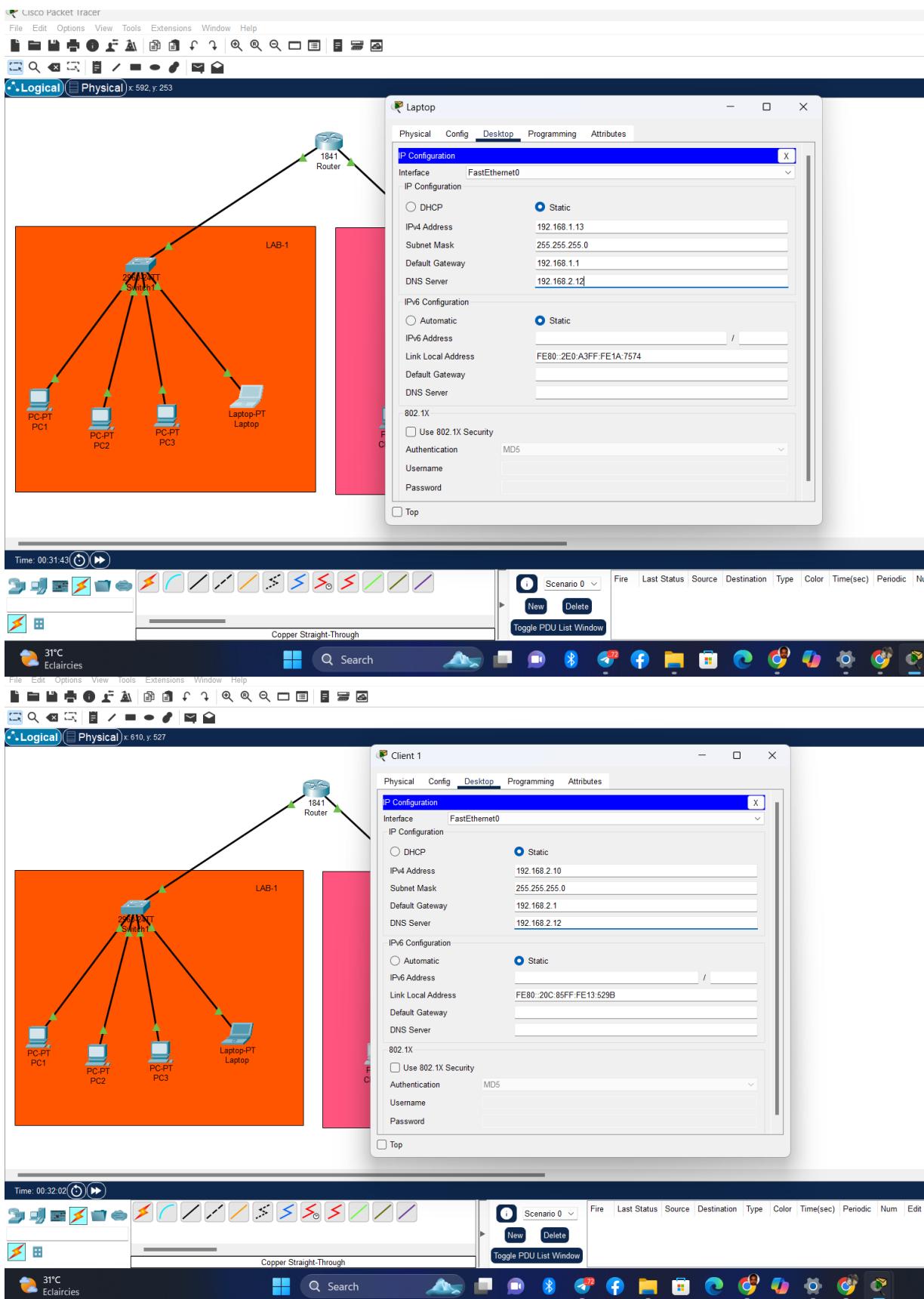


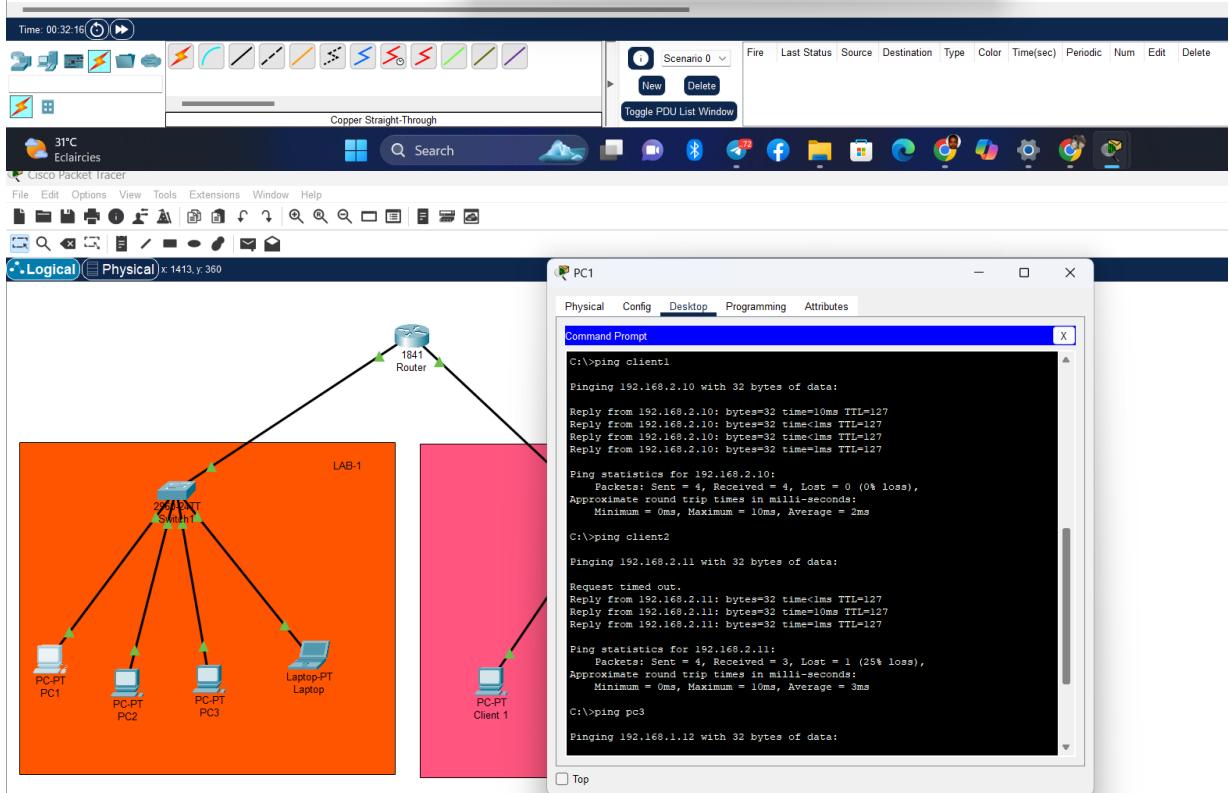
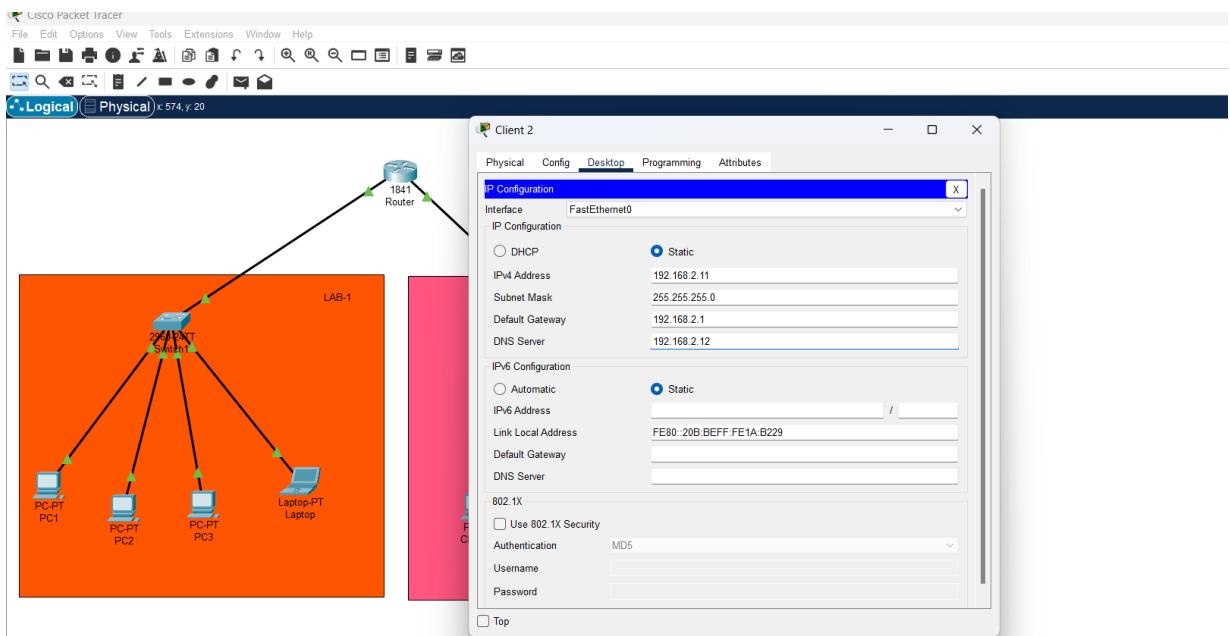


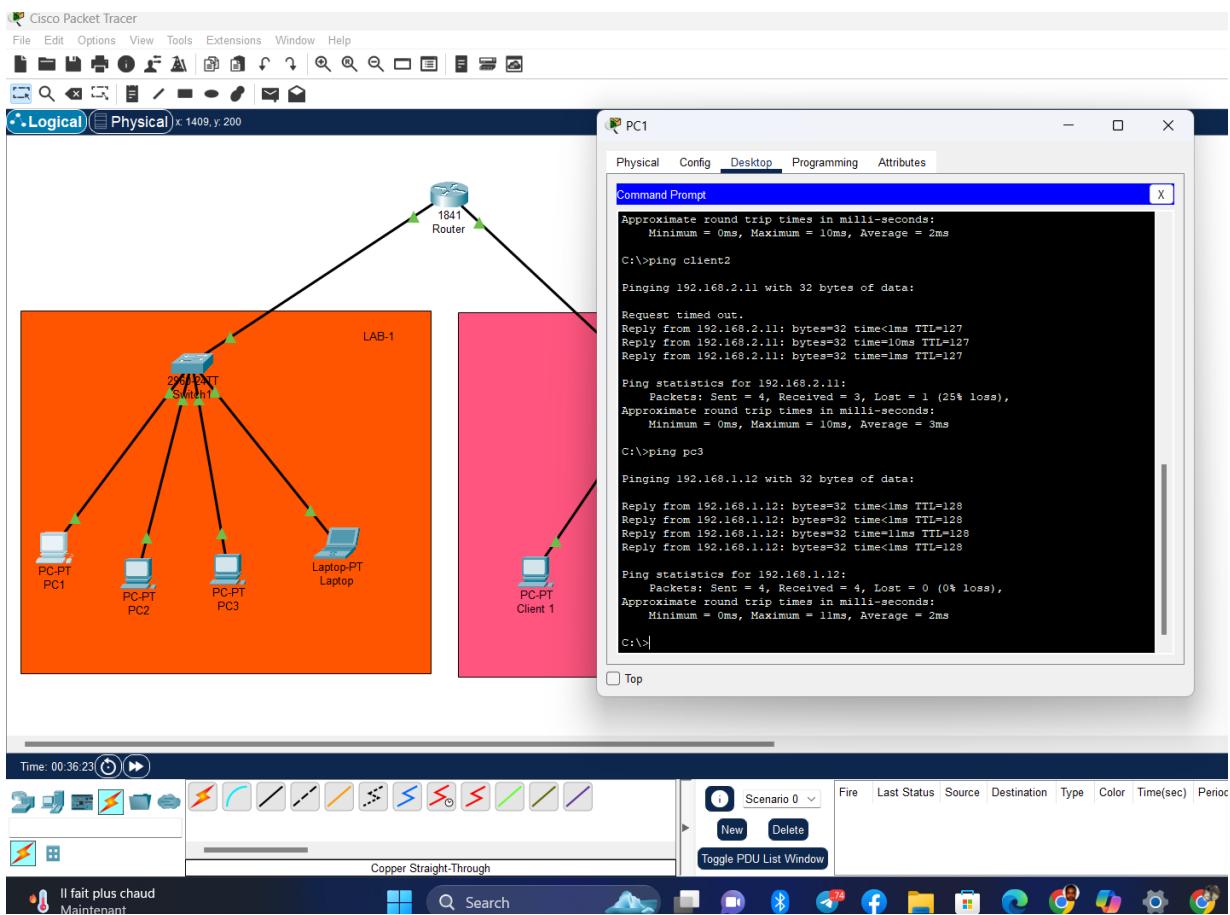












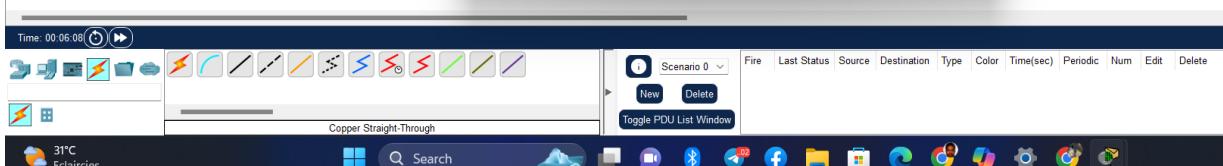
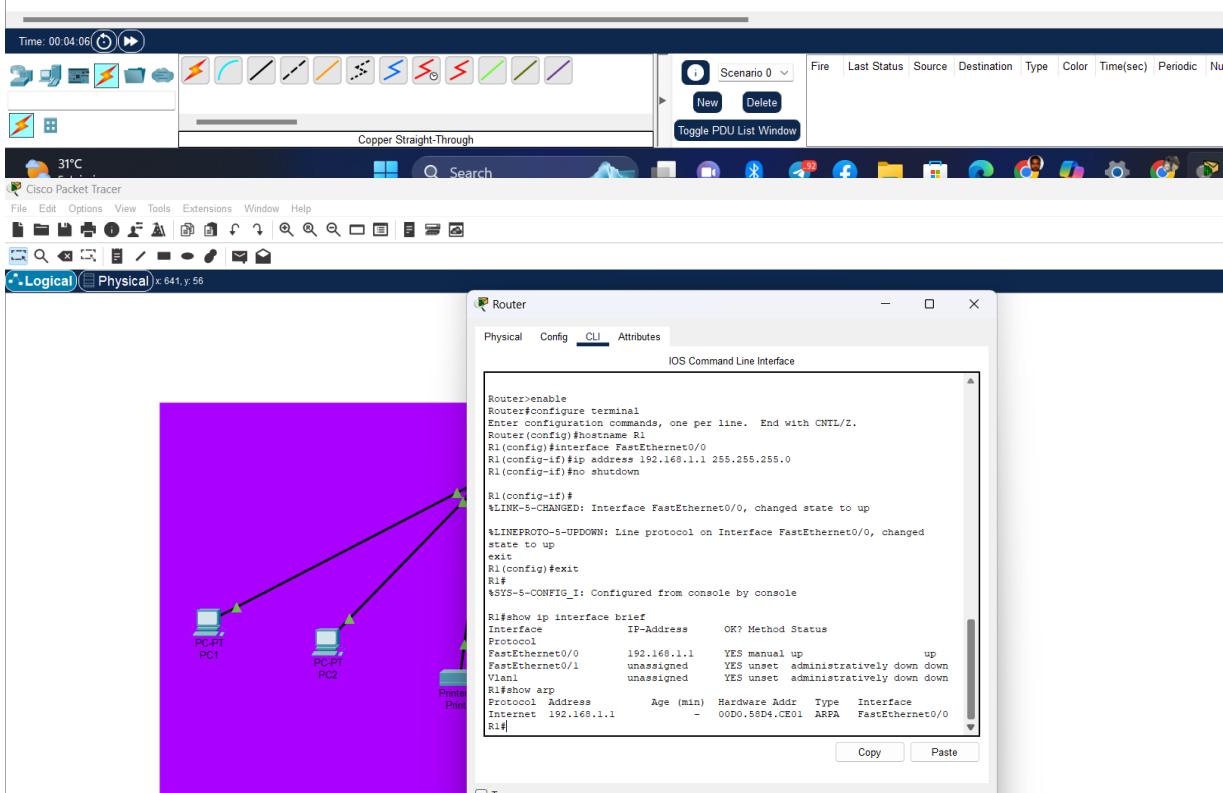
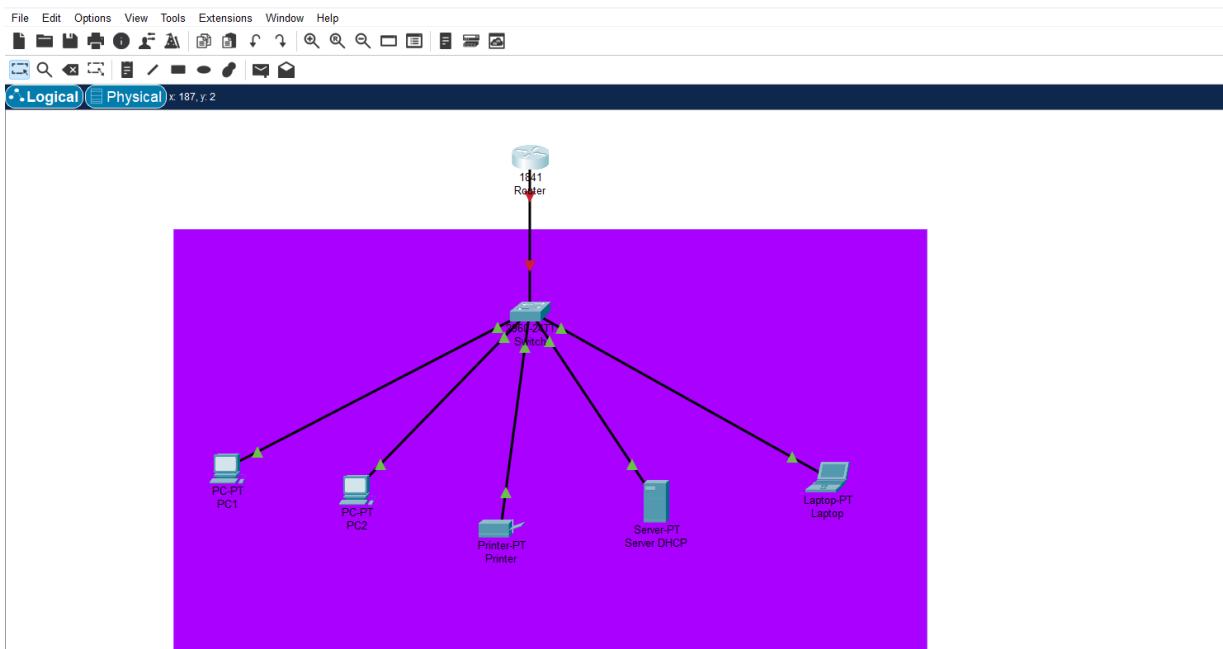
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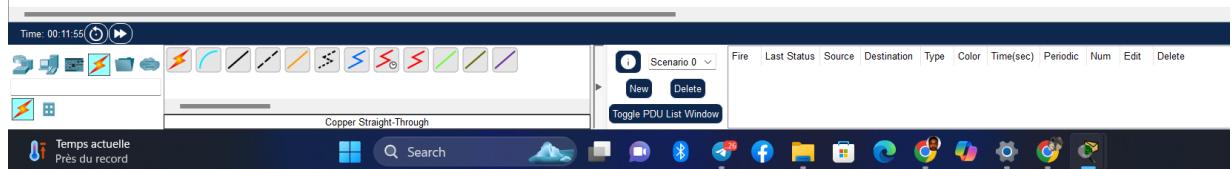
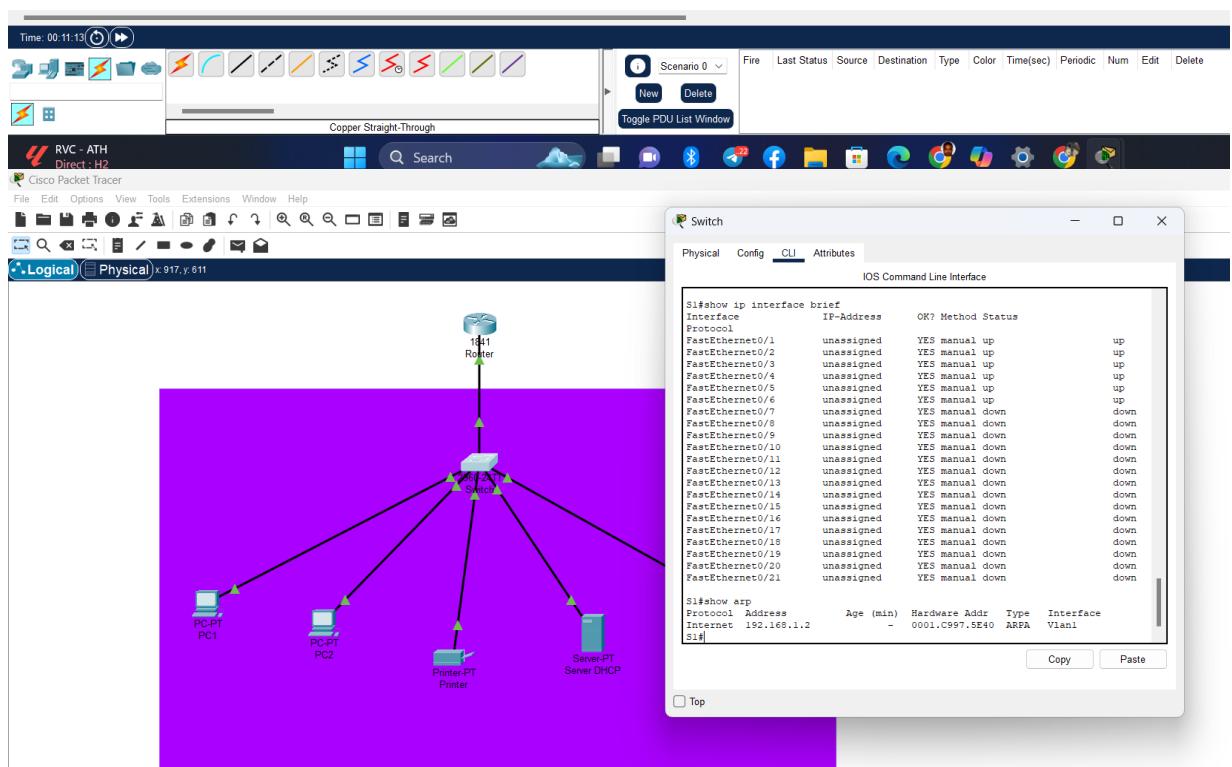
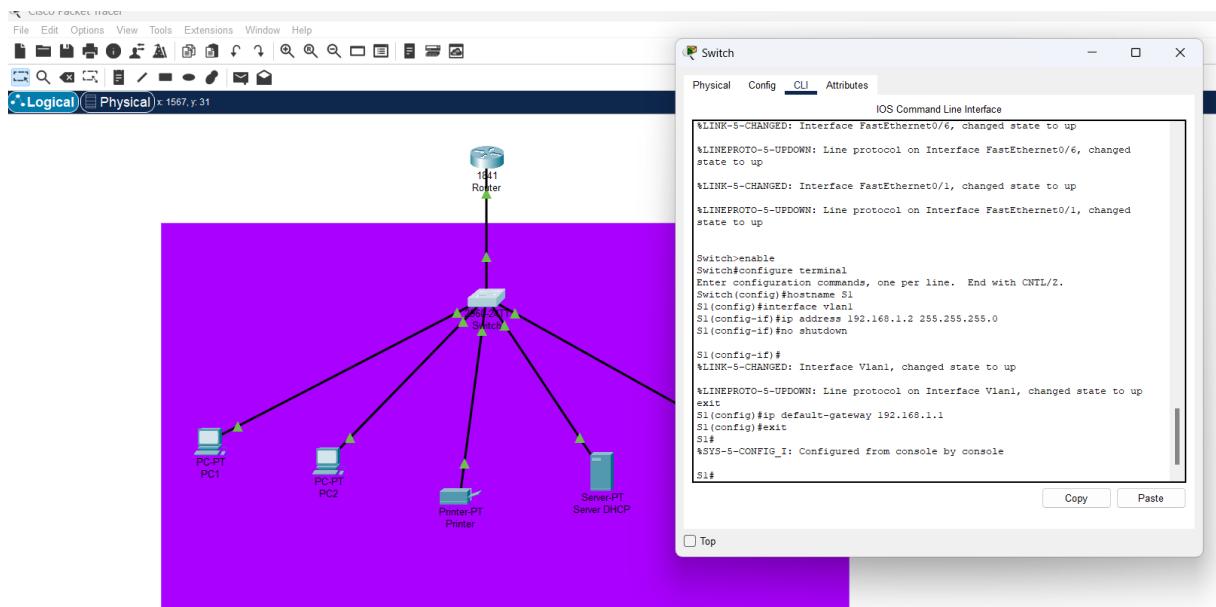
Copper Straight-Through

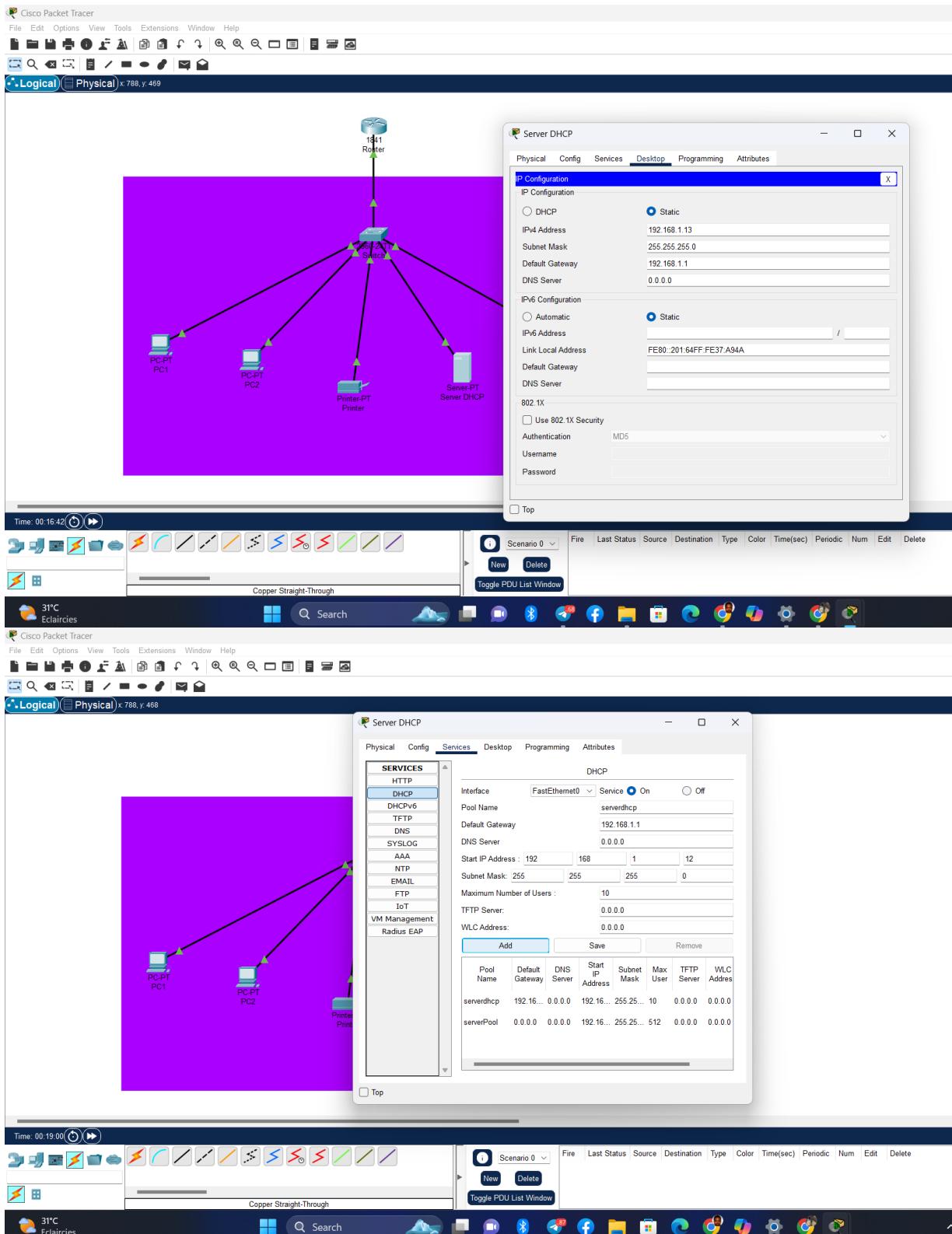
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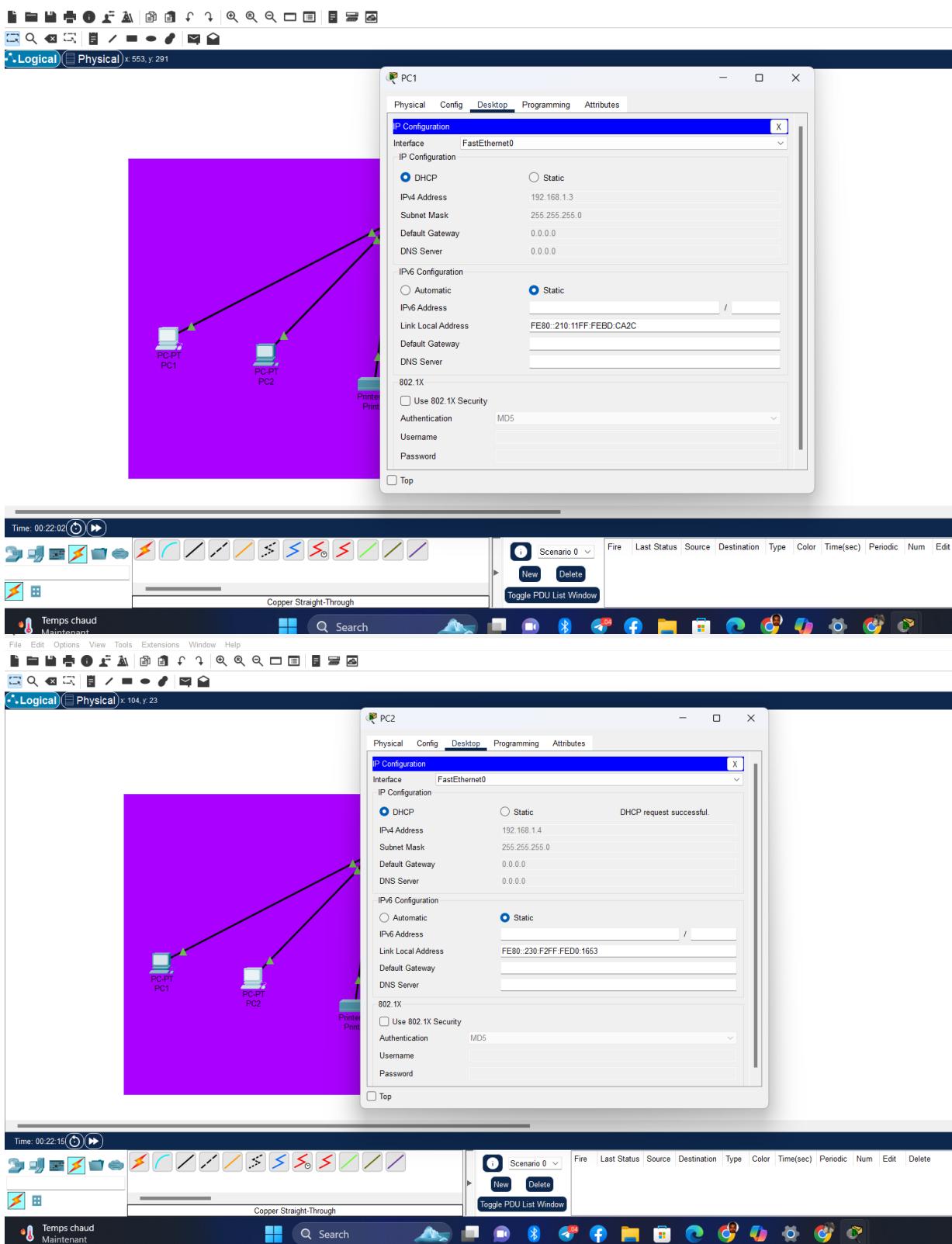


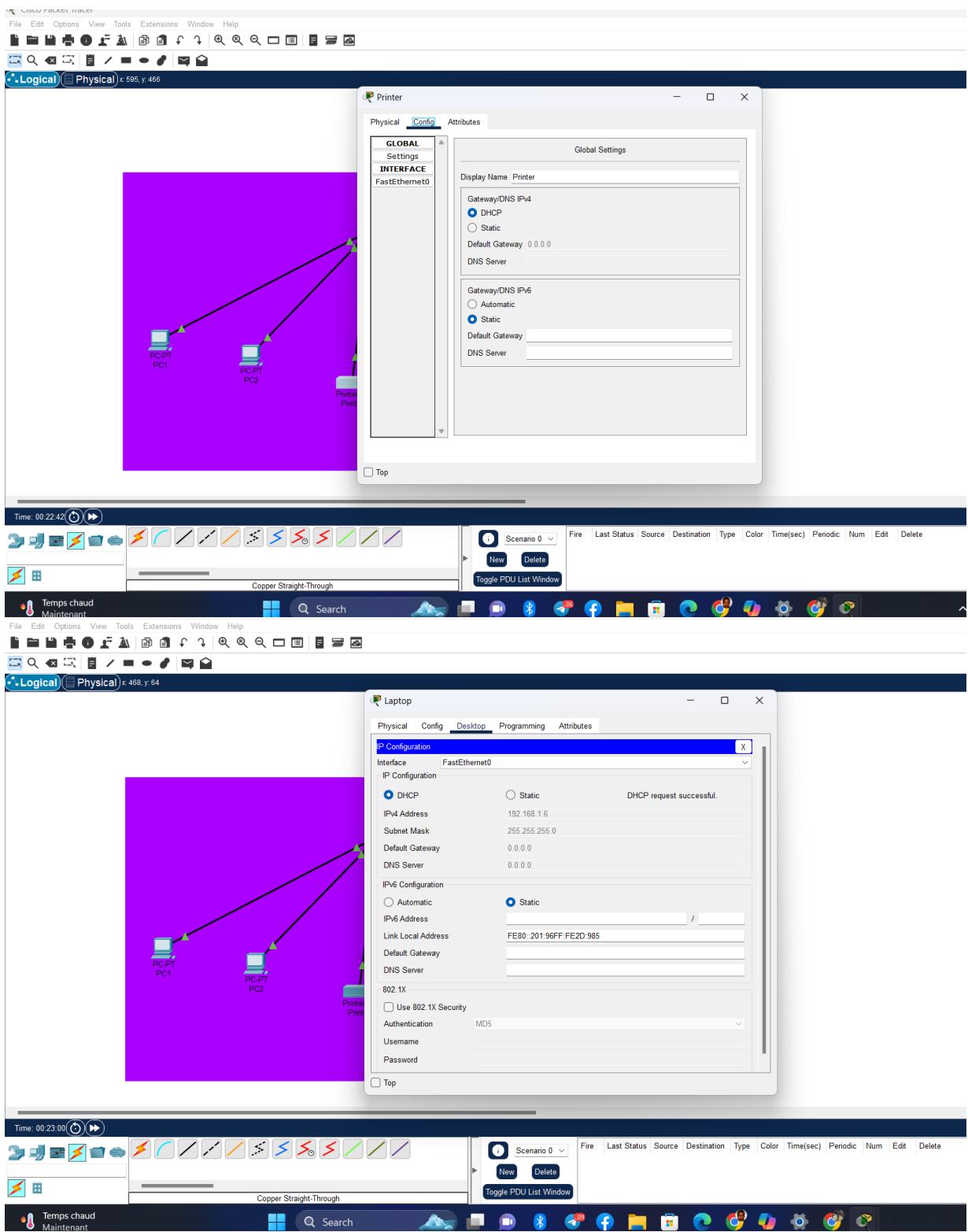
2. Reproduisez cette topologie en configurant le serveur DHCP.

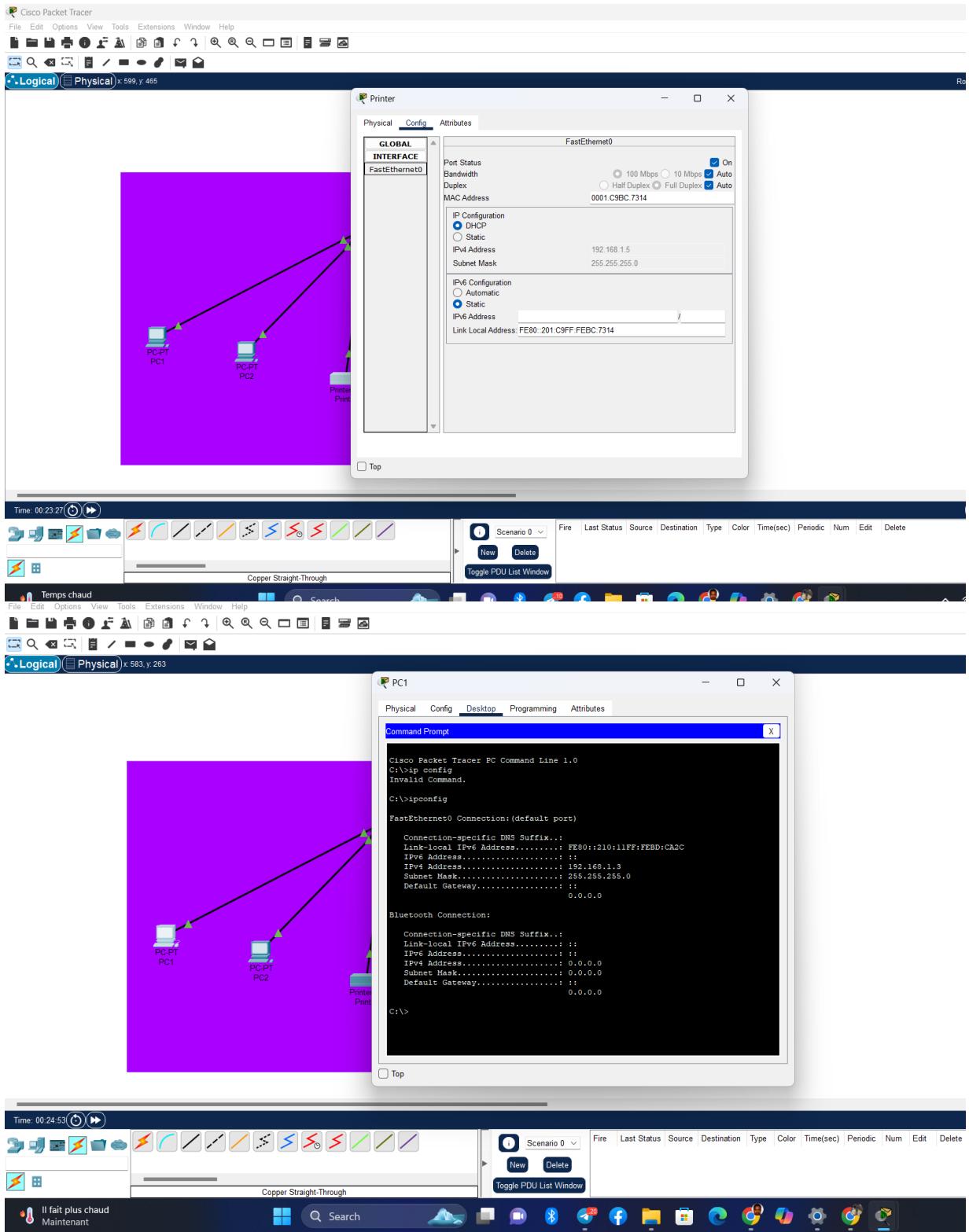




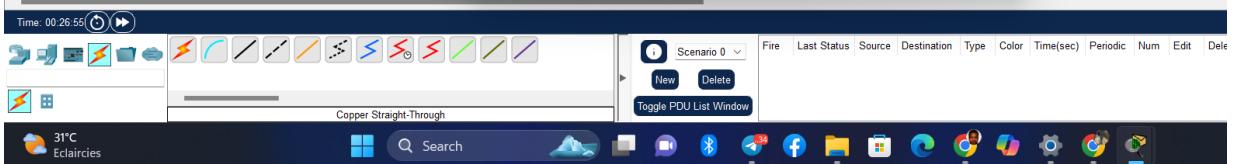
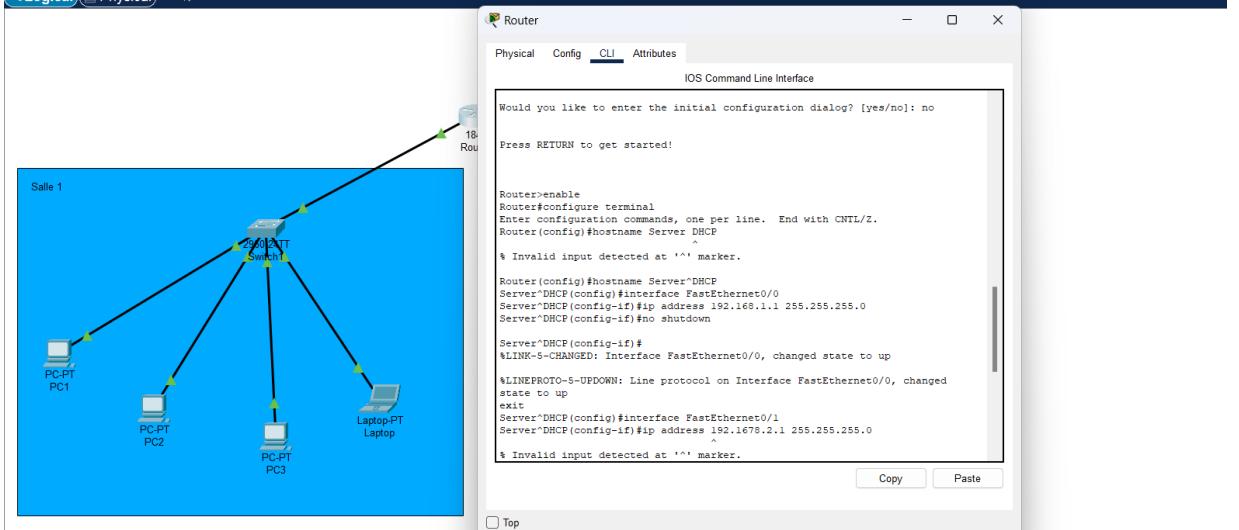
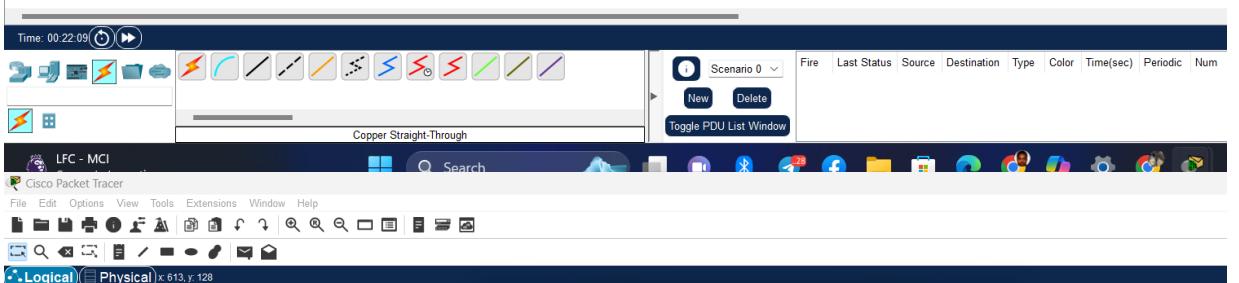
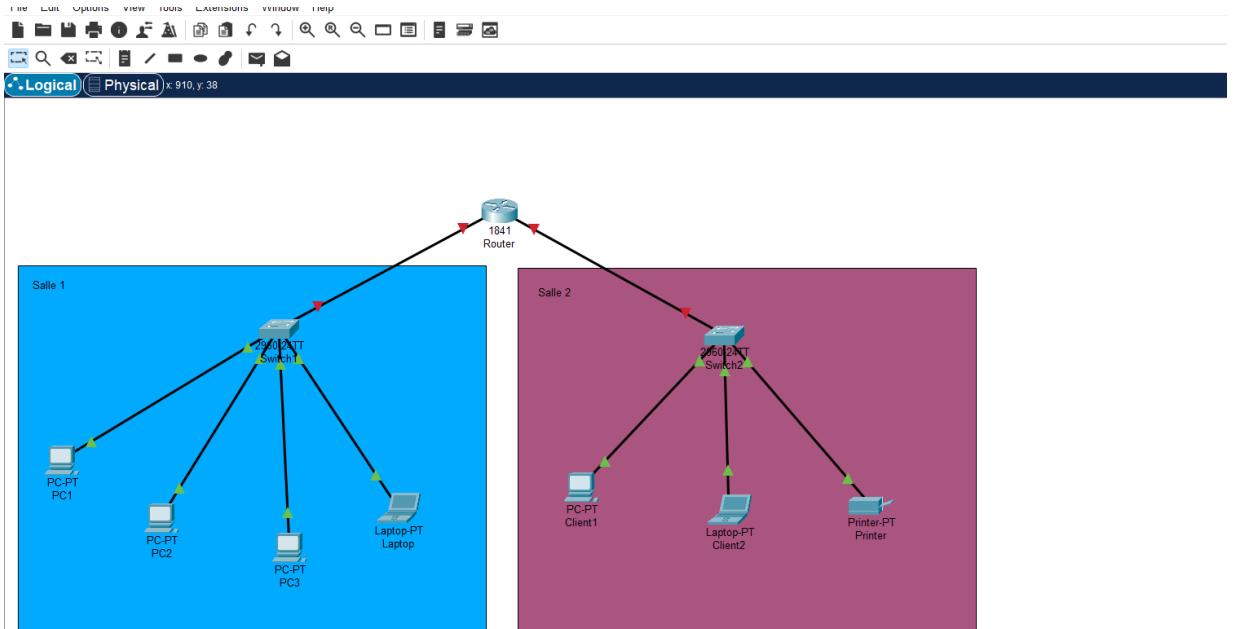


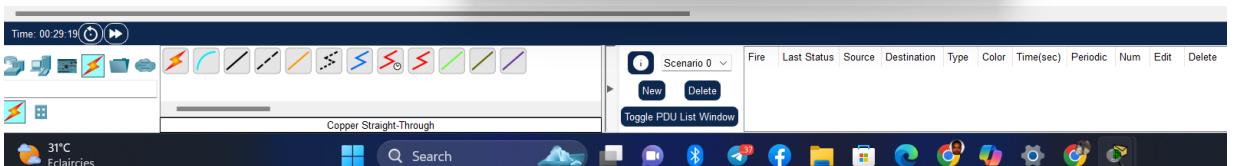
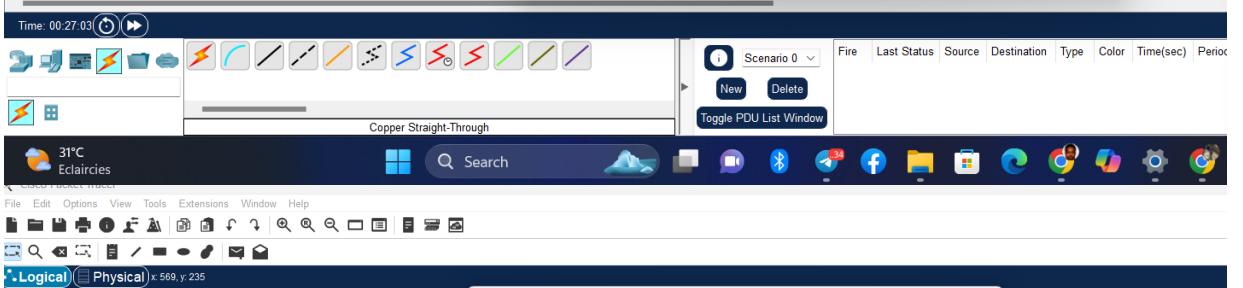
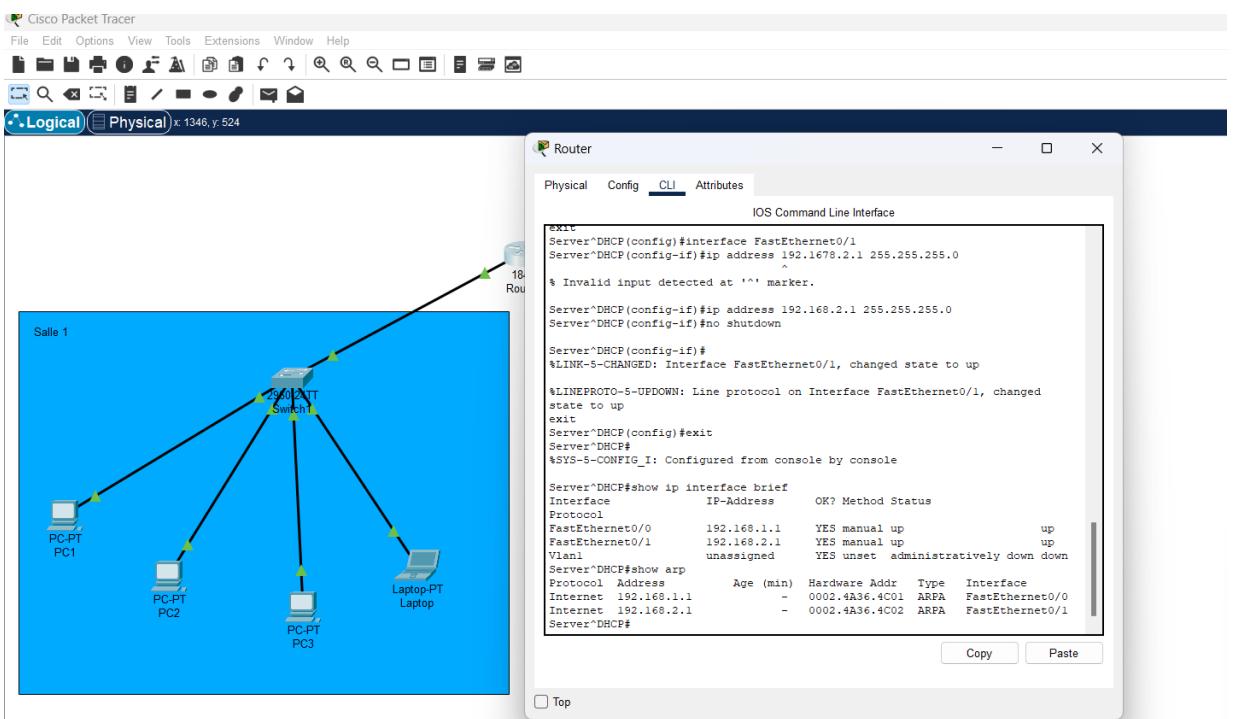


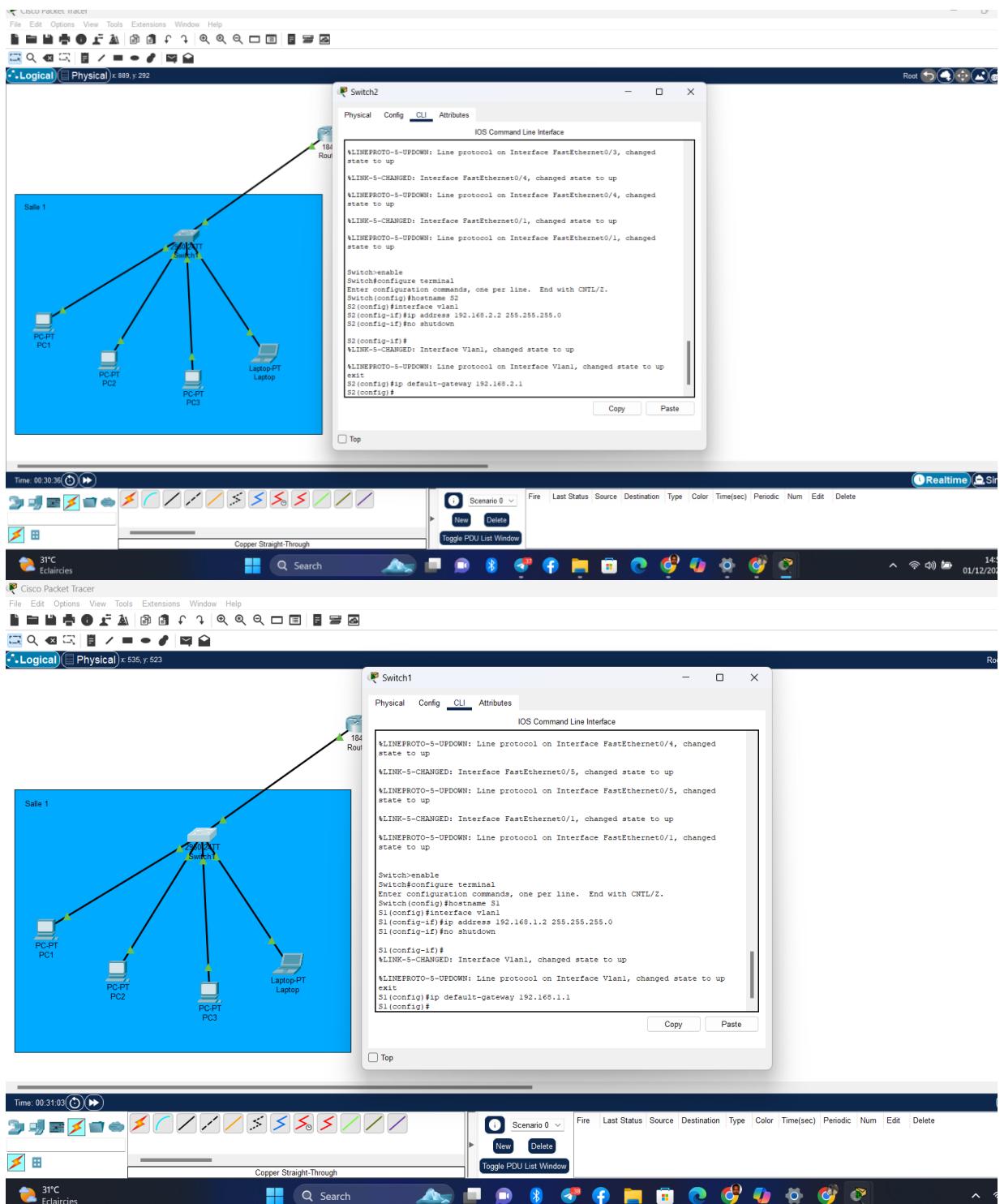


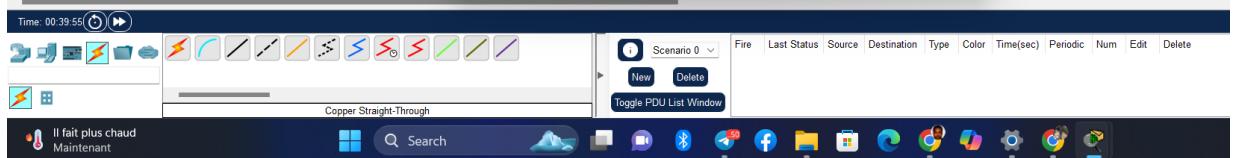
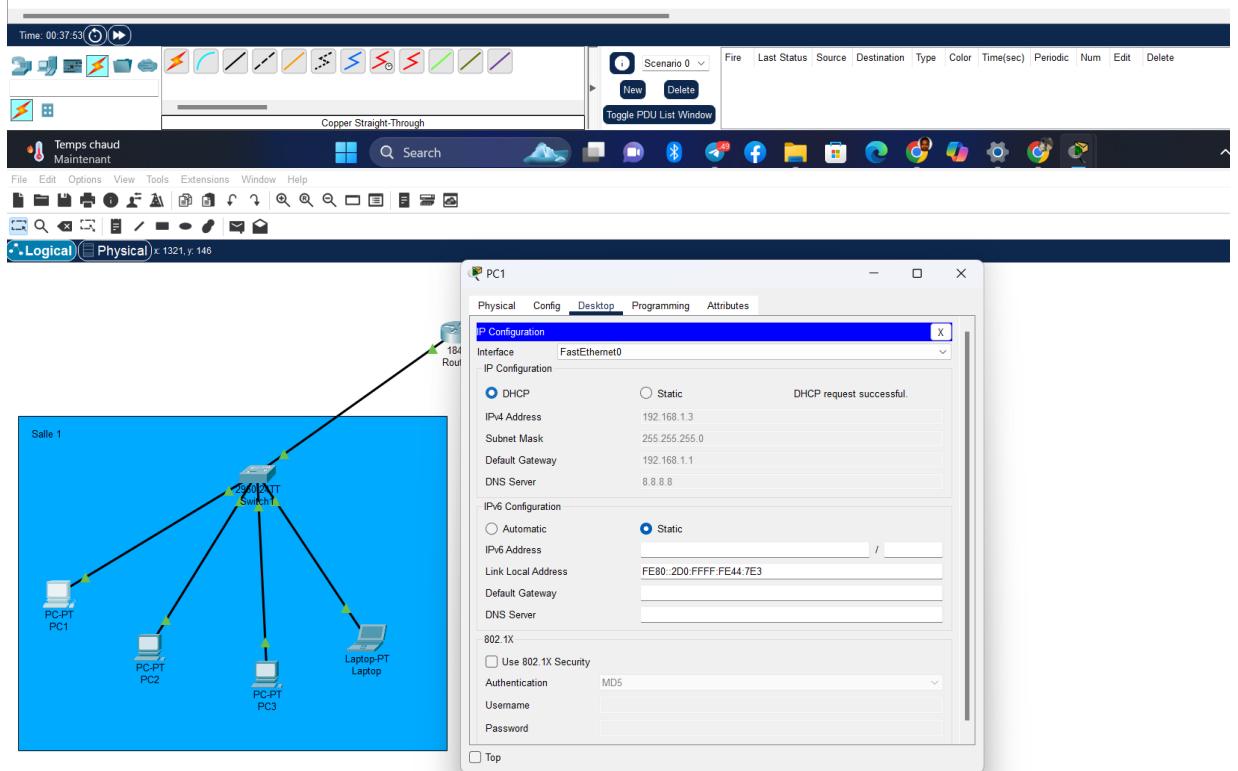
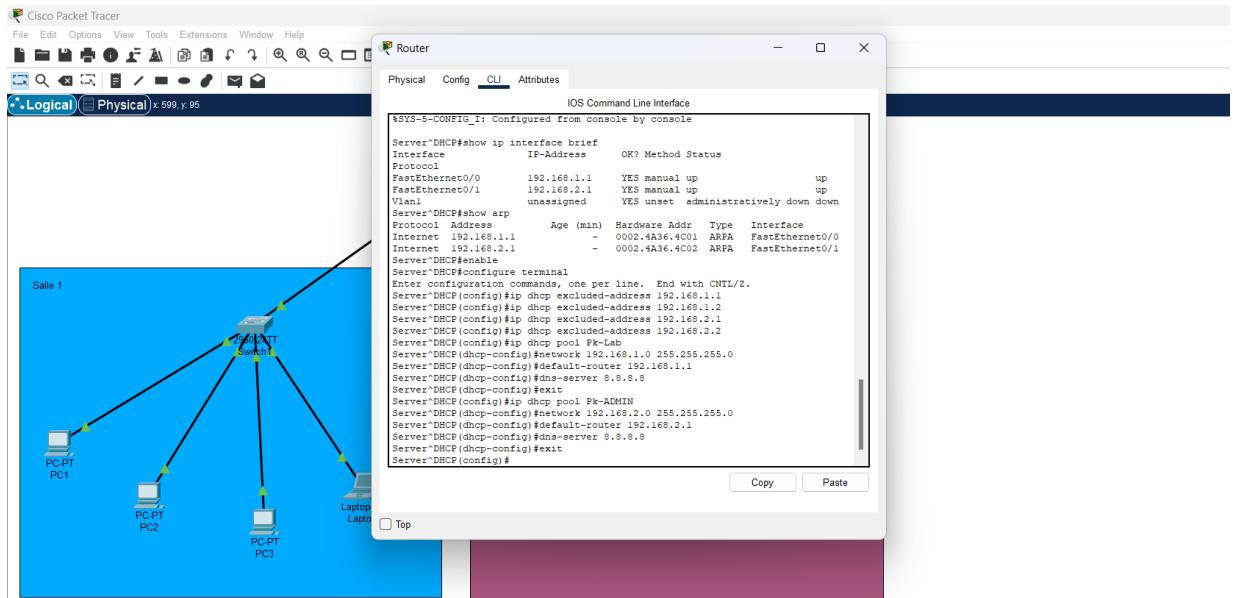


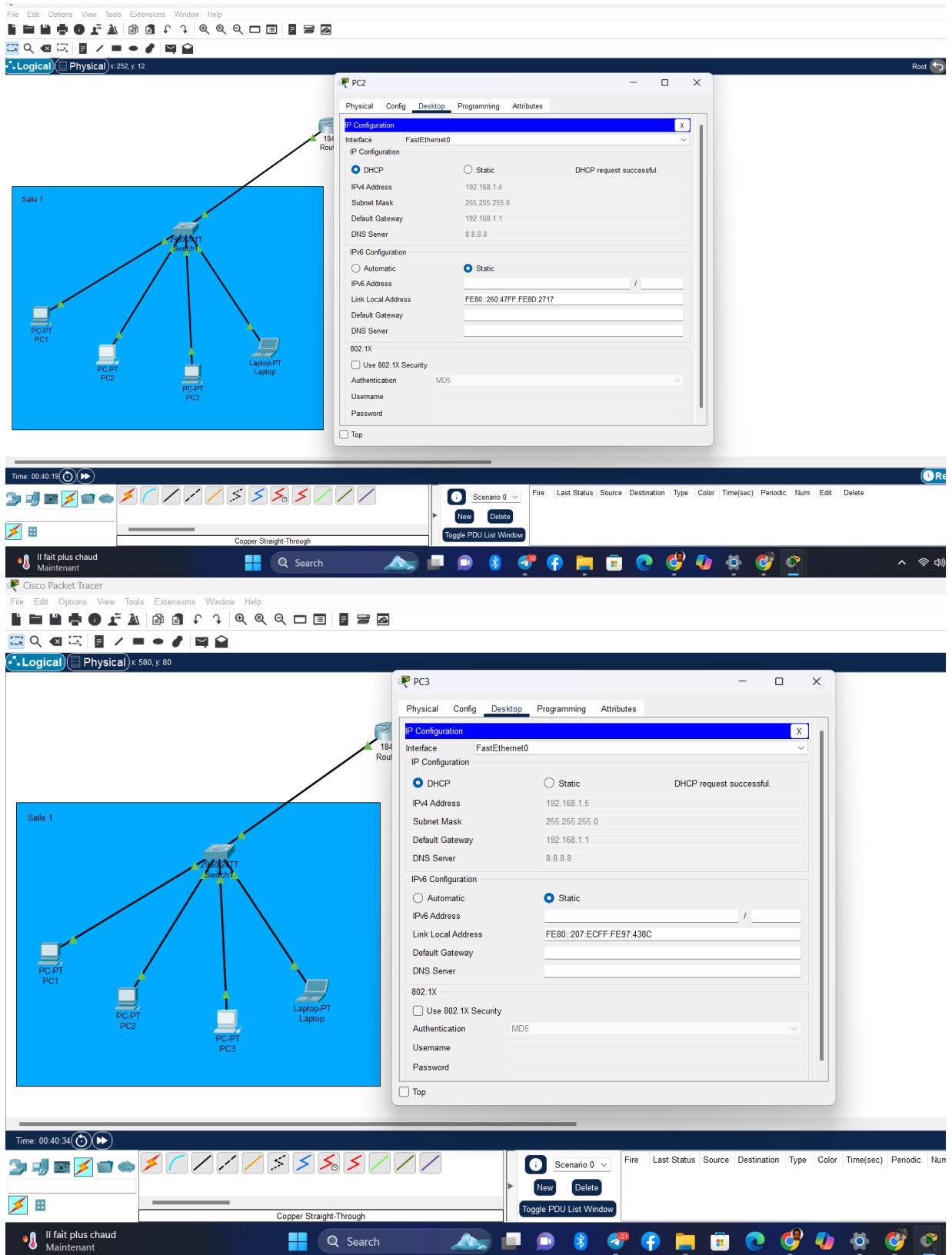
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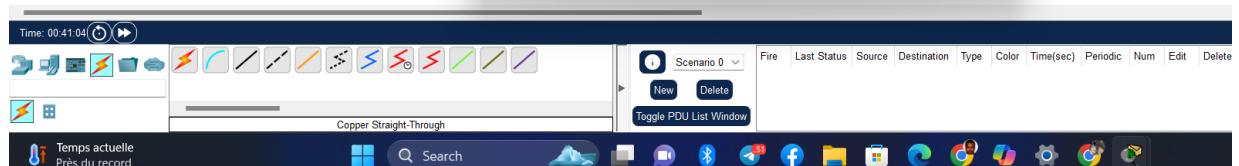
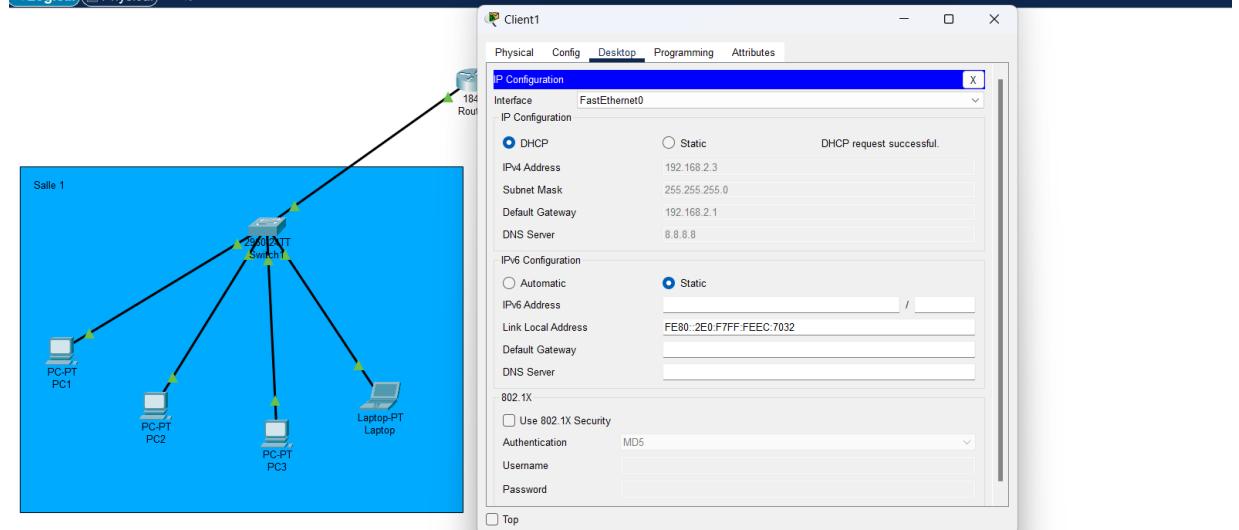
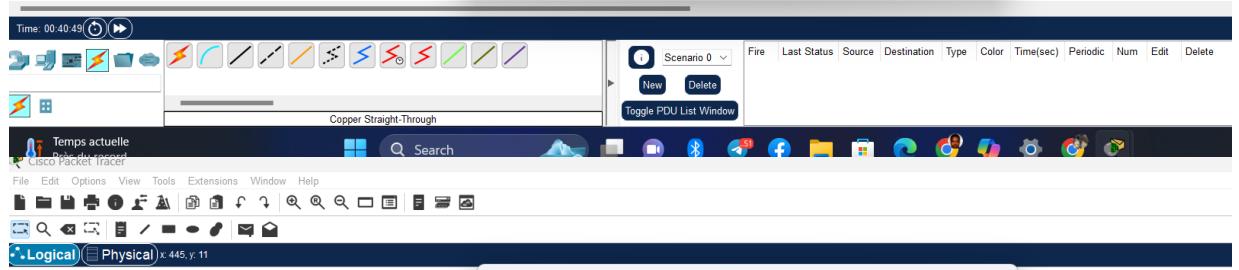
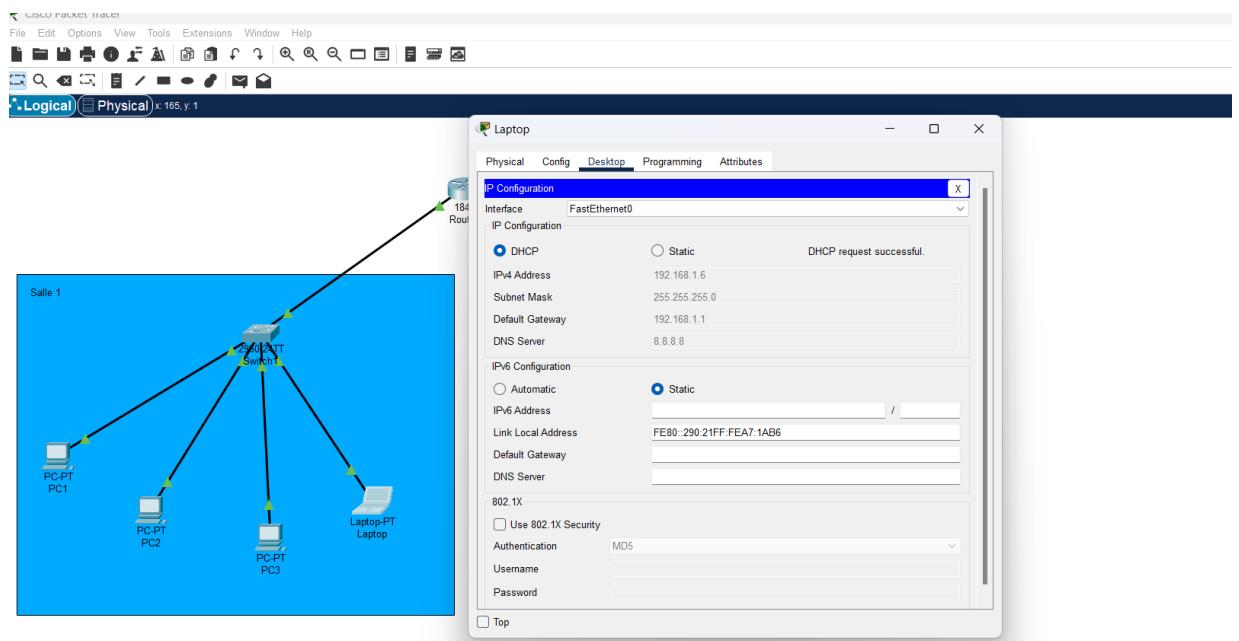


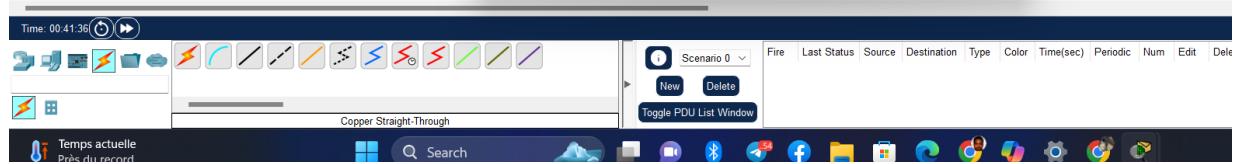
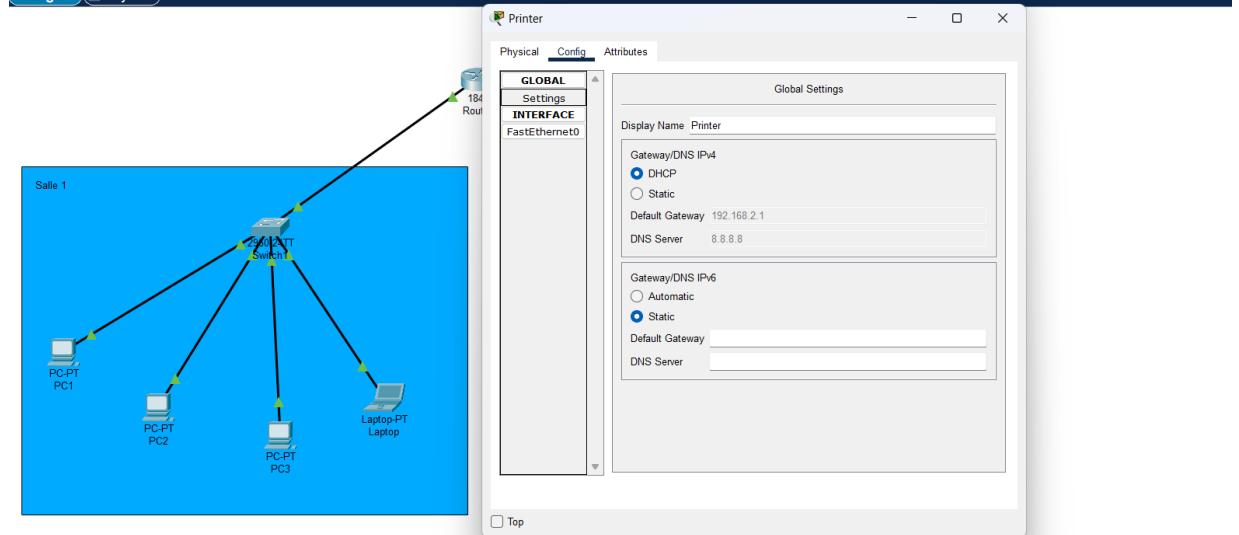
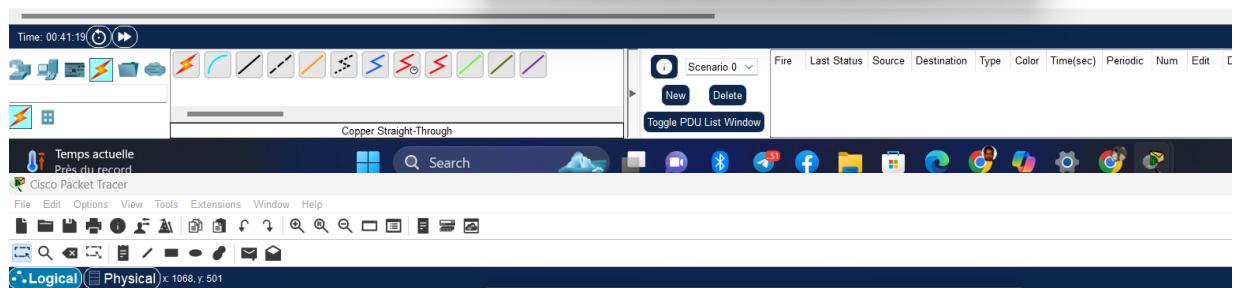
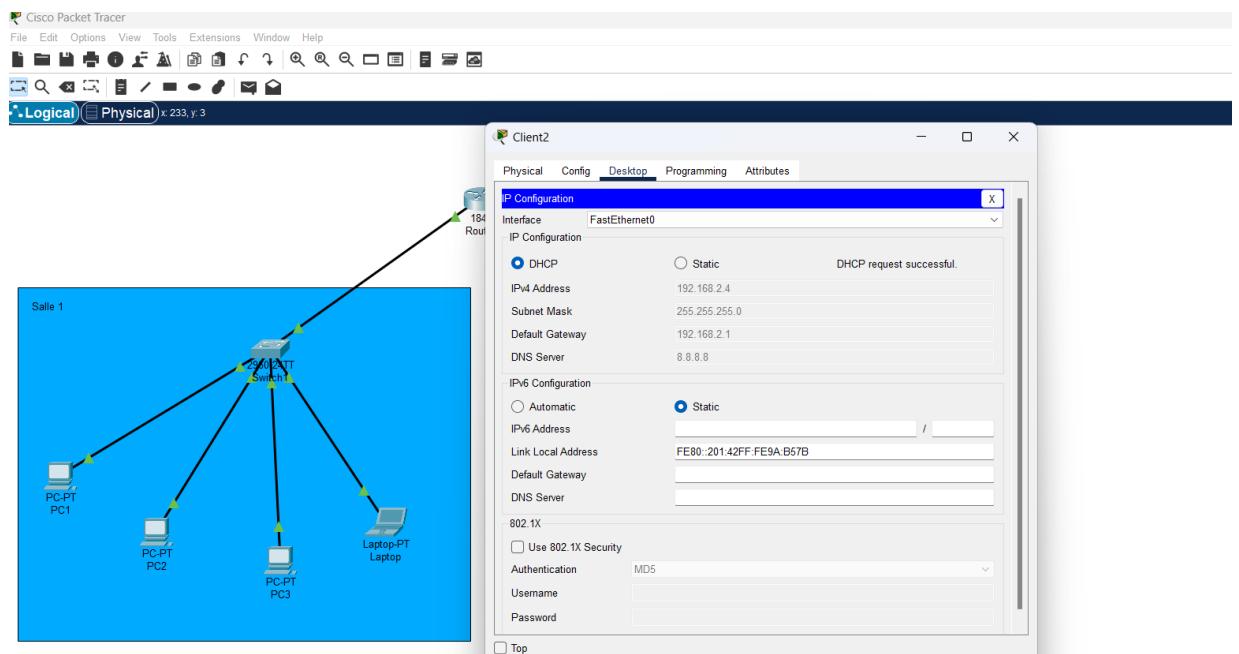


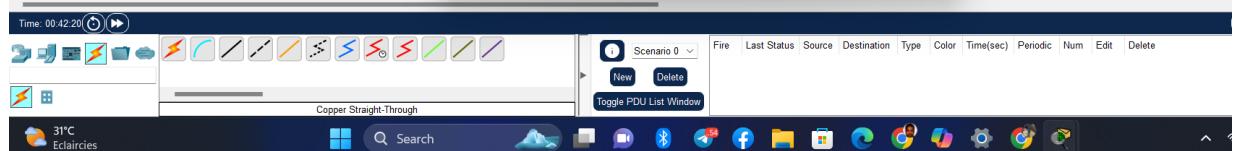
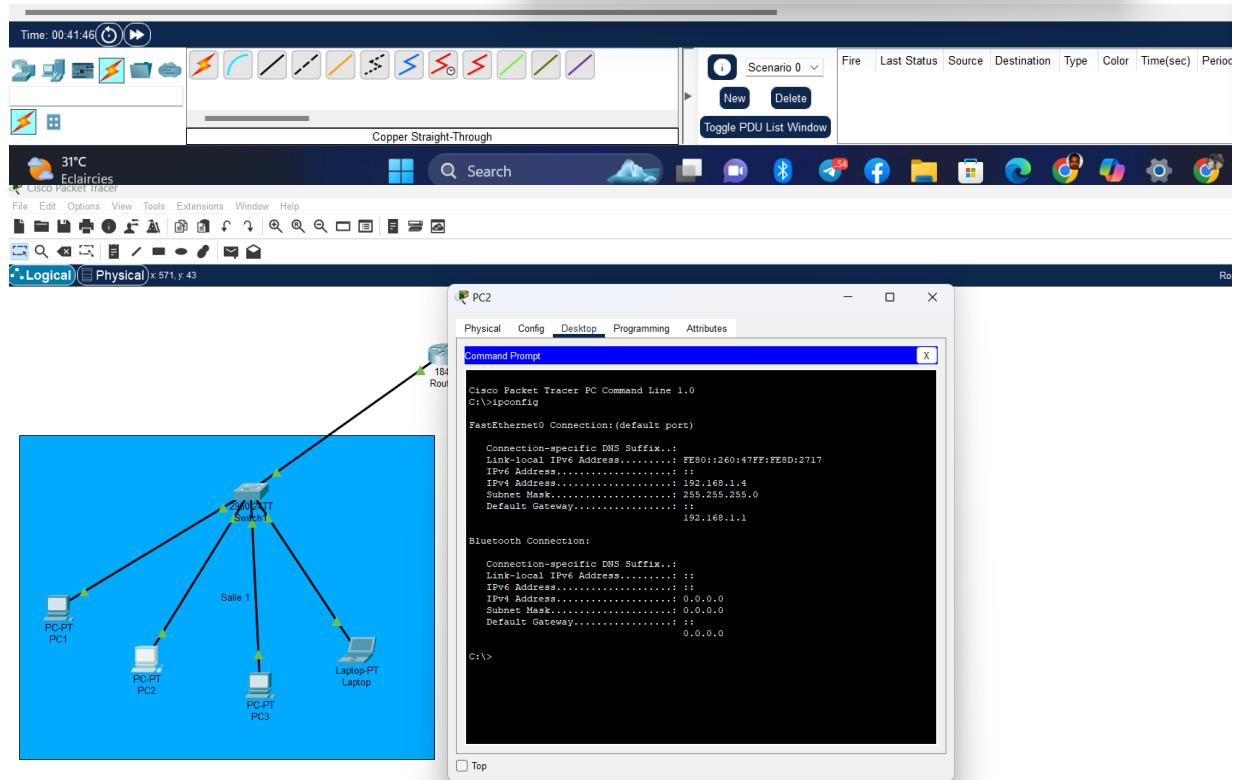
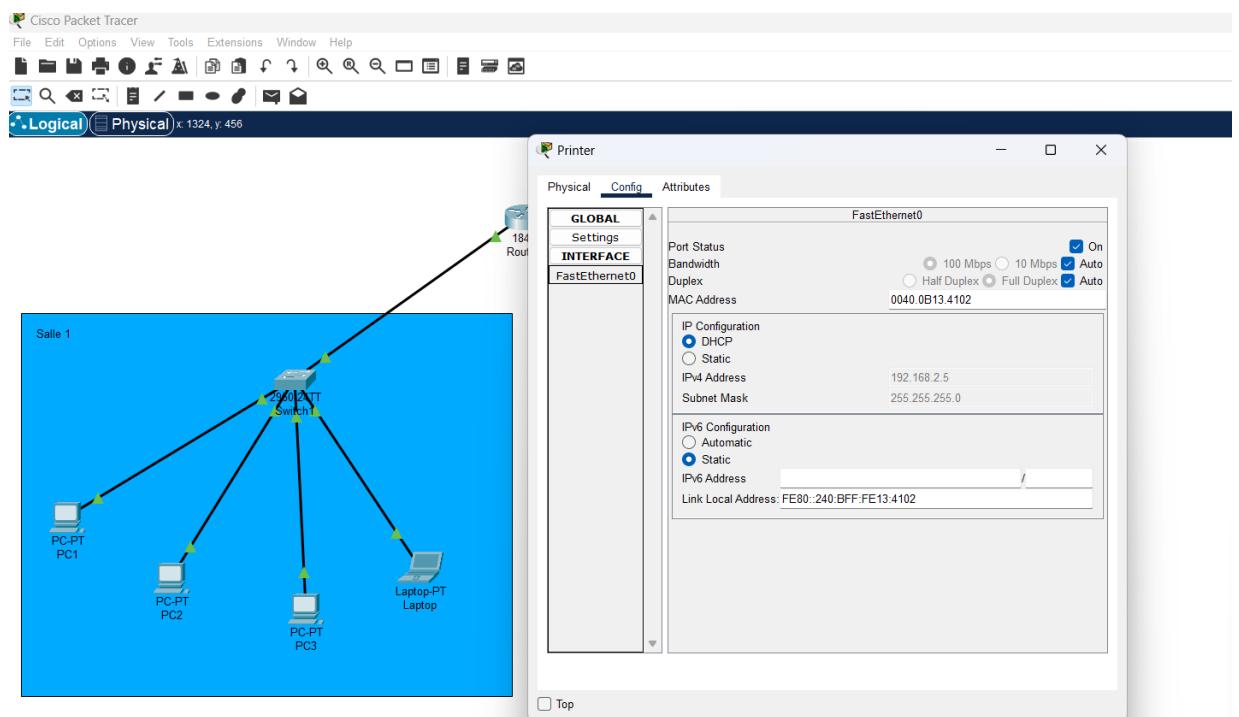


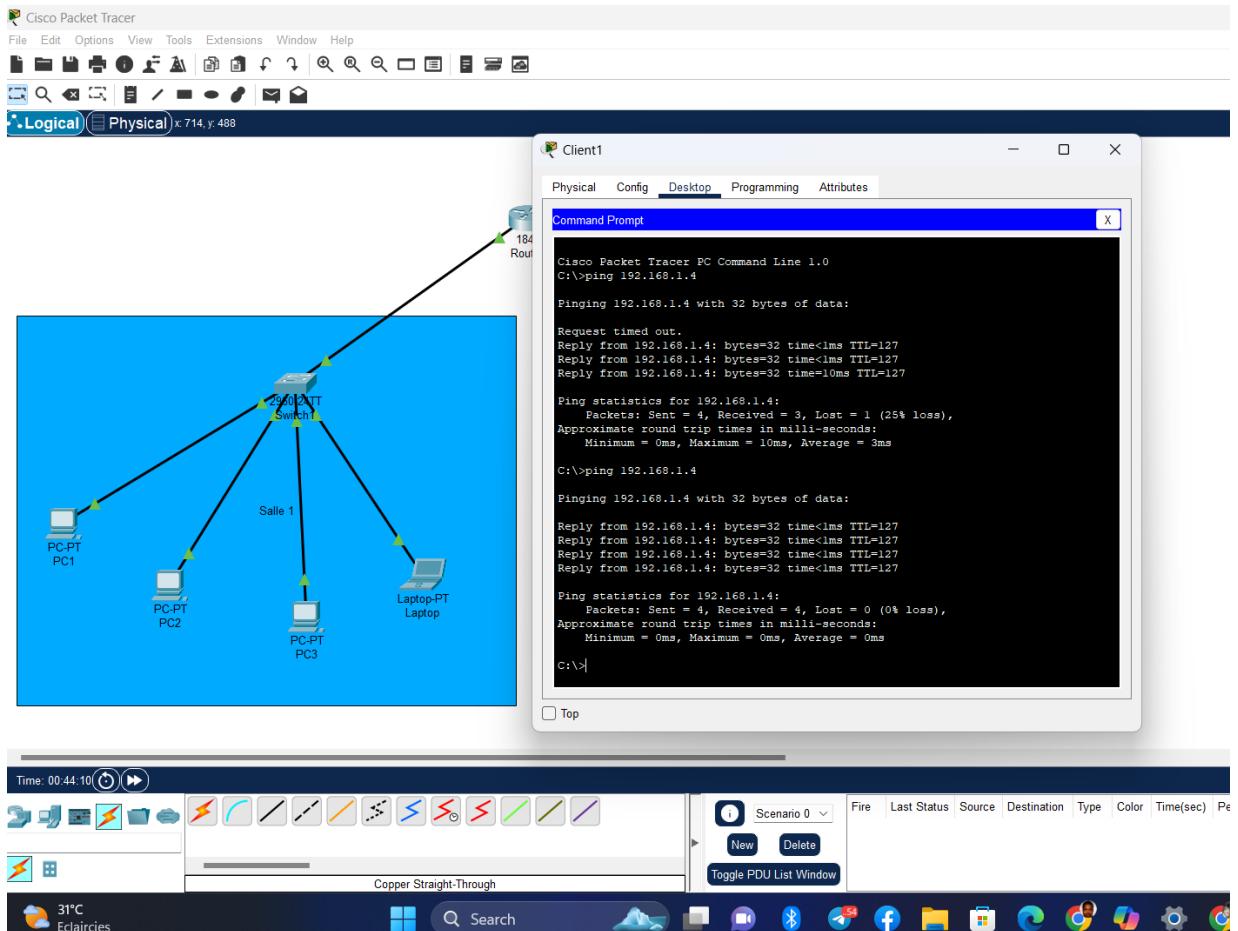




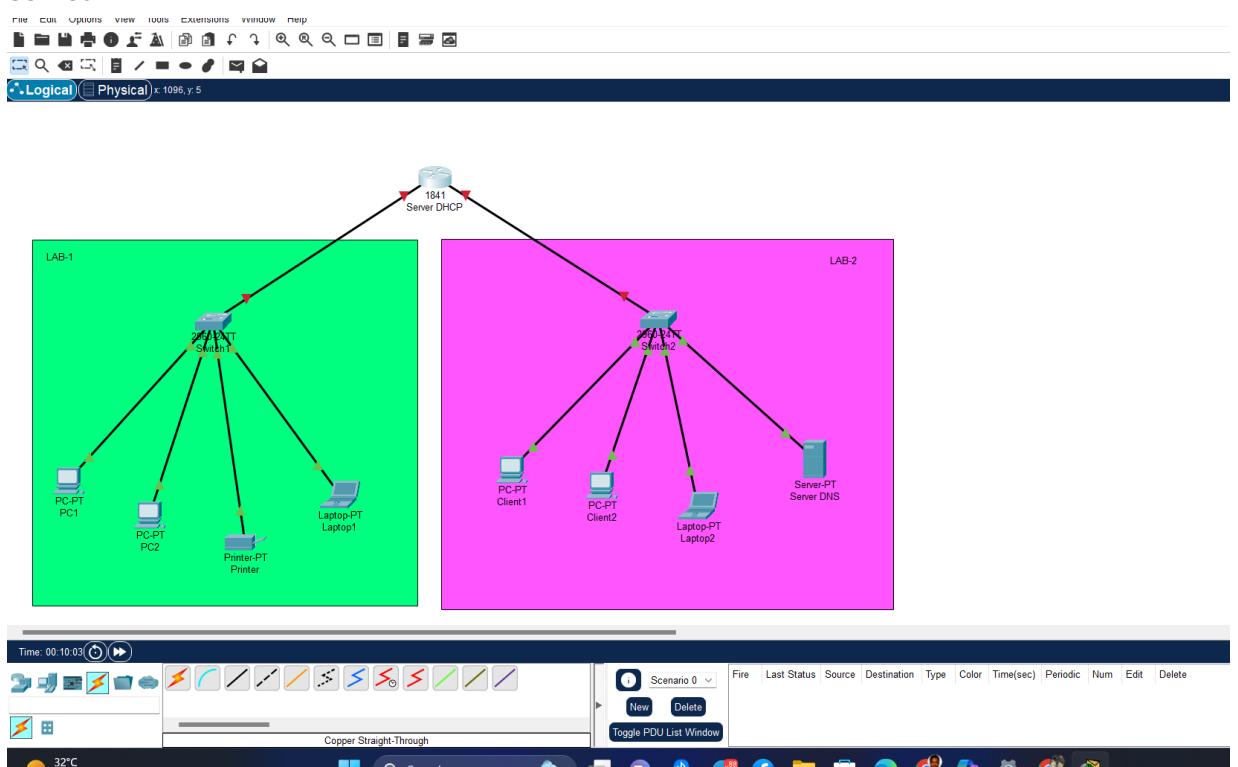


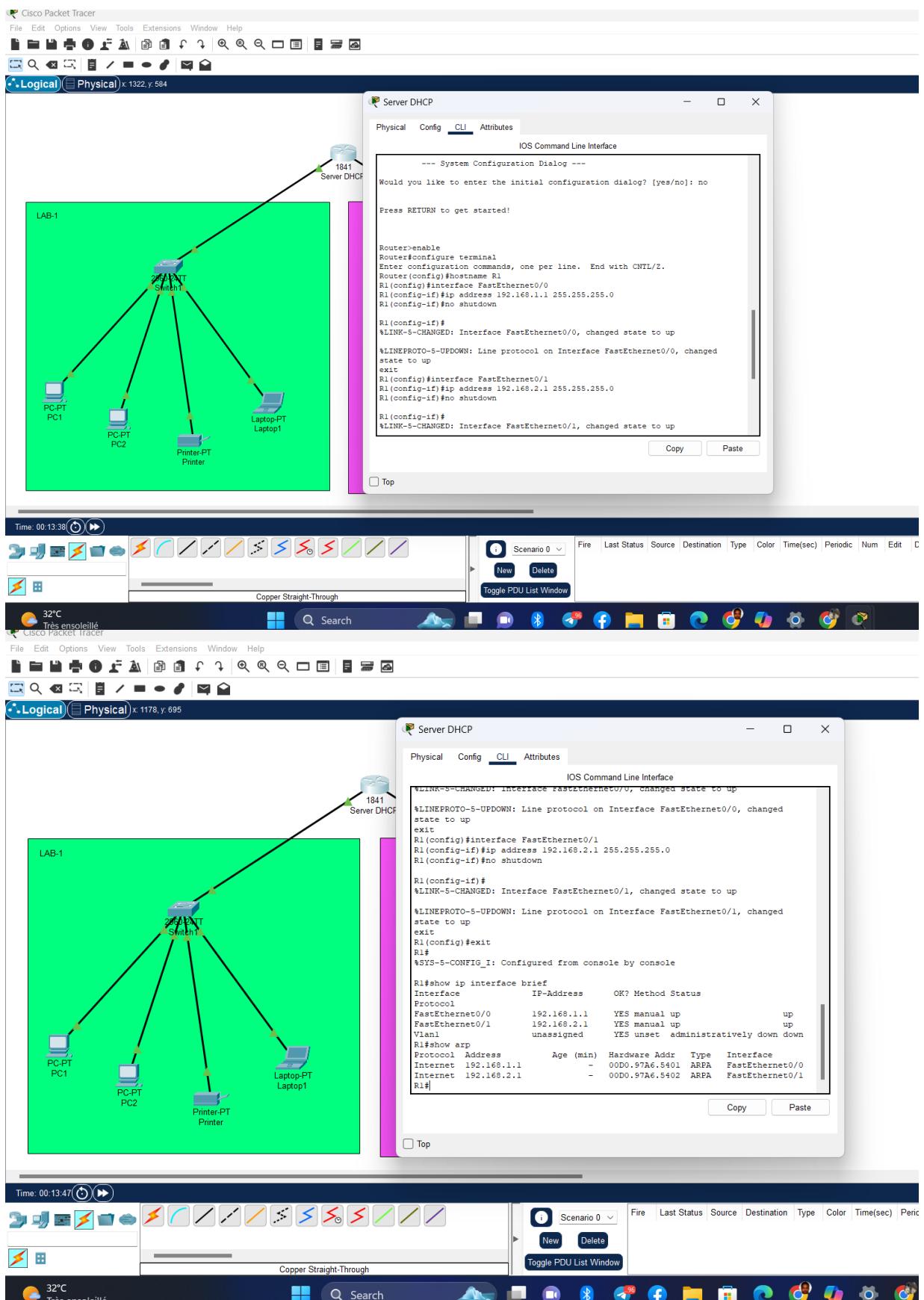


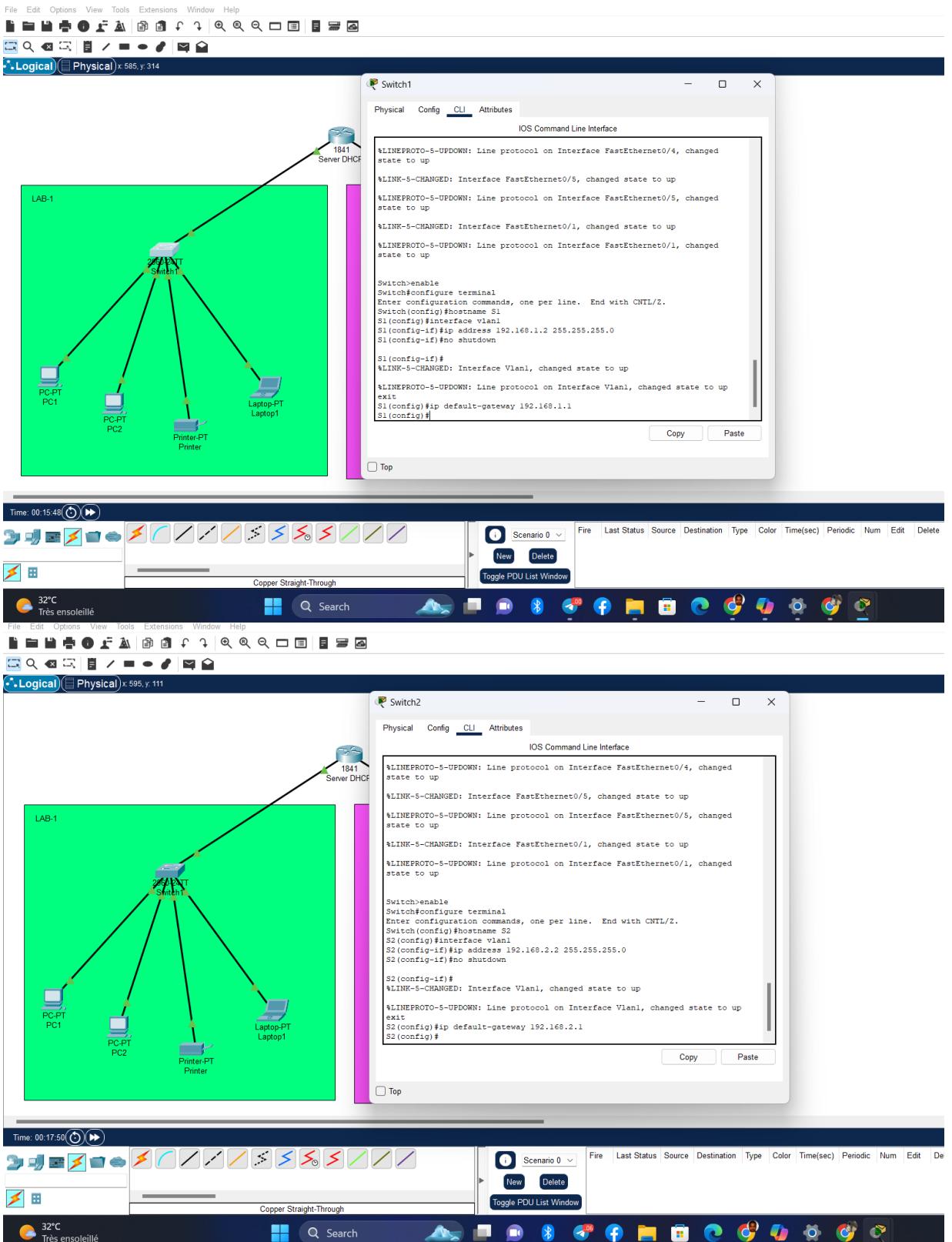


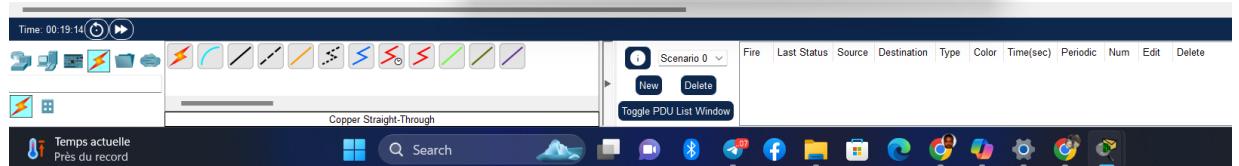
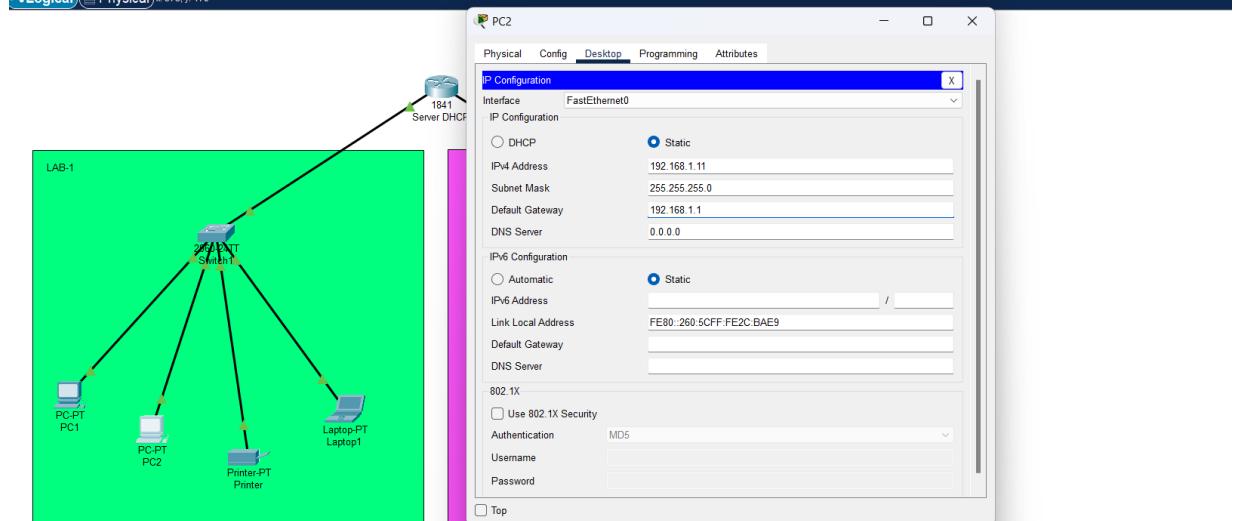
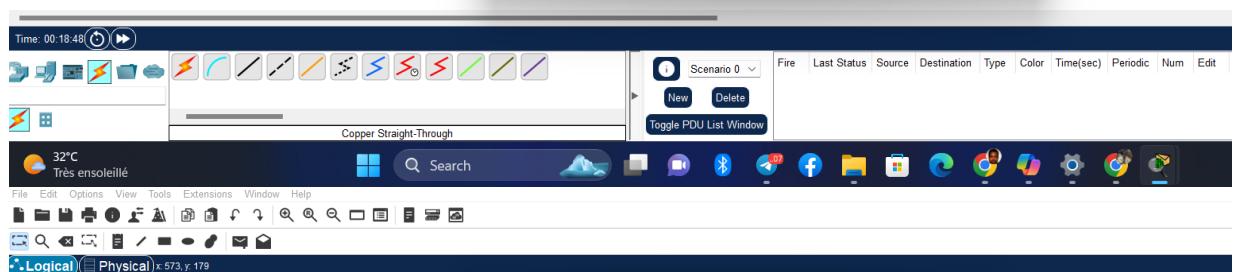
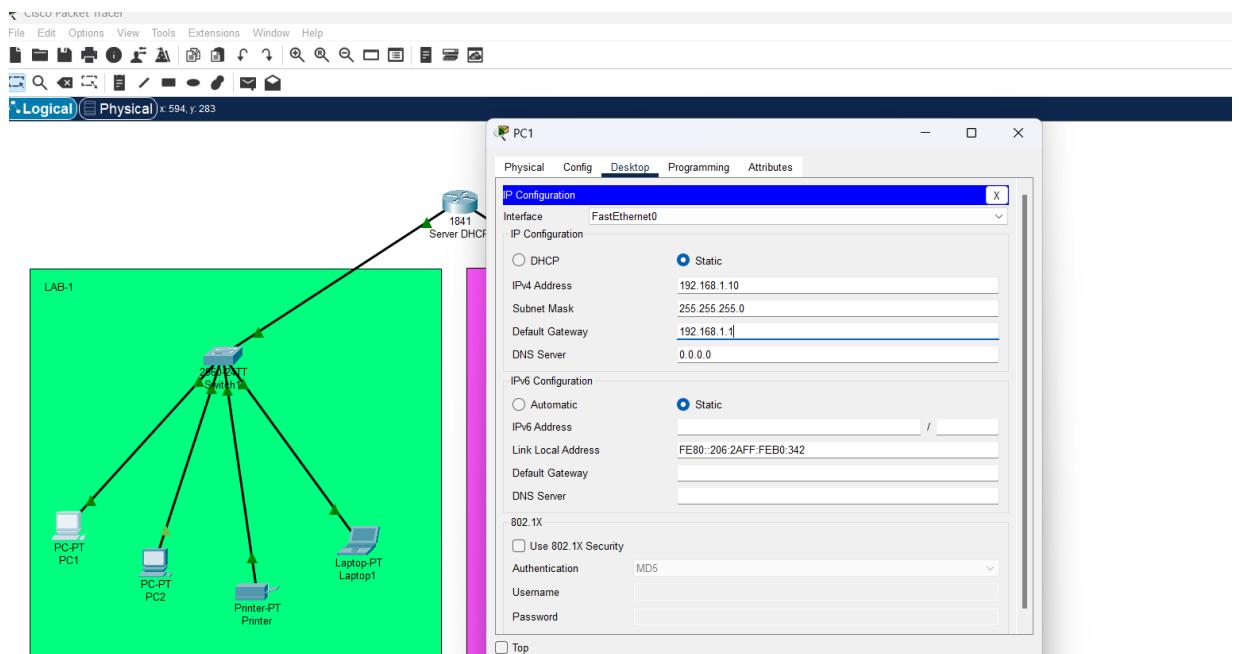


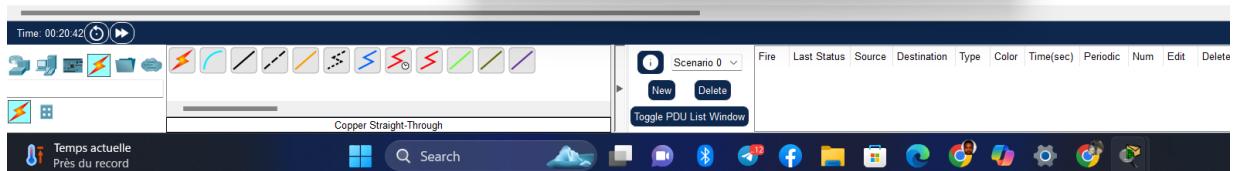
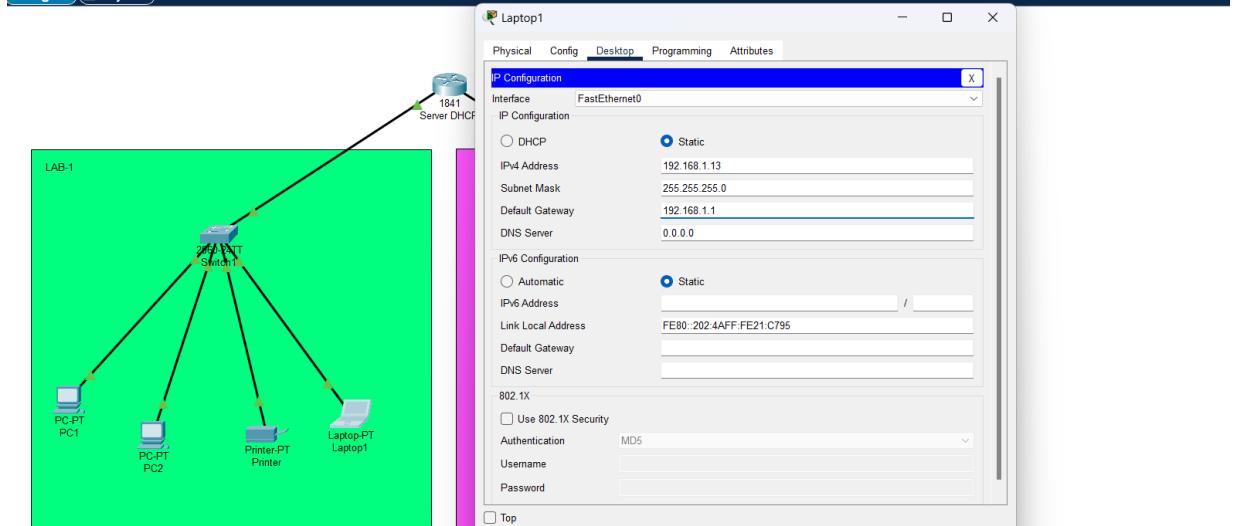
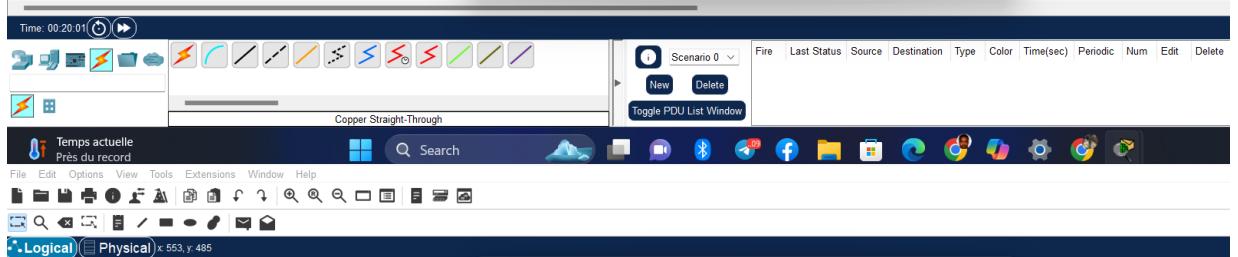
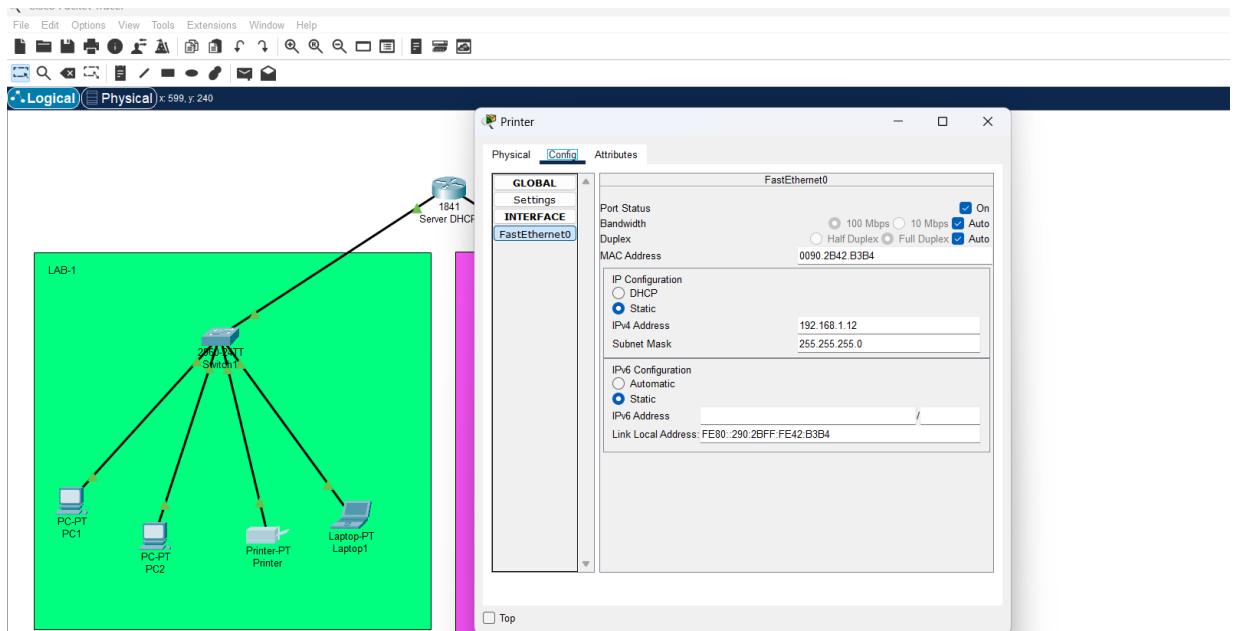
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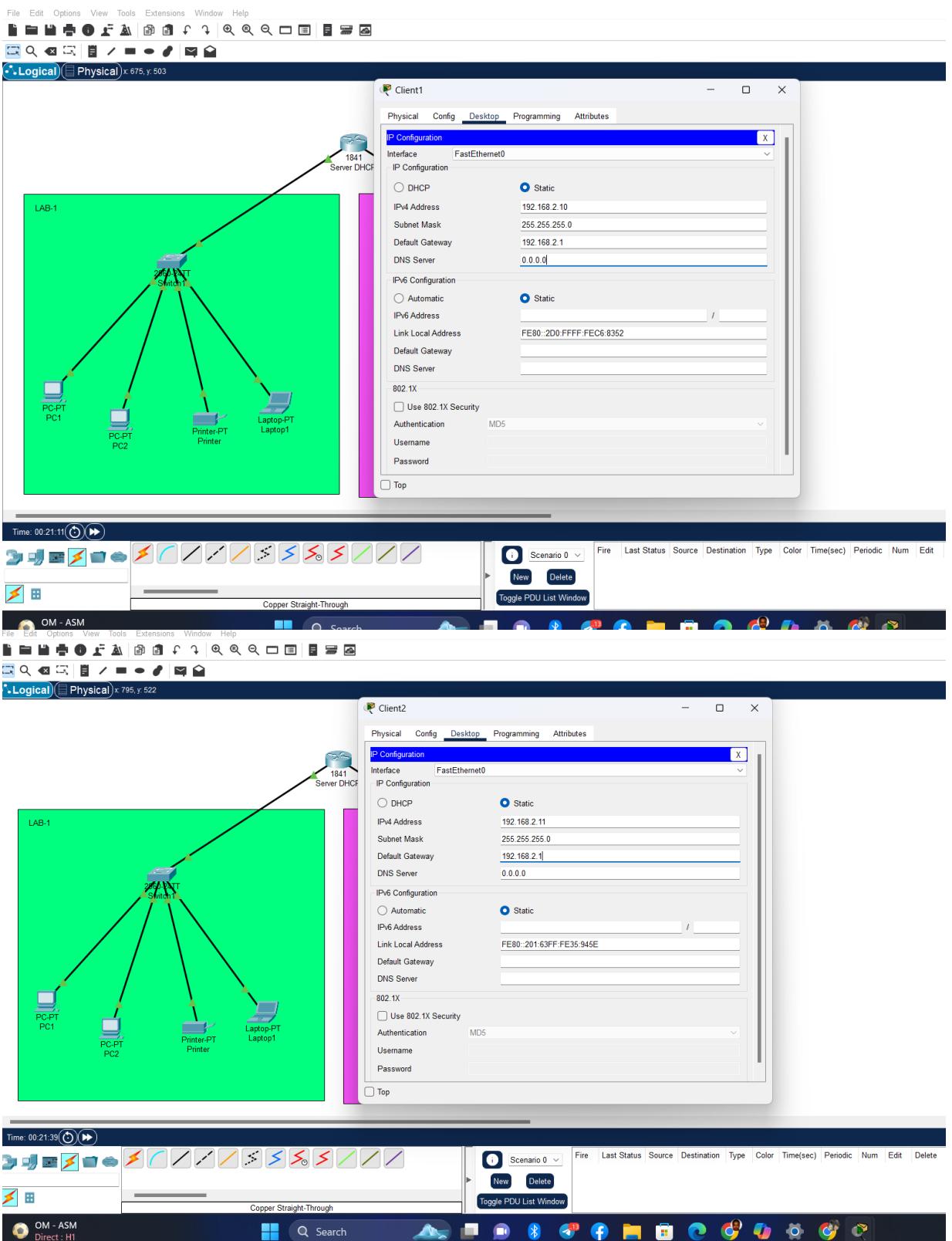












File Edit Options View Tools Extensions Window Help

Logical Physical x: 940, y: 531

Laptop2

Physical Config Desktop Programming Attributes

IP Configuration

Interface: FastEthernet0

IP Configuration: Static

IPv4 Address: 192.168.2.12
Subnet Mask: 255.255.255.0
Default Gateway: 192.168.2.1
DNS Server: 0.0.0.0

IPv6 Configuration: Static
Link Local Address: FE80::202:17FF:FE42:438E

802.1X: Use 802.1X Security (unchecked)

Authentication: MD5

Username:
Password:

Top

Time: 00:22:22

OM - ASM Direct: H1

Cisco Packet Tracer

File Edit Options View Tools Extensions Window Help

Logical Physical x: 1078, y: 473

Server DNS

Physical Config Services Desktop Programming Attributes

IP Configuration

IP Configuration: Static

IPv4 Address: 192.168.2.13
Subnet Mask: 255.255.255.0
Default Gateway: 192.168.2.1
DNS Server: 0.0.0.0

IPv6 Configuration: Static
Link Local Address: FE80::201:43FF:FEB0:E6BA

802.1X: Use 802.1X Security (unchecked)

Authentication: MD5

Username:
Password:

Top

Time: 00:22:53

OM - ASM Direct: H1

