# Institut Universitaire des Sciences

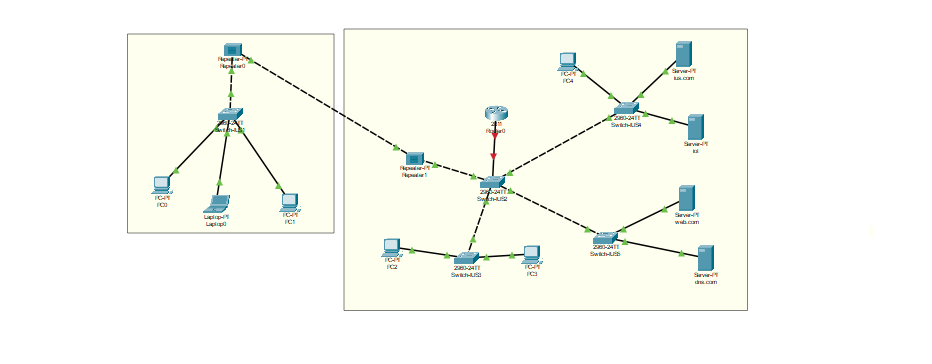
## Faculte des sciences de technologies

### TD 4 Reseau 2

### Preparer par :

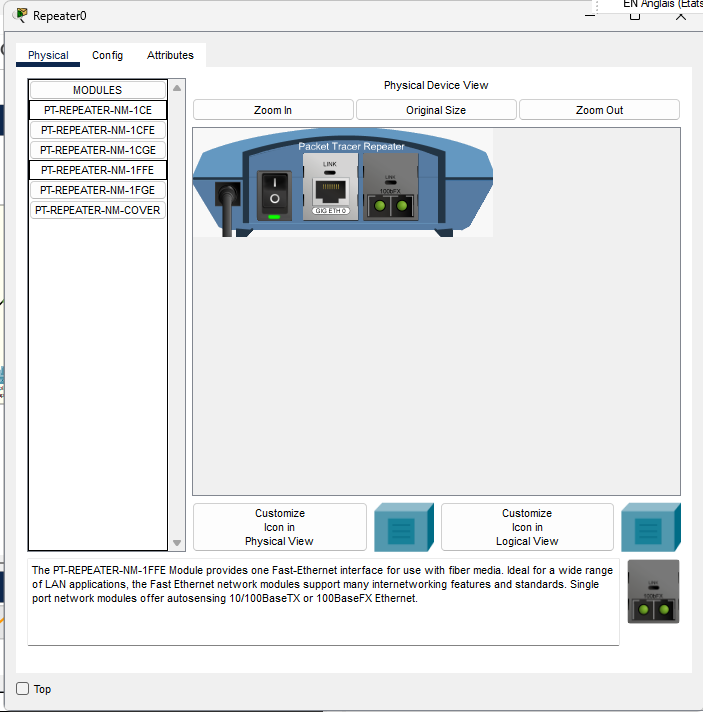
**Nom: PIERRE** **Prenom: Yann Lelay** **Niveau: L3 - Sciences Informatiques**

# 1. Reproduisez cette topologie en configurant le NAT du réseau



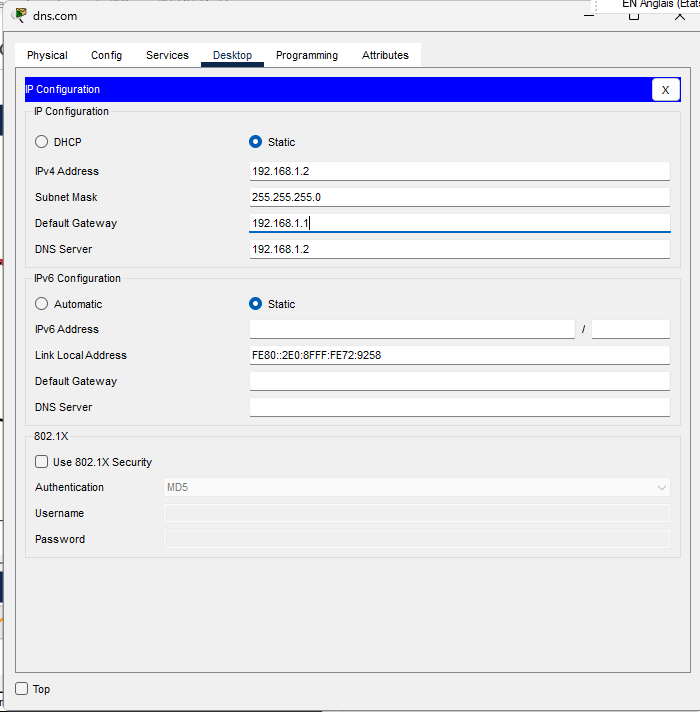
imageTopologie1

## Configuration nat



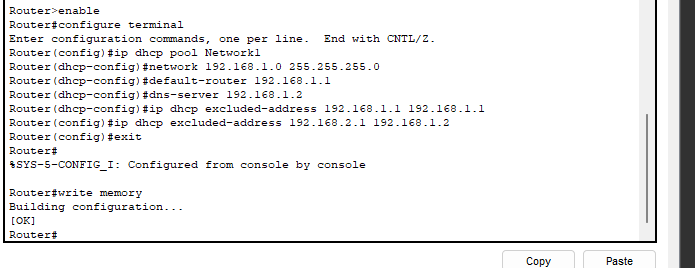
imageConfNat

### DNS



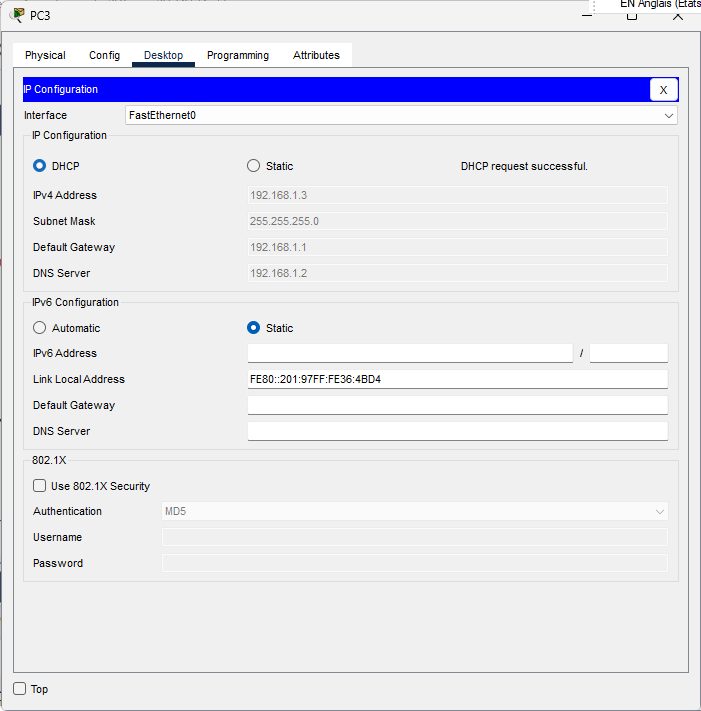
imageConfServeurDNS

### Configuration du serveur DHCP sur le routeur Cisco



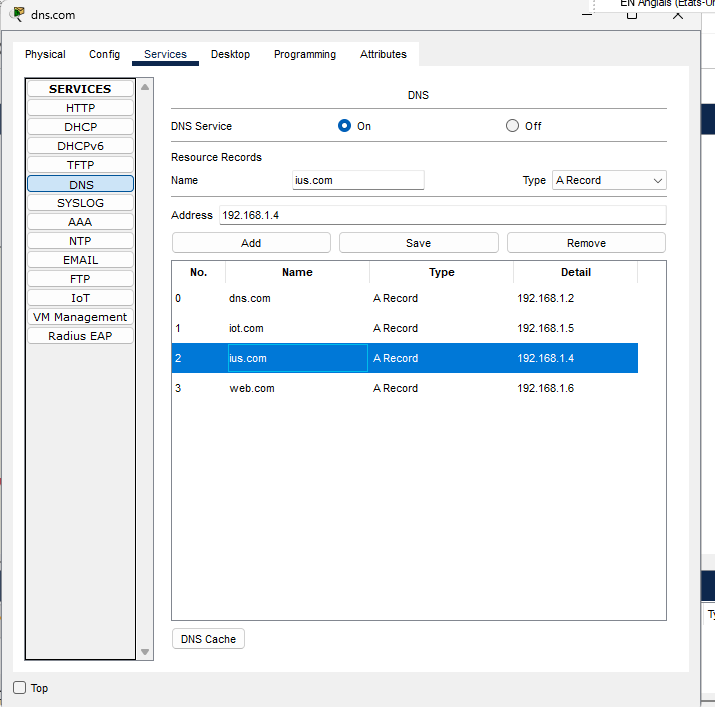
imageConfServeurDNS

### Vérifications des ip



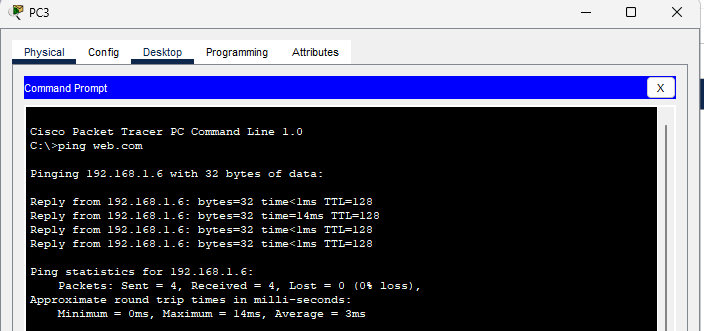
imageConfServeurDNS

## Activé les services dns



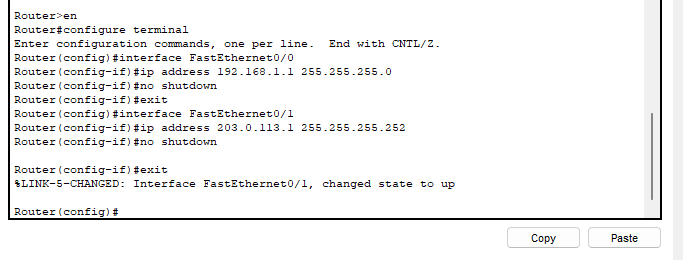
imageConfServeurDNS

### Test



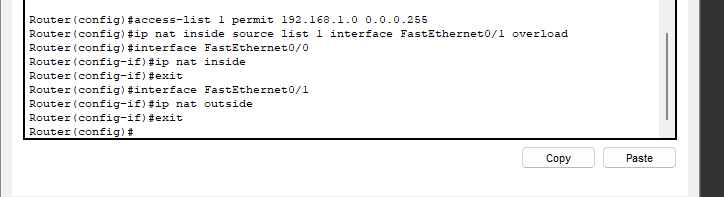
imageTestPing

## Configuration de NAT sur le routeur Cisco :



imageConfNat

## Configuration de NAT dynamique (PAT)

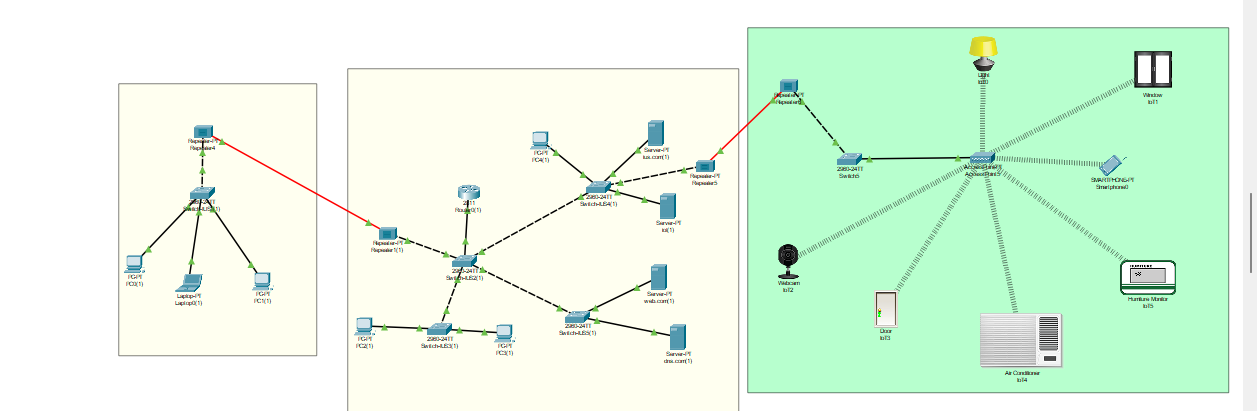


imageConfNatDyN

## Test de connectivité

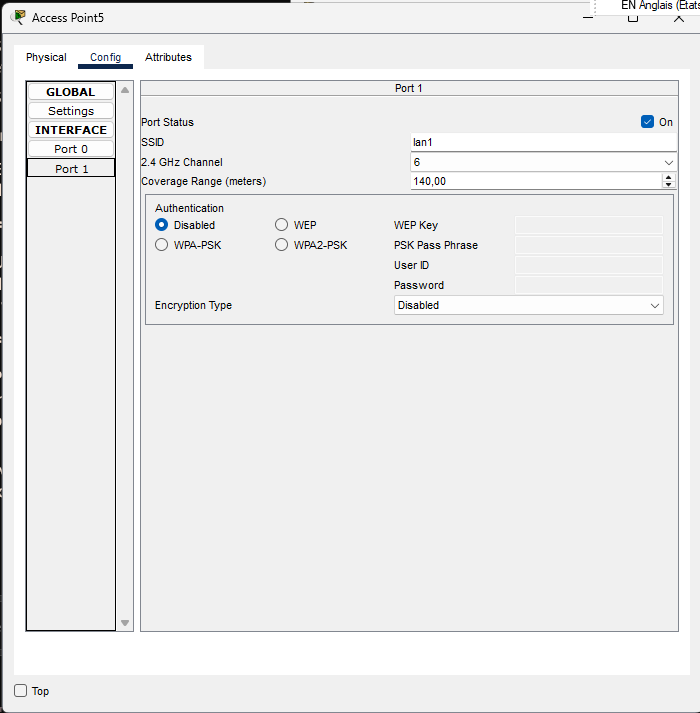
## imageConfTest

# 2. Reproduisez cette topologie en configurant le réseau IoT (Internet des Objets).



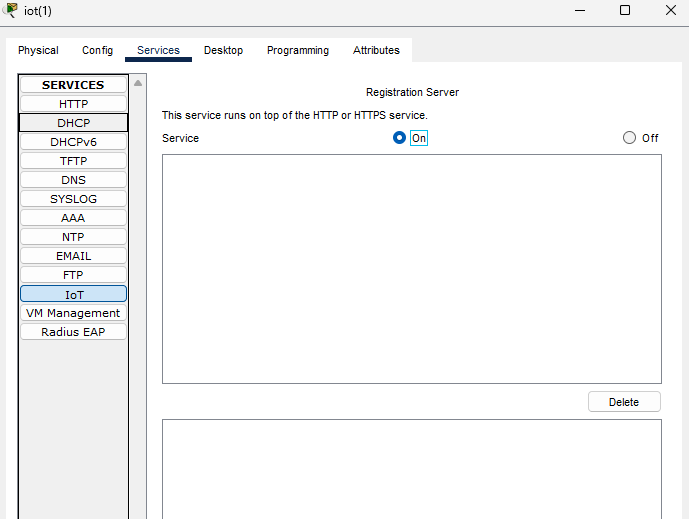
Topologie2

## Configuration du point Acces



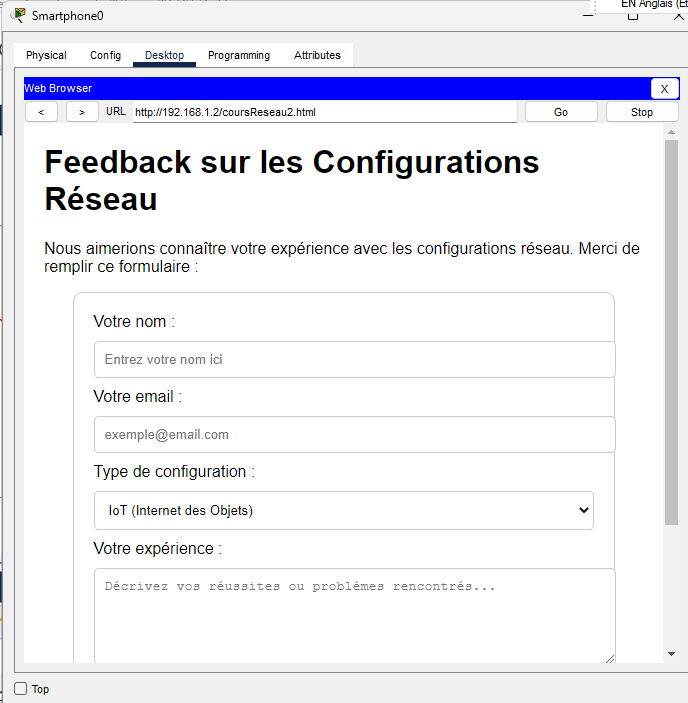
imgConfPT-Acess

## Activation des services IOT



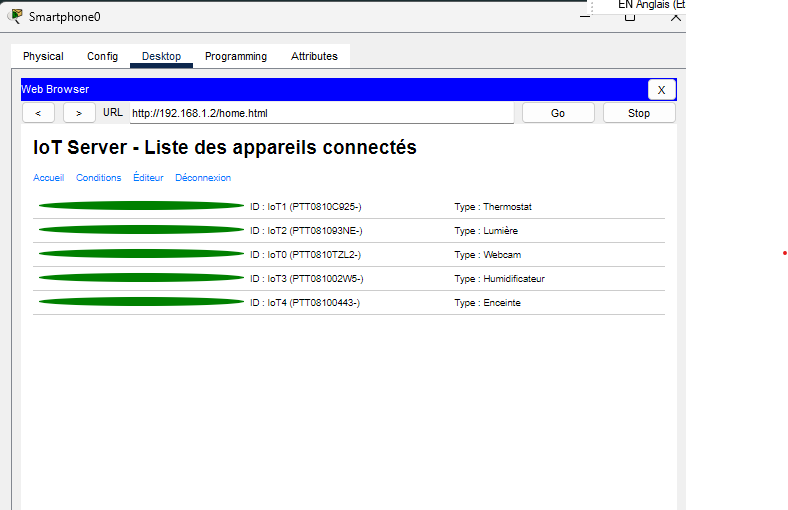
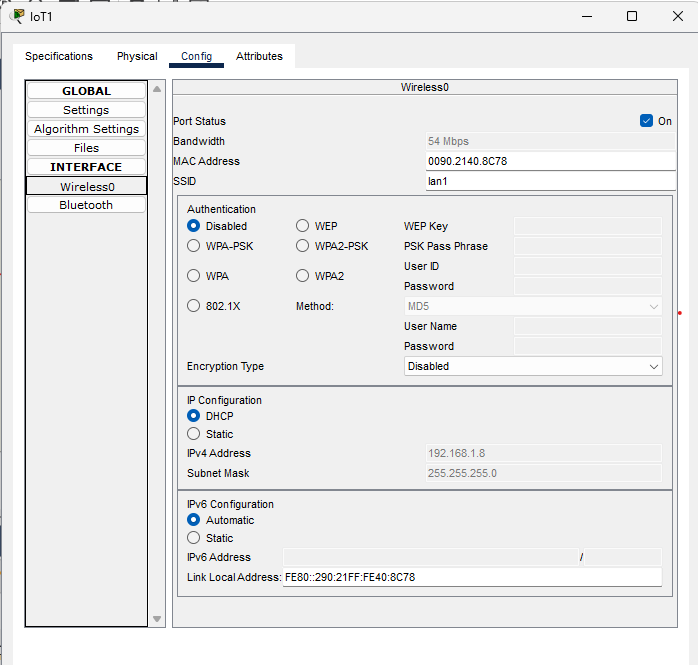
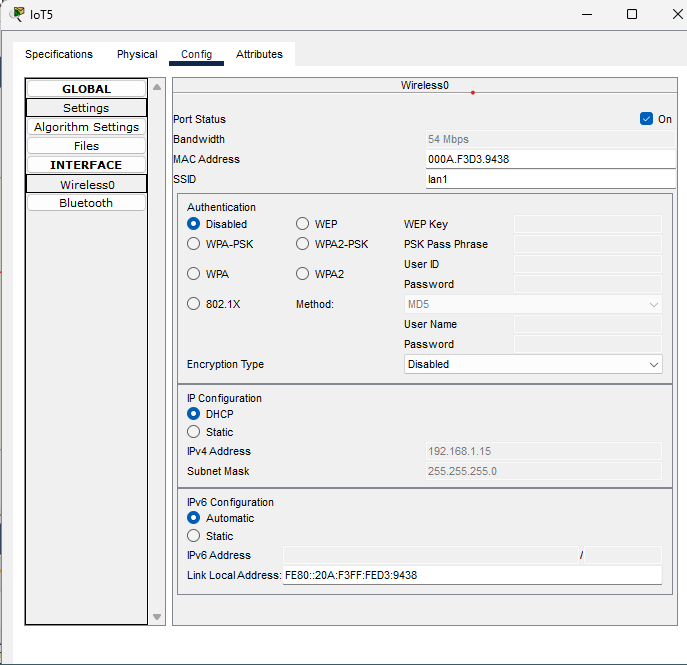
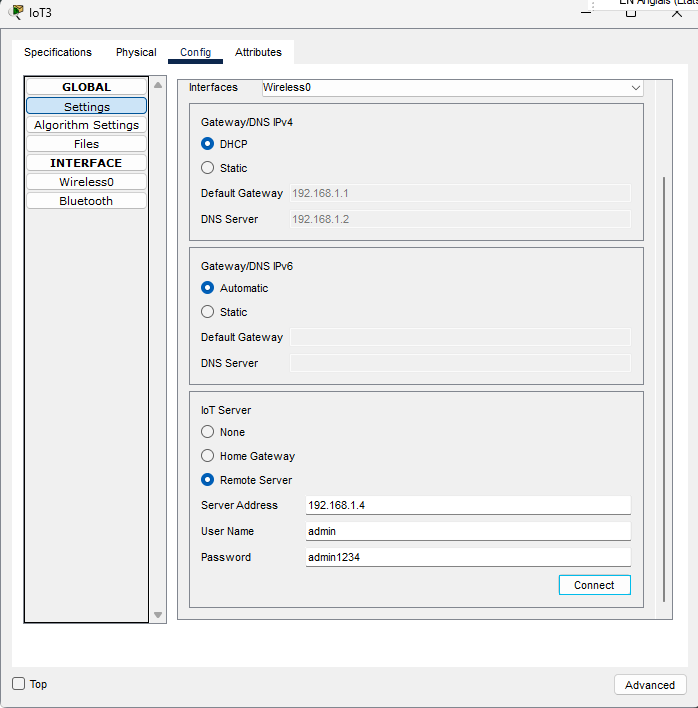
imageConfTest

## Registration au server



imageConfTest

## Configurer les IOT



# Conclusion

Ce TD m’a permis d’explorer la configuration réseau avec NAT, DHCP et DNS, ainsi que les réseaux IoT, consolidant nos compétences techniques essentielles en connectivité