# Institut Universitaire des Sciences

## Faculté des sciences de technologies

### TD 4 Réseau 2

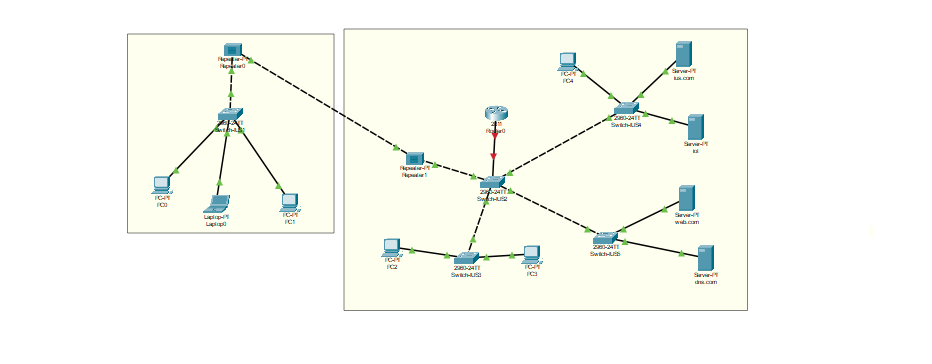
### Préparé par :

### Nom: Byron

### Prénom: Pierre Durell Naguiby

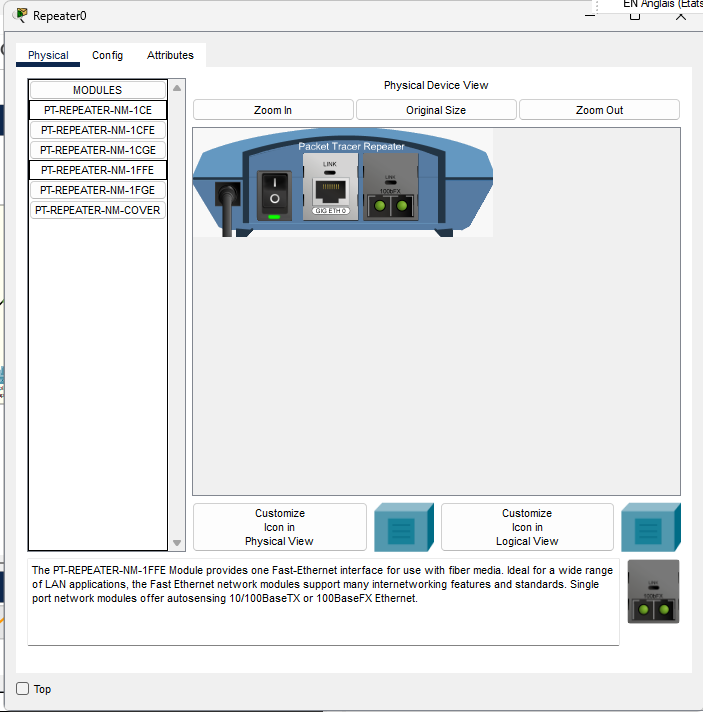
## Niveau: L3 - Sciences Informatiques

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



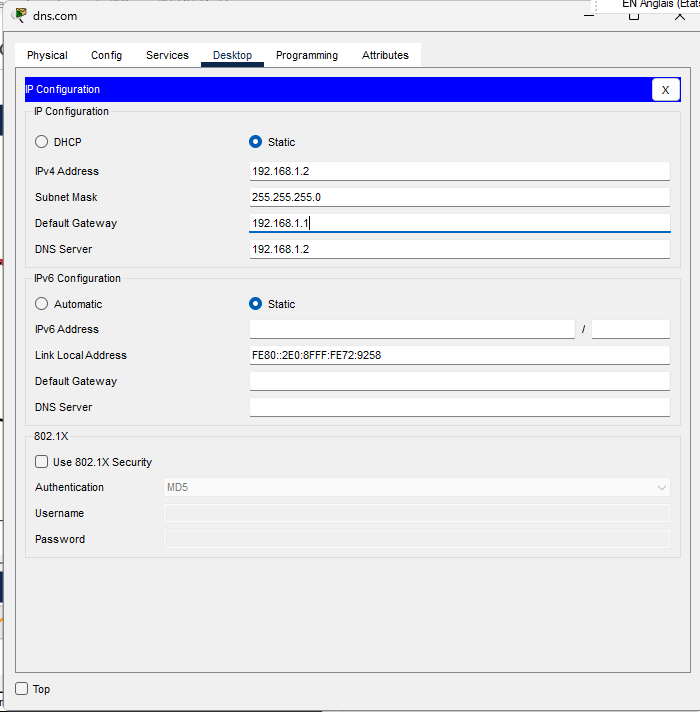
imageTopologie1

## Configuration nat



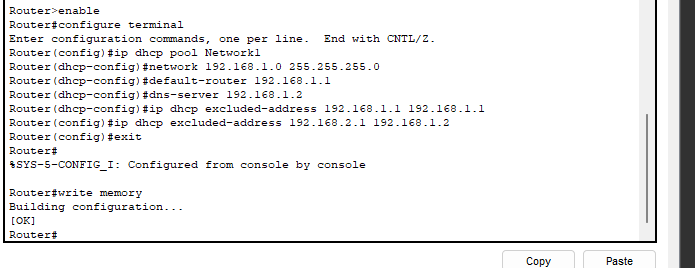
imageConfNat

### DNS



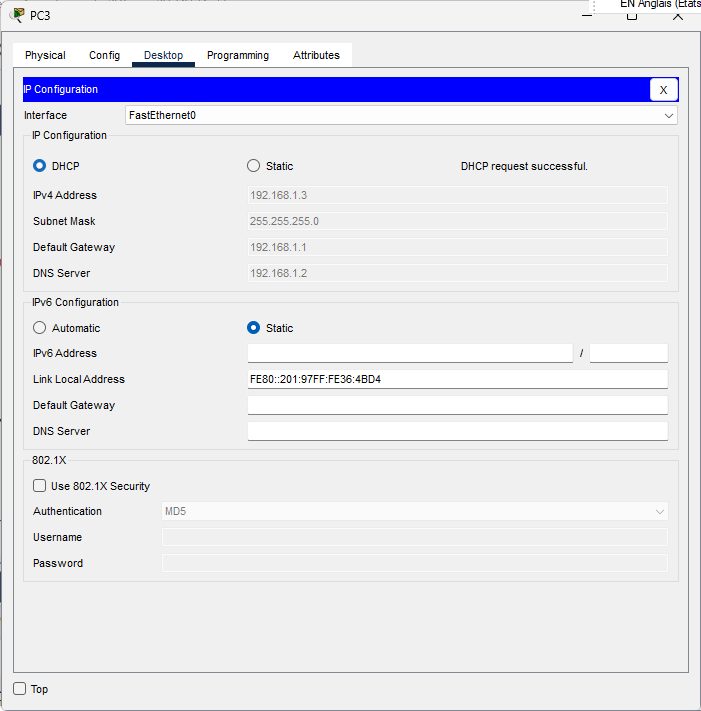
imageConfServeurDNS

### Configuration du serveur DHCP sur le routeur Cisco



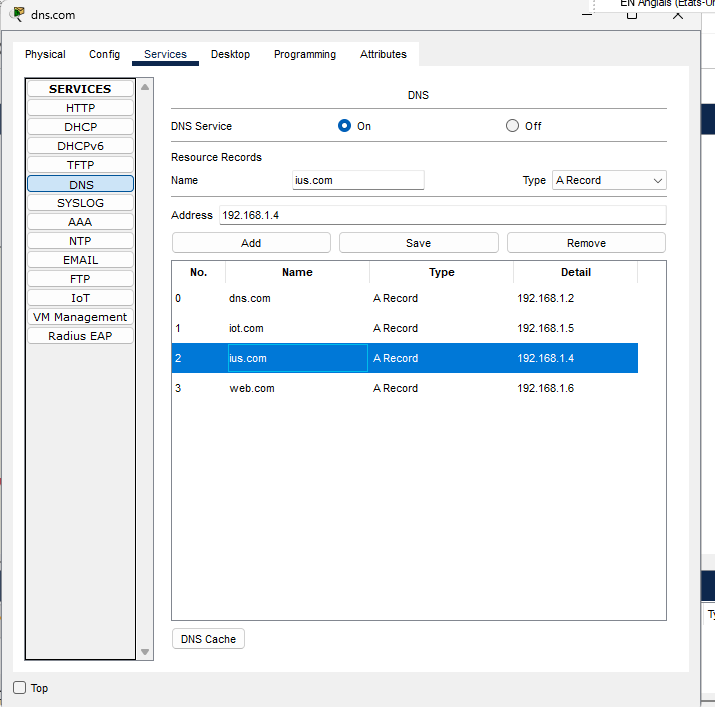
imageConfServeurDNS

### Vérifications des ip



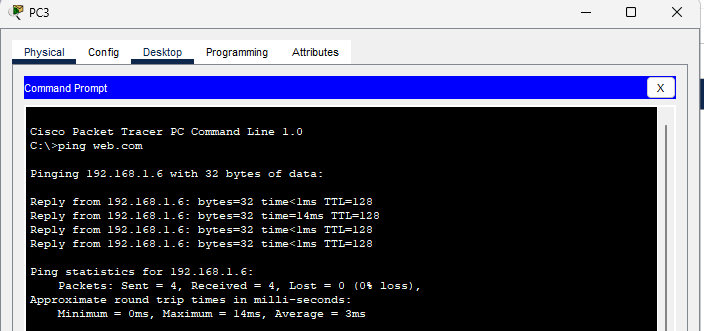
imageConfServeurDNS

## Activé les services dns



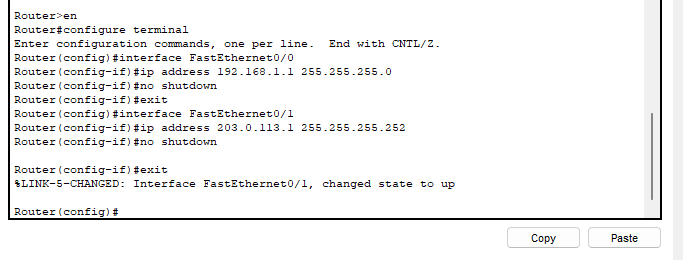
imageConfServeurDNS

### Test



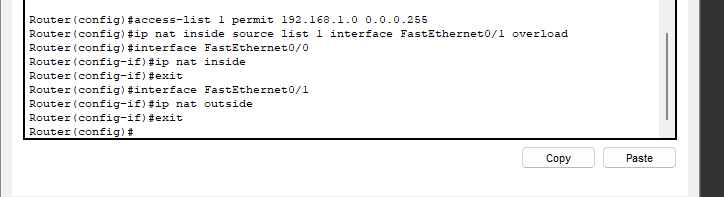
imageTestPing

## Configuration de NAT sur le routeur Cisco :



imageConfNat

## Configuration de NAT dynamique (PAT) :

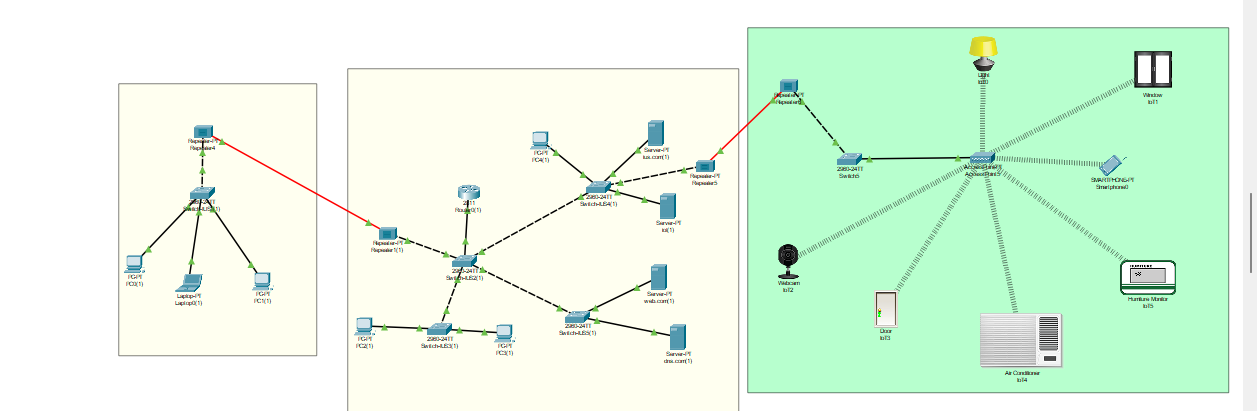


imageConfNatDyN

## Test de connectivité

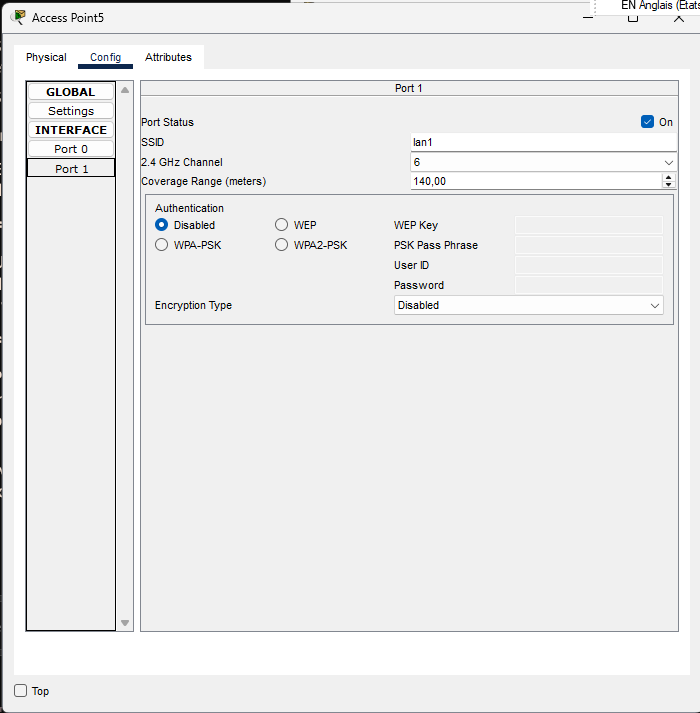
## imageConfTest

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



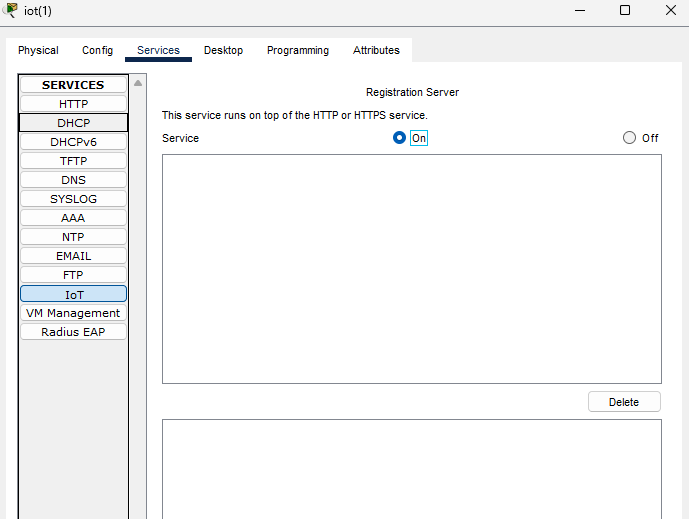
Topologie2

## Configuration du point Acces



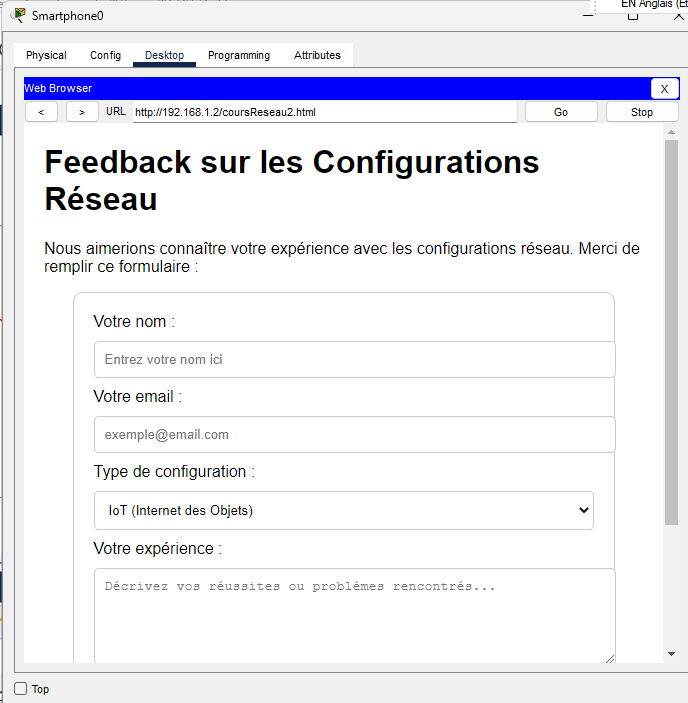
imgConfPT-Acess

## Activation des services IOT



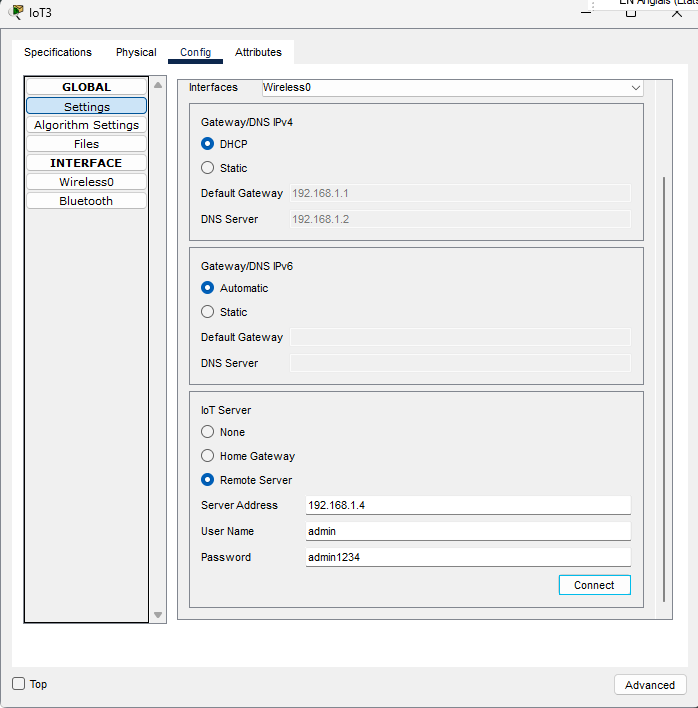
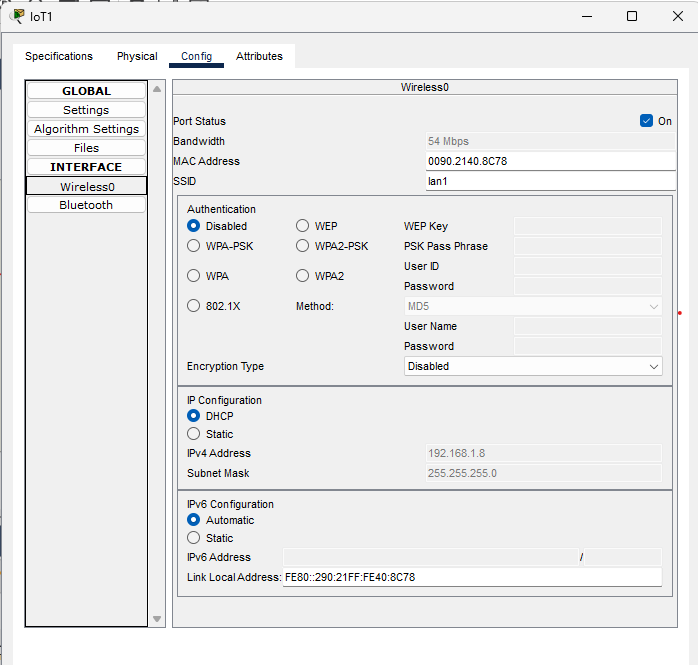
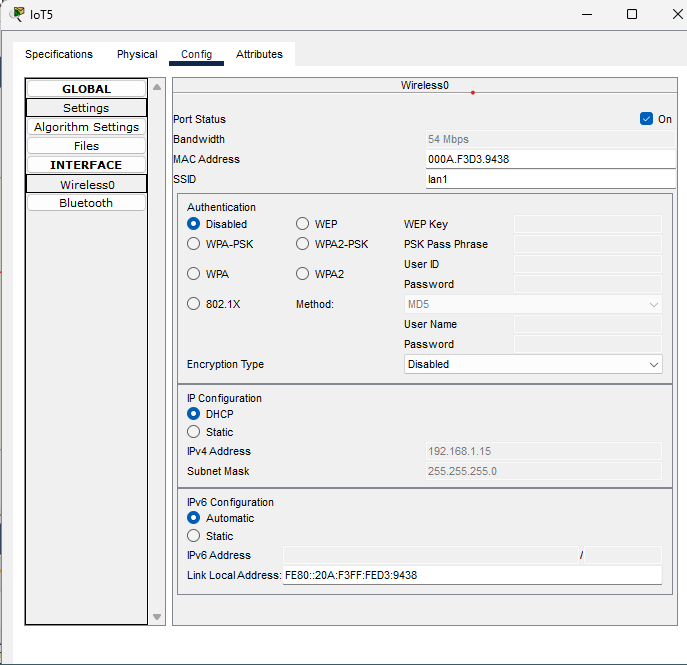
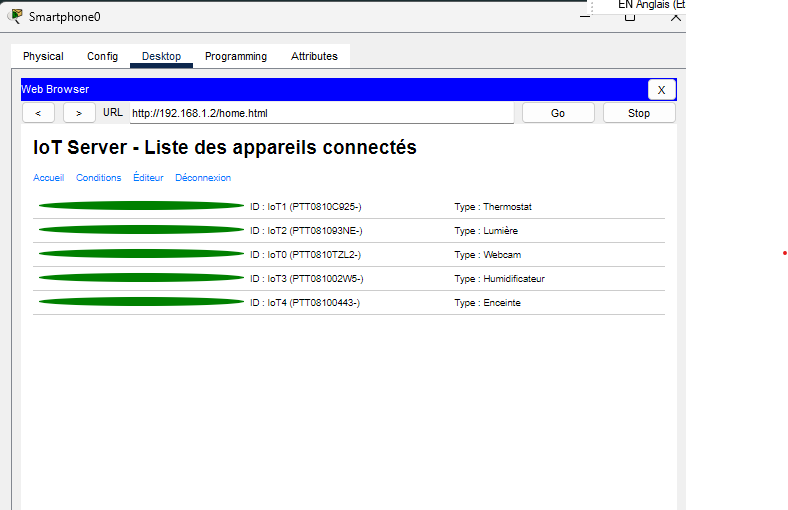
imageConfTest

## Registration au server



imageConfTest

## Configurer les IOT

# Conclusion

En conclusion, ce TD me permet de configurer et de simuler un réseau avec les protocoles NAT, DHCP et DNS, ainsi que les réseaux IoT.