

**FACULTÉ DES SCIENCES ET DES TECHNOLOGIES**

**(FST)**

**Troisième année**

**RAPPORT**

**Sur le Travail de Laboratoire Nº 7**

**COURS**

**Systèmes d’Exploitation Linux**

**Professeur  
Ismael SAINT AMOUR**

**PRÉPARÉ PAR**

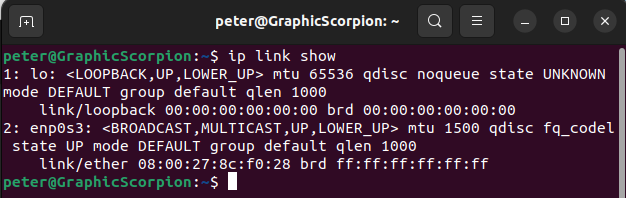
**Peterson CHERY**

**SEMESTRE**

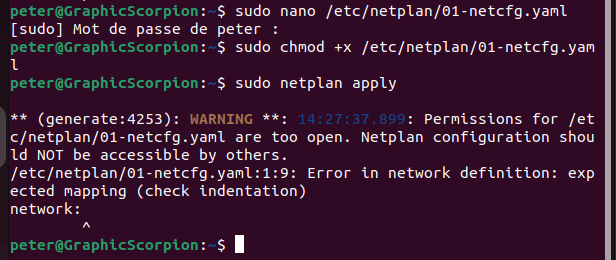
**I**

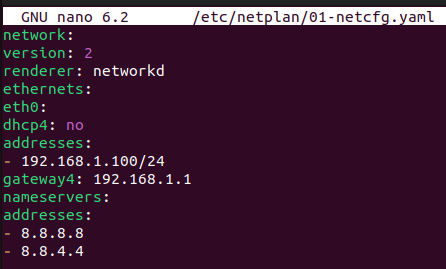
**Le 01/02/2024**

1. **Reproduction des taches de 1 à 6**

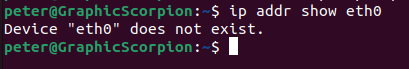
****

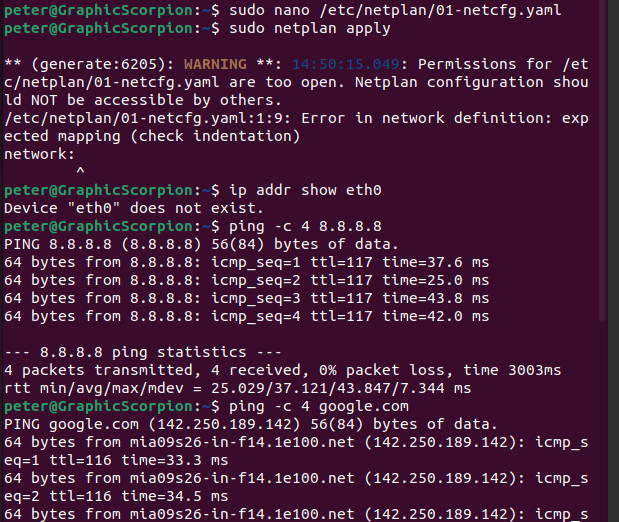
* **Configurer une Adresse IP Manuellement**

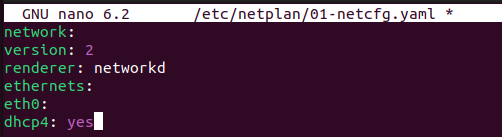
****

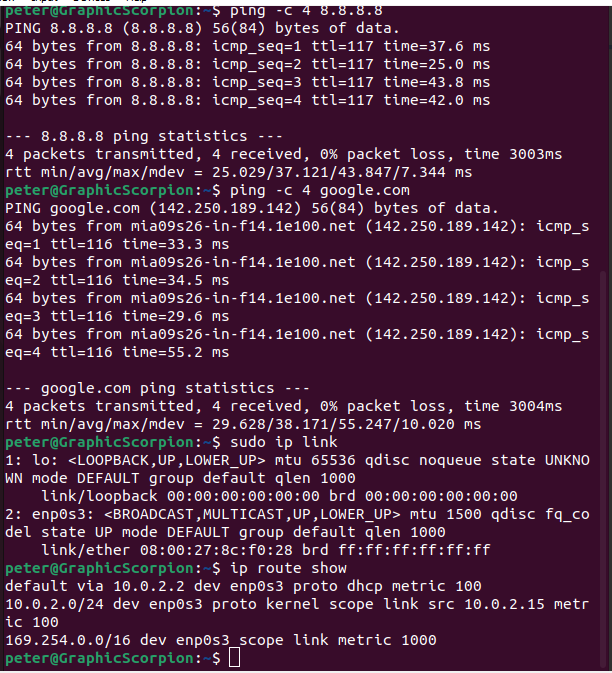
****

* **Vérifiez la configuration avec :**

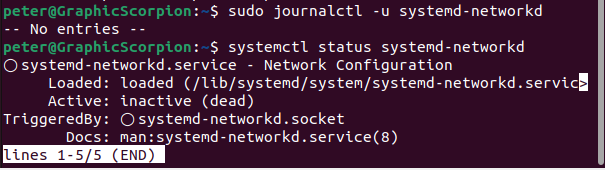
****

* **Configurer une Adresse IP Dynamique (DHCP)**

****

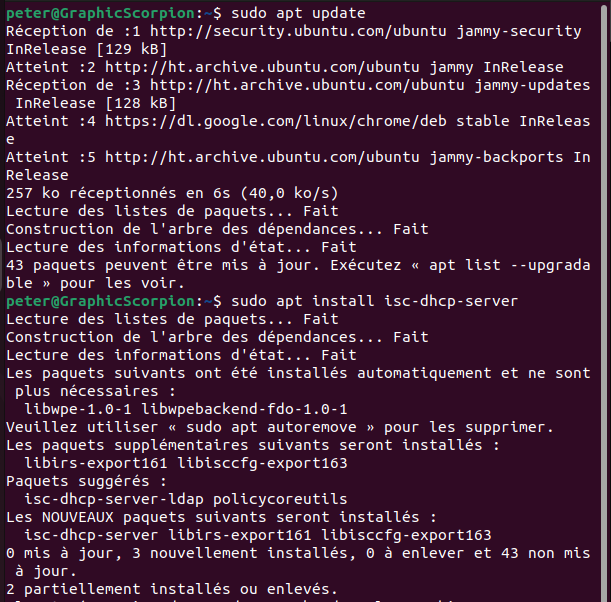
****

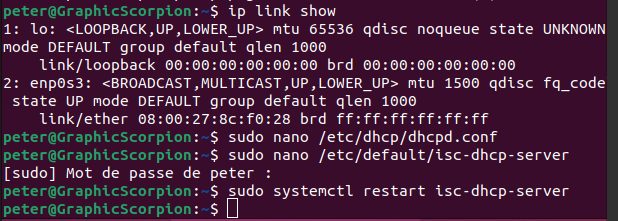
* **Analysez les journaux système pour des erreurs réseau :**

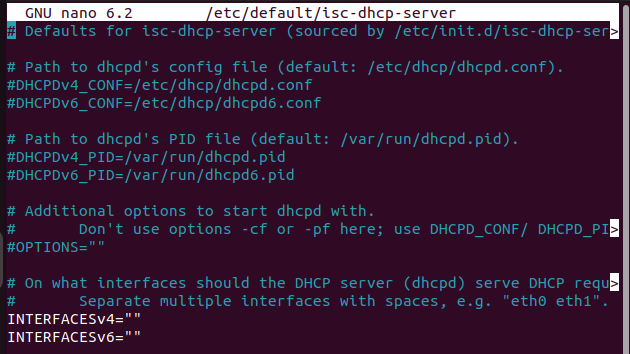
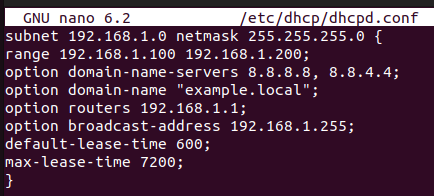
****

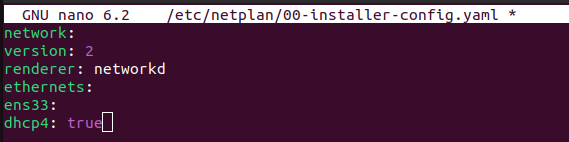
1. **Configuration des DNS et DHCP**

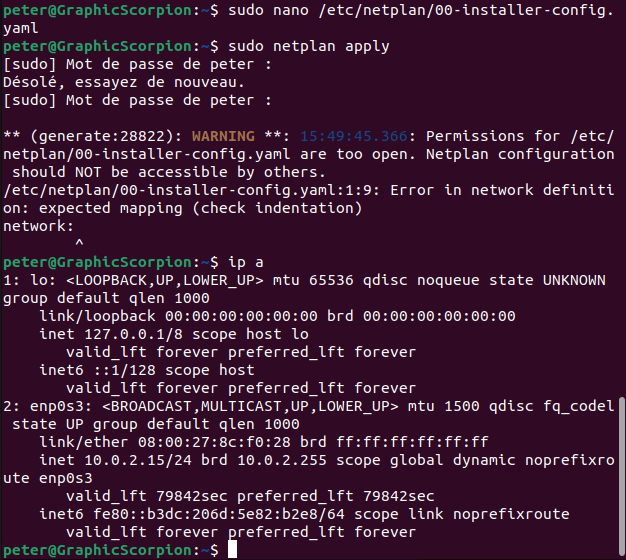
Partie 1 : Configuration du Serveur DHCP

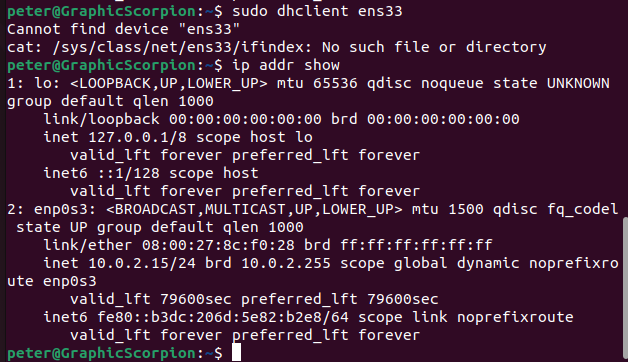
****

****

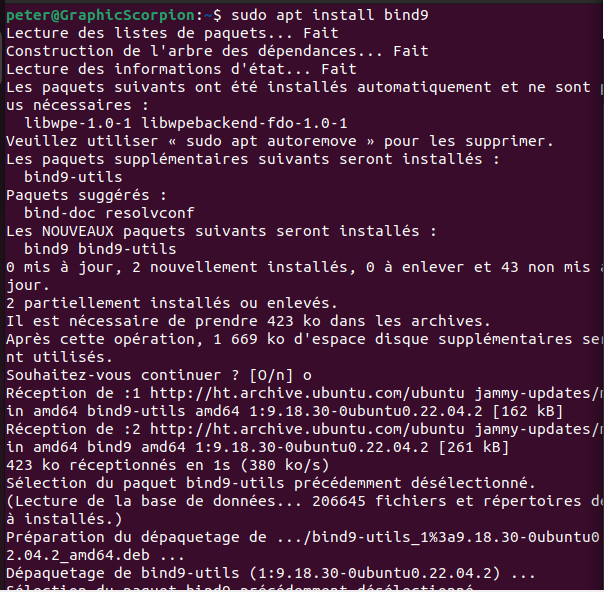
****

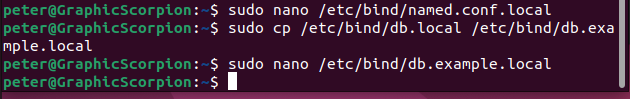
****

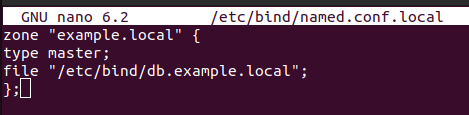
****

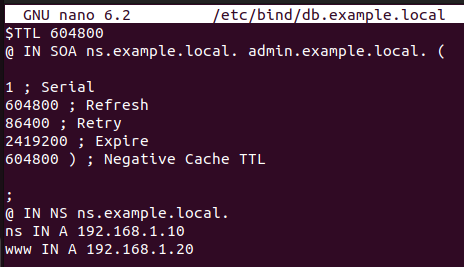
****

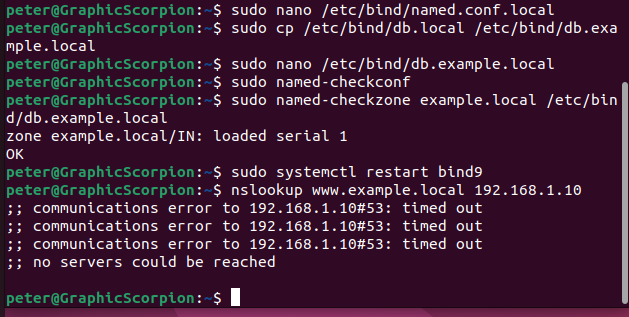
Partie 2 : Configuration d’un Serveur DNS



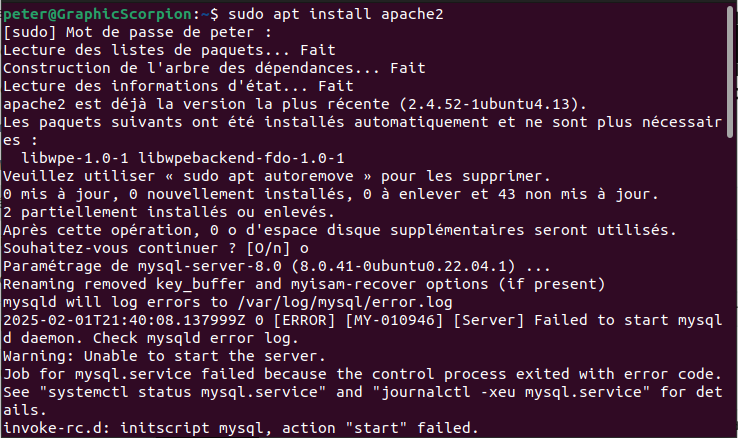
****

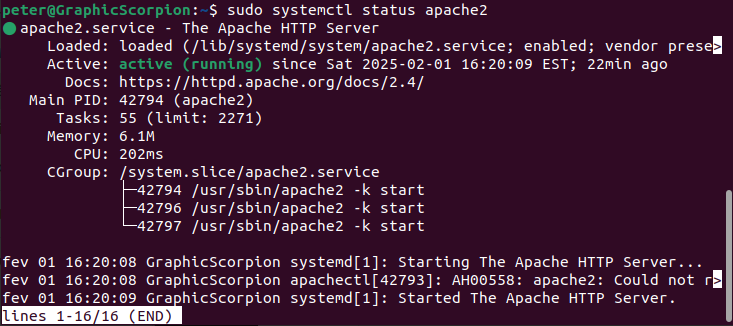
****

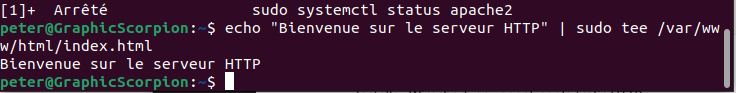
****

****

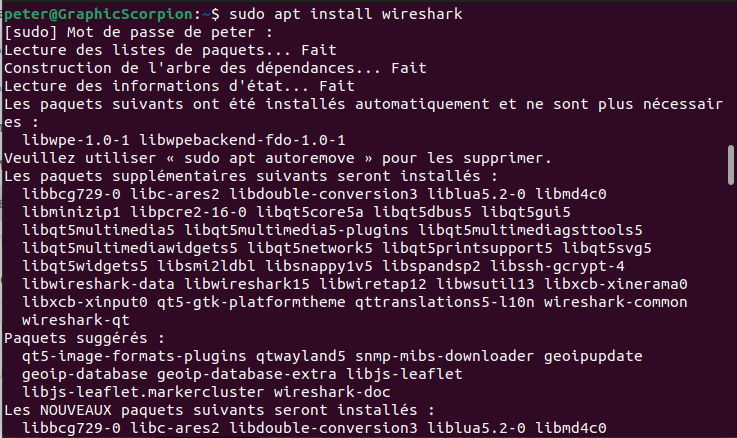
1. **Configuration et Analyse des Protocoles HTTP et HTTPS**

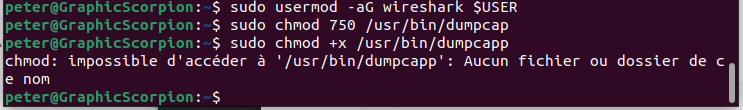
****

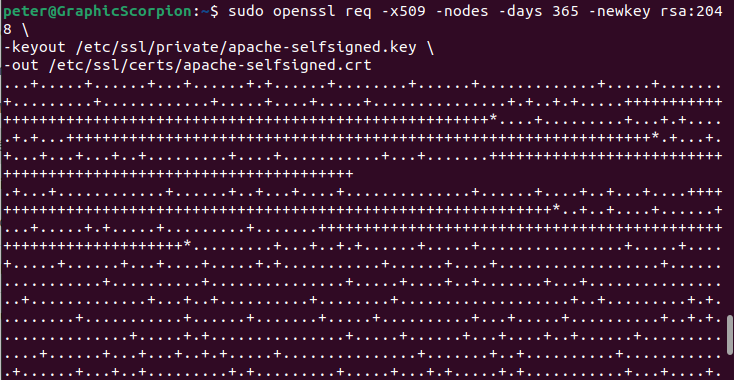
****

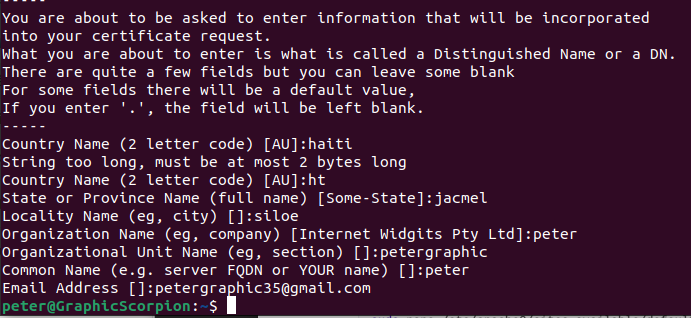
****

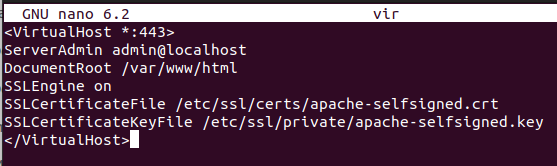
**Analyse HTTP avec Wireshark**

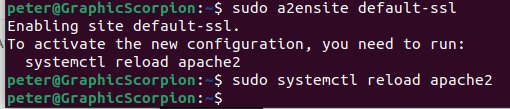
****

****

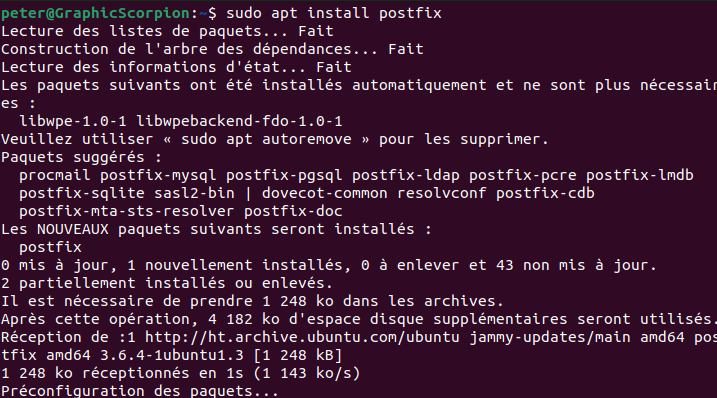
****

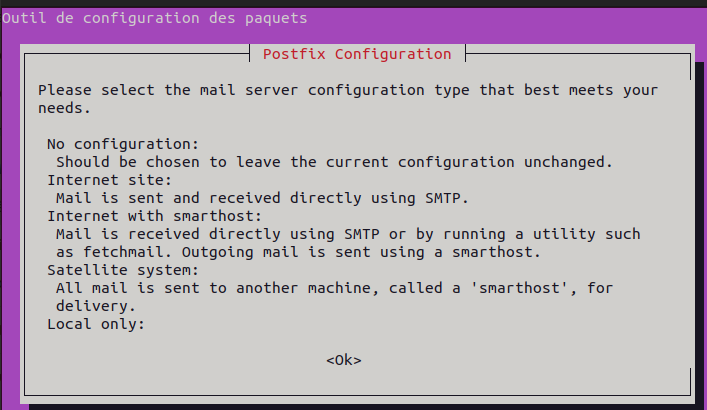
****

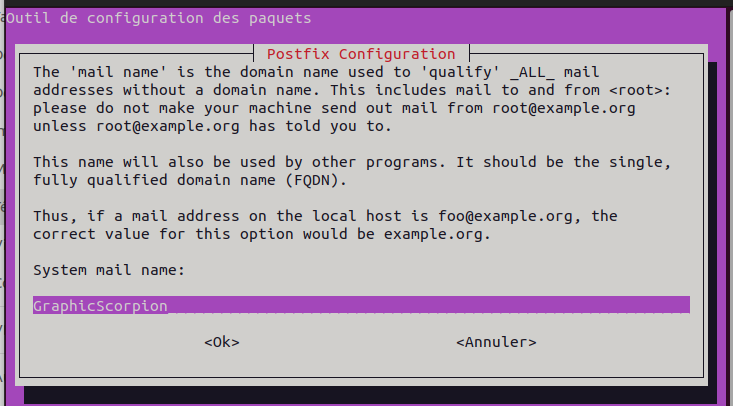
****

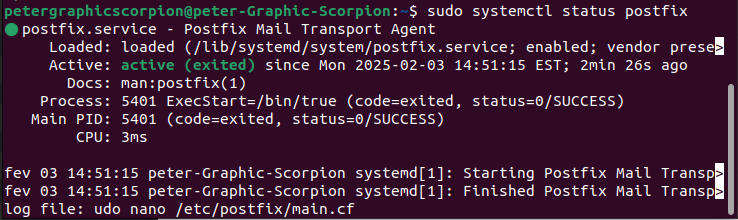
****

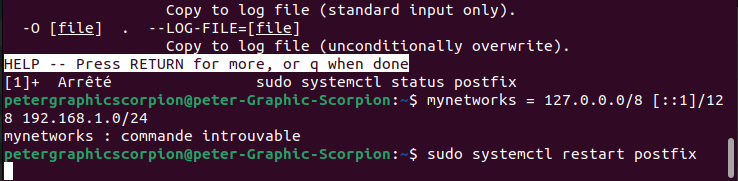
1. **Configuration de Postfix (Serveur SMTP)**

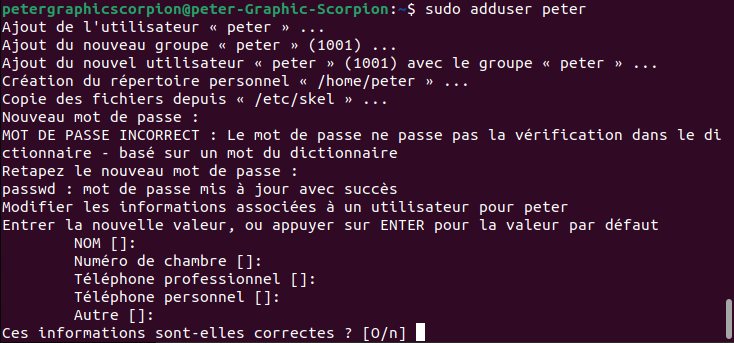
****

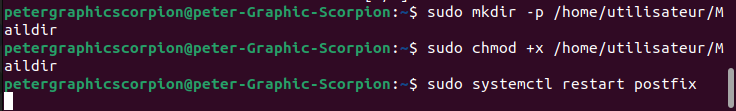
****

****

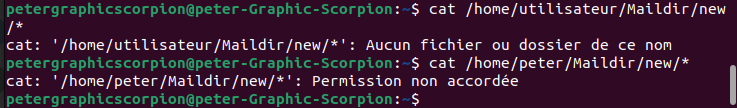
****

****

****

****

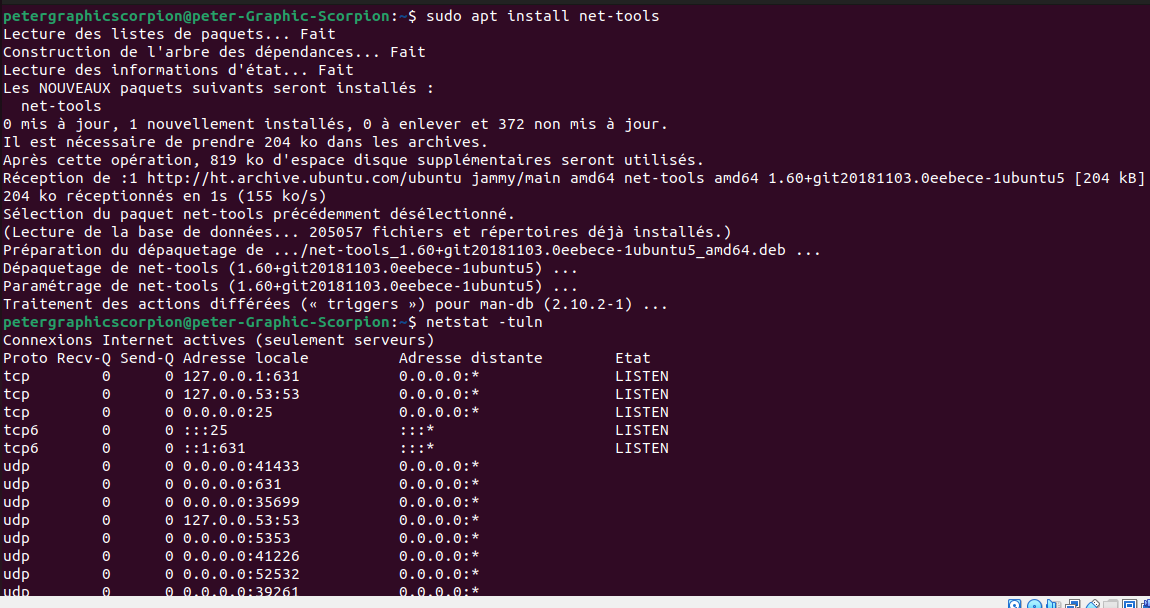
****

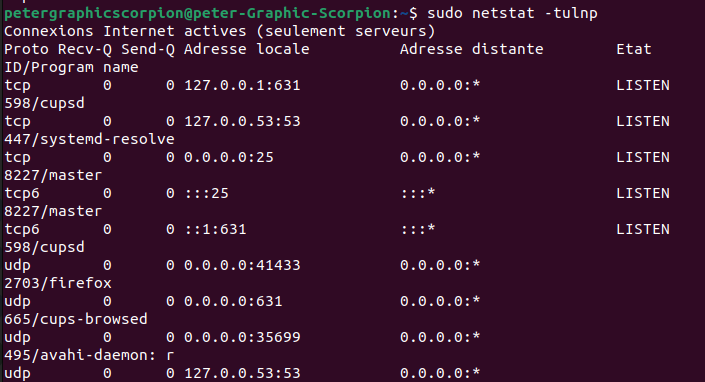
****

* **Ajout de TLS pour Sécuriser le Serveur**

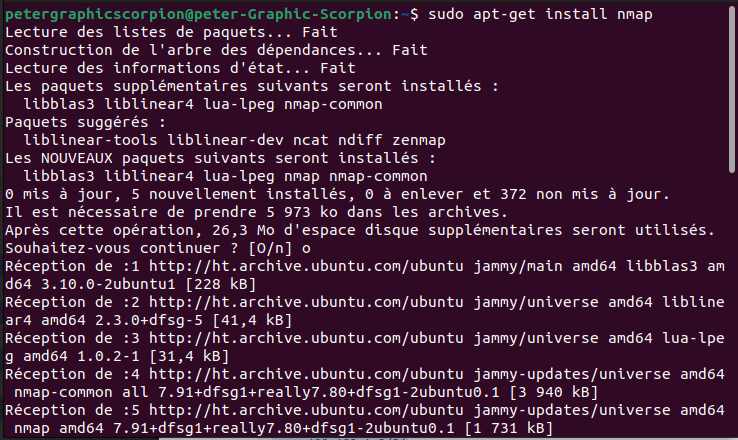
****

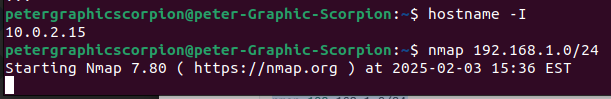
1. **Utilisation de Netstat**

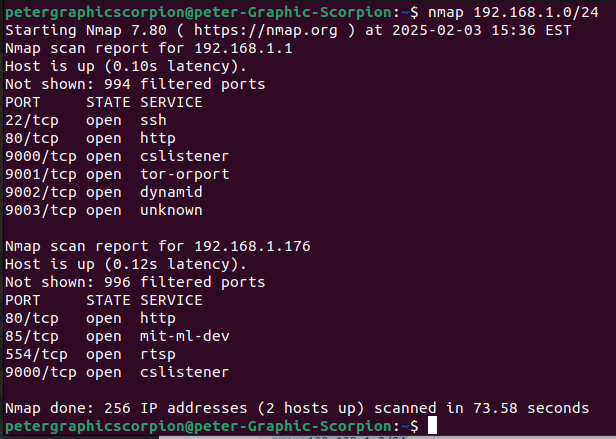
****

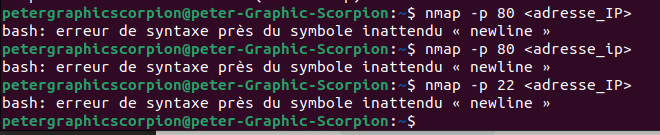
****

****

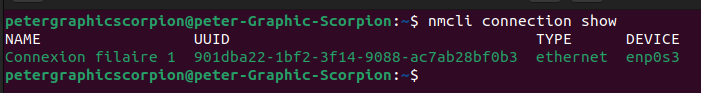
1. **Utilisation de Nmap**

****

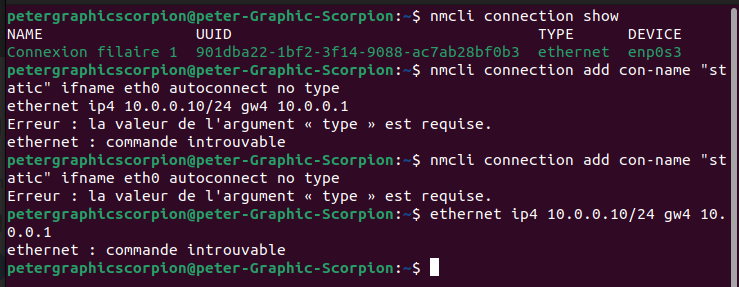
****

****

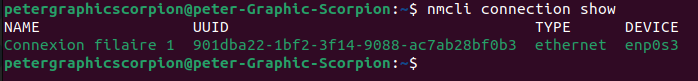
1. **Obtenez des privilèges d'administrateur**

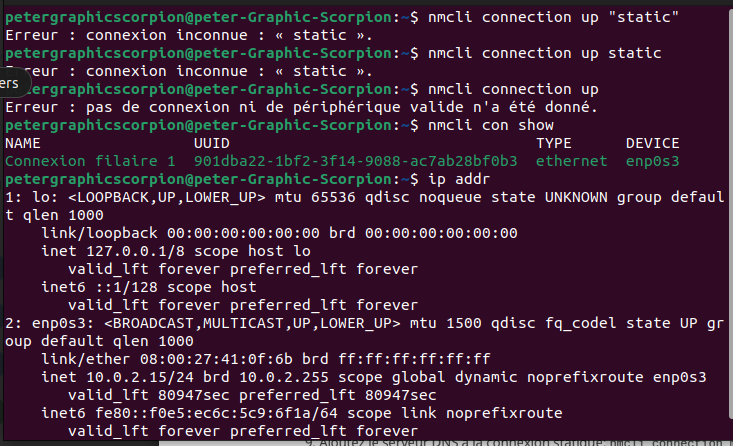
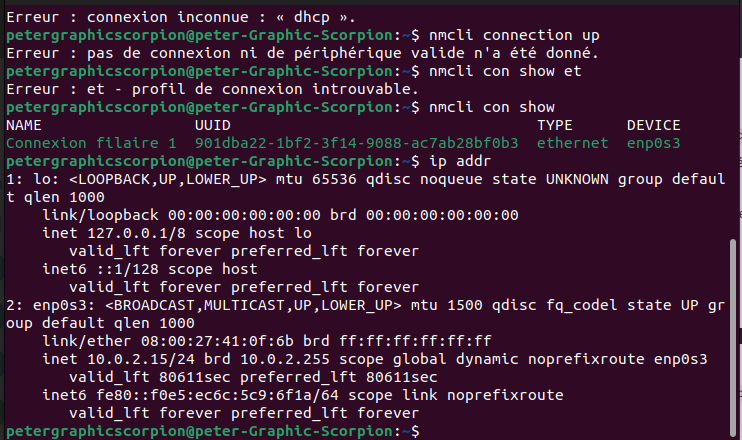
****

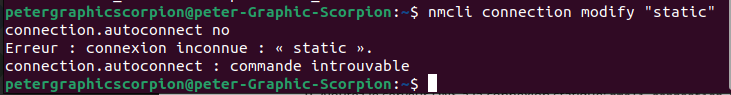
1. **Ajoutez à cette même interface une connexion Ethernet nommée static, une adresse IPv4 statique de l'adaptateur et une adresse de passerelle statique:**

****

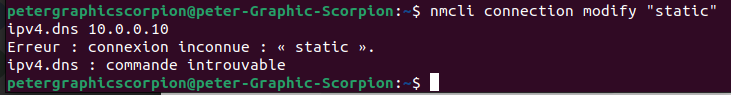
1. **Afficher des informations sur les connexions actuelles:**

****

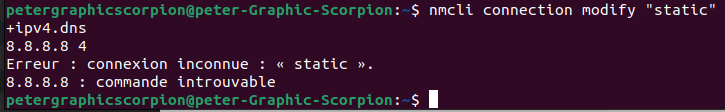
1. **Passer à une connexion statique: et Vérifiez le succès de la commutation en utilisant**
2. **Retour à la connexion dhcp:**
3. **Désactiver la connexion statique automatique:**

****

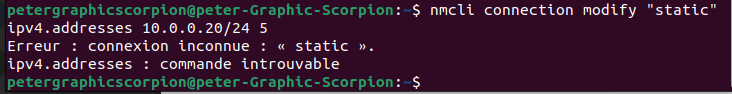
1. **Ajoutez le serveur DNS à la connexion statique:**

****

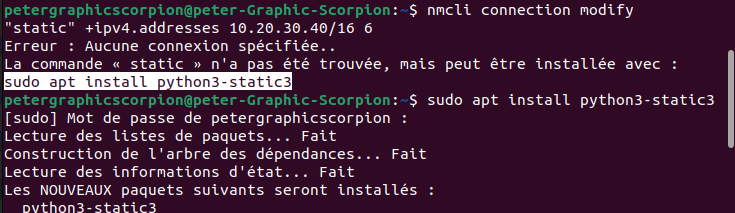
1. **Ajoutez un deuxième serveur DNS:**

****

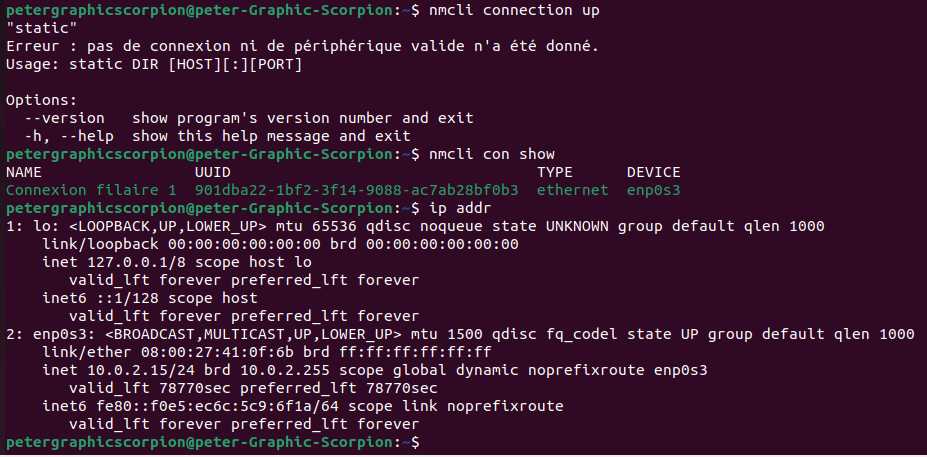
1. **Modifiez l'adresse IP de la connexion statique:**

****

1. **Ajoutez une adresse IP différente pour la connexion statique:**

****

1. **Après avoir modifié les propriétés de la connexion :**

****

**CONCLUSION :**

J’ai appris les compétences nécessaires pour effectuer des commandes pour la Configuration Réseau, Configuration des DNS et DHCP, Services Réseau - Serveurs de Messagerie. En toute honnêteté j’ai effectué toutes les commandes mais je vois que ça n’a pas marché.