

**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**

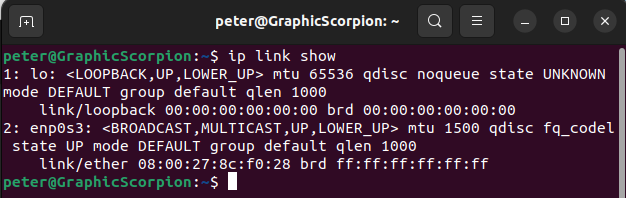
**Peterson CHERY**

**SEMESTRE**

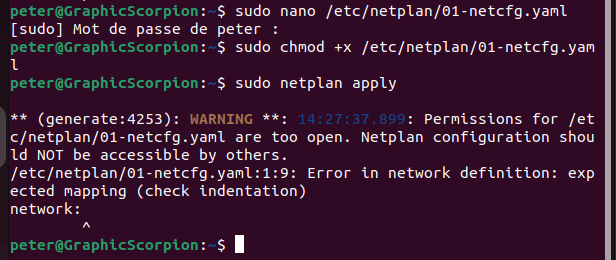
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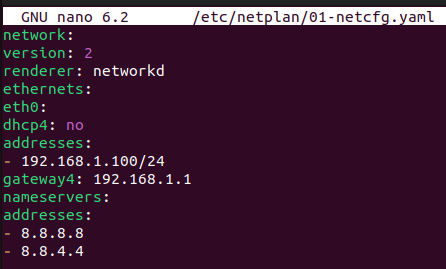
**Le 01/02/2024**

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

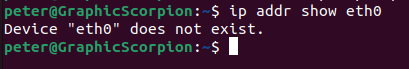
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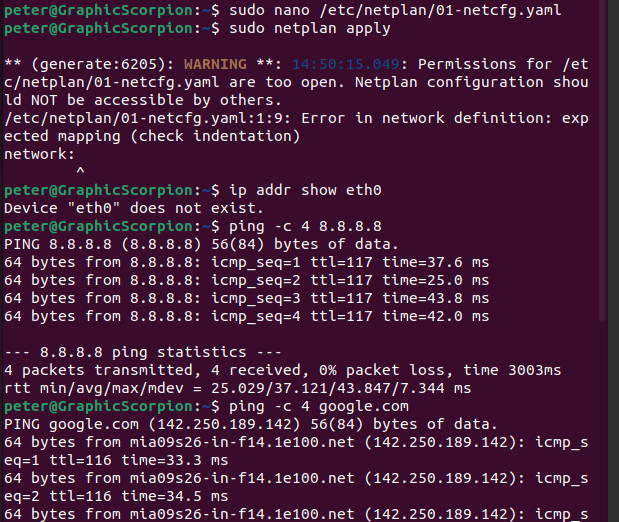
* **Configurer une Adresse IP Manuellement**

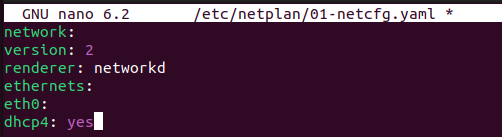
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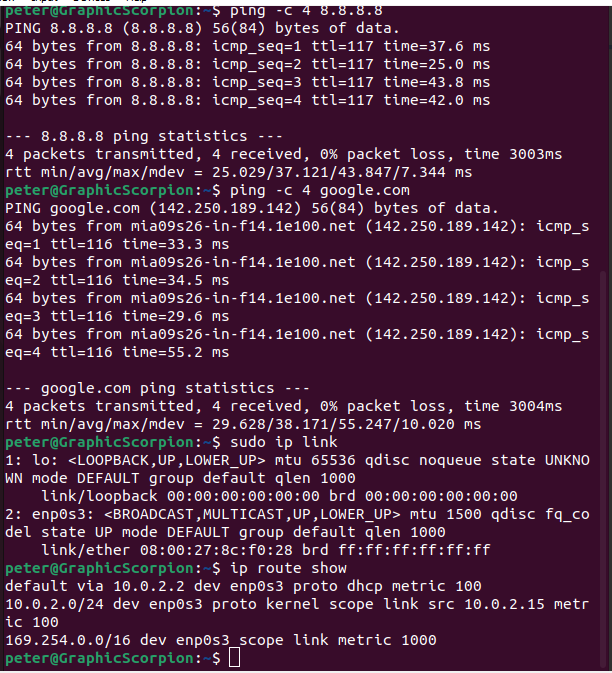
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* **Vérifiez la configuration avec :**

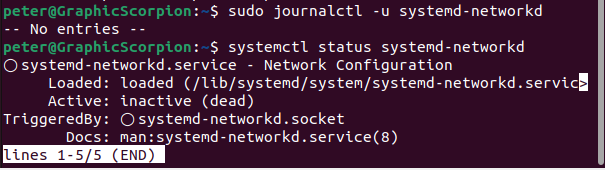
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* **Configurer une Adresse IP Dynamique (DHCP)**

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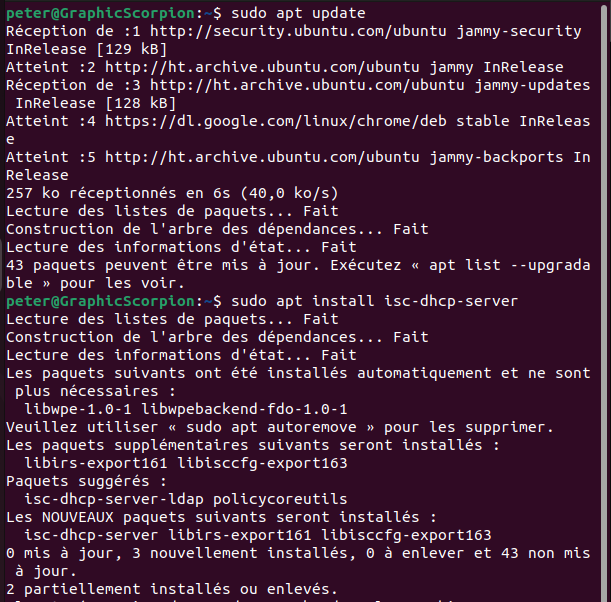
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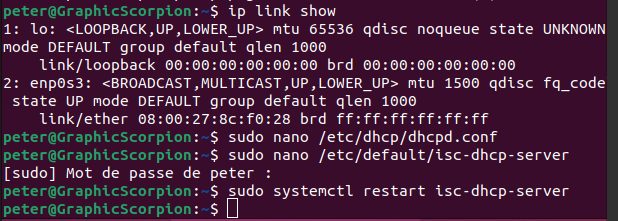
* **Analysez les journaux système pour des erreurs réseau :**

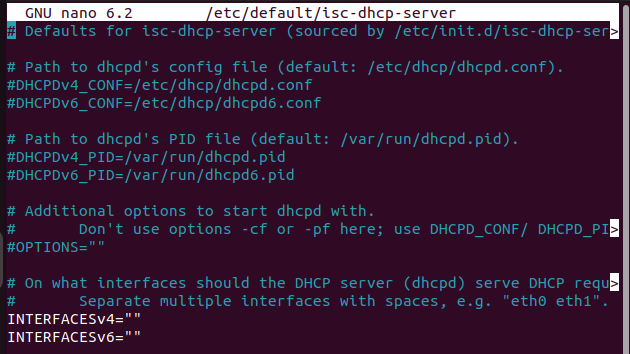
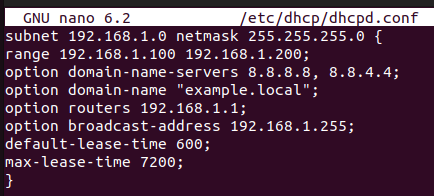
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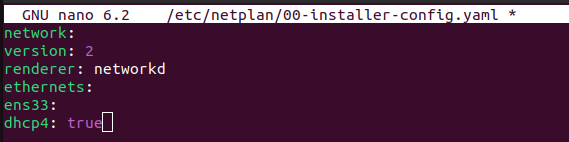
1. **Configuration des DNS et DHCP**

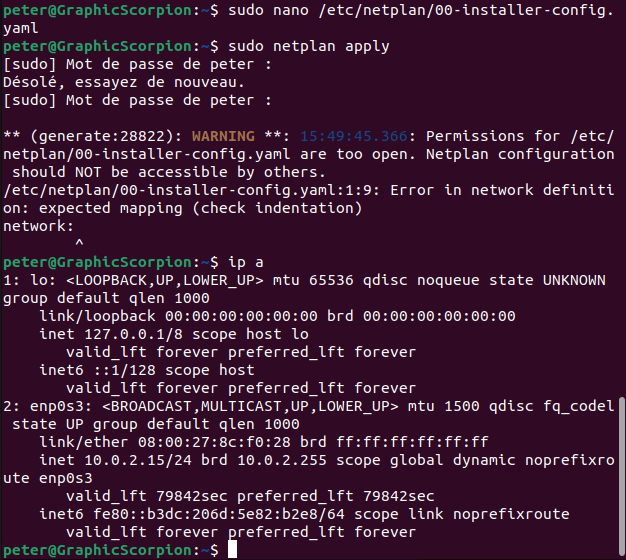
Partie 1 : Configuration du Serveur DHCP

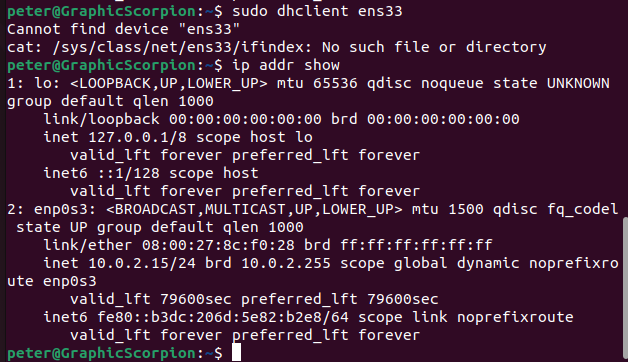
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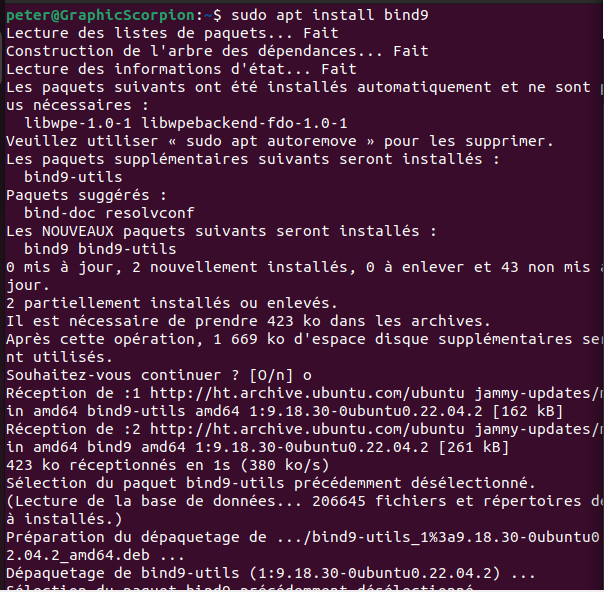
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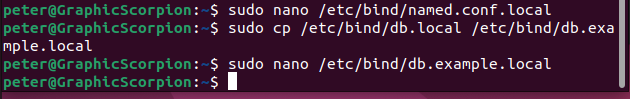
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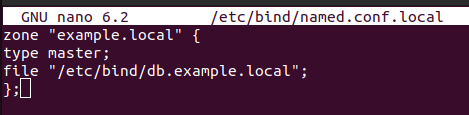
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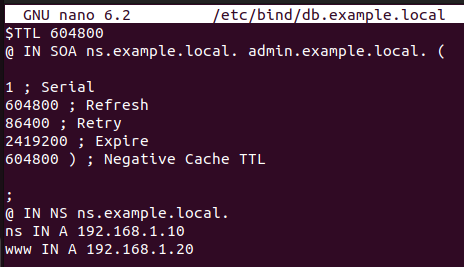
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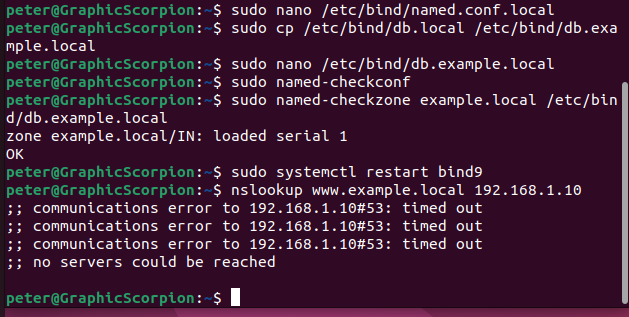
Partie 2 : Configuration d’un Serveur DNS



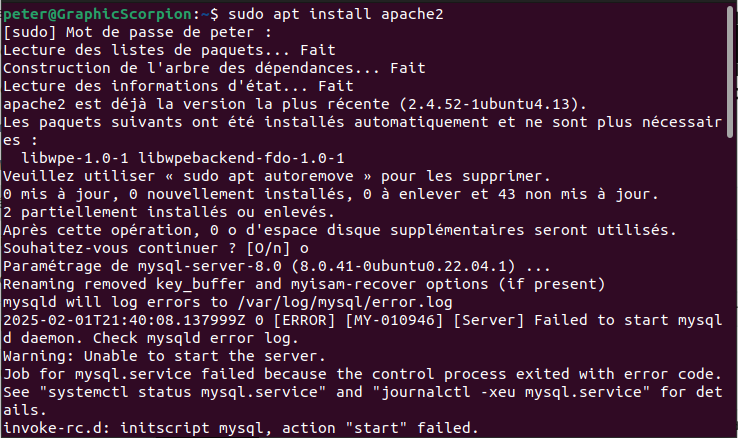
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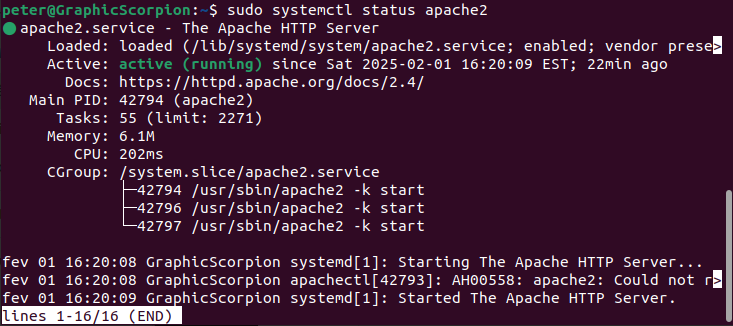
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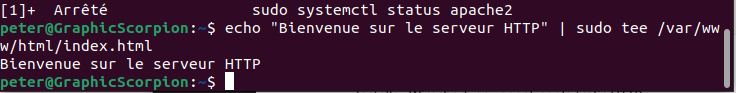
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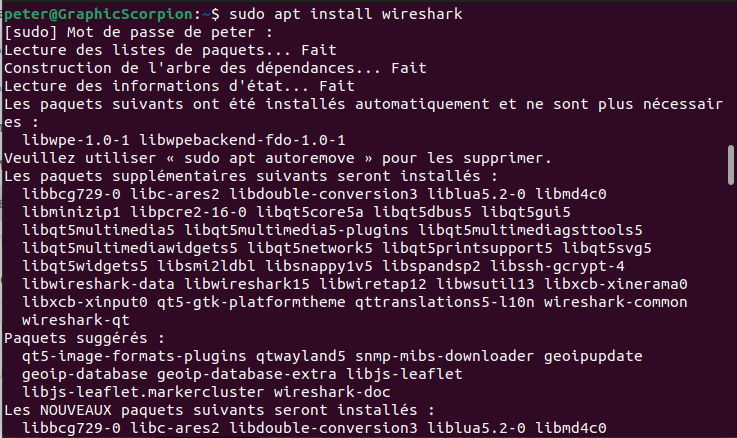
1. **Configuration et Analyse des Protocoles HTTP et HTTPS**

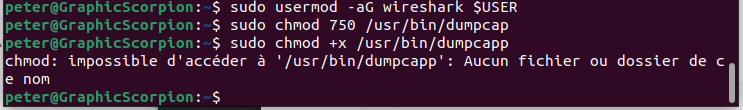
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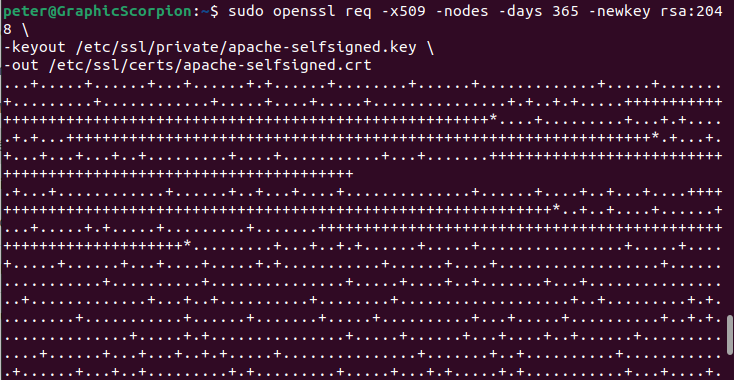
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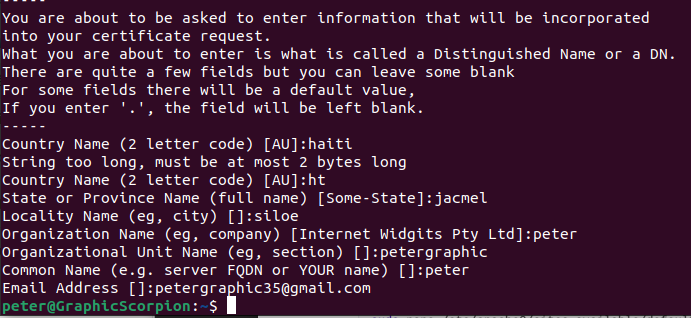
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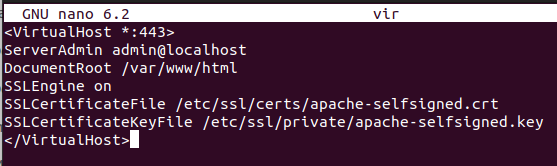
**Analyse HTTP avec Wireshark**

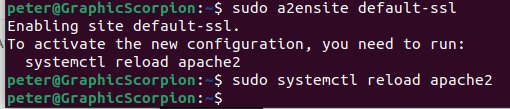
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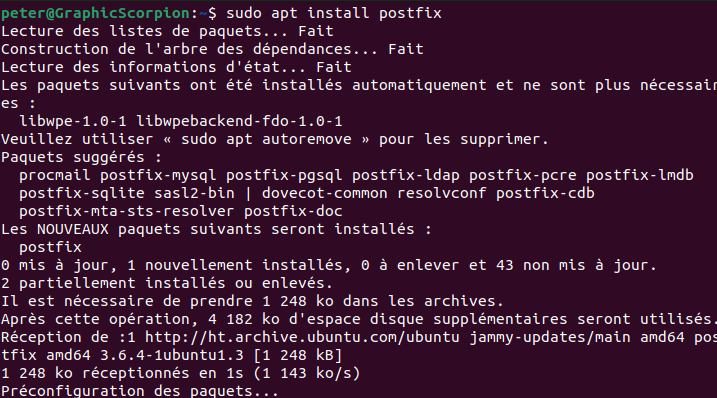
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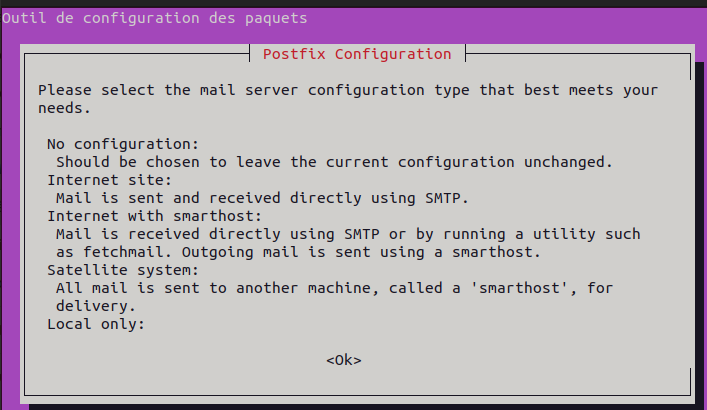
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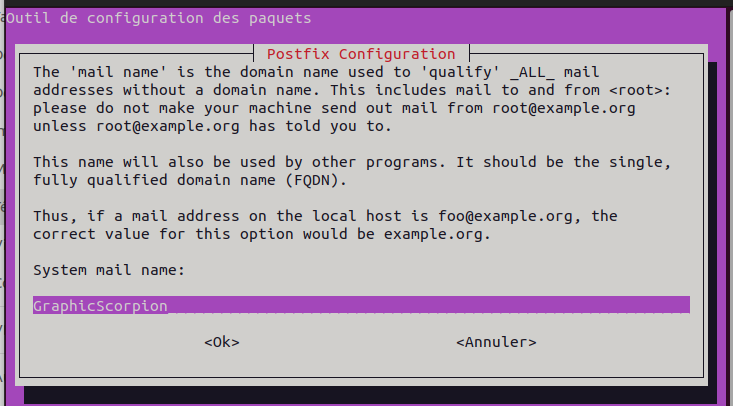
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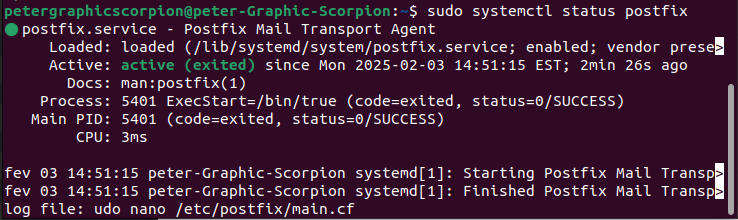
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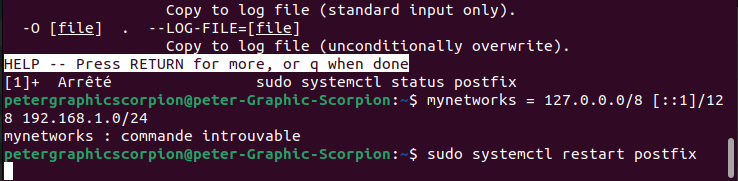
1. **Configuration de Postfix (Serveur SMTP)**

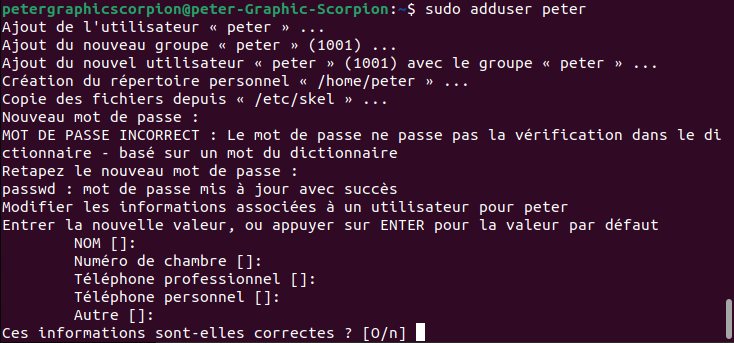
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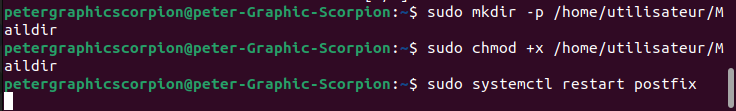
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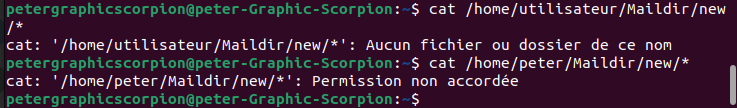
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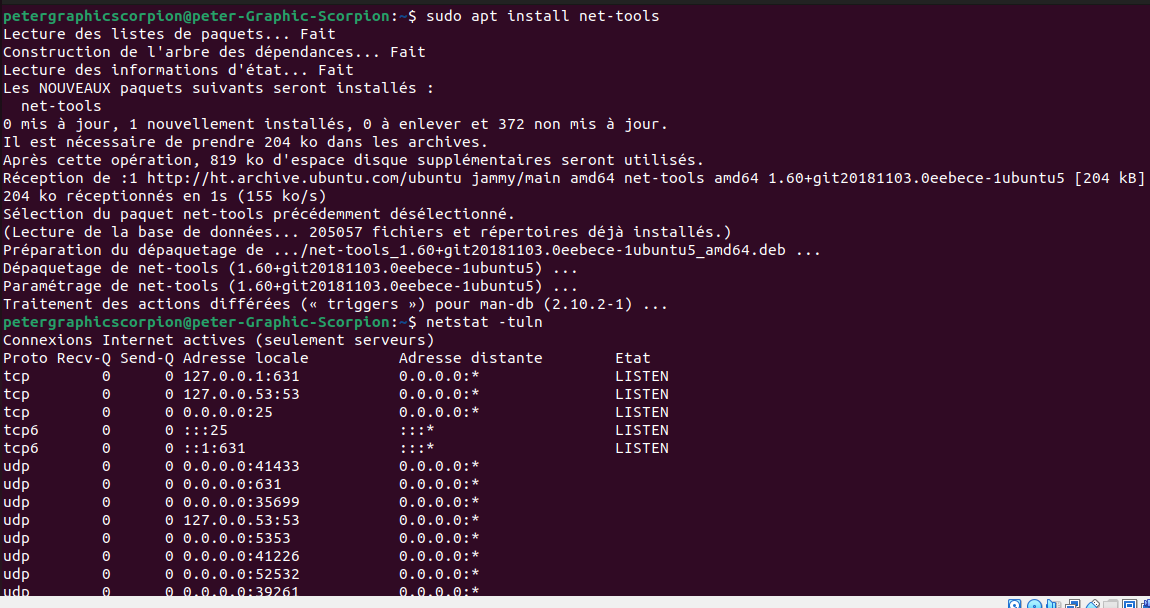
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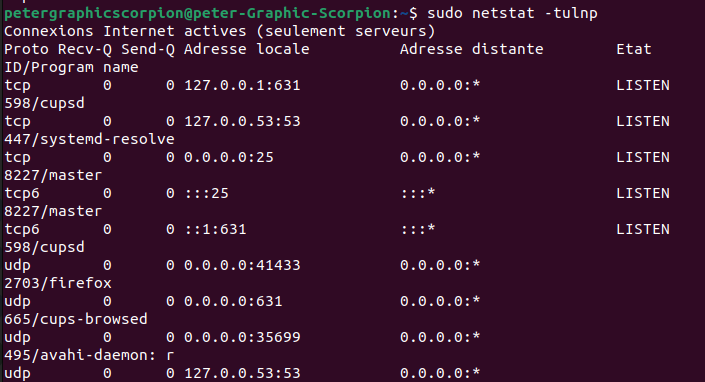
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* **Ajout de TLS pour Sécuriser le Serveur**

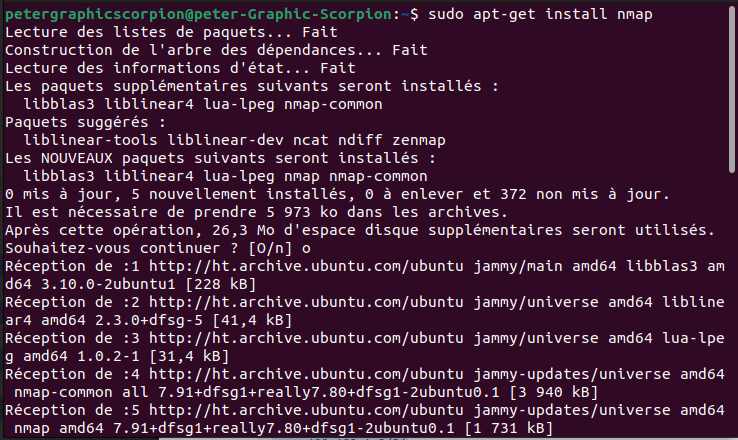
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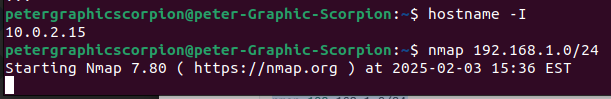
1. **Utilisation de Netstat**

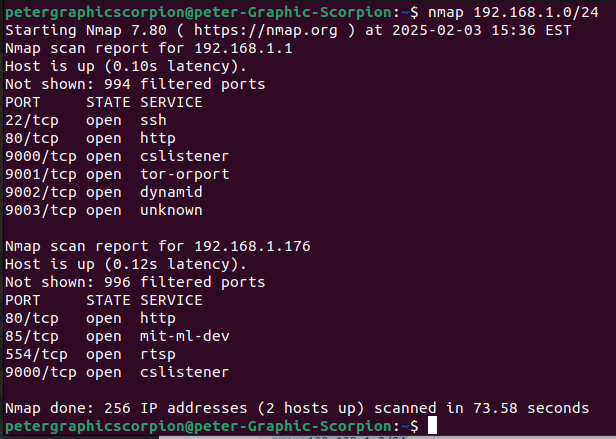
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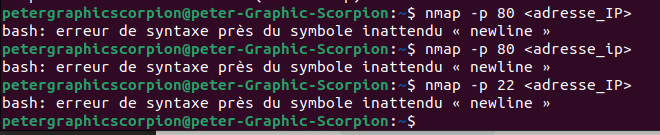
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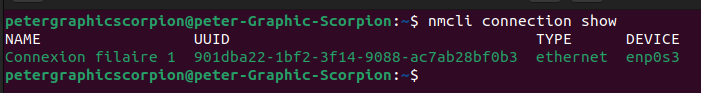
1. **Utilisation de Nmap**

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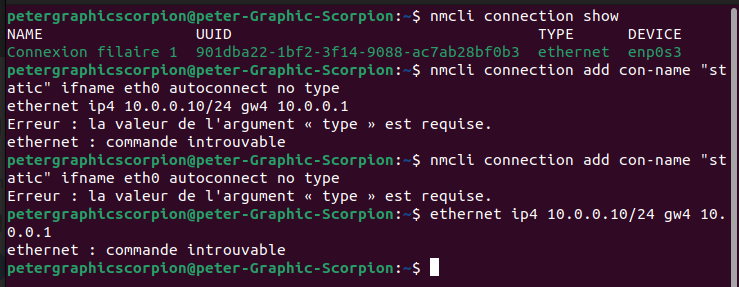
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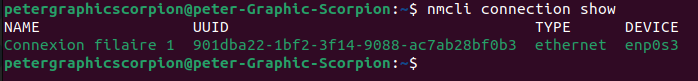
1. **Obtenez des privilèges d'administrateur**

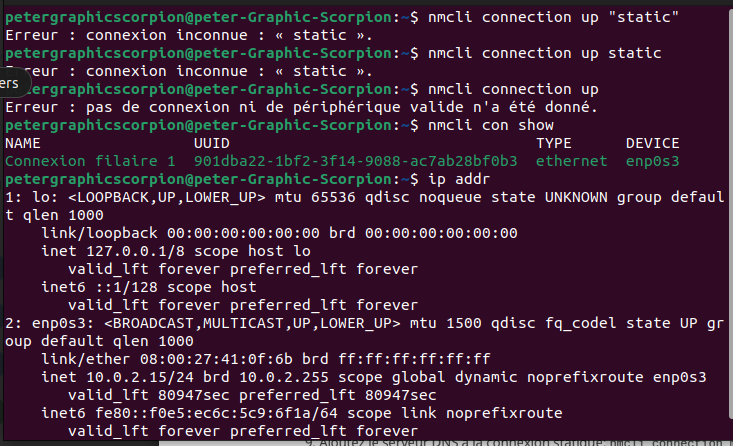
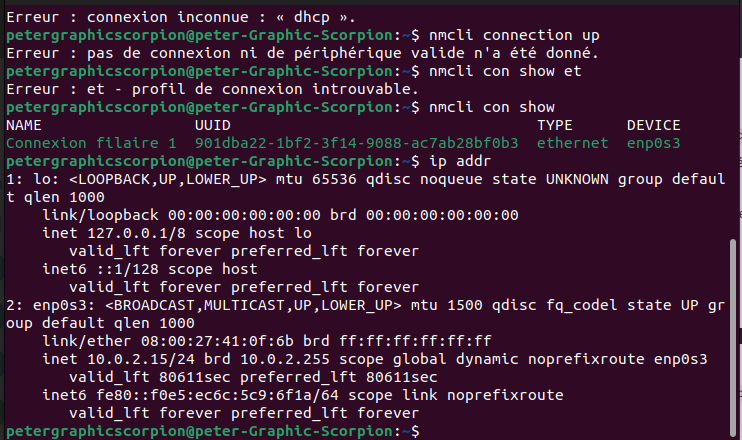
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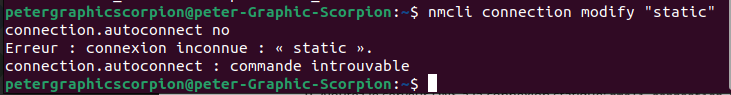
1. **Ajoutez à cette même interface une connexion Ethernet nommée static, une adresse IPv4 statique de l'adaptateur et une adresse de passerelle statique:**

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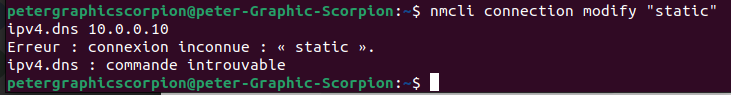
1. **Afficher des informations sur les connexions actuelles:**

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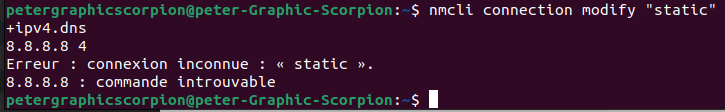
1. **Passer à une connexion statique: et Vérifiez le succès de la commutation en utilisant**
2. **Retour à la connexion dhcp:**
3. **Désactiver la connexion statique automatique:**

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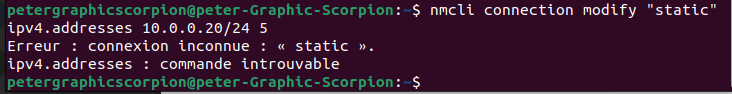
1. **Ajoutez le serveur DNS à la connexion statique:**

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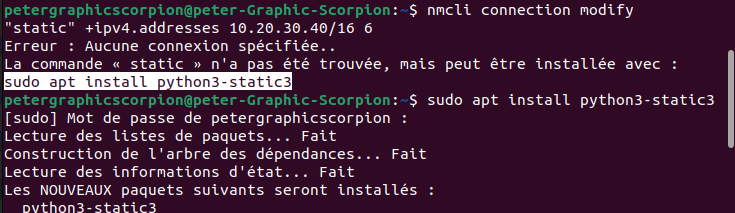
1. **Ajoutez un deuxième serveur DNS:**

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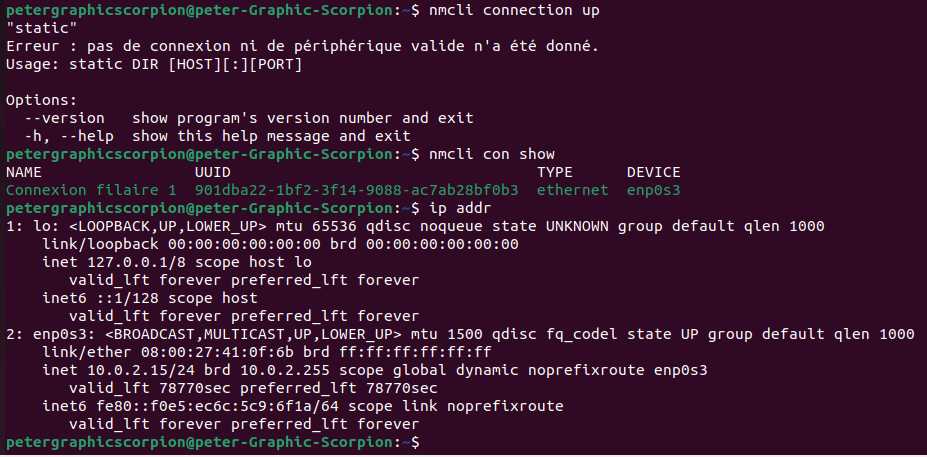
1. **Modifiez l'adresse IP de la connexion statique:**

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

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

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**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.