

Spécialité : Réseaux Intelligents et Cybersécurité

Présenté par : COULIBALY DAOUDA David & WAHID Moncef

TP 2. Virtualisation de stockage

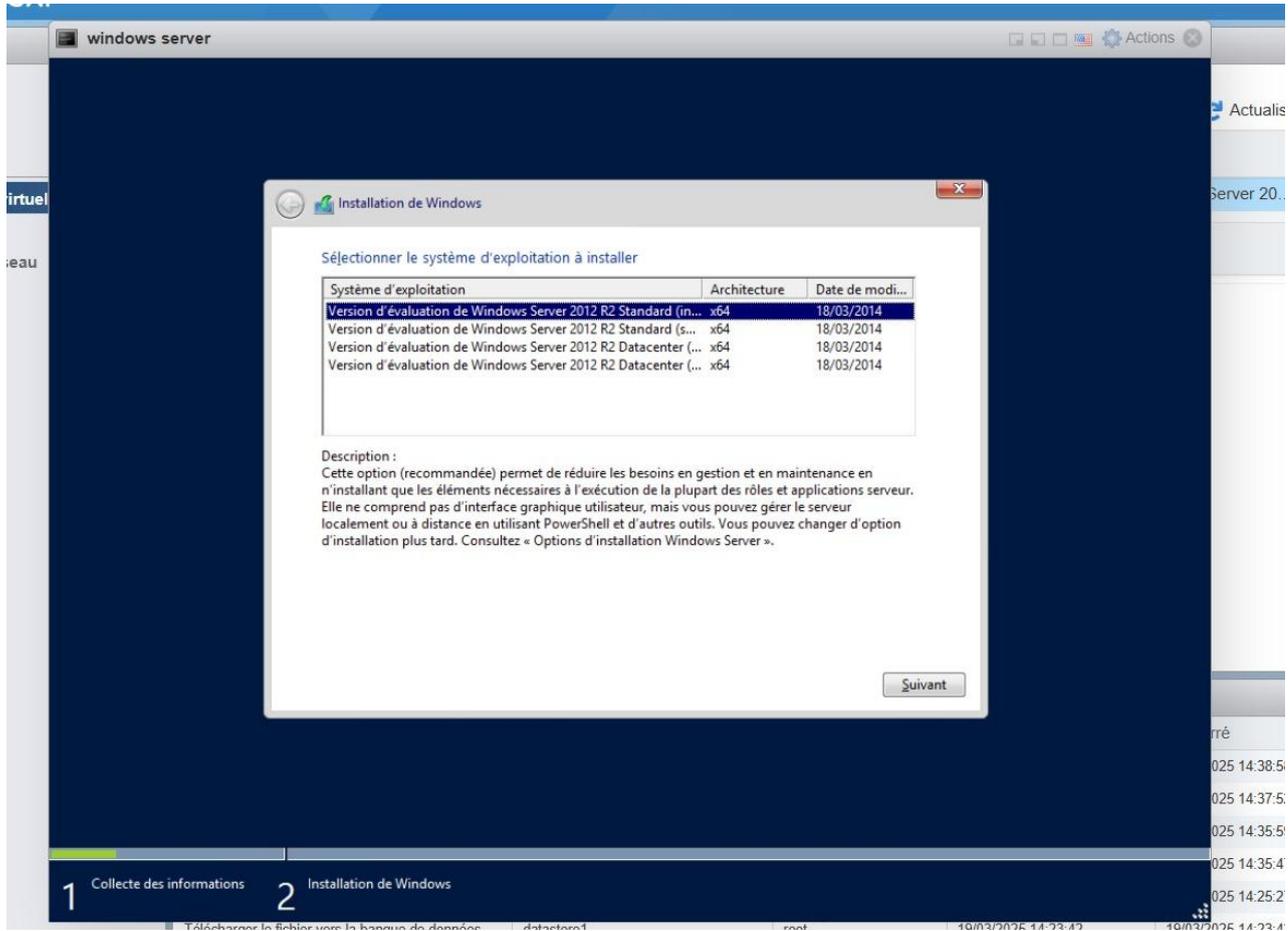
Encadré par:

Pr. Hind Idrissi

ENSA Khouribga

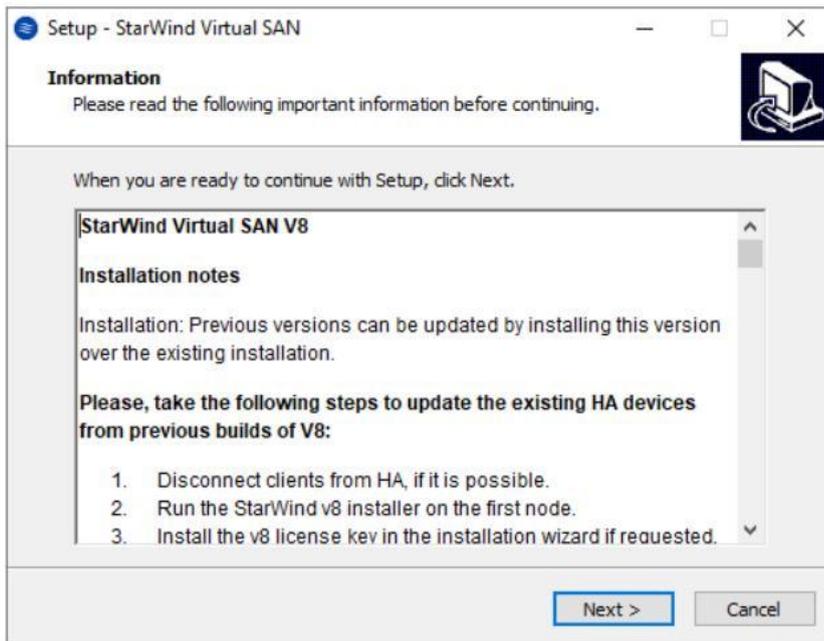
Année universitaire :2024/2025

- **Installation de windows server 2012r :**

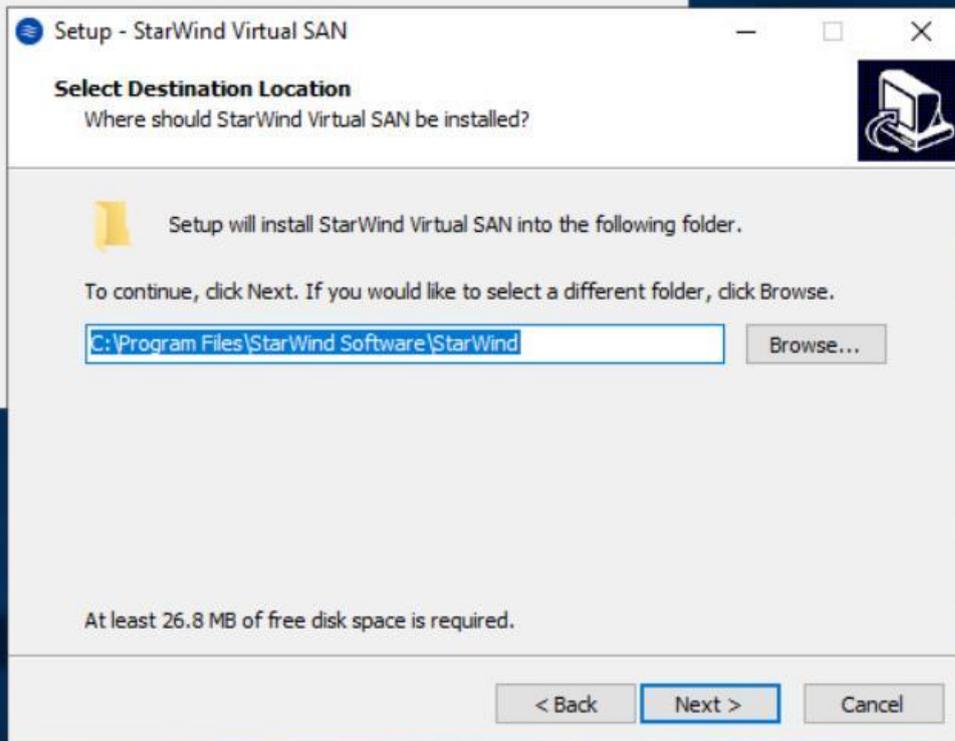


- **Installation de starwinds :**

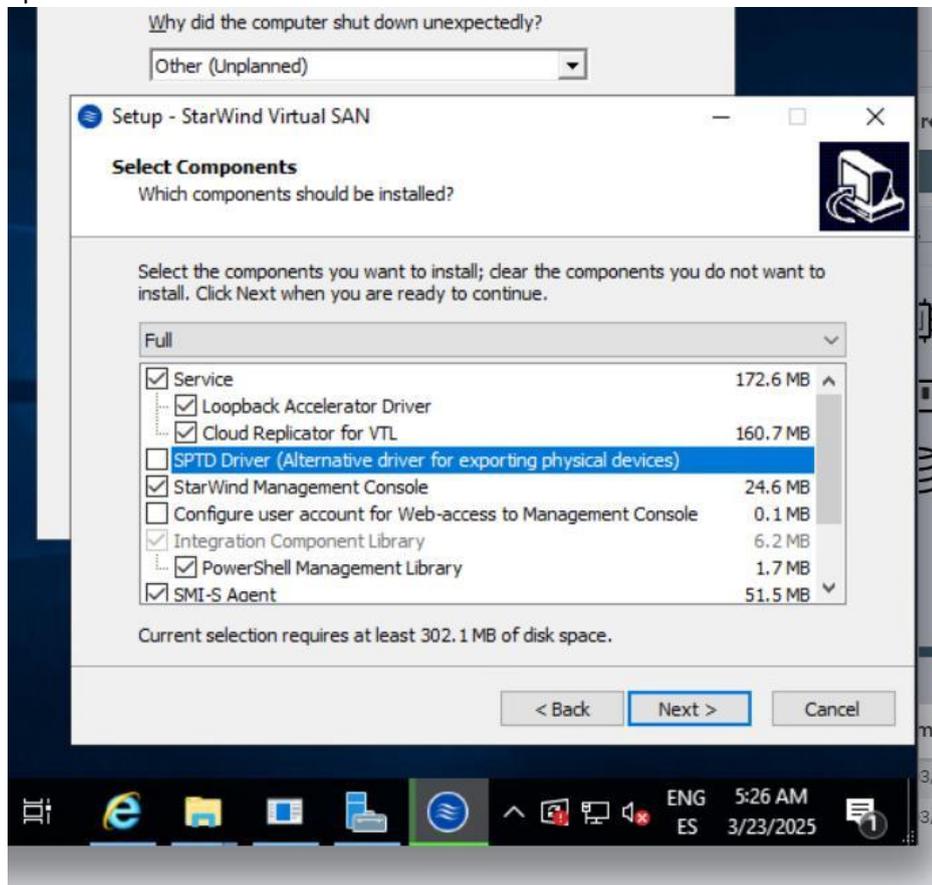
025 5:18 AM Application 140,647 KB
 025 5:21 AM Compressed (zipp... 2,590,982 KB



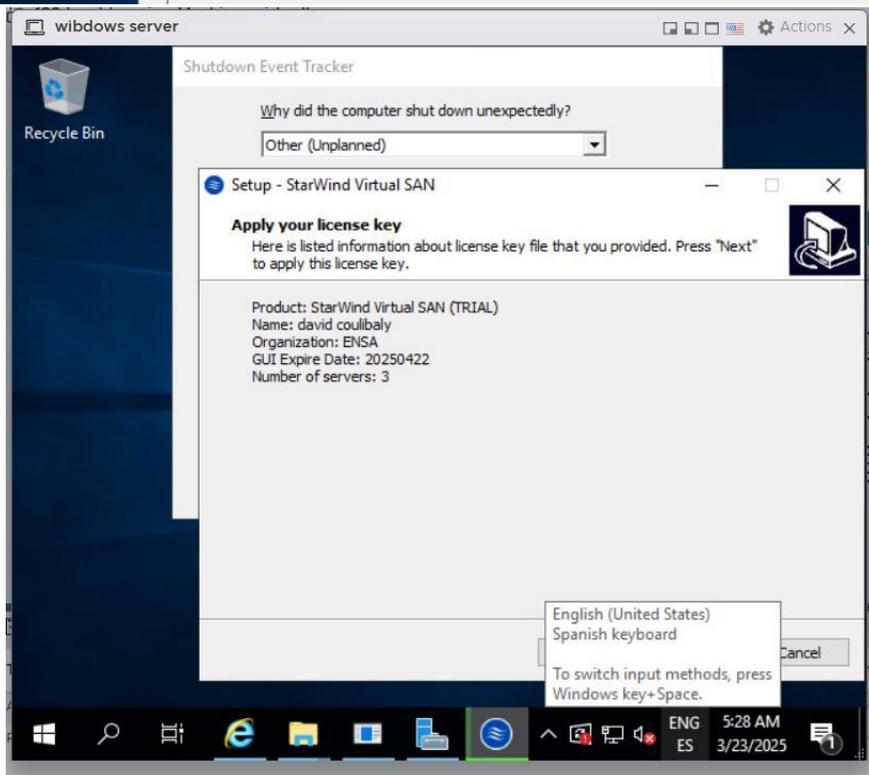
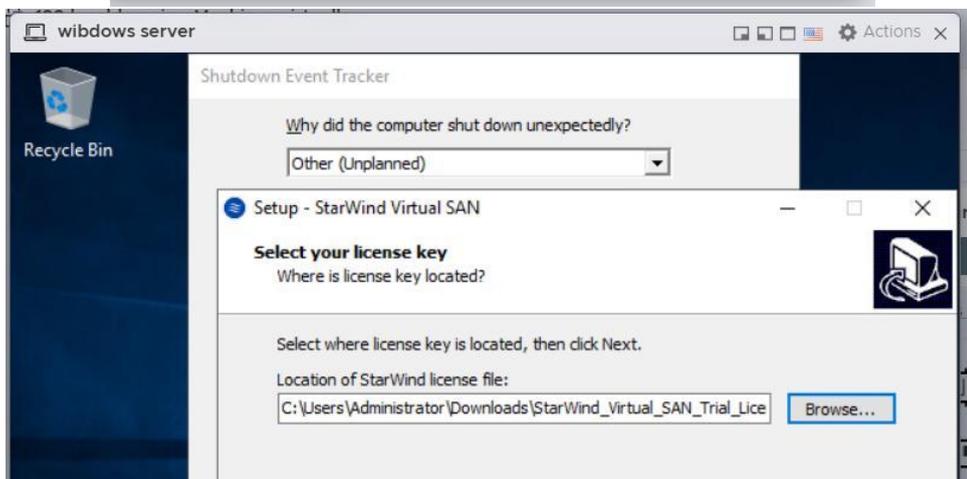
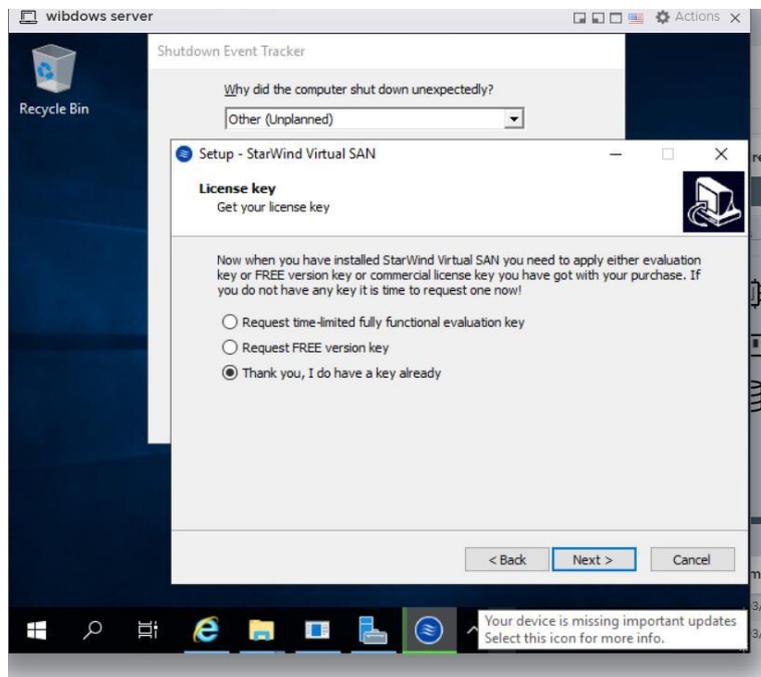
Configuration de Path ou starwinds va être stocké :



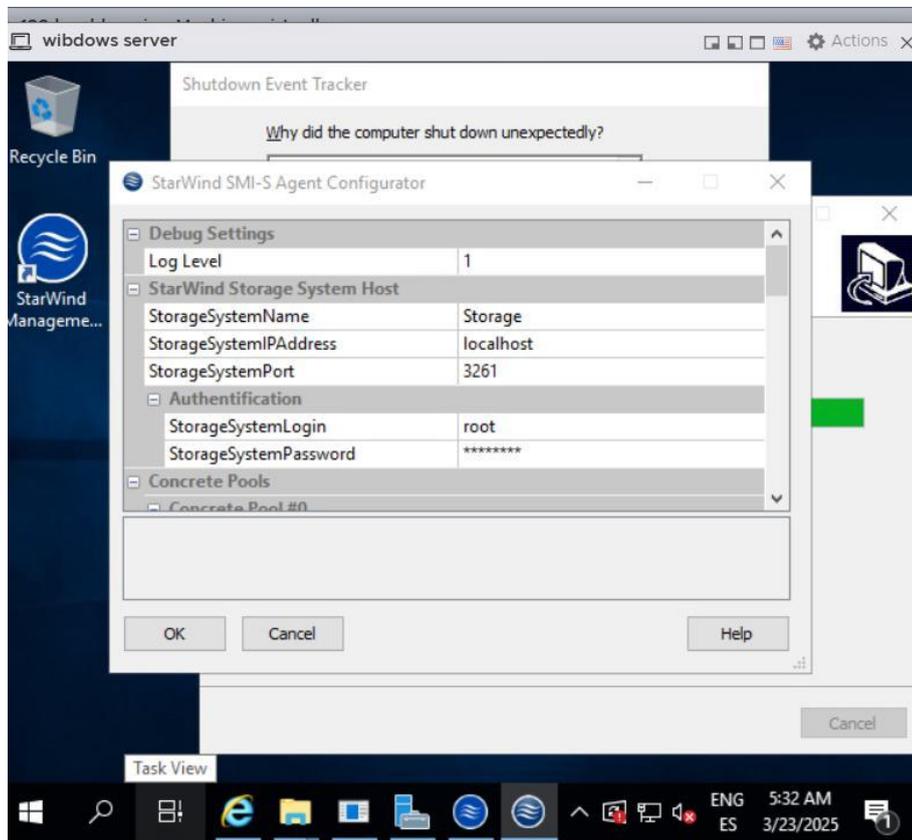
Sélectionnons les composants à installer avec :



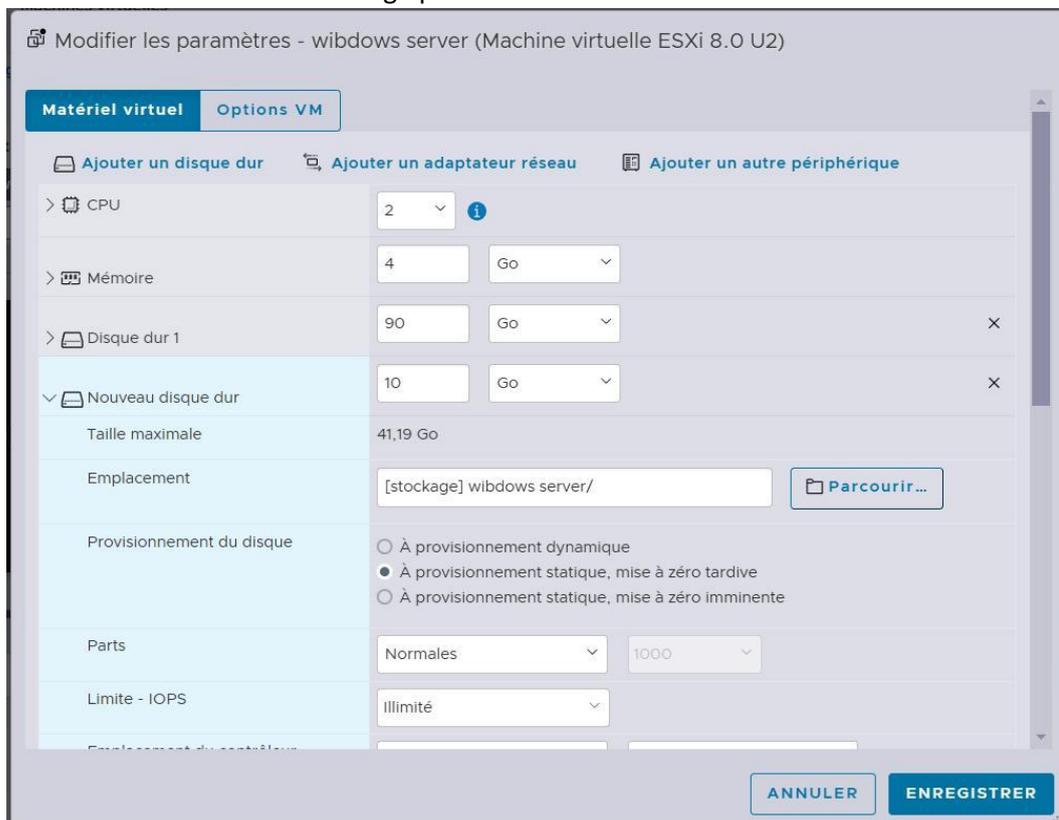
License key :



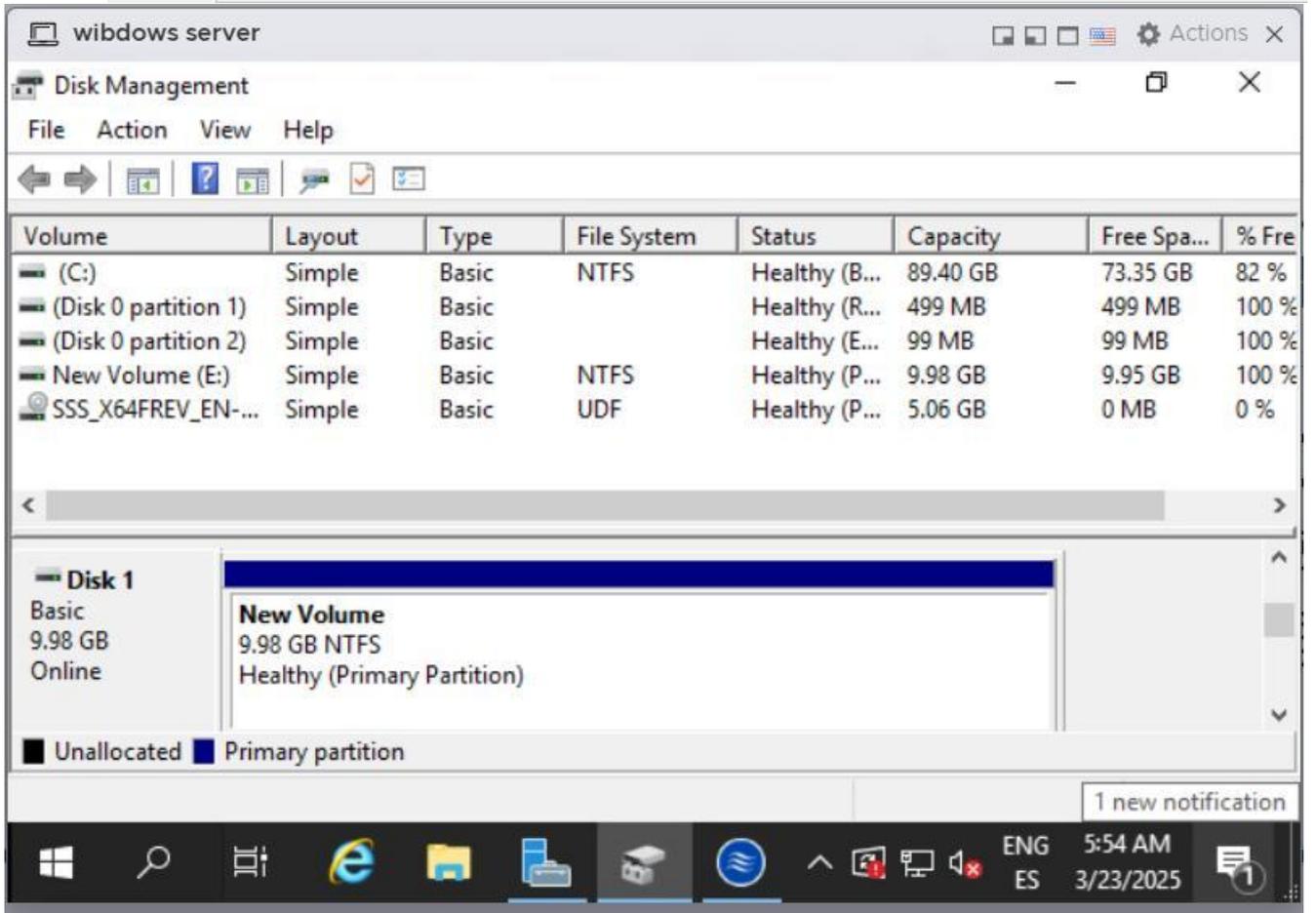
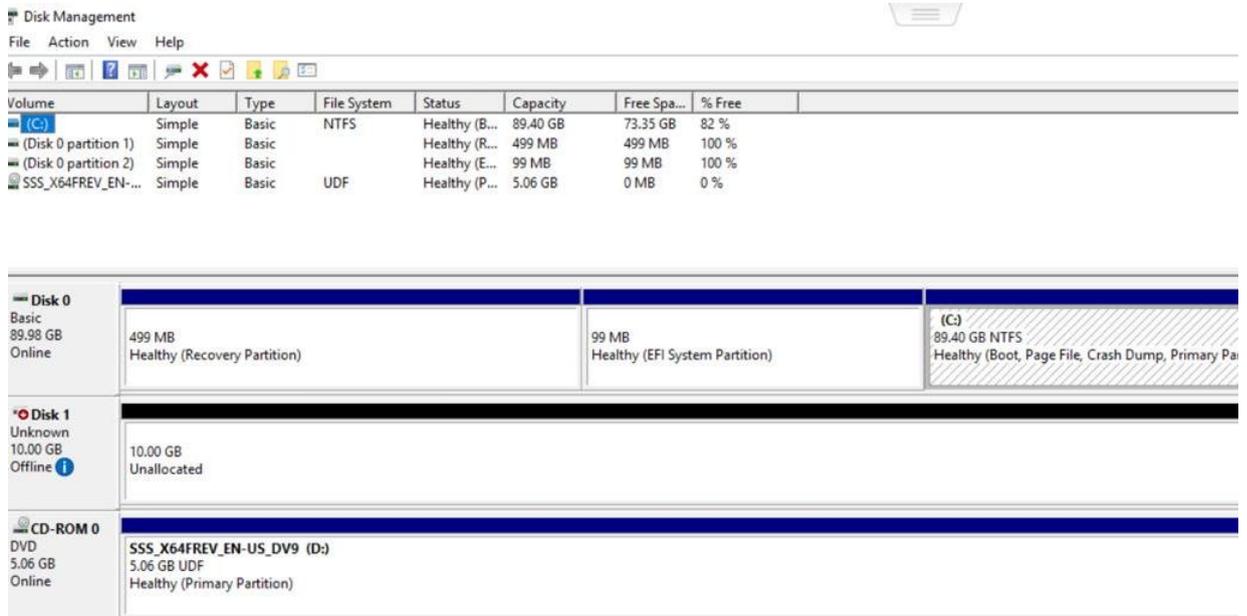
Configurons credentials :



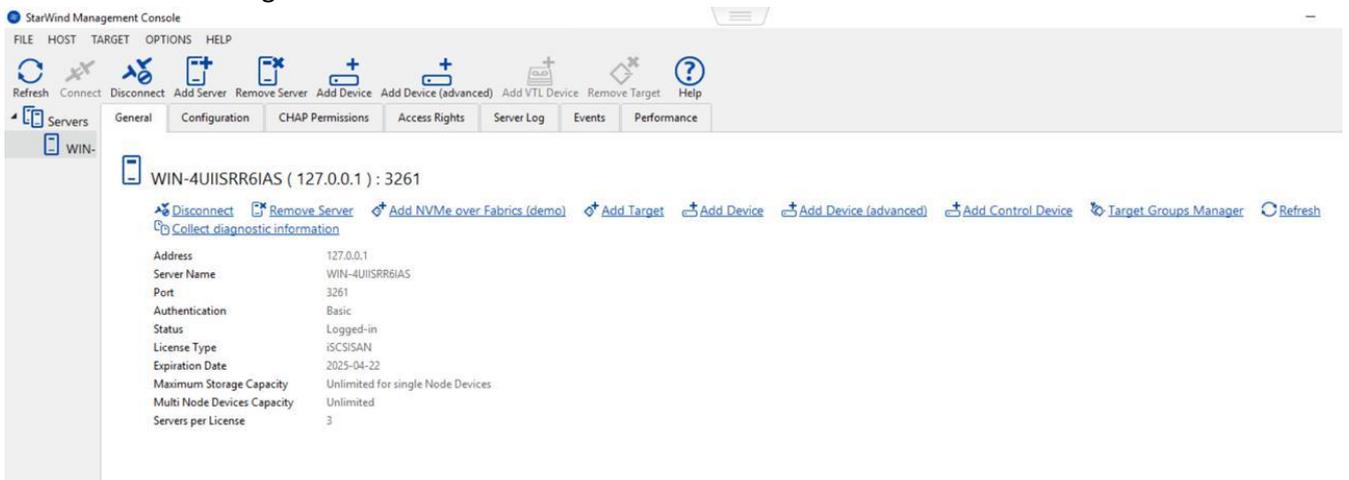
Ajoutons dans vmware esxi un nouveau stockage pour windows server :



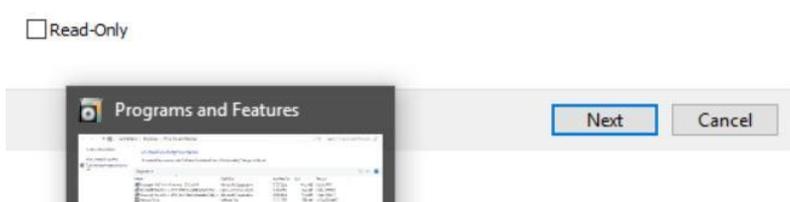
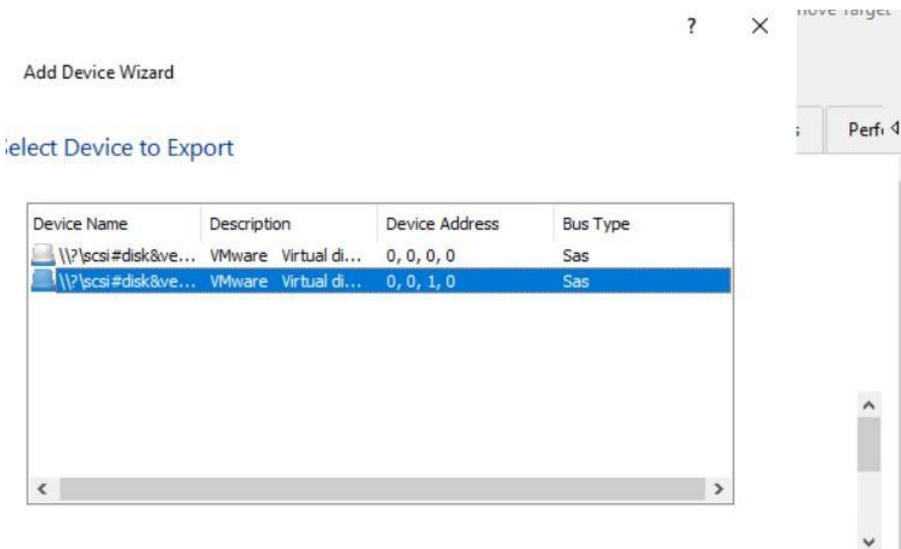
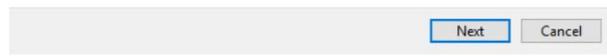
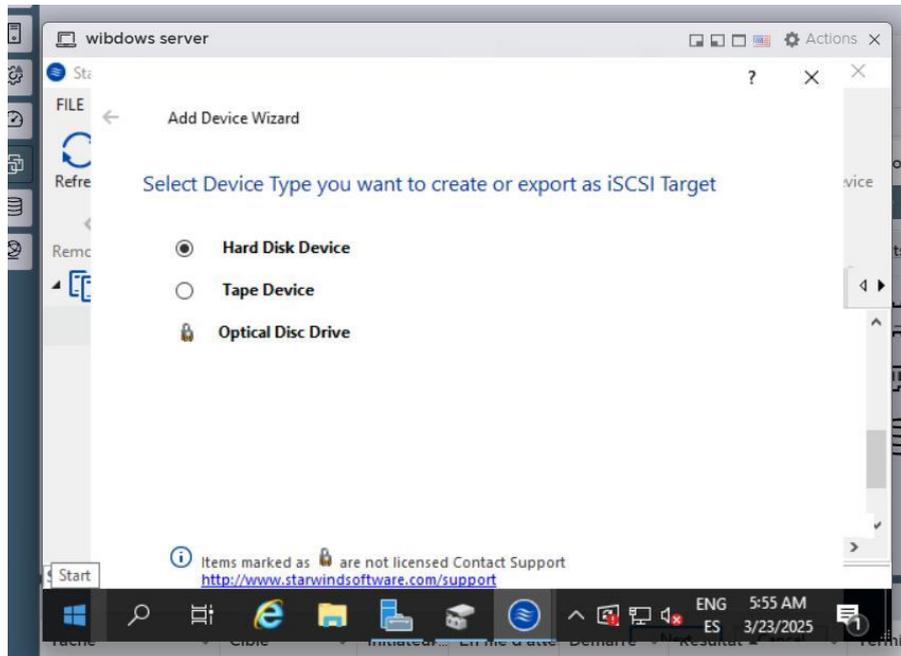
Vérifions stockage été bien ajouté a Windows sous tag (unlocated) , car on a pas configuré starwinds :



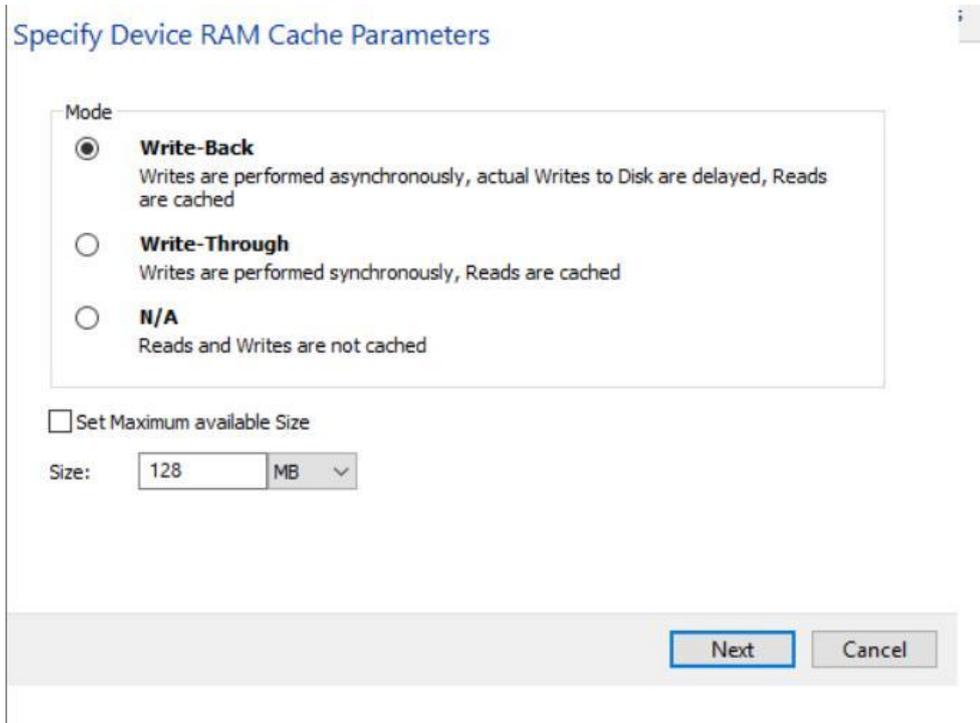
Dans starwinds management console :



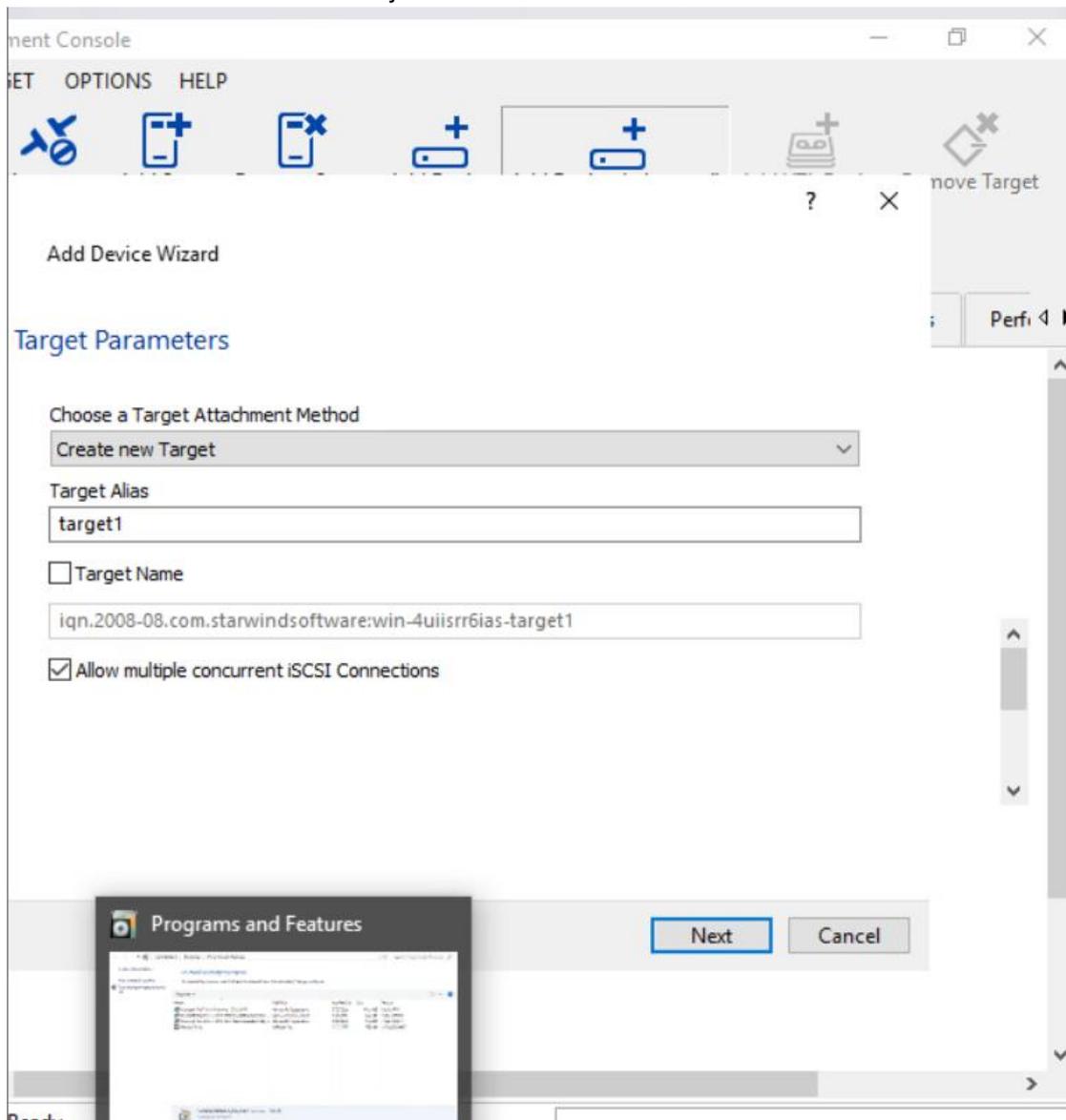
Ajoutons un nouveau disk :



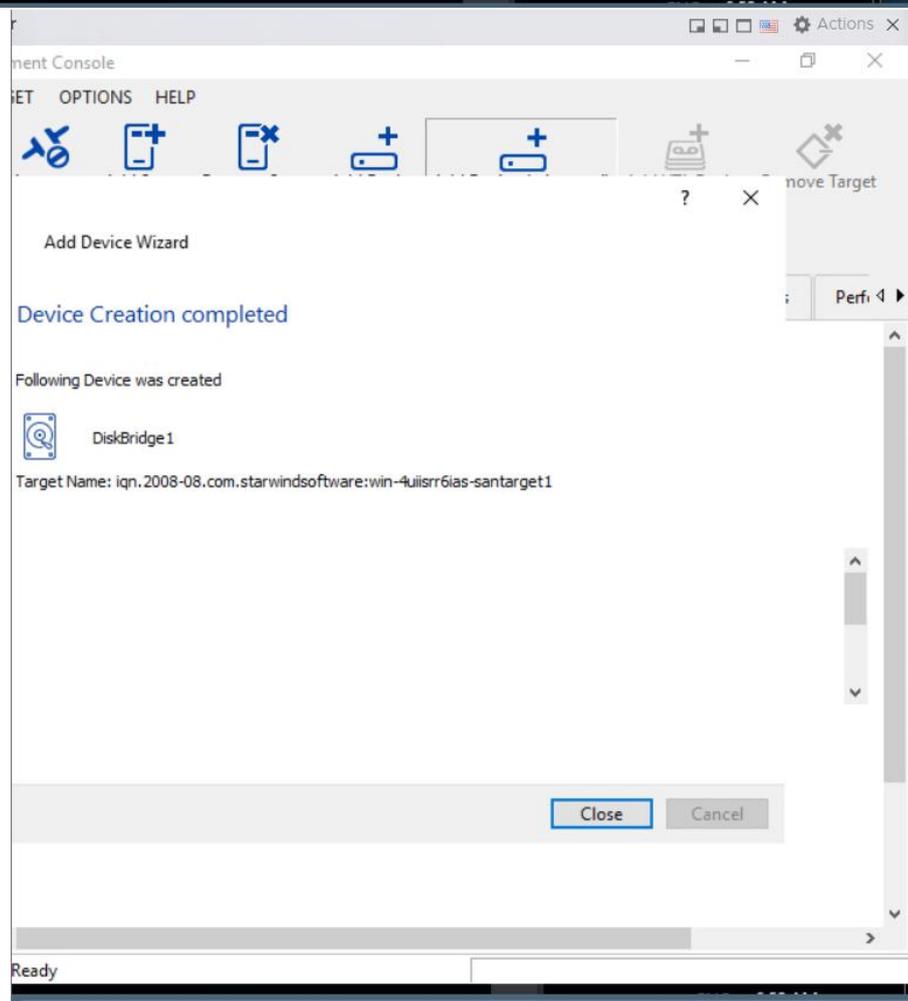
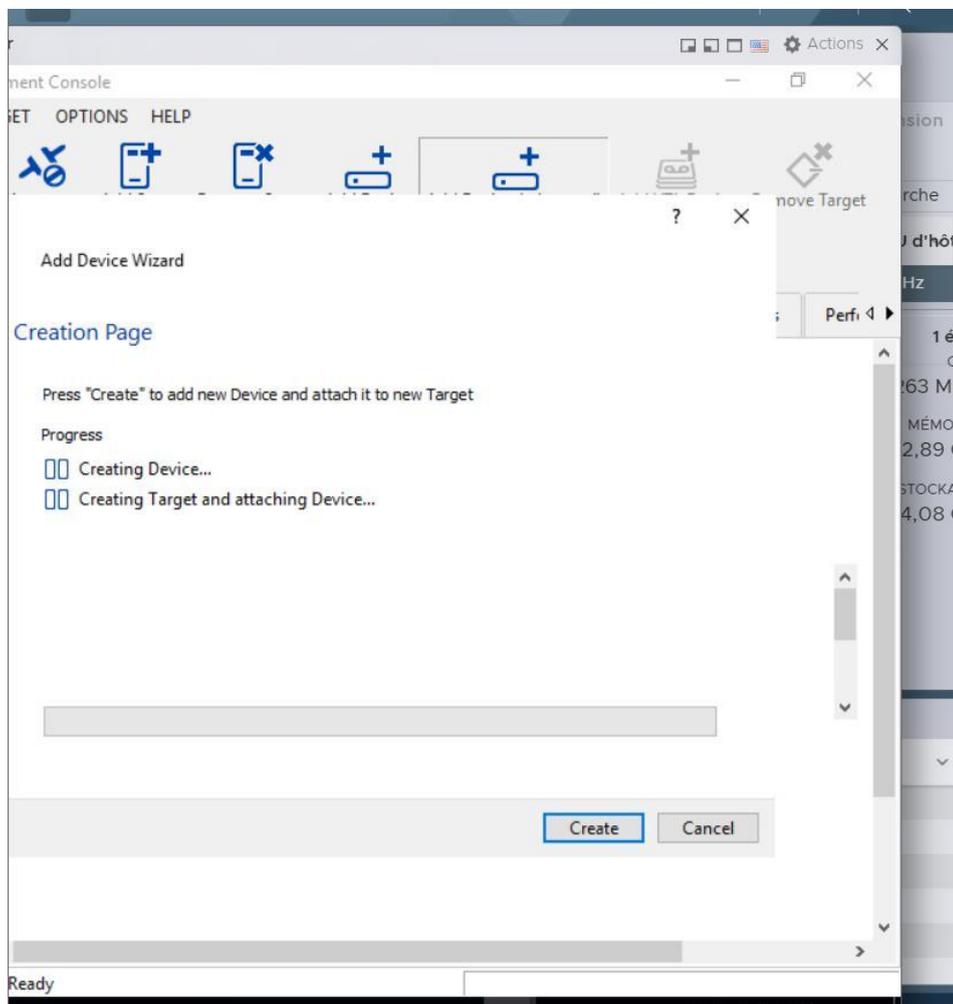
Nous choisissons le mode :



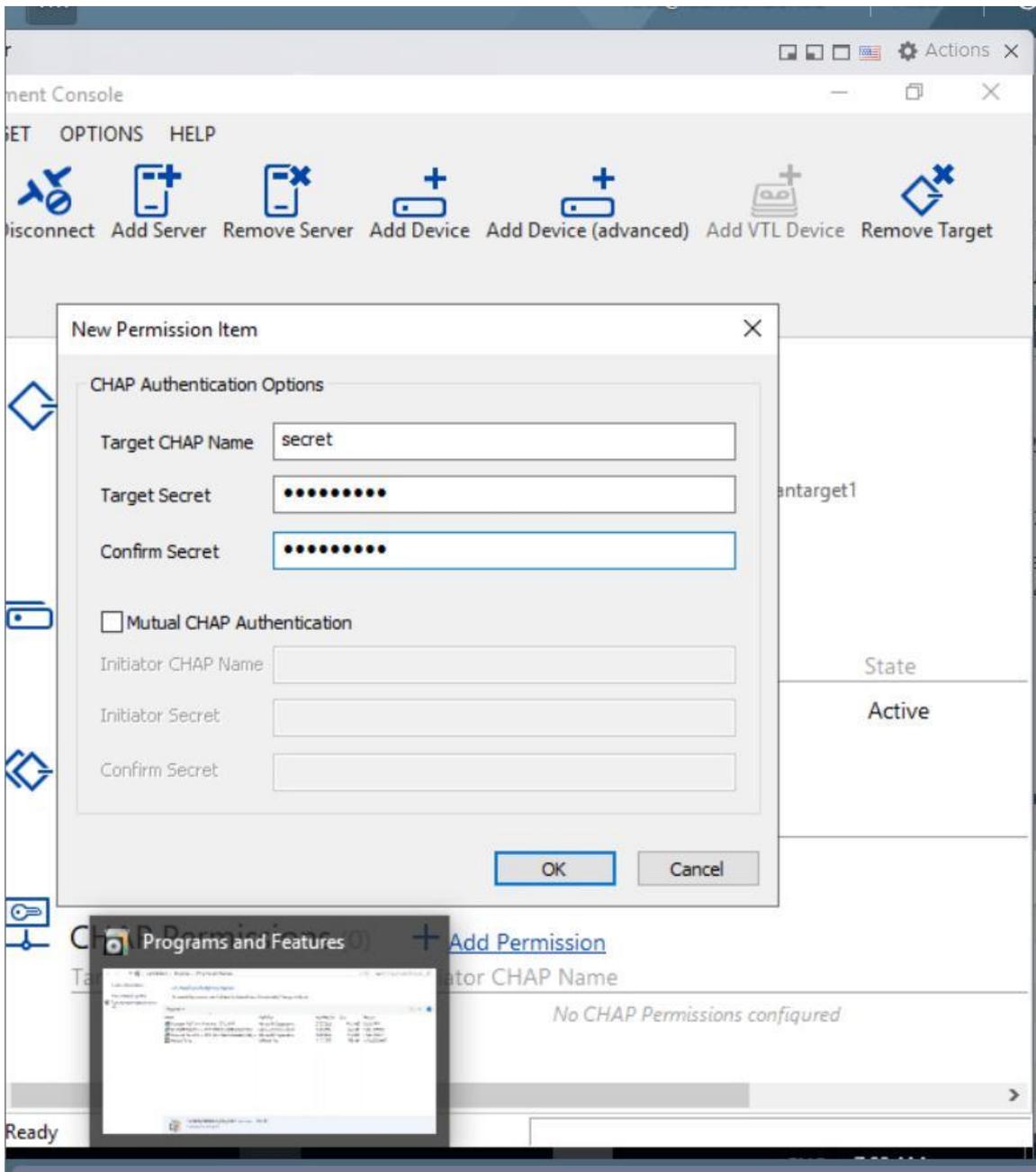
Ajoutons une nouvelle cible :



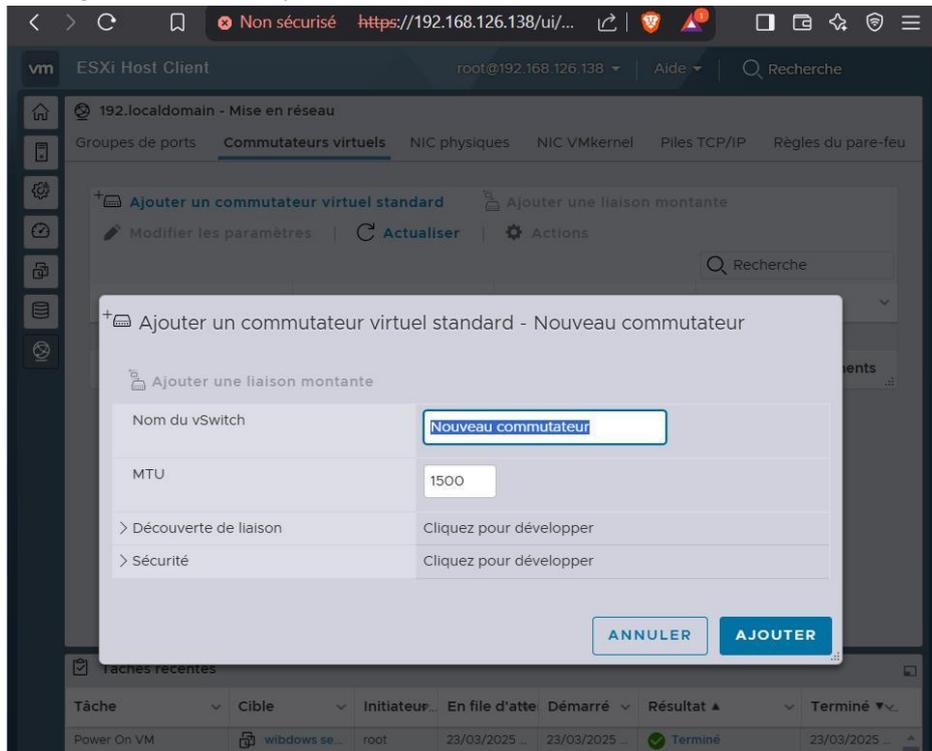
Créons le disk :



Mettons permissions pour la protection de cible :



Configurons le réseau par créer une interface virtuelle d'adresse 10.0.0.254 :



Ports actif ID du VLA Type vSwitch

Ajouter un groupe de ports - PortsSAN

Nom	PortsSAN
ID du VLAN	0
Commutateur virtuel	commutateurSAN
> Sécurité	Cliquez pour développer

ANNULER **AJOUTER**

192.localdomain - Mise en réseau

Ajouter une NIC VMkernel

Groupe de ports	PortsSAN
MTU	1500
Version IP	IPv4 uniquement
Paramètres IPv4	
Configuration	<input type="radio"/> DHCP <input checked="" type="radio"/> Statique
Adresse	10.0.0.254
Masque de sous-réseau	255.0.0.0
Pile TCP/IP	Pile TCP/IP par défaut
Services	<input type="checkbox"/> vMotion <input type="checkbox"/> Provisionnement <input type="checkbox"/> Journalisation de Fault Tolerance <input type="checkbox"/> Gestion <input type="checkbox"/> Réplication <input type="checkbox"/> Réplication NFC

ANNULER **CRÉER**

Nous étions bloqués à la partie et nous ne trouve pas la solution pour pinger du l'interface dans la partie reseau de esxi via Windows server :

```
C:\Users\Administrator>ping 10.0.0.254
```

```
Pinging 10.0.0.254 with 32 bytes of data:
```

```
Reply from 81.192.249.105: TTL expired in transit.
```

```
Reply from 81.192.249.105: TTL expired in transit.
```

```
Reply from 81.192.249.105: TTL expired in transit.
```

```
Reply from 81.192.249.105: TTL expired in transit.
```

```
Ping statistics for 10.0.0.254:
```

```
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
```

```
C:\Users\Administrator>
```

