



## **S5.B.01 Phase 4**

# **Déploiement Kubernetes**

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# I Cration du cluster avec Rancher

## I.A Installation de docker

```
sudo apt remove $(dpkg --get-selections docker.io docker-compose docker-doc podman-docker  
→ containerd runc | cut -f1)
```

```
# Add Docker's official GPG key:  
sudo apt update  
sudo apt install ca-certificates curl  
sudo install -m 0755 -d /etc/apt/keyrings  
sudo curl -fsSL https://download.docker.com/linux/debian/gpg -o /etc/apt/keyrings/docker.asc  
sudo chmod a+r /etc/apt/keyrings/docker.asc  
  
# Add the repository to Apt sources:  
sudo tee /etc/apt/sources.list.d/docker.sources <<EOF  
Types: deb  
URIs: https://download.docker.com/linux/debian  
Suites: $(. /etc/os-release && echo "$VERSION_CODENAME")  
Components: stable  
Signed-By: /etc/apt/keyrings/docker.asc  
EOF  
  
sudo apt update
```

```
sudo apt install docker-ce docker-ce-cli containerd.io docker-buildx-plugin  
→ docker-compose-plugin
```

## I.B Installation de rancher

```
docker run -d --restart=unless-stopped -p 80:80 -p 443:443 --name rancher --privileged  
→ rancher/rancher:latest
```