```
[ec2-user@ip-172-31-16-36 ~]$ sudo install minikube-linux-amd64 /usr/local/bin/minikube && rm minikube-linux-amd64
install: cannot stat 'minikube-linux-amd64': No such file or directory
[ec2-user@ip-172-31-16-36 ~]$ curl -LO "https://dl.k8s.io/release/$(curl -L -s https://dl.k8s.io/release/stable.txt)/bin/linux/amd64/kubec
tl"
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100   138  100   138    0     0   3053      0 --:--:-- --:--:-- --:--:--  3066
100 57.3M  100 57.3M    0     0    209M      0 --:--:-- --:--:-- --:--:--  209M
[ec2-user@ip-172-31-16-36 ~]$ sudo install -o root -g root -m 0755 kubectl /usr/local/bin/kubectl
[ec2-user@ip-172-31-16-36 ~]$ curl -LO https://github.com/kubernetes/minikube/releases/latest/download/minikube-linux-amd64
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
    0     0    0     0    0     0      0      0 --:--:-- --  0       0      0     0      0 --:--:-- --:--:-- --:--:--     0
    0     0    0     0    0     0      0      0 --:--:-- --:--:-- --:--:--     0
100  119M  100  119M    0     0    232M      0 --:--:-- --:--:-- --:--:--  232M
[ec2-user@ip-172-31-16-36 ~]$ sudo install minikube-linux-amd64 /usr/local/bin/minikube && rm minikube-linux-amd64[ec2-user@ip-172-31-16-3
6 ~]$ curl -fsSL https://raw.githubusercontent.com/helm/helm/main/scripts/get-helm-3 | bash
[WARNING] Could not find git. It is required for plugin installation.
Downloading https://get.helm.sh/helm-v3.17.3-linux-amd64.tar.gz
Verifying checksum... Done.
Preparing to install helm into /usr/local/bin
helm installed into /usr/local/bin/helm
```

```
[ec2-user@ip-172-31-16-36 ~]$ helm repo add kvaps https://kvaps.github.io/charts
"kvaps" has been added to your repositories
[ec2-user@ip-172-31-16-36 ~]$ helm repo update
Hang tight while we grab the latest from your chart repositories...
...Successfully got an update from the "kvaps" chart repository
Update Complete. ⎈Happy Helming!⎈
[ec2-user@ip-172-31-16-36 ~]$ helm install nfs-server kvaps/nfs-server-provisioner \
  --set persistence.enabled=true \
  --set persistence.size=1Gi \
  --set storageClass.name=nfs-sc \
  --set storageClass.defaultClass=true
Error: INSTALLATION FAILED: Kubernetes cluster unreachable: Get "http://localhost:8080/version": dial tcp 127.0.0.1:8080: connect: connect
ion refused
[ec2-user@ip-172-31-16-36 ~]$ sudo yum update -y
Amazon Linux 2023 Kernel 147 kB/s | 15 kB     00:00
Dependencies resolved.
Nothing to do.
Complete!
```

```
[ec2-user@ip-172-31-16-36 ~]$ sudo yum install docker -y
Last metadata expiration check: 0:01:07 ago on Wed Apr 23 22:00:59 2025.
Dependencies resolved.
================================================================
 Package          Arch    Version                 Repository   Size
================================================================
Installing:
 docker           x86_64 25.0.8-1.amzn2023.0.2   amazonlinux  45 M
Installing dependencies:
 containerd       x86_64 1.7.27-1.amzn2023.0.2   amazonlinux  37 M
 iptables-libs    x86_64 1.8.8-3.amzn2023.0.2    amazonlinux 401 k
 iptables-nft     x86_64 1.8.8-3.amzn2023.0.2    amazonlinux 183 k
 libcgroup        x86_64 3.0-1.amzn2023.0.1      amazonlinux  75 k
 libnetfilter_conntrack
                  x86_64 1.0.8-2.amzn2023.0.2    amazonlinux  58 k
 libnfnetlink     x86_64 1.0.1-19.amzn2023.0.2   amazonlinux  30 k
 libnftnl         x86_64 1.2.2-2.amzn2023.0.2    amazonlinux  84 k
 pigz             x86_64 2.5-1.amzn2023.0.3      amazonlinux  83 k
 runc             x86_64 1.2.4-1.amzn2023.0.1    amazonlinux 3.4 M


Transaction Summary
================================================================
Install  10 Packages


Total download size: 86 M
Installed size: 324 M
Downloading Packages:
(1/10): iptables-libs-1.8.8-3.a 9.8 MB/s | 401 kB      00:00
(2/10): iptables-nft-1.8.8-3.am 7.5 MB/s | 183 kB      00:00
```

```
[ec2-user@ip-172-31-16-36 ~]$ sudo service docker start
Redirecting to /bin/systemctl start docker.service
[ec2-user@ip-172-31-16-36 ~]$ sudo usermod -aG docker ec2-user
[ec2-user@ip-172-31-16-36 ~]$ minikube start --driver=docker
😄 minikube v1.35.0 on Amazon 2023.7.20250414
✨ Using the docker driver based on user configuration

🐳 Exiting due to PROVIDER_DOCKER_NEWGRP: "docker version --format <no value>-<no value>:<no value>" exit status 1: permission denied whil
e trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get "http://%2Fvar%2Frun%2Fdocker.sock/v1.44/version": dia
l unix /var/run/docker.sock: connect: permission denied
💡 Suggestion: Add your user to the 'docker' group: 'sudo usermod -aG docker $USER && newgrp docker'
📘 Documentation: https://docs.docker.com/engine/install/linux-postinstall/

[ec2-user@ip-172-31-16-36 ~]$ table https://charts.helm.sh/stable
-bash: table: command not found
[ec2-user@ip-172-31-16-36 ~]$ helm repo add stable https://charts.helm.sh/stable
"stable" has been added to your repositories
[ec2-user@ip-172-31-16-36 ~]$ helm install nfs-server stable/nfs-server-provisioner  --set persistence.enabled=true  --set persistence.s
ize=1Gi  --set storageClass.name=nfs-storage
WARNING: This chart is deprecated
Error: INSTALLATION FAILED: Kubernetes cluster unreachable: Get "http://localhost:8080/version": dial tcp 127.0.0.1:8080: connect: connect
ion refused
```

Przez to, że musiałem zrefreshować konsole AWS straciłem logi z wersji która działa, niestety nie udało mi się odtworzyć poprawnej wersji (która nie działa dla URL tylko dla konsoli AWS). A więc daje to co mi wyszło.

```
[ec2-user@ip-172-31-37-73 ~]$ curl http://localhost:8080
<h1>Hello from NFS!</h1>
```

Link do repozytorium:

https://github.com/pawelsurdyka/LSC