## Łukasz Chudy 92844

## plik.yaml

```
apiVersion: v1
kind: Pod
metadata:
 name: sidecar-pod
 namespace: lab3
spec:
  containers:
  - name: busybox-container
   image: busybox
   command: ["/bin/sh", "-c", "while true; do date >> /var/log/date.log; sleep 5; done"]
    volumeMounts:
    - name: shared-volume
      mountPath: /var/log
  - name: nginx-container
   image: nginx
   volumeMounts:
    - name: shared-volume
      mountPath: /usr/share/nginx/html
  volumes:
  - name: shared-volume
    hostPath:
      path: /shared-folder
```

## Polecenia:

```
minikube start
cd "D:\Studia IX\3. Programowanie full-stack w chmurze\2023-10-17_Lab_3\Sprawozdanie"
kubectl create namespace lab3
kubectl create -f plik.yaml
kubectl get pods --all-namespaces -o wide
```

Tutaj trochę eksperymentowałem, nie określiłem w port-forward namespace i mi błędy wyskakiwały. Możliwe że to polecenie nie jest potrzebne.

```
kubectl apply -f plik.yaml
kubectl port-forward -n lab3 sidecar-pod 8080:80
```

PS D:\Studia IX\3. Programowanie full-stack w chmurze\2023-10-17\_Lab\_3\Sprawozdanie> kubectl port-forward -n lab3 sidecar-pod 8080:80 Forwarding from 127.0.0.1:8080 -> 80 Forwarding from [::1]:8080 -> 80 Handling connection for 8080 Handling connection for 8080

```
date.log - Notatnik
Plik Edycja Format Widok Pomoc
Tue Oct 24 08:08:03 UTC 2023
Tue Oct 24 08:08:08 UTC 2023
Tue Oct 24 08:08:13 UTC 2023
Tue Oct 24 08:08:18 UTC 2023
Tue Oct 24 08:08:23 UTC 2023
Tue Oct 24 08:08:28 UTC 2023
Tue Oct 24 08:08:33 UTC 2023
Tue Oct 24 08:08:38 UTC 2023
Tue Oct 24 08:08:43 UTC 2023
Tue Oct 24 08:08:48 UTC 2023
Tue Oct 24 08:08:53 UTC 2023
Tue Oct 24 08:08:58 UTC 2023
Tue Oct 24 08:09:03 UTC 2023
Tue Oct 24 08:09:08 UTC 2023
Tue Oct 24 08:09:13 UTC 2023
Tue Oct 24 08:09:18 UTC 2023
Tue Oct 24 08:09:23 UTC 2023
Tue Oct 24 08:09:28 UTC 2023
Tue Oct 24 08:09:33 UTC 2023
Tue Oct 24 08:09:38 UTC 2023
Tue Oct 24 08:09:43 UTC 2023
Tue Oct 24 08:09:48 UTC 2023
Tue Oct 24 08:09:53 UTC 2023
```

```
StatusCode
                  : 200
StatusDescription : OK
Content
                 : {84, 117, 101, 32...}
                  : HTTP/1.1 200 OK
RawContent
                    Connection: keep-alive
                    Accept-Ranges: bytes
                    Content-Length: 8613
                    Content-Type: application/octet-stream
                    Date: Tue, 24 Oct 2023 08:32:45 GMT
                    ETag: "6537812b-21a5"
                    Last-Modified: ...
                  : {[Connection, keep-alive], [Accept-Ranges, bytes], [Content-Length, 8613], [Content-Type, applicati
Headers
                    on/octet-stream]...}
RawContentLength : 8613
PS C:\Users\lukas> _
```

```
PS C:\Users\lukas> kubectl get pods -n lab3
NAME READY STATUS RESTARTS AGE
sidecar-pod 2/2 Running 0 37m
PS C:\Users\lukas> _
```

```
kubectl exec -it -n lab3 sidecar-pod -c nginx-container
kubectl port-forward -n lab3 sidecar-pod 8081:80 &
```