

# Sprawozdanie nieobowiązkowe z laboratorium numer 3

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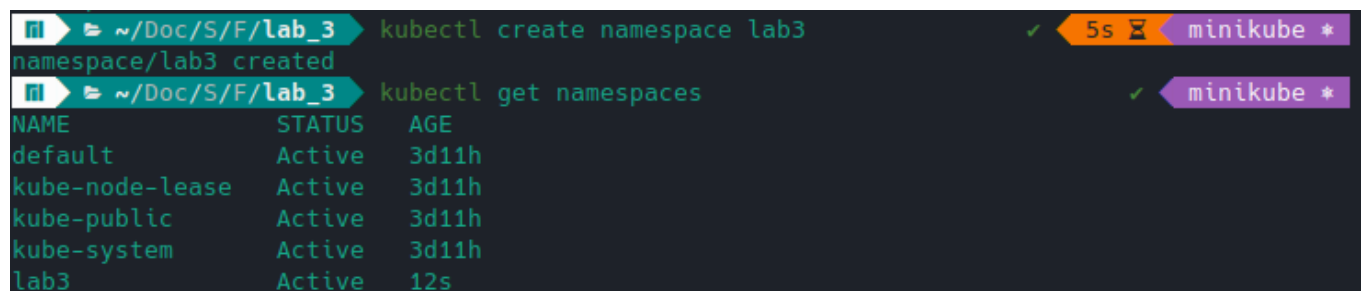
Kacper Adamiak

[https://github.com/Kacper-adamiak/full\\_stack\\_lab\\_3](https://github.com/Kacper-adamiak/full_stack_lab_3)

Zawartość pliku sidecar-pod-lab3.yaml

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

Utworzenie przestrzeni nazw lab3



The terminal screenshot shows two commands being executed in a Minikube environment. The first command, `kubectl create namespace lab3`, successfully creates the namespace. The second command, `kubectl get namespaces`, lists all namespaces, showing that 'lab3' has been created and is in an 'Active' state.

NAME	STATUS	AGE
default	Active	3d11h
kube-node-lease	Active	3d11h
kube-public	Active	3d11h
kube-system	Active	3d11h
lab3	Active	12s

Utworzenie wielokontenerowego pod-a o nazwie sidecar-pod w przestrzeni nazw lab3

```
~/Doc/S/F/lab_3 ➤ kubectl create -f sidecar-pod-lab3.yaml
pod/sidecar-pod created
~/Doc/S/F/lab_3 ➤ kubectl get pods -n lab3
NAME          READY   STATUS    RESTARTS   AGE
sidecar-pod   2/2     Running   0           12s
```

Wykonanie polecenia port forward w celu uzyskania dostępu z hosta

```
~/Doc/S/F/lab_3 ➤ kubectl port-forward sidecar-pod 8080:80 -n lab3
Forwarding from 127.0.0.1:8080 -> 80
Forwarding from [::1]:8080 -> 80
Handling connection for 8080
```

Wykonanie polecenia curl celem podejrzenia pliku date.log

```
curl localhost:8080/date.log
```

```

Fri Oct 20 21:56:08 UTC 2023
Fri Oct 20 21:56:13 UTC 2023
Fri Oct 20 21:56:18 UTC 2023
Fri Oct 20 21:56:23 UTC 2023
Fri Oct 20 21:56:28 UTC 2023
Fri Oct 20 21:56:33 UTC 2023
Fri Oct 20 21:56:38 UTC 2023
Fri Oct 20 21:56:43 UTC 2023
Fri Oct 20 21:56:48 UTC 2023
Fri Oct 20 21:56:53 UTC 2023
Fri Oct 20 21:56:58 UTC 2023
Fri Oct 20 21:57:03 UTC 2023
Fri Oct 20 21:57:08 UTC 2023
Fri Oct 20 21:57:13 UTC 2023
```

```
~/Doc/Studia/Full Stack/lab 3 ➤
```