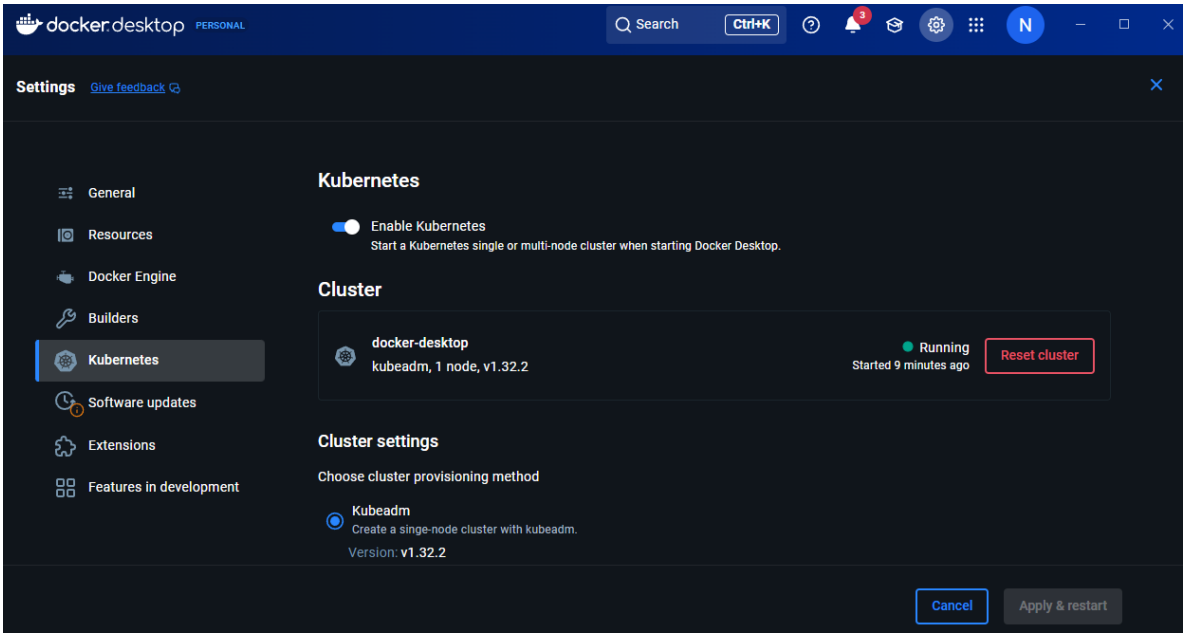
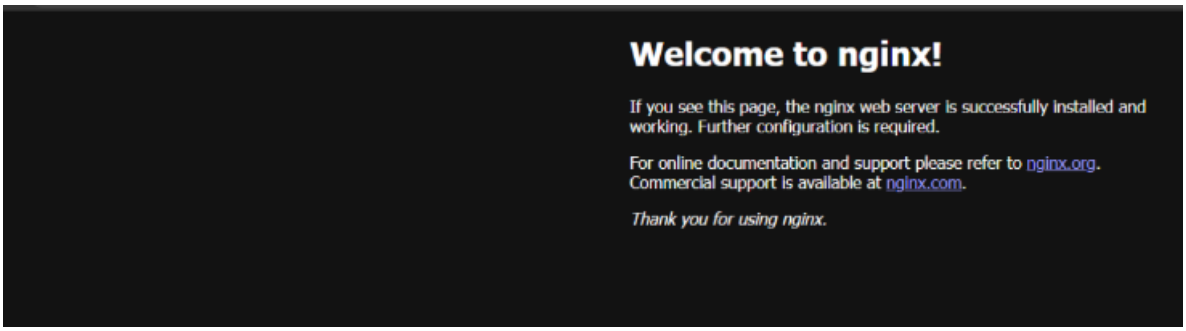
Kubernetes 1 nivel básico



Deployment con nginx

```
PS C:\Users\Santiago> kubectl expose deployment nginx-deploy --type=NodePort --port=80
>>
Error from server (NotFound): deployments.apps "nginx-deploy" not found
PS C:\Users\Santiago> kubectl create deployment nginx-deploy --image=nginx
>>
deployment.apps/nginx-deploy created
PS C:\Users\Santiago> kubectl get pods
>>
NAME                            READY   STATUS    RESTARTS   AGE
nginx-deploy-c9d9f6c6c-848m6    1/1     Running   0          5s
PS C:\Users\Santiago> kubectl expose deployment nginx-deploy --type=NodePort --port=80
>>
service/nginx-deploy exposed
PS C:\Users\Santiago> kubectl get services
>>
NAME           TYPE        CLUSTER-IP     EXTERNAL-IP   PORT(S)        AGE
kubernetes     ClusterIP   10.96.0.1      <none>        443/TCP        14h
nginx-deploy   NodePort    10.106.55.97   <none>        80:31430/TCP   5s
PS C:\Users\Santiago>
```



```
>> C:\Users\Santiago>
deployment.apps/nginx-deploy scaled
PS C:\Users\Santiago> kubectl get pods
>>
NAME                            READY   STATUS    RESTARTS   AGE
nginx-deploy-c9d9f6c6c-848m6    1/1     Running   0          6m34s
nginx-deploy-c9d9f6c6c-fs4vs    1/1     Running   0          7s
nginx-deploy-c9d9f6c6c-t29tg    1/1     Running   0          7s
```

```
PS C:\Users\Santiago> kubectl delete deployment nginx-deploy
>>
deployment.apps "nginx-deploy" deleted
```