

Exercise 1

1.

Introduce yourself in the “icebreaker discussion board”.

- Your name
- Where you live (just your town, state, country)
- What you do for a living
- Why are you taking this course, what do you hope to get out of it
- What is your technical background
- Have you been employed as a DevOps Engineer (or had a similar role)? If so, give a few sentences describing your background.

2.

Install kubernetes on your PC. “[Docker desktop](#)” is a relatively easy way to run kubernetes in [Windows](#) and Mac. In Windows you will need to enable WSL2 (Windows system for Linux) as described [here](#).

You are free to run Kubernetes using other mechanisms (minikube, Linux, etc.), but docker desktop is straightforward.

Once kubernetes is installed, run the “hello world” pod as described in the [kubernetes documentation](#) (steps 1-5).

You should run:

1. `kubectl create deployment hello-node --image=k8s.gcr.io/echoserver:1.4`
2. `kubectl get deployments`
3. `kubectl get pods`
4. `kubectl config view`

Submit output of those commands 1-4 above. Describe your experience installing and running kubernetes. What problems did you run into and how did you solve them?

Our first chat session will be Sunday at 8.

Use the discussion board for questions.