

Containers K8s Setup Guide

WARNING: you cannot copy paste from this document, but will have to type all commands.

1. Make sure you have either a fully installed Ubuntu 20.04 (virtual) machine.
 - a. 8 GB RAM recommended, 4 GB RAM minimal
 - b. 2 CPU cores
 - c. 20 GB minimal disk space
2. Install git, vim and bash completion
 - a. On Ubuntu: **sudo apt install git vim**
3. As ordinary user with sudo privileges, clone the course Git repository
 - a. **git clone https://github.com/sandervanvugt/kubernetes** for Kubernetes in 4 Hours
4. Change into the cloned git repo and run the **minikube-docker-setup.sh** script
 - a. **cd kubernetes**
 - b. **./minikube-docker-setup.sh**
5. When you see the message that the script is ready, manually run the following command:
 - a. **minikube start --memory 4096 --vm-driver=docker**
6. Once Minikube has started successfully, you'll see a message that it has started. Type **kubectl get all** to verify the minikube cluster is up and running