

Prerequisites for the Lab

- Internet Access
- PC with at least:
 - 4 Core CPU
 - 16GB of RAM
 - 30GB of free Disk Space

Installing VirtualBox

Getting set up

Before we dive into the Labs, you need to be able to run the provided Lab VM. It contains a Minikube cluster and all the configurations for the subsequent labs.

Part 1 - Install VirtualBox

If you do not already have VirtualBox installed, install it for your OS now:

It is important that you use a version equal or newer than 6.0.14!

- macOS [VirtualBox](#), VMware Fusion, HyperKit
 - Linux [VirtualBox](#), KVM
 - Windows [VirtualBox](#), Hyper-V
-

Part 2 - Download the Lab VM on your PC

The VM is an 11GB zip file that has to be downloaded.

Option 1: Download with Aspera (recommended)

The easiest way to download the file is with IBM Aspera high-speed transfer solution.

Download it here:

https://aspera.pub/zM7YiFk/k8s_training

Option 2: Download from Box (not recommended)

The easiest way to install Minikube on macOS is using Homebrew.

Download it here:

https://aspera.pub/zM7YiFk/k8s_training

Part 3 - Starting the VM

1. Import the VM

We can now import the VM by double-clicking on the UbuntuTraining.vbox file.

2. Start the VM

You can now start the VM from the Virtual Box interface.

Part 3 - Testing the VM

1. When the VM is up and running you can login with

User: training

Pwd: passw0rd

2. You can now open the Firefox browser in the VM and check that you can open a webpage (google.com for example)