Lesson Guide - Introduction to Kubernetes YAML Files

Kubernetes uses YAML files to define the resources that make up containers and pods. Podman is able to work with these YAML files, enabling interoperability between Podman and Kubernetes. In this lesson, we're going to examine what makes up a basic YAML configuration file in Kubernetes. Upon completion of this lesson, you will have a basic understanding of simple Kubernetes YAML configuration files.

Resources

What is Kubernetes? - Kubernetes

Understanding Kubernetes Objects - Kubernetes

Introduction to YAML: Creating a Kubernetes deployment - Mirantis Blog

podman-generate-kube

podman-play-kube

MicroK8s

How to install MicroK8s on Red Hat Enterprise Linux