

# Red Hat OpenShift Development I: Introduction to Containers with Podman

## Table of Content

### **Introduction and Overview of Containers**

Describe how containers facilitate application development.

### **Podman Basics**

Manage and run containers with Podman.

### **Container Images**

Navigate container registries to find and manage container images.

### **Custom Container Images**

Build custom container images to containerize applications.

### **Persisting Data**

Build persistent databases.

### **Container Networking**

Describe basic container networking and how to access containerized services.

### **Troubleshooting Containers**

Analyze container logs and configure a remote debugger.

### **Multi-Container Applications with Compose**

Run multi-container applications using Compose.

### **Container Orchestration with Kubernetes and OpenShift**

Orchestrate containerized applications with Kubernetes and OpenShift.