



Red Hat - Linux

RH270: Managing Containers with Red Hat Enterprise Linux Atomic Host

Learn how to deploy and manage applications in a Docker containerized environment in this 3-day Red Hat Enterprise Linux Atomic Host training course.

\$2,400.00

- 3 Days

Upcoming Dates

Course Description

Students will install and update Red Hat Enterprise Linux Atomic Host on a server, and deploy and manage applications in a Docker containerized environment.

Managing Containers with Red Hat® Enterprise Linux® Atomic Host (RH270) is designed for experienced Linux administrators, architects, and developers who want to manage containerized applications using the Docker command and Kubernetes.

Course Outline

Install Red Hat Enterprise Linux Atomic

Install Red Hat Enterprise Linux Atomic Host software on a server.

Update Red Hat Enterprise Linux Atomic

Subscribe to Red Hat Network and update Red Hat Enterprise Linux Atomic Host software.

Manage Containers

Download, deploy, customize, and save a container image.

Publish Custom Container Images in a Private Image Registry

Build container images using Dockerfile and publish them using a private image registry.

Deploy Multitiered Applications with containers and Kubernetes

Deploy a multitiered application using containers and Kubernetes.

Replicate Multitiered Applications

Deploy flannel to allow for a multitiered application to be replicated on multiple hosts.

Troubleshoot Red Hat Enterprise Linux Atomic

Use support tools available to Red Hat Enterprise Linux Atomic Host to diagnose problem.

Audience

This course is intended for veteran Linux administrators, architects, and developers wishing to learn how to deploy and manage applications in a Docker containerized environment using Red Hat Enterprise Linux Atomic Host.

Prerequisites

[Red Hat Certified System Administrator \(RHCSA\) certification](#) or equivalent experience is required.

For candidates who have not earned their RHCSA, confirmation of the correct skills and knowledge can be obtained by passing the online skills assessment.

What You Will Learn

After completing this course, students will learn how to:

- Install and manage Red Hat Enterprise Linux Atomic Host
- Manage Linux containers
- Build custom container images with Dockerfile
- Publish container images with a private Docker registry
- Deploy multitiered containerized applications with Kubernetes
- Troubleshoot Red Hat Enterprise Linux Atomic Host