Managing Containers with Red Hat Enterprise Linux Atomic Host (RH270)

Modality: Virtual Classroom

Duration: 3 Days

Course Objectives:

- 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

Audience:

If you are an experienced Linux administrator, developer, or an architect who aspires to learn to deploy and manage a range of apps utilizing Red Hat Enterprise in a Docker environment, this course is for you.

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.

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.