



## Docker Training

The Docker training program leverages the pedagogical approach of learning by doing with extensive hands-on labs, enterprise-focused scenarios, and practical examples. Docker training courses are updated regularly to ensure that learners are exposed to the latest product releases and current best practices informed by Docker's extensive field experience.

Each course features a variety of assessment instruments from practice quiz questions, lab exercises, to project-based signature assignment for learners to practice and meet the learning objectives of each course.

## Course Description

As the follow-on to the Docker Fundamentals course, Docker for Enterprise Operations is a role-based course designed for Docker Operations teams to accelerate their Docker journey in the enterprise. The course covers in-depth core advanced features of Docker EE and best practices to apply these features at scale with enterprise workloads.

It is highly recommended to complete the Docker Fundamentals course as a pre-requisite.

## Learning Objectives

By the end of the course successful learners will be able to:

- Identify the key features of UCP and DTR
- Build a complete, basic software supply chain using UCP and DTR that includes CI/CD, content trust, and image scanning.
- Describe the methodological differences between managing containers and managing virtual machines.
- Deploy applications on Swarm or Kubernetes orchestrators vis UCP

## Who Should Attend

IT professionals with an operations or system administration background who have already attended Docker Fundamentals or have equivalent experience, desiring to understand designing, deploying, and managing Docker containers at scale in an enterprise environment.

## Course Outline

### Day 1

- Introduction to Docker Enterprise Edition
- Universal Control Plane
- User Management & Access Control
- UCP Orchestration
- Service Mesh
- Logging
- Application Health & Readiness Checks

### Day 2

- Docker Trusted Registry
- DTR Organizations and Teams
- Content Trust
- Image Security Scanning
- Repository Automation
- Image Caching
- Operations Signature Assignment