Docker for Enterprise Developers

As the follow-on to the Docker Fundamentals course, Docker for Enterprise Developers is a role-based course designed for an organization’s Development and DevOps teams to accelerate their Docker journey in the enterprise. The course covers best practices to containerize and modernize legacy applications or build containerized applications from scratch that are secure, robust, highly available, resilient and self-healing. It is highly recommended to complete the Docker Fundamentals course as a pre-requisite. Platform Availability: Linux

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

- Describe the essential patterns used in a highly distributed EE application
- Understand how to configure EE applications for different environments without code changes
- Produce and containerize scalable, accessible, and fault-tolerant EE applications
- Apply different debugging and testing techniques to containerized EE applications

Who Can Benefit
Software Engineers and DevOps professionals working in an Enterprise developing mission critical line of business applications

Course Details

Course Outline
Day 1

- Distributed Application Architecture
- Sample Application
- Edit and Continue
- Debugging
- Docker Compose
- Testing
- Service Discovery
- Defensive Programming
- Logging and Error Handling
Day 2

- Health Checks
- Secrets
- Configuration Management
- Development Pipeline Overview
- Universal Control Plane
- Docker Trusted Registry
- Repository Automation
- Build Server