
Docker For Enterprise Developers

Duration: 2 Days Course Code: DOCK6019

Overview:

As the follow-on to our [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. This course is meant for developers and DevOps teams wanting to learn how to containerize and modernize legacy applications or build containerized applications from scratch that are secure, robust, highly available, resilient, and self-healing. This course teaches all the necessary foundations to achieve this goal. Ensure your team learns Docker the right way with official training from Docker, Inc. The official Docker curriculum focuses on learning by doing with extensive hands-on labs, enterprise-focused scenarios, and practical examples. All official Docker classes are updated regularly to ensure you're learning on the latest product releases and benefiting from the current best practices formed by Docker's extensive field experience.

Target Audience:

Software Engineers and DevOps professionals working in an Enterprise developing mission-critical line of business applications..

Objectives:

- Setup a Docker-centric development environment
 - Containerize existing legacy applications
 - Build secure services
 - Develop containerized services for mission critical applications
 - Test code running in containers to produce more robust services
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Prerequisites:

Completed Docker Fundamentals Course or equivalent

Familiarity with using the Linux command line

Knowledge of Docker basics:

- Run a Docker container
 - Search for and pull images from Docker Store
 - Use Docker for Mac or Windows on your local machine
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Content:

Virtual Classroom Live Outline:

- Architecture of a Highly Distributed Application
- Development Pipeline Overview
- Developing Applications using Docker
- Edit and Continue
- Debugging
- Docker Compose
- Testing
- Health Check
- Defensive Programming
- Logging and Error Handling
- Docker Builder
- Docker Secrets
- Routing Mesh
- HTTP Routing Mesh

Day 2 :

- Continuous Integration and Delivery
- UCP and DTR
- Configuration Management
- Tagging and Versioning
- Content Trust
- Image Scanning
- Webhooks
- Image Promotion
- Completed [Docker Fundamentals](#) Course or equivalent
- Familiarity with using the Linux command line
- Knowledge of Docker basics:
- Run a Docker container
- Search for and pull images from Docker Store
- Use Docker for Mac or Windows on your local machine

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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