Docker - Docker Fundamentals

Code:	DOCKER-FUN
Length:	2 days
URL:	[View Online](#)

The Docker Fundamentals training course features the foundational concepts and practices of containerization on a single Docker node. The course offers learners the opportunity to assimilate basic container orchestration and how to scale Docker across multiple nodes in a simple swarm cluster. This course provides essential foundational knowledge for subsequent Docker courses. Platform Availability: Linux, Windows

Skills Gained

By the end of this course successfull learners will be able to:

- Assess the advantages of a containerized software development & deployment

- Use Docker engine features necessary for running containerized applications

- Utilize Swarm and Kubernetes orchestrators to deploy, maintain, and scale a distributed application

Who Can Benefit

Developers, operators, and architects desiring a strong foundation in Docker technologies and an introductory hands-on experience building, shipping, and running Docker containers.

Course Details

Course Outline

Day 1

- Introducing Docker

- Containerization Fundamentals

- Creating Images

- Docker Volumes

Day 2

- Docker Networking Basics

- Introduction to Docker Compose

- Introduction to Swarm Mode

- Introduction to Kubernetes

- Secrets

- Fundamentals Signature Assignment