



Official Docker: Docker Fundamentals

Duration 2 day(s) (DOCKER-FUN)

Docker Basics

Official Training



Description

This official 2-day training is an introduction to the Docker platform and assists you in installing, integrating and managing it in your infrastructure. It is intended for developers, administrators, junior and senior alike who want to understand the benefits of developing and running applications using Docker.

Goals

- Become familiar with the terminology and concepts of containers and Docker in particular
- Run and control containers
- Build images
- Become familiar with the concepts of "volume" and "network" Docker
- Using Docker in a Continuous Integration Process
- Pilot a set of containers with Compose
- Use Docker in distributed mode with Swarm
- Manage secrets with Docker

Public

Architect, Developer, Managers Integration

Prerequisites

Basic knowledge of Linux, SSH and command lines, It is not necessary to have prior knowledge on Docker.

Structure

40% Theory, 60% Practice

Program

Introducing Docker

Containerization Fundamentals

- The basic principles of containers
- Create and manage images
- Docker and Continuous Integration
- Docker volumes
- Plugins

Fundamental Orchestration

- Docker Networking Basics
- Docker Compose
- Docker Swarm Mode
- Docker Secrets