

# DOCKER - Linux containers

Course code: DOCKER

The course is intended for computer system administrators who are beginning to work with Docker containers.

## Who is the course for

The course is intended for computer system administrators who are beginning to work with Docker containers.

## What we teach you

Course participants will learn how Docker containers work, how to download or create your own image, how to convert an existing application or create a new Docker-compatible application, and how to create and manage your own Docker registry.

## Required skills

We recommend having advanced Linux/UNIX system administration skills.

## Course outline

### Module 1

- Virtualization technologies overview
- Docker architecture
- Instalation
- Basic usage
- Image creation
- Docker Hub
- Command "docker"
- Block devices and network ports mapping
- Network configuration
- Dockerfile
- Docker Compose
- Own Docker registry

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