

DE550

WEB DEVELOPMENT

NEW COURSE

Better understanding Docker to automate the deployment of applications in virtual software

 Laboratory course  New course**DURATION**
2 DAYS**REGULAR FEE**
1 275 \$**PREFERENTIAL FEE**
1 150 \$

Objectives

To provide the knowledge and skills required to use Docker in a DevOps environment and understand virtual container concepts.

Targeted audience

Architects, developers, integrators, administrators. Docker beginners.

Prerequisite

Linux commands (essential).

Content

- Basic principles of virtual containers
- Introduction to container and virtualization (Cloud) concepts
- Image creation and management
- Docker system management
- Volume management: image creation
- Image distribution and management
- Volume management
- Docker plugins
- Basic principles of orchestration
- Basic network management
- Docker Compose
- Configuration and use of SWARM (orchestration clustering)
- Discovering the secrets of Docker

General Note

50% Theory / 50% practice

Exam Note

Knowledge is tested during the semester through workshops that put into practice the ideas and concepts addressed as part of the course.

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<http://www.technologia.com/en/information-technology/web-development/docker/better-understanding-docker-to-automate-the-deployment-of-applications-in-virtual-software/>

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