


DE551

WEB DEVELOPMENT

NEW COURSE

Master Docker virtual container technology to deploy application on the Cloud

 Laboratory course  New course**DURATION**
4 DAYS**REGULAR FEE**
2 400 \$**PREFERENTIAL FEE**
2 150 \$

Objectives

To provide the knowledge and skills required to use Docker in a DevOps environment, understand concepts pertaining to virtual containers, set up security and implement a registry such as the Docker Trusted Registry.

Select the training date*

Targeted audience

Architects, developers, integrators, administrators.

Prerequisite

Linux commands (essential).

Content

- Introduction to images
- Image creation
- System commands
- Volume management
- Docker plugins
- Basic network management
- Docker Compose
- Scaling out using Swarm & Kubernetes
- Docker secret management
- Introduction to Docker Datacenter
- Universal Control Plane architecture (UCP)
- Networks in UCP
- Access control in UCP (RBAC)
- Logging
- Monitoring and recovery
- UCP Health Check
- Overview of Docker Trusted Registry (DTR)
- DTR: organization and teams
- Content Trust
- Image scan
- Repository automation
- Image caching
- DTR troubleshooting
- DDC deployment design

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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