

DE548

WEB DEVELOPMENT

Essentials for Mastering Kubernetes

 Laboratory course**DURATION**
2 DAYS**REGULAR FEE**
1 000 \$**PREFERENTIAL FEE**
900 \$

Objectives

Upon completion of the course, participants will have the skills and knowledge required to: understand the orchestration of containers, implement Kubernetes, create a Kubernetes cluster, deploy and manage applications with Kubernetes.

Targeted audience

Linux system administrators and developers.

Prerequisite

Good knowledge of Linux and knowledge of Shell.

Content

- Introduction to containers
- Kesaco orchestration
- Basic Kubernetes objects
- Kubernetes components
- Networking and Storage
- Package manager
- Introduction to different deployment solutions
- Kubeadm initialized cluster
- Web application deployment
- Scaling an application
- Updating an application
- Data persistence
- Managing applications with Helm
- Monitoring, troubleshooting, scaling and upgrading

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<http://www.technologia.com/en/information-technology/web-development/docker/essentials-for-mastering-kubernetes/>

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| Montreal | September 11 to September 12 2019 |
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