Kubernetes Fundamentals

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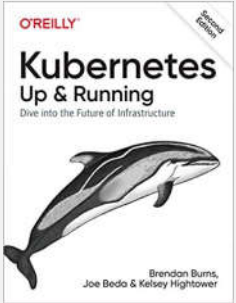*E-mail : m.romdhani@businesstraining.be*

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Objectives

This course targets participants who have an initial knowledge of Kubernetes. It covers selected topics including Health checks and Observability, Configuration, Scalability, Helm Charts, ...

The participants will develop a thorough understanding of the Kubernetes fundamentals through a hands-on approach.

Content

Units	Titles
Unit 01	**Review of basic Concepts of Kubernetes**
Unit 02	**Healthchecks and Observability**
Unit 03	**Configuration**
Unit 04	**Deployment and Scalability**
Unit 05	**Exposing services with Ingress resources**
Unit 06	**Helm Charts**
Unit 07	**Controlling Access to Cluster Resources**

Bibliography

	Kubernetes: Official Documentation https://kubernetes.io/docs/
	Book: Kubernetes: Up &running, Second Edition *By Brendan Burns, Kelsey Hightower and Joe Beda* *O'Reilly, 2019*