

## Kubernetes Foundation

### Group Training

Training code	CGAKUBEFCD
Spoken Language	Dutch
Language Materials	Dutch
Dayparts	6
Price	<b>€1.800,00</b> excl. VAT No extra costs.

### What is Kubernetes Foundation

Kubernetes is an open-source container-orchestration system for automating computer application deployment, scaling, and management. It was originally designed by Google and is now maintained by the Cloud Native Computing Foundation. It aims to provide a "platform for automating deployment, scaling, and operations of application containers across clusters of hosts". It works with a range of container tools, including Docker. Many cloud services offer a Kubernetes-based platform or infrastructure as a service (PaaS or IaaS) on which Kubernetes can be deployed as a platform-providing service. Take for example AKS (Azure Kubernetes Service) or EKS (Amazon Elastic Kubernetes Service).

Kubernetes gives you the ability to have a completely virtualized environment where you can orchestrate everything that you could want for your microservice applications. It is the answer to problems related to environments that need to be configured each time and separate operating systems that need to be installed and managed. It improves the agility of your projects greatly.

Do you want to know more? Enroll for this training!

### Who should attend Kubernetes Foundation

Kubernetes is getting more important and widely used. Do you hear so much about Kubernetes as well and do you want to get into it? During this training, you'll have hands-on experience with it and make the first steps towards certification!

#### Prerequisites

Basic experience with a terminal and with Docker.

#### Objectives

After this training, you'll be able to:

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- describe the basics of Kubernetes
- deploy simple apps with Docker and Kubernetes
- run containers in Kubernetes
- deploy managed pods
- allow clients to communicate with pods
- connect disk storage to containers
- configure applications

Besides the skills described above, the training is also a good prep for CKAD. Self-study is required for this.

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IN/3A-018.18