

## Kubernetes Introduction

**Duration: 1 Day**    **Course Code: GKKUBINT**    **Delivery Method: Company Event**

---

### Overview:

This Kubernetes introduction training is suitable for anyone who wants to learn the basics of Kubernetes. Based on: a restricted amount of theory, exercises, and working examples this training offer insight and basic skills focused on Kubernetes and Cloud-Native.

#### Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

---

### Target Audience:

**The Kubernetes Introduction training is especially meant for:** For the beginner with Kubernetes, who wants to have a basic understanding of Kubernetes after the training and wants to be able to work with Kubernetes on an entry-level. For every IT specialist who is looking for an introduction to the context, and insight into the new technology and principles of Kubernetes and Cloud-Native. For the manager, with enough technical (Linux) baggage to meet the (below) knowledge criteria, and who is looking for a general introduction and a better understanding of Kubernetes, Cloud Native.

---

### Objectives:

- The goal of the training is hands-on learning to work with Kubernetes, so after this training, a participant is able to use Kubernetes on a basic level in his/her work practice.
- 

### Prerequisites:

A lot of work is done with the ubuntu command-line (windows Linux subsystem), where several shell windows have to be kept open at the same time. Knowledge of and skill with bash, Linux commands, private and public keys is required to follow the pace of this training.

### Testing and Certification

- 
- 

### Follow-on-Courses:

The following is recommended for further study:

- Kubernetes CKA Professional (GKKUBCKA)
  - Kubernetes CKA Advanced (GKKUBCKAA)
  - Kubernetes CKAD Professional (GKKUBCKAD)
  - Kubernetes CKAD Advanced (GKKUBCKADA)
-

## Content:

The training covers the following topics:

- Context – IT history ; virtualization;
- What are microservices and why is it relevant;
- What is Kubernetes;
- What is Cloud-Native;
- Working with Kubernetes: kubectl;
- Introduction to Helm;
- Working with Ingress Controller;
- Automated ci/cd example;
- Service Mesh example

---

## Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

[info@globalknowledge.co.uk](mailto:info@globalknowledge.co.uk)

[www.globalknowledge.com/en-gb/](http://www.globalknowledge.com/en-gb/)

Global Knowledge, Mulberry Business Park, Fishponds Road, Wokingham Berkshire RG41 2GY UK