

Continuous Integration with Jenkins for Developers

Group Training

Training code	CGAJENKDCE
Spoken Language	English
Language Materials	English
Dayparts	4
Price	€1.300,00 excl. VAT No extra costs.

What is Continuous Integration with Jenkins for Developers

After completing this course, you will be able to:

In this course you will learn the role of Jenkins in software development lifecycle, how to set up and access Jenkins automation server, how to build your software by configuring and running various types of Jenkins jobs, how to install and manage plugins, how to scale and secure Jenkins, and more.

Upon completion, you will have a solid understanding of the role that Jenkins plays in the software development lifecycle, how to install a Jenkins server, how to build software for it, how to manage third party integrations/plugins and how to scale and secure Jenkins.

Finally, you will get a glimpse of what you can do to further enhance your CI/CD skills

Who should attend Continuous Integration with Jenkins for Developers

This course is for teams considering using Jenkins as a CI/CD tool and looking to automate their software delivery process, as well as those who need guidelines on how to set up a CI/CD workflow using the Jenkins automation server.

Specifically when you work in a role like:

- IT Professional,
- System Admin,
- Software Tester,
- Solution Architect
- Security Engineer.

Prerequisites



To make the most of this course, you will need to have:

- Basic knowledge of software development lifecycle (SDLC).
- Basic knowledge of software configuration management (SCM) tools, such as GIT.

Objectives

The following subjects are part of this training:

- CI/CD Overview
- Jenkins Installation Basics
- Jenkins Dashboard
- Various types of Jenkins plugins
- Create build Jobs
- Building a CI/CD Pipeline
- Preparing the staging and production environments
- Creating a Kubernetes cluster using Jenkins X
- Automated test implementation
- Improving test quality
- Distributed Jenkins configurations
- Automated Deployment
- Jenkins Security
- Distributed Builds with Jenkins

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