Red Hat DevOps Pipelines and Processes: GI/CD with Jenkins, Git, and Test Driven Development (TDD) (DO400)

ID DO400 **Price** CHF 3,740.—(excl. VAT) **Duration** 4 days

Who should attend

This course is designed for application developers.

Prerequisites

- Experience with application development in Java, Node.js, Python, or others is required.
- Experience with application development or Red Hat Application Development I: Programming in Java EE (AD183) is recommended, but not required.
- Proficiency in using an IDE such as Red Hat® Developer Studio or VSCode
- Introduction to OpenShift Applications (DO101) is recommended, but not required.
- Take our free assessment to gauge whether this offering is the best fit for your skills.

Course Objectives

Impact on the organization

DevOps with Jenkins, Test-Driven Development, and Git version control, improves application time-to-market and code quality. This approach makes applications more resilient and enables organizations to quickly implement new features and respond to a quickly changing market.

Impact on the individual

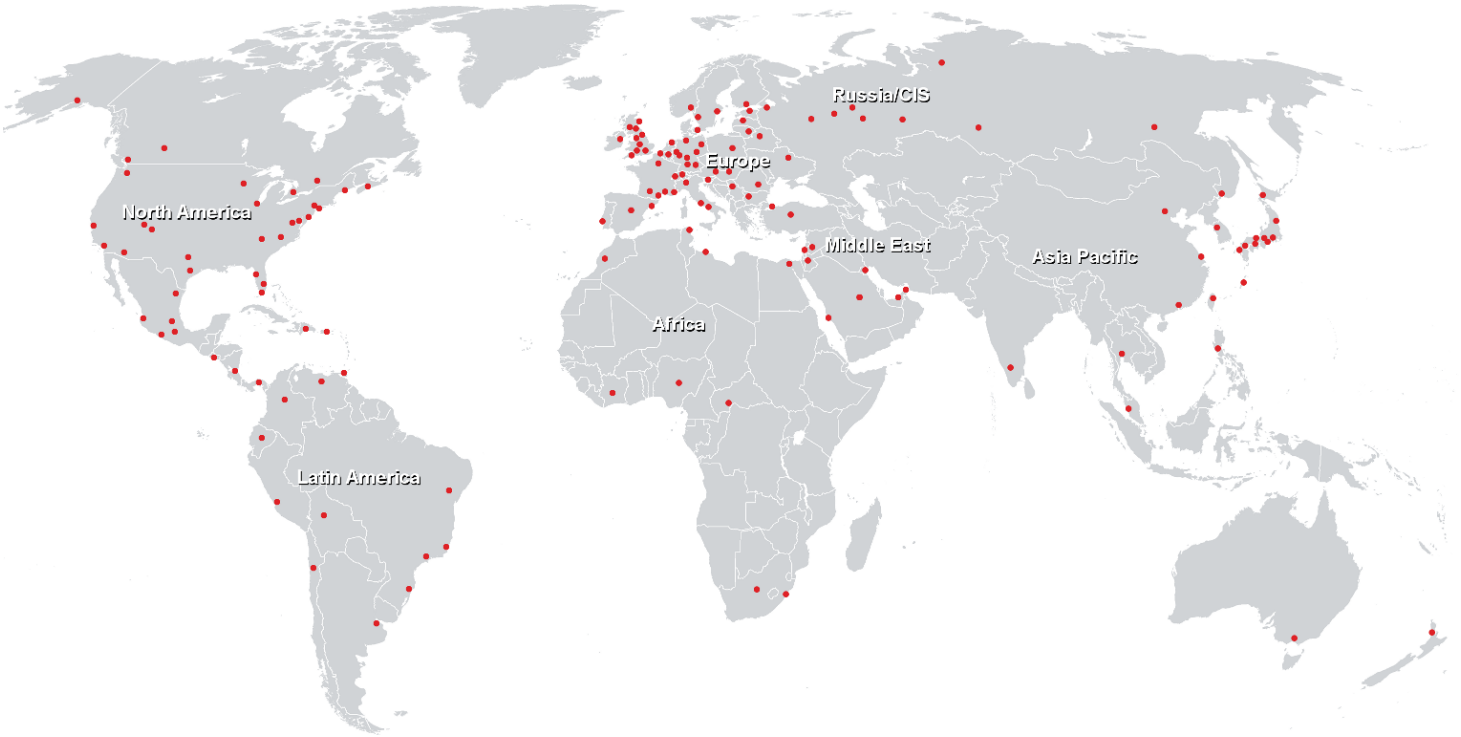
You will be able to use the concepts in this course to simplify and more efficiently integrate your application code, build reliable code with TDD, and use automated pipelines to simplify testing. You will learn how to build pipelines, design applications with a “test first” approach, and integrate application code with Git. This course is intended to illustrate the benefits of DevOps and the tools that support its implementation.

Course Content

- Version control with Git
- Build and execute Jenkins pipelines
- Release strategies
- Build applications with Test Driven Development
- Security scanning and code analysis of applications
- Monitor applications and pipelines
- Consume and troubleshoot pipelines

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Training Centres worldwide





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