

Szkolenie: Microsoft  
AZ-400T03 Implementing Continuous Delivery

FORMA SZKOLENIA	MATERIAŁY SZKOLENIOWE	CENA	CZAS TRWANIA
Stacjonarne	Cyfrowe	1200 PLN NETTO*	1 dzień
Stacjonarne	Tablet CTAB	1800 PLN NETTO*	1 dzień

\* (+VAT zgodnie z obowiązującą stawką w dniu wystawienia faktury)

## LOKALIZACJE

Kraków - ul. Tatarska 5, II piętro, godz. 9:00 - 16:00

Warszawa - ul. Bielska 17, godz. 9:00 - 16:00

## Cel szkolenia:

This course provides the knowledge and skills to implement continuous delivery. Students will learn how to design a release strategy, set up a release management workflow, and implement an appropriate deployment pattern.

### Audience profile:

- Students in this course are interested in implementing DevOps processes or in passing the Microsoft Azure DevOps Solutions certification exam.

### After completing this course, students will be able to:

- Differentiate between a release and a deployment
- Define the components of a release pipeline
- Explain things to consider when designing your release strategy
- Classify a release versus a release process, and outline how to control the quality of both
- Describe the principle of release gates and how to deal with release notes and documentation
- Explain deployment patterns, both in the traditional sense and in the modern sense
- Choose a release management tool
- Explain the terminology used in Azure DevOps and other Release Management Tooling
- Describe what a Build and Release task is, what it can do, and some available deployment tasks
- Classify an Agent, Agent Queue and Agent Pool
- Explain why you sometimes need multiple release jobs in one release pipeline
- Differentiate between multi-agent and multi-configuration release job

- Use release variables and stage variables in your release pipeline
- Deploy to an environment securely, using a service connection
- Embed testing in the pipeline
- List the different ways to inspect the health of your pipeline and release by using, alerts, service hooks and reports
- Create a release gate
- Describe deployment patterns
- Implement Blue Green Deployment
- Implement Canary Release
- Implement Progressive Exposure Deployment

## Plan szkolenia:

- Design a Release Strategy
  - Introduction to Continuous Delivery
  - Release strategy recommendations
  - Building a High Quality Release pipeline
  - Choosing a deployment pattern
  - Choosing the right release management tool
  - Lab : Building a release strategy
- Set up a Release Management Workflow
  - Create a Release Pipeline
  - Provision and Configure Environments
  - Manage And Modularize Tasks and Templates
  - Integrate Secrets with the release pipeline
  - Configure Automated Integration and Functional Test Automation
  - Automate Inspection of Health
  - Lab : Automating your infrastructure deployments in the Cloud with Terraform and Azure Pipelines
  - Lab : Setting up secrets in the pipeline with Azure Key vault
  - Lab : Setting up and Running Load Tests
  - Lab : Setting up and Running Functional TestsLab : Using Azure Monitor as release gate
  - Lab : Creating a Release Dashboard
- Implement an appropriate deployment pattern
  - Introduction into Deployment Patterns
  - Implement Blue Green Deployment
  - Feature Toggles

- Canary Releases
- Dark Launching
- AB Testing
- Progressive Exposure Deployment
- Lab : Blue-Green DeploymentsLab : Traffic Manager

## Wymagania:

- Fundamental knowledge about Azure, version control, Agile software development, and core software development principles. It would be helpful to have experience in an organization that delivers software.

## Poziom trudności



## Certyfikaty:

Uczestnicy kursu **AZ-400T03 Implementing Continuous Delivery** otrzymują **certyfikat** ukończenia autoryzowanego szkolenia **Microsoft**.

## Prowadzący:

Microsoft Certified Trainer.

## Informacje dodatkowe:

Zajęcia prowadzone są w języku polskim, materiały źródłowe oraz oprogramowanie są w języku angielskim.