

KOENIG SOLUTIONS • COURSE OUTLINE

40511: Microsoft Cloud Workshop: Continuous Delivery in Azure DevOps

Learn to design and implement continuous delivery pipelines in Azure DevOps, from ARM templates to automated builds and releases.

2

MODULES

9

TOPICS

COURSE OVERVIEW

This workshop covers reviewing a customer case study, designing a proof of concept solution and presenting it to stakeholders. It then moves into hands-on implementation, creating an Azure Resource Manager template to provision a web application and SQL database, and setting up an Azure DevOps project with a Git repository. Learners build and configure Azure DevOps build and release pipelines, trigger builds and releases, and work with feature branches and pull requests.

WHO THIS COURSE IS FOR

DevOps Engineers

Cloud Solution Architects

Software Developers

Release Managers

Infrastructure Engineers

LEARNING OBJECTIVES

- Analyse a customer case study to identify solution requirements
- Design a proof of concept solution for continuous delivery
- Present a proposed solution to stakeholders
- Develop an ARM template to provision a web application and SQL database
- Configure an Azure DevOps project and Git repository
- Build an Azure DevOps build pipeline
- Implement an Azure DevOps release pipeline
- Apply feature branching and submit pull requests

2 Modules, 9 Topics

01

Whiteboard Design Session - Continuous Delivery in Azure DevOps

LESSONS

Review the customer case study · Design a proof of concept solution · Present the solution

02

Hands-on Lab - Continuous Delivery in Azure DevOps

LESSONS

- Create an Azure Resource Manager (ARM) template that can provision the web application, SQL database
- Create Azure DevOps project and Git Repository
- Create Azure DevOps build pipeline
- Create Azure DevOps release pipeline
- Trigger a build and release
- Create a feature branch and submit a pull request

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

FLEXIBLE DELIVERY

Learn the Way That Suits You

Classroom Training

Live Online Classes (ILO)

Fly-Me-A-Trainer (FMAT)

Flexi (Self-Paced)

1-on-1 Training

Ready to Get Started?

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