

# Terraform CI/CD with Azure DevOps Training

*COURSE CONTENT*

## GET IN TOUCH



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## About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

## About Course

The Terraform CI/CD with Azure DevOps Training by Multisoft Systems is designed to empower professionals with the knowledge and skills to automate infrastructure deployment and manage DevOps workflows effectively using Terraform and Azure DevOps. This comprehensive course is ideal for DevOps engineers, cloud architects, and IT professionals seeking hands-on expertise in Infrastructure as Code (IaC) and continuous integration/continuous deployment practices.

## Module 1: Introduction

- ✓ Understand the Azure DevOps platform
- ✓ Know the different services provided
- ✓ Distinguish the benefits of deploying with Azure DevOps

## Module 2: Working with a Git Repo

- ✓ Manage branches
- ✓ Configure your working environment and secrets

## Module 3: Setting Up a Build Pipeline

- ✓ Discover the YAML template for defining pipelines
- ✓ Configure the agent and image usage
- ✓ Produce artifacts

## Module 4: Setting Up a Release Pipeline

- ✓ Manage environments
- ✓ Configure secrets
- ✓ Use templates
- ✓ Promote the environment
- ✓ Set up approvals

## Module 5: Implementing a Testing Strategy

- ✓ Understand the need for automated tests
- ✓ Introduce the Pester framework
- ✓ Set up automated tests
- ✓ Run automated tests in a pipeline