# AZ 400 -Azure Designing and Implementing Microsoft DevOps Solutions

# 20 Modules

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| 1. Planning for DevOps | 1. Getting Started with Source Control |
| 1. Managing Technical Debt | 1. Working with Git for Enterprise DevOps |
| 1. Configuring Azure Pipelines | 1. Implementing Continuous Integration using Azure Pipelines |
| 1. Managing Application Configuration and Secrets | 1. Implementing Continuous Integration with GitHub Actions |
| 1. Designing and Implementing a Dependency Management Strategy | 1. Designing a Release Strategy |
| 1. Implementing Continuous Deployment using Azure Pipelines | 1. Implementing an Appropriate Deployment Pattern |
| 1. Managing Infrastructure and Configuration using Azure Tools | 1. Using Third Party Infrastructure as Code Tools Available with Azure |
| 1. Managing Containers using Docker | 1. Creating and Managing Kubernetes Service Infrastructure |
| 1. Implementing Feedback for Development Teams | 1. Implementing System Feedback Mechanisms |
| 1. Implementing Secutiry in DevOps Projects | 1. Validating Code Bases for Compliance |

**Exam Basics**

* 40 to 60 Questions // Answer all the questions (No penalty for guessing) // Mark items for review if you’re not sure of your answer // 180 Minutes // Multiple Choice Questions // No disturbance & don’t use phone else violence and they will reject

**Lab Preparation**

1. Azure Devops Account
2. Azure Account