# AZ-400 Designing and Implementing Microsoft DevOps Solutions, Part 2 of 7: Continuous Integration



**Meet the expert:** Ranjan is an author, consultant, trainer, speaker & founder having 12 years of hands-on experience. As a trainer, he has delivered 250+ corporate training & trained 5000+ professionals with excellent feedback on various technologies around the globe.

**Prerequisites:** The AZ-400 exam has a prerequisite of EITHER Microsoft Certified Azure Administrator Associate OR Microsoft Certified Azure Developer Associate. Candidates for this exam should have subject matter expertise working with people, processes, and technologies to continuously deliver business value.

**Runtime:** 01:39:37

**Course description:** Candidates for the DevOps Engineer Expert certification should have subject matter expertise working with people, processes, and technologies to continuously deliver business value. This course covers: Implement Continuous Integration which counts for ( 10 – 15%) of the exam.

**Course outline:**

**Continuous Integration Overview**
- Introduction
- Continuous Integration in Azure DevOps Pipeline
- Build Strategy
- Summary

**YAML Pipelines and Triggers in CI**
- Introduction
- YAML Pipelines and Triggers in CI
- Function Demo
- Summary

**Managing Code Quality**
- Introduction
- Managing Code Quality
- Managing Security Policies
- Azure Devops CI - Jenkins CD
- Jenkins CI - Azure Devops CD
- Summary

**Implementing a Container Build Strategy**
- Introduction
- Implementing a Container Build Strategy
- Microservices and Containers
- Considerations for Multiple Stage Builds
- Summary