



# Microsoft Azure Certification BootCamp for Exam AZ-400 (Microsoft Azure DevOps Solutions)

Duration: 5 Days

## DESCRIPTION

This BootCamp course is for the new role-based AZ-400 exam targeted for Azure Developers. Taking this course and passing the AZ-400 exam meets part of the requirements for Microsoft Certified: Azure DevOps Engineer Expert Certification.

This course is for experienced programmers who design, build and host Cloud solutions in Azure. Participants should have some experience with Azure and must be able to program in at least one Azure-supported language such as C#, Node.js, etc. This course covers topics such as performance, instrumentation, logging, integrating & managing APIs, and messaging architectures.

## OBJECTIVES

After completing this course, students will be able to:

- Describe the benefits of using source control
- Migrate from TFVC to Git
- Scale Git for Enterprise DevOps
- Implement and manage build infrastructure
- Manage application config & secrets
- Implement a mobile DevOps strategy

## COURSE OUTLINE

- Module 1: Planning for DevOps
- Module 2: Getting started with Source Control
- Module 3: Scaling Git for enterprise DevOps
- Module 4: Consolidating Artifacts & Designing a Dependency Management Strategy
- Module 5: Implementing Continuous Integration with Azure Pipelines
- Module 6: Managing Application Config and Secrets
- Module 7: Managing Code Quality and Security Policies
- Module 8: Implementing a Container Build Strategy
- Module 9: Manage Artifact versioning, security & compliance
- Module 10: Design a Release Strategy
- Module 11: Set up a Release Management Workflow
- Module 12: Implement an appropriate deployment pattern
- Module 13: Implement process for routing system feedback to development teams
- Module 14: Implement a mobile DevOps strategy
- Module 15: Infrastructure and Configuration Azure Tools
- Module 16: Azure Deployment Models and Services
- Module 17: Create and Manage Kubernetes Service Infrastructure
- Module 18: Third Party Infrastructure as Code Tools available with Azure
- Module 19: Implement Compliance and Security in your Infrastructure
- Module 20: Recommend and design system feedback mechanisms
- Module 21: Optimize feedback mechanisms

## WHO SHOULD ATTEND

Candidates for this exam are DevOps professionals who combine people, process, and technologies to continuously deliver valuable products and services that meet end user needs and business objectives. DevOps professionals streamline delivery by optimizing practices, improving communications and collaboration, and creating automation. They design and implement strategies for application code and infrastructure that allow for continuous integration, continuous testing, continuous delivery, and continuous monitoring and feedback.

## PREREQUISITES

- Certifications (one of the below)
- Candidates must be proficient with Agile practices. They must be familiar with both Azure Administration and Azure Development and experts in at least one of these areas. Azure DevOps professionals must be able to design and implement DevOps practices for version control, compliance, infrastructure as code, configuration management, build, release, and testing by using Azure technologies.

## TESTIMONIALS

“ Trainer is quite knowledgeable and has got lot of experience. He was bringing realtime example, properly keeping the focus on theory and practice. This was very much important that the trainer is always keeping the track especially for an exhaustive content. ”

**- Rajkiran A, Senior IT Manager, P&G**

“ Very impressive training, this will certainly help my team to upgrade the skill in Azure. I would definitely recommend this training as a good kick start for Azure learning. A trainer is very knowledgeable having great command over the subject. ”

**- Anil V, Associate Manager, Stryker**

“ Very satisfied with the Training, Well explained the concepts though I am not from a Networking/System Admin background. ”

**- Deepak S, Sr Software Engineer,Cerner Healthcare Solutions**

For training inquiry,  
please email us at: [sales@cloudthat.in](mailto:sales@cloudthat.in)



CloudThat Technologies  
+91 8880002200  
[sales@cloudthat.in](mailto:sales@cloudthat.in) | [www.cloudthat.in](http://www.cloudthat.in)