Learning path for Azure DevOps Engineer

Azure DevOps professionals combine people, process, and technologies to continuously deliver valuable products and services that meet end user needs and business objectives.
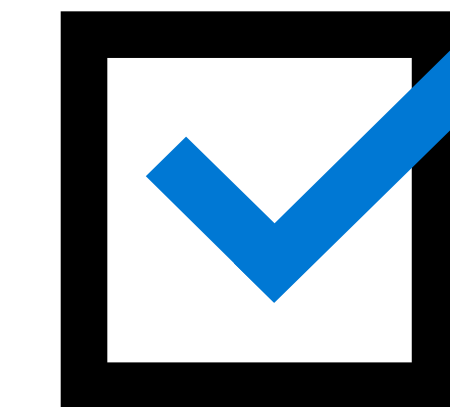
aka.ms/AzureDevOpsLearning

Prerequisite

To become a Microsoft Certified DevOps Engineer Expert, you must earn one of the following certifications:

Azure Administrator Associate
aka.ms/AzureAdminLearning

or

Azure Developer Associate
aka.ms/AzureDeveloperLearning

Exam AZ-400:
Microsoft Azure DevOps Solutions

Classroom

Implementing DevOps Development Processes
AZ-400T01

Implementing Continuous Integration
AZ-400T02

Implementing Continuous Delivery
AZ-400T03

Implementing Dependency Management
AZ-400T04

Implementing Application Infrastructure
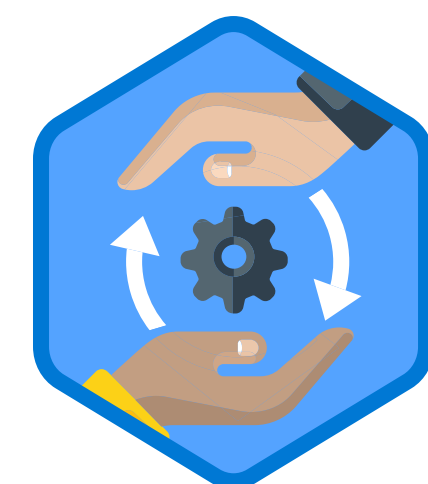AZ-400T05

Implementing Continuous Feedback
AZ-400T06

Designing a DevOps Strategy
AZ-400T07

Digital skilling: free interactive training content on Microsoft Learn

Evolve your DevOps practices

1H 17M - 3 Modules
1. Assess your existing software development process
2. Get started with Azure DevOps
3. Choose an Agile approach to software development

Build applications with Azure DevOps

6H 10M - 7 Modules
1. Create a build pipeline with Azure Pipelines
2. Implement a code workflow in your build pipeline by using Git and GitHub
3. Run quality tests in your build pipeline by using Azure Pipelines
4. Scan code for vulnerabilities in Azure Pipelines
5. Scan open source components for vulnerabilities and license ratings in Azure Pipelines
6. Manage build dependencies with Azure Artifacts
7. Host your own build agent in Azure Pipelines

Deploy applications with Azure DevOps

5H 56M - 6 Modules
1. Create a release pipeline with Azure Pipelines
2. Create a multi-stage pipeline with Azure Pipelines
3. Manage database changes in Azure Pipelines
4. Run functional tests in Azure Pipelines
5. Run non-functional tests in Azure Pipelines
6. Manage release cadence in Azure Pipelines with deployment patterns

Become a Microsoft Certified Professional

Certification helps establish your credentials with current and future employers.

Pass certification exam AZ-400 to become a Microsoft Certified: Azure DevOps Engineer Expert.

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