



GTech Learn

"Our focus is your Success"



Course Contents

AZ-2008 : DevOps Foundations: The Core Principles and Practices

Duration: 1 Days	Level: Intermediate	Role: Administrator
Certification: Available	Public Schedules: View Dates	Private Delivery: Reach Us

What's included?

- ✓ Learn from Microsoft Certified Trainer (MCT's)
- ✓ 24x7 Lab Access
- ✓ Official Courseware
- ✓ Exam Preps / Practice Tests
- ✓ Badges & Completion Certificate
- ✓ Discounted Exam Vouchers



Data & AI
Azure

Training Services

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Overview

Explore DevOps practices using GitHub. Your development and operations teams will experience improved collaboration, agility, continuous integration, continuous delivery, automation, and operational excellence throughout all phases of the application lifecycle.

Audience Profile

Contents

Learning Path 01: Discover DevOps

- Introduction
- What is DevOps?
- Explore DevOps Culture
- Explore DevOps goals and benefits
- Explore DevOps application lifecycle

Learning Path 02: Plan with DevOps

- Foster DevOps culture
- What is Agile?
- Explore DevOps practices
- Plan with Github
- Agile plan and management using Github

Learning Path 03: Develop with DevOps

- Explore source control and version control
- Explore version control using Git
- Explore GitHub flow
- Explore Continuous Integrations
- Explore shift-left testing
- Explore shift-left security
- Implement flow of work with GitHub

Learning Path 04: Deliver with DevOps

- Explore continuous delivery
- Explore Infrastructure as Code
- Explore progressive exposure techniques
- Explore continuous deliver with GitHub Actions
- Implement CI/CD with GitHub Actions and IaC with Bicep

Learning Path 05: Operate with DevOps

- Explore Operational excellence
- Explore shift-right testing
- Explore observability through performance monitoring
- Explore observability through security assessment

About GTech Learn

Established in 2011 in the USA, GTech Learn is one of the leading IT training organizations in North America & South East Asia. Driven by its unique USPs, GTech Learn is spurring competition, meeting the unmet needs of customers, assisting in skills upgrade, and supplementing talent pools with its presence in the USA, Canada, Singapore and India. This is consistent with our vision to help our Learners with skills upgrade for enhanced career opportunities.

As a Microsoft Learning Partner, we offer a broad range of learning solutions across the full Microsoft technology stack that can be customized.

Since 2011, GTech Learn has been developing custom-fit learning solutions that involve creating and delivering maximum results.

We have successfully helped all types of businesses, government entities, and individuals. For this reason, GTech has chosen by Microsoft to deliver comprehensive learning programs around the globe.

With flexible learning options, state-of-the-art delivery methods, numerous language preferences, experienced instructors, and complete dedication to our students, GTech Learn has the capabilities to help students develop their Microsoft skill sets and achieve increasingly high standards of productivity while organizations of all sizes realize the full potential of their technology investments.

Our Accreditations with Microsoft

Microsoft Solutions Partner
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