



GTech Learn

"Our focus is your Success"



Course Contents

AZ-204: Developing Solutions for Microsoft Azure

Duration: 5 Days	Level: Intermediate	Role: Developer
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



Email: info@gtechlearn.com

Overview

This course teaches developers how to create end-to-end solutions in Microsoft Azure. Students will learn how to implement Azure compute solutions, create Azure Functions, implement, and manage web apps, develop solutions utilizing Azure storage, implement authentication and authorization, and secure their solutions by using Key Vault and Managed Identities. Students will also learn how to connect to and consume Azure services and third-party services and include event- and message-based models in their solutions. The course also covers monitoring, troubleshooting, and optimizing Azure solutions.

Audience Profile

Students in this course are interested in Azure development or in passing the Microsoft Azure Developer Associate certification exam.

Contents

Learning path 1: Implement Azure App Service web apps

- Explore Azure App Service
- Configure web app settings
- Scale apps in Azure App Service
- Explore Azure App Service deployment slots

Learning Path 2: Implement Azure Functions

- Explore Azure Functions
- Develop Azure Functions

Learning Path 3: Develop solutions that use Blob storage

- Explore Azure Blob storage
- Manage the Azure Blob storage lifecycle
- Work with Azure Blob storage

Learning Path 4: Develop solutions that use Azure Cosmos DB

- Explore Azure Cosmos DB
- Work with Azure Cosmos DB

Learning Path 5: Implement containerized solutions

- Manage container images in Azure Container Registry
- Run container images in Azure Container Instances
- Implement Azure Container Apps

Learning Path 6: Implement user authentication and authorization

- Explore the Microsoft identity platform
- Implement authentication by using the Microsoft Authentication Library
- Implement shared access signatures
- Explore Microsoft Graph

Learning Path 7: Implement secure cloud solutions

- Implement Azure Key Vault
- Implement managed identities
- Implement Azure App Configuration

Learning Path 8: Implement API Management

- Explore API Management

Learning Path 9: Develop event-based solutions

- Explore Azure Event Grid
- Explore Azure Event Hubs

Learning Path 10: Develop message-based solutions

- Discover Azure message queues

Learning Path 11: Troubleshoot solutions by using Application Insights

- Monitor app performance

Learning Path 12: Implement caching for solutions

- Develop for Azure Cache for Redis
- Develop for storage on CDNs

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



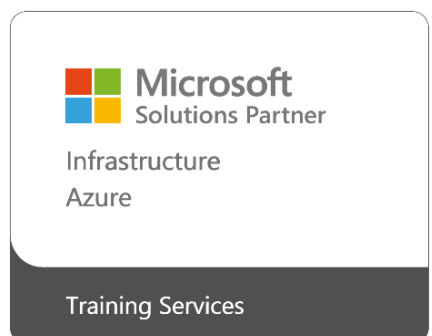
Microsoft Solutions Partner
Security
Training Services



Microsoft Solutions Partner
Modern Work
Training Services



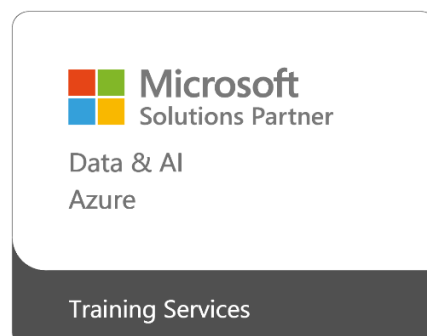
Microsoft Solutions Partner
Business Applications
Training Services



Microsoft Solutions Partner
Infrastructure
Azure
Training Services



Microsoft Solutions Partner
Digital & App Innovation
Azure
Training Services



Microsoft Solutions Partner
Data & AI
Azure
Training Services