



MICROSOFT TRAINING

AZ-204T00: Developing Solutions for Microsoft Azure

Become an Azure Developer! Learn to build and deploy robust cloud solutions, earning your AZ-204 certification.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

The AZ-204T00: Developing Solutions for Microsoft Azure course from Computer Pride is meticulously designed for developers looking to master the art of building, testing, and deploying robust cloud applications on the Microsoft Azure platform. This intermediate-level training dives deep into core Azure services and development tools, empowering participants with the practical skills needed to create scalable, secure, and performant solutions. You'll gain hands-on experience with crucial technologies such as Azure App Services, Azure Functions, Azure Cosmos DB, Azure Blob Storage, and various security and monitoring tools.

This comprehensive 2-hour program prepares you not only for the official Microsoft AZ-204 exam, leading to the highly sought-after Microsoft Certified: Azure Developer Associate certification, but also equips you with real-world expertise. By the end of the course, you'll be proficient in implementing Azure compute solutions, developing for Azure storage, securing cloud applications, and integrating various Azure services to build end-to-end solutions. The professional benefits include enhanced career prospects in a rapidly expanding cloud market, the ability to design and implement cutting-edge cloud architectures, and a credential that validates your proficiency as a skilled Azure developer.

Duration	2 hours
Level	Intermediate
Vendor	Microsoft
Exam Code	AZ-204

PREREQUISITES

- Understanding of cloud computing concepts
- Familiarity with Azure portal
- Basic PowerShell or CLI experience
- Understanding of virtualization concepts

COURSE CURRICULUM

- 01 Module 1: Implementing Azure Compute Solutions**
 - Developing Azure App Service Web Apps
 - Implementing Azure Functions
 - Developing solutions by using Azure Container Instances and Azure Kubernetes Service
- 02 Module 2: Developing for Azure Storage**
 - Developing solutions that use Blob storage
 - Developing solutions that use Cosmos DB storage
 - Implementing secure access to storage
- 03 Module 3: Implementing Authentication, Authorization, and Secure Solutions**
 - Implementing user authentication and authorization
 - Implementing secure cloud solutions by using Azure Key Vault
 - Developing solutions that use Microsoft Graph
- 04 Module 4: Implementing API Management and Messaging Solutions**

- Implementing API Management
- Developing event-driven solutions (Azure Event Grid, Event Hubs)
- Developing message-based solutions (Azure Service Bus, Azure Queue Storage)

05 Module 5: Monitoring, Troubleshooting, and Optimization

- Implementing caching solutions for performance
- Implementing logging and monitoring with Azure Monitor and Application Insights
- Implementing solutions for data storage, processing, and application performance

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Azure Cloud Developer**
- > **Solutions Architect (with a focus on cloud application development)**
- > **DevOps Engineer (specializing in Azure application deployment and management)**

FREQUENTLY ASKED QUESTIONS

Q: What specific development languages and tools will I primarily use during the AZ-204T00 course to build Azure solutions?

This AZ-204T00 course focuses on a language-agnostic approach, allowing you to apply your existing programming skills (e.g., C#, Python, JavaScript, Java) to Azure development. While examples and labs often feature C# with .NET Core, the concepts are universally applicable. You will gain proficiency in using Visual Studio Code, Azure CLI, Azure Portal, and various Azure SDKs to interact with and deploy services.

Q: How does this AZ-204 certification specifically enhance my ability to design and implement highly scalable and resilient applications on Azure?

The AZ-204T00 course is tailored to equip you with the knowledge to build applications that are inherently scalable and resilient. You will learn to implement compute solutions like Azure App Service and Functions for auto-scaling, utilize geo-redundant storage options like Azure Cosmos DB and Blob Storage for high availability, and integrate monitoring tools like Application Insights to proactively identify and resolve performance bottlenecks, ensuring your applications can handle varying loads and recover from failures gracefully.

Q: What prior experience or prerequisite knowledge is recommended to get the most out of the AZ-204T00: Developing Solutions for Microsoft Azure course?

To maximize your learning experience in this intermediate-level course, it is highly recommended to have foundational knowledge of cloud computing concepts, experience with at least one supported programming language (e.g., C#, Python, Java, JavaScript), and familiarity with basic Azure services (e.g., Azure compute, storage, networking). While not strictly required, prior experience with RESTful APIs and basic command-line operations will also be beneficial.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

Professionals Trained

50+

Vendor Certifications

READY TO ENROL?

Take the next step in your technology career.

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