

# **Microsoft Azure Architect Technologies AZ-305**

This certification helps you learn technical tasks: deploy and configure infrastructure; implement workloads and security; create and deploy apps; implement authentication and secure data; and develop for the cloud and Azure storage.

**Duration** 4 Days

### Certification

Microsoft Azure Architect Technologies AZ-305

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# **Training Program**

This class is intended for Azure Solution Architects who advise stakeholders and translates business requirements into secure, scalable, and reliable solutions. Candidates should have advanced experience and knowledge across various aspects of IT operations, including networking, virtualization, identity, security, business continuity, disaster recovery, data management, budgeting, and governance. This role requires managing how decisions in each area affect an overall solution. Candidates must be proficient in Azure administration, Azure development, and DevOps, and have expert-level skills in at least one of those domains. The class will cover:

- Learn cloud concepts such as High Availability, Scalability, Elasticity, Agility, Fault Tolerance, and Disaster Recovery
- Understand the benefits of cloud computing in Azure and how it can save you time and money
- Compare and contrast basic strategies for transitioning to the Azure cloud
- Explore the breadth of services available in Azure including compute, network, storage and security

### **EXAM**

This exam measures your ability to understand the following technical tasks:

- Deploy and configure infrastructure
- Implement workloads and security
- Create and deploy apps
- Implement authentication and secure data
- Develop for the cloud and Azure storage

## **PREREQUISITES**

This path is intended for beginners, and no prerequisites are required for this path.

Successful Cloud Solutions Architects begin this role with practical experience with operating systems, virtualization, cloud infrastructure, storage structures, billing, and networking.

# Learning Objectives

- **Deploy and configure infrastructure 25-30%**
- Implement workloads and security 20-25%
- Create and deploy apps 5-10%
- Implement authentication and secure data 5-10%
- **Develop for the cloud and for Azure storage** 5-10%

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# **Course Schedule**

#### **SESSION 1:**

- Introduction
- Deploying and Configuring Infrastructure

#### **SESSION 2:**

- Implementing Workloads and Security
- Understanding Cloud Architect Technology Solutions

#### **SESSION 3:**

- Creating and Deploying Apps
- Implementing Authentication and Secure Data

#### **SESSION 4:**

- Developing for the Cloud
- Review and Practice

### COURSE FEATURES

- Live, Instructor-led training in modern classrooms
- A thorough review of all Azure topics by industry experts
- 24 x 7 access to the real labs in classrooms and remotely
- 100% latest material & and thousands of realistic practice questions
- Confidence building hands-on training with simulated exams
- Authorized Pearson VUE testing at the same location to help you complete your exam\*
- Study material, notes, videos and practice questions included in the course price

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- Simulation Question Packet
- Opportunity to attend several live instructor led post-class review sessions
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- · Google Classroom for each class
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