

Microsoft Azure Architect Technologies (AZ-300)

5-Day course covering key architectural technologies

Duration: 5 Days | Classroom Based, Instructor Led Training

This is the ideal instructor-lead course for anyone who wants to prepare themselves for the AZ-300 exam. The course uses the official Microsoft Official Curriculum and includes hands-on lab exercises.

Who Should Attend

This course is designed for:

- Engineers and Architects seeking an advanced understanding of Microsoft Azure Services

Learning Outcomes

The objective of this course is for participants to:

- Able to analyse Azure resource utilisation and consumption
- Create and configure storage accounts in Azure
- Create, configure, implement and automate virtual machines for Windows and Linux in Azure
- Implement, manage and create connectivity between virtual networks in Azure
- Implement and manage hybrid identities
- Able to manage Azure Active Directory

Course Requirements

Participants are required to bring a laptop to the course.

Prerequisites

Candidates should ideally have at least 2 years of Azure experience. It is highly recommended that candidates have passed the AZ-900 Microsoft Azure Fundamentals exam, or attended a course that covers Microsoft's Official Curriculum.

Examination

The Exam is **NOT Included**, however available Online After Course (AZ-300: Microsoft Azure Architect Technologies).

For full information on the exam and how to book:

www.microsoft.com/en-us/learning/exam-az-300.aspx

Course Contents

1. Deploying and Configuring Infrastructure

- Managing Azure Subscriptions and Resources
- Implementing and Managing Storage
- Deploying and Managing Virtual Machines
- Configuring and Managing Virtual Networks
- Managing Identities

2. Implementing Workloads and Security

- Evaluating and Performing Service Migrations
- Implementing and Managing Application Services
- Implementing Advanced Virtual Networking
- Determining Azure Workload Requirements

3. Understanding Cloud Architect Technology Solutions

- Selecting Compute & Storage Solutions
- Hybrid Networking
- Measure Throughput & Structure of Data Access

- Implementing Authentication
- Implementing Secure Data
- Business Continuity & Resiliency in Azure

4. Creating & Deploying Apps

- Create Azure App Service Web Apps
- Creating Apps and Services Running on Service Fabric
- Using Azure Kubernetes Service
- Understanding Azure Functions

5. Developing for the Cloud

- Developing Long-Running Tasks and Distributed Transactions
- Configuring a Message-Based Integration Architecture
- Developing for Asynchronous Processing
- Developing for Autoscaling
- Developing Azure Cognitive Services Solutions
- Develop for Azure Storage

