

# Microsoft Azure Advanced Administration Training

**Course Duration: 40 Hours**

**Course Code: AZ-305-AAT**

## 1. Course Overview

Microsoft Azure Advanced Administration Training is designed for IT professionals who want to deepen their expertise in managing and securing Azure environments. This course covers advanced concepts like governance, identity management, networking, monitoring, and disaster recovery to help you efficiently manage enterprise-level Azure infrastructure.

## 2. What You'll Learn

- Advanced Azure identity and access management
- Implementing governance and compliance strategies
- Managing Azure virtual networks and hybrid connectivity
- Monitoring, logging, and performance optimization
- Implementing backup and disaster recovery solutions
- Securing Azure resources and data
- Automating Azure administration tasks

## 3. Target Audience

- Azure Administrators
- Cloud Engineers
- System Administrators
- IT Professionals working with Microsoft Azure
- DevOps Engineers

## 4. Pre-Requisites

- Basic knowledge of Microsoft Azure services
- Experience with Azure administration (AZ-104 level recommended)
- Understanding of networking, virtualization, and security concepts
- Familiarity with PowerShell or CLI is a plus

## 5. Course Content

- **Module 1:** Azure Governance and Compliance
- **Module 2:** Advanced Identity Management (Azure AD)
- **Module 3:** Implementing and Managing Hybrid Networking
- **Module 4:** Azure Security and Threat Protection
- **Module 5:** Monitoring and Troubleshooting Azure Solutions
- **Module 6:** Backup, Recovery, and Business Continuity
- **Module 7:** Automation using PowerShell and Azure CLI
- **Module 8:** Cost Management and Optimization