Computers and Information Technology · IT233

Mastering Azure Administration

Navigating the Cloud with Confidence and Expertise

Duration	Category	Ref
1 Week	**Computers and Information Technology**	**IT233**
Language	Certificate	
English	**Certificate of attendance**	

Introduction

Welcome to the Mastering Azure Administration Training, a comprehensive 5-day programme designed to equip IT professionals with the skills and knowledge needed to excel in Microsoft Azure administration. This immersive journey will cover key aspects of Azure, empowering participants to efficiently manage cloud resources, enhance security, and optimise performance.

Course Objectives of Mastering Azure Administration

Upon completing this programme, participants will be able to:

- Develop a deep understanding of Microsoft Azure and its core services.
- Master key administrative tasks, including resource provisioning, monitoring, and troubleshooting.
- Gain proficiency in implementing security measures and compliance standards within Azure environments.
- Optimise performance and cost efficiency through best practices in Azure administration.
- Acquire hands-on experience in real-world scenarios to reinforce learning.

Course Methodology of Mastering Azure Administration

This programme will employ a combination of engaging learning methods, including:

- Lectures and Expert Insights: Leading industry experts will share their insights and best practices.
- Case Studies: Analyse real-world talent acquisition challenges and solutions.
- Group Discussions: Engage in meaningful discussions and share experiences with peers.
- Role-Playing and Simulations: Practice scenarios to enhance skills.

Organisational Impact of Mastering Azure Administration

This training programme will have a positive impact on organisations by:

- Improved efficiency in managing Azure resources, leading to increased productivity.
- Enhanced security posture and compliance adherence within Azure environments.
- Optimised cost management through efficient resource utilisation.
- Alignment with industry best practices for Azure administration.

Personal Impact of Mastering Azure Administration

Participants will experience personal growth and development, including:

- Strengthened proficiency in Azure administration skills.
- Increased confidence in managing and troubleshooting Azure environments.
- Expanded knowledge of best practices for optimising performance and security.
- Recognition as a valuable Azure administration expert within the organisation.

Who Should Attend

This training programme is ideal for:

- IT administrators
- System engineers
- Cloud architects
- anyone involved in managing Microsoft Azure environments.

Course Outline

Day 1

Introduction to Microsoft Azure

- Overview of Azure services and the cloud computing landscape.
- Setting up an Azure account and navigating the Azure portal.
- Understanding Azure subscriptions, resource groups, and regions.

Day 2

Core Azure Services and Resource Management

- In-depth exploration of Azure compute services (VMs, App Service, etc.).
- Managing storage resources in Azure (Blob storage, Azure Files, etc.).
- Implementing Azure Resource Manager (ARM) templates for resource deployment.

Day 3

Security and Compliance in Azure

- Implementing identity and access management in Azure Active Directory.
- Securing Azure resources through Network Security Groups (NSGs) and Azure Firewall.
- Ensuring compliance with Azure Policy and Blueprints.

Day 4

Monitoring, Optimisation, and Troubleshooting

- Setting up Azure Monitor for resource monitoring.
- Implementing Azure Security Center for threat detection and response.
- Troubleshooting common issues in Azure environments.

Day 5

Best Practices, Automation, and Real-World Scenarios

- Implementing best practices for cost management and resource optimisation.
- Introduction to Azure Automation for task orchestration.
- Real-world scenarios and hands-on exercises to reinforce learning.

Ask us for a date for this course

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