Training: Microsoft
MS-55372 Microsoft Azure Advanced Administration

Microsoft Partner

TRAINING GOALS:

This five-day instructor-led course is designed primarily for Azure Administrators who have some experience with Azure and want a more in depth knowledge of Azure services and how to administer and architect a solution. Lessons include virtualisation, automation, networking, storage, identity, security, data platform, and application infrastructure. This course outlines how decisions in each of these areas affect an overall solution.

After completing the course, students know how to:

- Administer Azure services with a deep knowledge and understanding.

Audience profile:

This course is for IT Professionals with expertise in designing and implementing solutions running on Microsoft Azure. They should have broad knowledge of IT operations, including networking, virtualisation, identity, security, business continuity, disaster recovery, data platform, budgeting, and governance. Azure Advanced Administrators use the Azure Portal and as they become more adept they use the Command Line Interface. Candidates must have basic skills and knowledge of Azure administration. It is recommended that students have attended the AZ-104 - Microsoft Azure Administrator course prior to attending this course.

CONSPECT:

- Implement Azure Active Directory
- Implement and Manage Hybrid Identities
- Implement Virtual Networking
- Implement VMs for Windows and Linux
- Implement Load Balancing and Network Security
- Implement Storage Accounts
- Implement NoSQL Databases
- Implement Azure SQL Databases
- Implement and Manage Azure Governance
- Manage Security for Applications

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- Manage Workloads in Azure
- Implement Container-Based Applications
- Implement an Application Infrastructure
- Implement Cloud Infrastructure Monitoring

REQUIREMENTS:

- Understanding of on-premises virtualisation technologies, including VMs and virtual networking
- Understanding of network configuration, including TCP/IP, Domain Name System (DNS), virtual private networks (VPNs), firewalls, and encryption technologies
- Understanding of Active Directory concepts, including domains, forests, and domain controllers
- Role-based access control (RBAC)
- Azure portal, PowerShell, and ARM templates
- Azure Alerts and Activity Log
- Cloud Shell and Resource Explorer
- ASR on a Hyper-V infrastructure to prepare and complete the migration process
- Azure Multi-Factor Authentication
- Azure Kubernetes Service (AKS)
- Azure Container Registry

Difficulty level



CERTIFICATE:

Certificate of completing an authorized Microsoft training

TRAINER:

Microsoft Certified Trainer

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