MS-Azure (AZ-104)

Course Objective

Prepare learners for the **Microsoft Azure Administrator (AZ-104) certification** by building strong hands-on skills to manage Azure identities, governance, storage, compute, virtual networks, monitoring, and security.

TARGET AUDIENCE

System Administrators, IT Support Engineers, Cloud Engineers, DevOps Aspirants, Freshers with IT background

DURATION

Weekdays: 50 Days x 1 hour
Weekend: 16 Days x 3 hours

TRAINING MODE

- Online
- Classroom
- Corporate - Inhouse

PREREQUISITE

Basic networking, OS fundamentals. Prior cloud knowledge is helpful but not mandatory.

COURSE DELIVERABLES

- Hand-on labs & practice exercises
- Real-world administration scenarios
- AZ-104 exam guidance material
- Certificate of completion
- Post-training support

OUTCOME / SKILLS GAINED

- Azure administration & management
- Identity, compute, storage & networking skills
- Monitoring, security & cost control
- Confident to handle Azure admin roles

MODULE 1: CLOUD COMPUTING & AZURE FUNDAMENTALS

• What is Cloud Computing
• Azure global infrastructure
    ○ Regions & Availability Zones
    ○ Region pairs
	• Public vs Private vs Hybrid cloud
	• Azure subscriptions & account
	• Azure portal overview
	• Cloud service models: IaaS, PaaS, SaaS

MODULE 2: AZURE IDENTITY & GOVERNANCE

• Azure Active Directory (Azure AD) • Users, groups & administrative roles • Role-based Access controls (RBAC)	• Azure subscriptions & management groups • Resource groups & resource locks • Azure Policy & Blueprints (intro)

MODULE 3: AZURE STORAGE ACCOUNT

• Storage account types • Blob storage • File storage • Queue & Table storage (overview)	• Storage security & access keys • Shared Access Signatures (SAS) • Storage redundancy options • Create & manage storage accounts

MODULE 4: AZURE VIRTUAL MACHINE (COMPUTE)

• Virtual machine concept • Creating Windows & Linux VMs • VM sizes & prices • VM availability options	• Connecting to VMs (RSP / SSH) • VM backups & snapshots • VM scale sets (overview) • Deploy & manage Azure VMs

MODULE 5: AZURE NETWORKING – CORE CONCEPTS

• Virtual Network (VNet) • Subnets & IP addressing • Network Security Groups (NSG)	• Azure DNS • Public & private IP addresses • VNet peering

MODULE 6: ADVANCED NETWORKING & CONNECTIVITY

• Azure Load Balancer • Application Gateway (intro) • VPN Gateway	• Site-to-site VPN • Point-to-point VPN • ExpressRoute (conceptual)

MODULE 7: AZURE WEB APPS & APP SERVICES

• Azure App Service overview • Creating Web apps (overview) • App Service plans	• Scaling web apps • Deployment slots (intro) Web apps creating is not apps development

MODULE 8: AZURE MONITORING & BACKUP

• Azure Monitor • Log Analytics workspace • Alerts & metrics	• Azure Backup • Azure Site Recovery (overview)

MODULE 9: AZURE SECURITY & COMPLIANCE

• Azure Security Center (overview) • Secure Score • Identity security best practices	• Network security best practices • Data protecting basics

MODULE 10: AZURE AUTOMATION & ADMINISTRATION TOOLS

• Azure Resource Manager (ARM) overview • ARM templates (intro) • Azure CLI (basics)	• Azure PowerShell (basics) • Azure Advisor

MODULE 11: MANAGING AZURE COSTS & SUBSCRIPTIONS

• Azure pricing models • Cost Management & Billing	• Budgets & cost alerts • Optimizing Azure costs

MODULE 12: AZURE GOVERNANCE & BEST PRACTICES

• Tagging resources • Naming conventions	• Monitoring & logging best practices • High availability & disaster recovery concept

MODULE 13: EXAM-ORIENTED PREPARATION (AZ-104)

• AZ-104 exam structure & domains • Important exam topics & weightage • Practice scenarios	• Common exam traps & tips • Sample question discussion (optional)

MODULE 14: REAL-LIFE AZURE ADMINISTRATION SCENARIOS

• Hosting a web application on Azure • VM + storage + network setup	• Backup & recovery scenario • Cost optimization case study

MODULE 15: REVISION, INTERVIEW PREPARATION

• Key topics revision • Azure Administrator interview questions	• Certification & career roadmap guide • Q&A session

Why Choose Us?	Few Corporate Client References
✓ Trusted by 10,000+ learners – PAN India, USA, Europe, UAE for Microsoft courses ✓ Practical, job-oriented training ✓ Real-world office & business examples ✓ Experienced trainer with industry exposure ✓ Small batches & personalized attention ✓ Post-training support	• Bharat Forge Limited • KSB Tech Pvt. Ltd. • International School of Management & Research (ISMR) • MSINDIA Health Insurance TPA Pvt. Ltd. • HUSCO Hydraulics Pvt. Ltd. • Francois Compressors India Pvt. Ltd. • NORD Drivesystems Pvt. Ltd. • Equilibrium Solutions Pvt. Ltd. • ITESKUL • Green Packaging Industries Pvt. Ltd. • Flexibility HR Solutions Pvt. Ltd. • Astro MedTech Pvt. Ltd. • Indus Towers Limited • BDG Metals & Power Limited • MTech Innovations Limited • NSDM India
FAQ	
If I miss any session? No worries. We track the progress of every participant. Missed session can be covered later through a backup session or by joining another batch free of cost. **Do I get course material?** Yes, participants receive course material in PDF format along with practice data sheets. **Is course fee refundable?** Yes. The first session is treated as a demo and is eligible for a 100% refund with no questions asked. After the first session, fees are non-refundable under any circumstances.	visit our website for more details

Queries / enrollment / customization, please contact:

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