

# AZURE

## 60 Days Training Program



**Unlock the Azure Advantage: Empowering  
Innovation in the Cloud**

IIHT Jaipur believe that upskilling is mightier than massive layoffs. And not just us, but countless companies attest to it and have adopted this approach in their businesses as well. The domain expertise these upskilled individuals bring in is what sets them apart. We focus on nurturing these aspects. So, whether you are a student in college or a fresh graduate entering corporate, we have something for you to offer. We are an online and offline training institution that provides students and professionals with courses in high demand. We provide training in a vast array of technologies, including Cloud Computing, DevOps, Cyber Security, Full stack development, Data Science, Digital Marketing, and Web Development, among others.

Azure is a cloud computing and services platform that is housed in Microsoft's data centres. Microsoft offers a solution that is both inexpensive and efficient in terms of cost when it comes to the deployment and management of applications, services, and machines in the cloud by using its Azure technology.

### **Onsite/Online Training**

Employees receive onsite training in their workplace or another convenient location chosen by the employer. It guarantees a relaxing learning atmosphere at workers' desks.

### **What makes Microsoft Azure training worthwhile?**

Attending one of the top Microsoft Training programmes, such as Azure, will put you one step closer to building a successful profession in the near future. With the rising popularity of cloud computing, the majority of IT organisations are planning to hire skilled personnel with an understanding of Azure cloud technology.



## Section 01 - Quick Start

- Course Introduction

## Section 02 - Microsoft Azure Administrator Course

- Microsoft Azure Administrator Course
- Welcome to the Course
- Multi-Channel Learning and Other Resources

## Section 03 - Manage Azure Subscriptions

- Manage Azure Subscriptions
- Cost Center and Tagging
- Managing Policy by PowerShell and CLI
- Azure Policy

## Section 04 - Analyse Resource Utilization & Consumption

- Diagnostics
- Baseline Environment
- Create Alerts
- Create Metrics
- Action Groups
- Manage Costs
- Log Analytics

## Section 05 - Manage Resource Groups

- Resource Group Policy
- Move Resources
- Section One Wrap Up

## Section 06 - Create and Configure Storage Accounts

- Create and Configure Storage Accounts
- Virtual Networks and Firewalls
- Access Keys and SAS
- Storage Explorer
- Log Analytics
- Redundant Storage

## Section 07 - Import and Export Data to Azure

- Import and Export Data to Azure
- Blob Storage
- CDN

## Section 08 - Configure Azure Files

- Configure Azure Files
- Azure File Sync
- Troubleshoot Azure File Sync

## Section 09 - Azure Backup

- Azure Backup
- On-Premises Backup
- Backup Reports
- Section 2 Wrap Up

## Section 10 - Azure Virtual Machines

- Azure Virtual Machines
- Connect to a Virtual Machine
- VM Availability
- VM Monitoring
- Virtual Machine Scale Sets (VMSS)

## Section 11 - Windows and Linux VMs

- Windows and Linux VMs - Part One
- Modify Existing ARM Templates - Part Two
- Modify Existing ARM Templates - Part Three
- Modify Existing ARM Templates - Part Four Deploy Linux
- VM Using ARM Templates

## Section 12 - Manage Azure VM

- Manage Azure VM
- Add NIC Interfaces to a VM
- Change VM Size Redeploy a VM

## Section 13 - Manage VM Backups

- Manage VM Backups
- VM Backup Jobs and Restores Wrap Up

## Section 14 - Virtual Network Connectivity

- Virtual Network Connectivity VNet-to-VNet Connection

## Section 15 - Manage Virtual Networking

- Manage Virtual Networking
- Public IP Addresses Network Routing

## Section 16 - DNS

- DNS
- Assign a Custom Domain

## Section 17 - Network Security Groups

- Network Security Groups
- Implement Effective NSG Rules
- Wrap Up

## Section 18 - Azure Active Directory

- Azure Active Directory
- Create Azure AD
- Add Custom Domains
- Trial Upgrade to Premium P2
- AD Identity Protection
- Self Service Password Reset
- Conditional Access
- Access Reviews

## Section 19 - Manage AD Objects

- Manage AD Objects
- Manage Devices

## Section 20 - Hybrid Identities

- Hybrid Identities Wrap Up
- Azure Active Directory
- Create Azure AD
- Add Custom Domains
- Trial Upgrade to Premium P2

## Section 21 - Implement Multi-Factor Authentication (MFA)

- Implement Multi-Factor Authentication (MFA)
- AAD Conditional Access
- Configuring Fraud Alerts
- MFA One Time Bypass
- AAD MFA Verification Methods Trusted IPs

## Section 22 - Managed Role-Based Access Control (RBAC)

- Managed Role-Based Access Control (RBAC)
- Creating Custom RBAC Roles

## Section 23 - Implement Azure Load Balancer

- Implement Azure Load Balancer
- Setup Load Balancer
- Front End IP Configuration

## Section 24 - Monitor and Troubleshoot Virtual Networking

- Monitor and Troubleshoot Virtual Networking Network Watcher

*Connecting Talent to Opportunity*

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