

Since 2007, Making IT Experts & Products

Course: Microsoft Azure

Duration: 30 Hrs (Changeable) | Fees: Individual / Batch

Since 2007, Nestsoft TechnoMaster has been providing training, internships, and services in IT technologies, both online and offline, with the expertise of **over 250 industry experts**. We have delivered internships, training, and seminars to more than 50,000 students, resulting in numerous success stories. **We offer 100% placement support through JobsNEAR.in**

Our Courses/Internship

- Python/Django Fullstack
- Artificial Intelligence
- Machine Learning
- Data Science
- Software Testing (All)
- Wordpress, Woocommerce
- Digital Marketing, SEO
- Php/MySQL, Laravel
- Flutter, Android, IOS
- Asp.net MVC
- Web Design, Javascript
- Angular JS, React JS
- CCNA, MCSA, CCNP
- AWS, GCP, Azure
- Odoo, SalesForce, Sap
- Microsoft Excel
- Ethical Hacking



Syllabus on the Next Page ..



Our Head Office: Nestsoft TechnoMaster, Infopark, Cochin - 42, Kerala, India

+91 9895490866

+91 8301010866

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Module 1. Introduction

Module 2. Manage Azure AD objects

- * create users and groups
- * manage user and group properties
- * manage device settings
- * perform bulk user updates
- * manage guest accounts
- * configure Azure AD Join
- * configure self-service password reset

Module 3. Manage role-based access control (RBAC)


- * create a custom role
- * Provide access to Azure resources by assigning roles
- * resource groups
- * resources (VM, disk, etc.)
- * interpret access assignments
- * manage multiple directories

Module 4. Manage subscriptions and governance

- * configure Azure policies
- * configure resource locks
- * apply tags
- * manage subscriptions
- * configure Cost Management
- * configure management groups

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Module 5. Manage storage accounts

- * configure network access to storage accounts
- * create and configure storage accounts
- * generate shared access signature
- * manage access keys
- * implement Azure storage replication
- * Configure Azure AD Authentication for a storage Account

Module 6. Manage data in Azure storage

- * Export from Azure Job
- * import into Azure job
- * install and use Azure Storage Explorer
- * copy data by using AZCopy


Module 7. Configure Azure files and Azure blob storage


- * create an Azure file share
- * create and configure Azure File Sync service
- * configure Azure blob storage
- * configure storage tiers for Azure blobs

Module 8. Configure VMs for high availability and scalability

- * configure high availability
- * deploy and configure scale sets
- * Automate deployment and configuration of VMs
- * modify Azure Resource Manager (ARM) template

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- * configure VHD template
- * deploy from template
- * save a deployment as an ARM template
- * Automate Configuration Management

Module 9. Create and configure VMs

- * configure Azure Disk Encryption
- * move VMs from one resource group to another
- * manage VM sizes
- * add data discs
- * configure networking
- * redeploy VMs

Module 10. Create and configure Containers

- * create and configure Azure Kubernetes Service (AKS)
- * create and configure Azure Container Instances (ACI)

Module 11. Create and configure Web Apps

- * create and configure App Service
- * create and configure App Service Plans

Module 12. Implement and manage virtual networking

- * create and configure VNET peering

subnets, and virtual networks. Configure private and public IP addresses, network routes, network interface,

Module 13. Configure name resolution

- * configure Azure DNS

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- * configure custom DNS settings
- * Configure a private or public DNS

Module 14. None Secure access to Virtual Network

- * create security rules
- * associate an NSG to a subnet or network interface
- * evaluate effective security rules
- * deploy and configure Azure Firewall
- * deploy and configure Azure Bastion Service

Module 15. Configure load balancing

- * configure Application Gateway
- * configure an internal load balancer
- * configure load balancing rules
- * configure a public load balancer
- * troubleshoot load balancing

Module 16. Monitor and troubleshoot virtual networking

- * monitor on-premises connectivity
- * use Network Performance Monitor
- * use Network Watcher
- * troubleshoot external networking
- * troubleshoot virtual network connectivity

Module 17. Integrate an on-premises network with an Azure virtual network

- * create and configure Azure VPN Gateway

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- * create and configure VPNs
- * configure ExpressRoute
- * configure Azure Virtual WAN

Module 18. Monitor resources by using Azure Monitor

- * configure and interpret metrics
- * analyze metrics across subscriptions
- * configure Log Analytics
- * query and analyses logs create a query
- * set up alerts and actions
- * Create and test alerts
- * View alerts in Azure
- * configure Application Insights

Module 19. Implement backup and recovery

- * configure and review backup reports
- * perform backup and restore operations by using Azure Backup
- * create a Recovery Services Vault
- * create and configure backup policy
- * perform site-to-site recovery by using Azure Site Recovery

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(Click on Course for more details)

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- Thank You -


N.B: This syllabus is not final and can be customized as per requirements / updates.

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