

TechnoMaster

Microsoft Azure

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

TRAINING BY INDUSTRY EXPERTS

Since 2007, Nestsoft TechnoMaster has been providing training and internships in IT technologies, both online and offline. We have given internships, training, and seminars to more than 25,000 students and achieved more success stories. **We offer 100% placement support through JobsNEAR.in**

ALL IT Courses

- Python Full Courses
- Digital Marketing
- Php/MySQL
- Laravel
- Asp.net MVC
- Flutter
- Android, Java, IOS
- Wordpress
- Software Testing
- Web Design
- Angular JS
- React JS
- CCNA, MCSA
- AWS, GCP, Azure
- ODOO, Fortinet
- Ethical Hacking

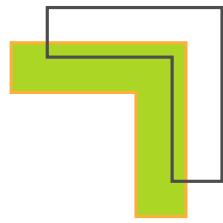


Syllabus Contd..



TechnoMaster

Syllabus



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



TechnoMaster

Syllabus

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



TechnoMaster

Syllabus

- * 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, private and public IP addresses, network routes, network interface,

Module 13. Configure name resolution

- * configure Azure DNS



TechnoMaster

Syllabus

- * 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

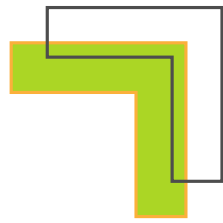
Module 17. Integrate an on-premises network with an Azure virtual network

- * create and configure Azure VPN Gateway



TechnoMaster

Syllabus



- * 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