

Since 2007, Making IT Experts & Products

Course: MCSE

Duration: 40 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 ..



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MODULE 1

- * Windows Server 2012 Overview
- * Overview of Windows Server 2012 Management
- * Installing Windows Server 2012
- * Post-Installation Configuration of Windows Server 2012
- * Introduction to Windows PowerShell

MODULE 2

- * Introduction to Active Directory Domain Services
- * Overview of AD DS
- * Overview of Domain Controllers
- * Installing a Domain Controller

MODULE 3


- * Managing Active Directory Domain Services Objects
- * Managing User Accounts
- * Managing Group Accounts
- * Managing Computer Accounts
- * Delegating Administration


MODULE 4

- * Automating Active Directory Domain Services Administration
- * Using Command-line Tools for Administration
- * Using Windows PowerShell for Administration
- * Performing Bulk Operations with Windows PowerShell

MODULE 5

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- * Implementing IPv4
- * Overview of TCP/IP
- * Understanding IPv4 Addressing
- * Subnetting and Supernetting
- * Configuring and Troubleshooting IPv4

MODULE 6

- * Implementing DHCP
- * Installing a DHCP Server Role
- * Configuring DHCP Scopes
- * Managing a DHCP Database
- * Securing and Monitoring DHCP


MODULE 7


- * Implementing DNS
- * Name Resolution for Windows Client and Servers
- * Installing and Managing a DNS Server
- * Managing DNS Zones

MODULE 8

- * Implementing IPv6
- * Overview of IPv6
- * IPv6 Addressing
- * Coexistence with IPv6
- * IPv6 Transition Technologies

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MODULE 9

- * Implementing Local Storage
- * Overview of Storage
- * Managing Disks and Volumes
- * Implementing Storage Spaces

MODULE 10

- * Implementing File and Print Services
- * Securing Files and Folders
- * Protecting Shared Files and Folders Using Shadow Copies
- * Configuring Network Printing

MODULE 11


- * Implementing Group Policy
- * Overview of Group Policy
- * Group Policy Processing
- * Implementing a Central Store for Administrative Templates


MODULE 12

- * Securing Windows Servers Using Group Policy Objects
- * Windows Security Overview
- * Configuring Security Settings
- * Restricting Software
- * Configuring Windows Firewall with Advanced Security

MODULE 13

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- * Implementing Server Virtualization with Hyper-V
- * Overview of Virtualization Technologies
- * Implementing Hyper-V
- * Managing Virtual Machine Storage
- * Managing Virtual Networks


MODULE 14


- * Administering windows server
- * Deploying and Maintaining Server Images
- * Configuring and Troubleshooting Domain Name System
- * Maintaining Active Directory Domain Services
- * Managing User and Service Accounts
- * Implementing a Group Policy Infrastructure
- * Managing User Desktops with Group Policy
- * Configuring and Troubleshooting Remote Access
- * Installing, Configuring, and Troubleshooting the Network Policy Server Role
- * Implementing Network Access Protection
- * Optimizing File Services
- * Configuring Encryption and Advanced Auditing
- * Implementing Update Management
- * Monitoring Windows Server 2012


MODULE 15

- * Configuring Advanced Windows Server Services

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- * Implementing Advanced Network Services
- * Implementing Advanced File Services
- * Implementing Dynamic Access Control
- * Implementing Distributed Active Directory Domain Services Deployments
- * Implementing Active Directory Domain Services Sites and Replication
- * Implementing Active Directory Certificate Services
- * Implementing Active Directory Rights Management Services
- * Implementing Network Load Balancing
- * Implementing Failover Clustering
- * Implementing Failover Clustering with Hyper-V
- * Implementing Disaster Recovery

(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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