

### Windows Server MCSA MCSE Certification Training Overview

- We provide excellent training experience to our students in windows courses, our windows server administration trainers are most experienced and highly skilled IT professionals.
- Windows has more than 50% of the global market share in the server OS market. All desktops run windows operating system as its very user friendly and gives more tools to do day to day tasks like printing, browsing.
- MCSA & MCSE Training course is designed to provide in depth knowledge about windows system administration principles and its services. The sessions will be conducted by IT professional having more than 10 years of experience.
- Windows server administration training course covers an up to date and most relevant topics which are required by most of the companies, our faculty knows what topics & syllabus to be covered & what project work to be covered.
- All our instructors have min 10 years' experience in windows system administration. Apponix offers this course since 2013 & we have trained more than 1000 IT professionals in MCSE and MCSA. We are one of the top MCSA & MCSE training providers in India and we have retained that position since 2013.

### Why choose Apponix as a Top MCSA & MCSE Training center in Bangalore?

- Apponix has excellent qualified Windows Server Administration Trainers
- 100% student satisfaction rate, we will continue that in future.
- 6000+ satisfied students overall till now.
- Excellent Lab infrastructure and facility for windows Training
- Very experienced IT professionals as our faculty.

### Placement assistance for MCSA MCSE Training

- We have tied up with many companies & recruitment agencies, also we are official partner of [www.talentsarena.com](http://www.talentsarena.com).
- we have a dedicated HR team who can help you in getting job as soon as you complete the training
- Our trainers are very helpful & they will help you with most expected interview questions & answers in MCSA & MCSE.

**Course Duration : 50 Hours**

- **Module 1: Deploying and Managing Windows Server 2012**

- This module introduces students to the editions of Windows Server 2012 and the new Windows Server 2012 management tools. It also covers how to install Windows Server 2012, how to perform post-deployment tasks, and how to perform basic administrative tasks.

**Lessons**

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

**Lab : Deploying and Managing Windows Server 2012**

- Deploying Windows Server 2012
- Configuring Windows Server 2012 Server Core
- Managing Servers After completing this module, students will be able to:
  - Describe Windows Server 2012.
  - Install Windows Server 2012.
  - Perform post installation configuration of Windows Server 2012.
  - Describe the management tools available in Windows Server 2012.

- **Module 2: Introduction to Active Directory Domain Services**

- This module covers the structure of Active Directory Domain Services (AD DS) and its various components, such as forest, domain, and organizational units (OUs). It also gives an overview of domain controllers, in addition to choices that are available with Windows Server 2012 for installing AD DS on a server.

**Lessons**

- Overview of AD DS
- Overview of Domain Controllers
- Installing a Domain Controller

**Lab : Installing Domain Controllers**

- Installing a Domain Controller
- Installing a Domain Controller by Using IFM After completing this module, students will be able to:
  - Describe the structure of AD DS.
  - Describe the purpose of domain controllers.
  - Install a domain controller.

- **Module 3: Managing Active Directory Domain Services Objects**

- This module describes how to manage user accounts and computer accounts, including how to manage various consumer devices that employees use. The module also covers how to manage an enterprise network by managing groups, and how to delegate administrative tasks to designated users or groups.

**Lessons**

- Managing User Accounts
- Managing Groups
- Managing Computer Accounts
- Delegating Administration

**Lab : Managing Active Directory Domain Services Objects**

- Delegating Administration for a Branch Office

- **Module 4: Automating Active Directory Domain Services Administration**

- This module describes how to use command line tools and Windows PowerShell to automate AD DS administration. It discusses various command-line tools and Windows PowerShell commands, and then describes how to use these tools and commands to modify objects individually and in bulk operations.

**Lessons**

- Using Command-line Tools for AD DS Administration
- Using Command-line Tools for AD DS Administration
- Using Windows PowerShell for AD DS Administration
- Performing Bulk Operations with Windows PowerShell

**Lab : Automating AD DS Administration by Using Windows PowerShell**

- Creating User Accounts and Groups by Using Windows PowerShell
- Using Windows PowerShell to Create User Accounts in Bulk
- Using Windows PowerShell to Modify User Accounts in Bulk After completing this module, students will be able to:
  - Use command line tools for AD DS administration.
  - Use Windows PowerShell cmdlets for AD DS administration.
  - Perform bulk operations by using Windows PowerShell.

- **Module 5: Implementing IPv4**

- Identifying Appropriate Subnets
- Troubleshooting IPv4 After completing this module, students will be able to:
  - Describe the TCP/IP protocol suite.
  - Describe IPv4 addressing.
  - Determine a subnet mask necessary for supernetting or subnetting.
  - Configure IPv4 and troubleshoot IPv4 communication.

- **Module 6: Implementing Dynamic Host Configuration Protocol**

- This module covers supporting and troubleshooting a Windows Server–based network infrastructure by deploying, configuring, and troubleshooting the Dynamic Host Configuration Protocol (DHCP) server role.

**Lessons**

- Overview of the DHCP Server Role
- Configuring DHCP Scopes
- Managing a DHCP Database
- Securing and Monitoring DHCP

**Lab : Implementing DHCP**

- Implementing DHCP
- Implementing a DHCP Relay Agent (Optional Exercise)

**After completing this module, students will be able to:**

- Explain the DHCP server role.
- Configure DHCP scopes.
- Manage a DHCP database.
- Secure and monitor the DHCP server role.

- **Module 7: Implementing DNS**

- This module describes name resolution for Windows operating system clients and Windows Server servers. It also covers installing and configuring a DNS Server service and its components.

**Lessons**

- Name Resolution for Windows Clients and Servers
- Installing a DNS Server
- Managing DNS Zones

**After completing this module, students will be able to:**

- Describe name resolution for Windows operating system clients and Windows Server servers.
- Install and manage a DNS Server.
- Manage DNS zones.

- **Module 8: Implementing Group Policy**

- This module provides an overview of Group Policy and provides details about how to implement Group Policy.

**Lessons**

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

### **Lab : Implementing Group Policy**

- Configuring a central store
- Creating GPOs

#### **After completing this module, students will be able to:**

- Create and manage Group Policy Objects (GPOs).
- Describe Group Policy processing.
- Implement a Central Store for Administrative Templates.

#### **After completing this module, students will be able to:**

- Describe the requirement rules and dependencies for deployment types.
- Configure multiple deployment types and user device affinity.
- Manage applications by uninstalling and replacing applications using application supersedence.

- **Module 9: Securing Windows Servers Using Group Policy Objects**

- This module describes Windows Server 2012 operating system security. It covers how to identify security threats, plan your strategy to mitigate security threats, and secure your Windows Server 2012 infrastructure.

#### **Lessons**

- Security Overview for Windows Operating Systems
- Configuring Security Settings
- Restricting Software
- Configuring Windows Firewall with Advanced Security

#### **Lab : Increasing Security for Server Resources**

- Using Group Policy to Secure Member Servers
- Auditing File System Access
- Auditing Domain Logons

#### **Lab : Configuring AppLocker and Windows Firewall**

- Configuring AppLocker Policies
- Configuring Windows Firewall

#### **After completing this module, students will be able to:**

- Describe Windows Server operating system security.
- Configure security settings by using Group Policy.
- Increase security for server resources.
- Restrict unauthorized software from running on servers and clients.
- Configure Windows Firewall with Advanced Security.

- **Module 10: Configuring and Troubleshooting Domain Name System**

- This module explains how to configure and troubleshoot DNS, including DNS replication and caching.

**Lessons**

- Configuring the DNS Server Role
- Configuring DNS Zones
- Configuring DNS Zone Transfers
- Managing and Troubleshooting DNS

**Lab : Configuring and Troubleshooting DNS**

- Install and configure the DNS server role.
- Create and configure DNS zones.
- Configure DNS zone transfers.
- Manage and troubleshoot DNS.

**After completing this module, students will be able to:**

- Determining Software Update Compliance
- Deploying Software Updates to Clients
- Configuring Automatic Deployment Rules

- **Module 11: Maintaining Active Directory Domain Services**

- This module explains how to implement virtualized domain controllers and read-only domain controller (RODCs). It also explains how to perform common AD DS administrative tasks and manage the AD DS Database.

**Lessons**

- Overview of AD DS
- Implementing Virtualized Domain Controllers
- Implementing RODCs
- Administering AD DS
- Managing the AD DS Database

**Lab : Maintaining AD DS**

- Installing and Configuring a RODC
- Configuring AD DS Snapshots
- Configuring the Active Directory Recycle Bin
- Optional Exercise- Cloning a domain controller

**After completing this module, students will be able to:**

- Implement virtualized domain controllers.
- Implement RODCs
- Administer AD DS.
- Manage the AD DS database

- **Module 12: Managing User and Service Accounts**

- This module explains how to create, configure and automate the creation of user accounts. It also explains how to configure account-related properties of user objects. It further explains how to create and administer Managed Service Accounts.

**Lessons**

- Configuring Password Policy and User Account Lockout Settings
- Configuring Managed Service Accounts

**Lab : Managing User and Service Accounts**

- Configuring Password Policy and Account Lockout Settings
- Creating and Associating a Managed Service Account

**After completing this module, students will be able to:**

- Configure password policy and user account lockout settings.
- Configure managed service accounts.

- **Module 13: Implementing a Group Policy Infrastructure**

- This module explains how to implement a GPO infrastructure. This also teaches how to perform common GPO management tasks, and manage GPOs by using Windows PowerShell. It also focuses on troubleshooting the application of GPOs.

**Lessons**

- Introducing Group Policy
- Implementing and Administering GPOs
- Group Policy Scope and Group Policy Processing
- Troubleshooting the Application of GPOs

**Lab : Implementing a Group Policy Infrastructure**

- Creating and Configuring Group Policy Objects
- Managing GPO Scope
- Verify GPO Application
- Managing GPOs

**After completing this module, students will be able to:**

- Explain what Group Policy is.
- Implement and administer Group Policy Objects (GPOs).
- Manage Group Policy scope and Group Policy processing.
- Troubleshoot the application of GPOs.

- **Module 14: Managing User Desktops with Group Policy**

- This module explains how you can use Group Policy Objects (GPOs) to implement desktop environments across your organization by using Administrative Templates, Folder Redirection, Group Policy preferences, and where applicable, use software deployment to install and update application programs. It is important to know how to use these various GPO features so that you can configure your users' computer settings properly.

**Lessons**

- Implementing Administrative Templates
- Configuring Folder Redirection and Scripts
- Configuring Group Policy Preferences
- Managing Software with Group Policy

**Lab : Managing User Desktops with Group Policy**

- Implement Settings by Using Group Policy Preferences
- Managing Office 2013 by using Administrative Templates
- Deploying Software by using Group Policy
- Configuring Folder Redirection

**After completing this module, students will be able to:**

- Configure folder redirection and scripts by using GPOs.
- Describe and implement Administrative Templates.
- Configure GPO preferences.
- Deploy software by using GPOs.

- **Module 15: Implementing Remote Access**

- In this module, you will learn how to implement and manage remote access in Windows Server 2012. You will also learn how to implement DirectAccess by using the Getting Started wizard, implement and manage an advanced DirectAccess infrastructure, and implement VPN.

**Lessons**

- Overview of Remote Access
- Implementing DirectAccess by Using the Getting Started Wizard
- Implementing and Managing an Advanced DirectAccess Infrastructure
- Implementing VPN
- Implementing Web Application Proxy

**Lab : Implementing DirectAccess by Using the Getting Started Wizard**

- Verifying Readiness for a DirectAccess Deployment
- Configuring DirectAccess
- Validating the DirectAccess Deployment



#### **Lab : Deploying an Advanced DirectAccess Solution**

- Preparing the Environment for DirectAccess
- Implementing the Advanced DirectAccess Infrastructure
- Validating the DirectAccess Deployment

#### **Lab : Implementing VPN**

- Implementing VPN
- Validating the VPN Deployment

#### **Lab : Implementing Web Application Proxy**

- Implementing Web Application Proxy
- Validating the Web Application Proxy Deployment

#### **After completing this module, students will be able to:**

- Install and manage the Remote Access role in Windows Server 2012 operating system.
- Implement DirectAccess by using the Getting Started Wizard.
- Implement and manage an advanced DirectAccess Infrastructure.
- Implement VPN access.
- Implement Web Application Proxy.

- **Module 16: Monitoring Windows Server 2012**

- This module explains the monitoring tools available in Windows Server 2012. it also explains how to use Performance Monitor and monitor events.

#### **Lessons**

- Monitoring Tools
- Using Performance Monitor
- Monitoring Event Logs

#### **Lab : Monitoring Windows Server 2012**

- Establishing a Performance Baseline
- Identifying the Source of a Performance Problem
- Viewing and Configuring Centralized Event Logs

#### **After completing this module, students will be able to:**

- Describe the monitoring tools for the Windows Server 2012 operating system.
- Use Performance Monitor to view and analyze performance statistics of programs that are running on their servers.
- Monitor event logs to view and interpret the recorded events..

## Career after Windows Training Course in Bangalore

- Bangalore is a home for more than 500 MNCs, you should not have any doubt on shortage of windows system administration jobs in Bangalore.  
IT technologies is growing and there a huge demand for windows administrators & engineers.

## Salary expectation after completion of Training.

- As there is a growing demand for windows system administrators, the salary is also constantly increasing for Windows sys admin skills, As per payscale.com Average salary for Windows administrator is Rs 5,39,553 per year.