APPONIX
academy

ISO 9001
INTERNATIONALLY
ACCREDITED

Microsoft serve

"POWER IT INFRASTRUCTURES, LEAD WITH MICROSOFT SERVER"

SYLLABUS

Version: 1.0

APPONIX academy
SINCE 2013

About Apponix Academy

+ Apponix Academy is a leading training institute offering both online and offline courses in trending technologies like Cloud Computing, DevOps, Cyber Security, Full Stack Development, Data Science, Digital Marketing, and more.

+ Established in 2013, Apponix has trained over 50,000 students across India and abroad, helping them build successful careers in the tech industry.

+ With centers in Bangalore, Pune, Mumbai, Hubli, Aurangabad, Tumkur, Trichy, Gwalior, Ranchi, and more, Apponix continues to expand rapidly across the country.

+ All our courses are designed to be job-oriented, practical, and aligned with real-world industry requirements.

+ Our training is delivered by 100+ highly experienced corporate trainers who are experts in their respective fields.

+ We offer flexible learning options, allowing students to choose between classroom sessions and live online classes.

+ Apponix is ISO certified and provides globally recognized certifications from AWS, Microsoft, and Google.

+ Over 3,000+ Apponix alumni are successfully placed in top MNCs with salaries above ₹15 LPA.

+ Our focus is on 100% hands-on learning, project-based assignments, and real-time case studies.

+ We provide complete career support including resume building, interview preparation, and placement assistance.

+ With a strong presence and proven track record, Apponix Academy continues to be a trusted name in professional IT training.

COURSE KEY FEATUERS

- Delivered by Industry Experts
- Designated Placement Advisor
- Placement assistance will be provided
- Interview Grooming Sessions
- Microsoft Server related Projects
- Mock interview sessions
- Professional resume building session
- Weekly Practice Assignments
- Classroom & Online Training
- Industry Relevant Syllabus

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🏆 Awards & Accreditations 🏆

IABAC Authorized Partner

JAINx University Partner

ISO Certified

VMWARE Authorized Partner

Most Promising Training Institute

MSME Certified

Sample Certificate

APPONIX™ academy
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Certificate of Achievement

This is to certify that

◀ VIGNESH ▶

has successfully completed

Microsoft serve

Training Program on

25, MARCH, 2025

Pradeep NK
MANAGING DIRECTOR

Certificate ID : APXCCLAD252501027

The Certificate ID can be verified at www.apponix.com/verify-certificate to check the authenticity of this certificate

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 since2013.

MCSA: Windows Server Administration (L1 and L2 Support)

1: Installing and configuring domain controllers

Lessons
- Overview of AD DS
- Overview of AD DS domain controllers
- Deploying a domain controller

Lab : Deploying and administering AD DS
- Deploying AD DS
- Deploying domain controllers by performing domain controller cloning
- Administering AD DS

2: Managing objects in AD DS

Lessons
- Managing user accounts
- Managing groups in AD DS
- Managing computer objects in AD DS
- Using Windows PowerShell for AD DS administration
- Implementing and managing OUs

Lab : Managing AD DS objects
- Creating and managing groups in AD DS
- Creating and configuring user accounts in AD DS
- Managing computer objects in AD DS

Lab : Administering AD DS
- Delegate administration for OUs
- Creating and modifying AD DS objects with Windows PowerShell

3: Advanced AD DS infrastructure management

Lessons

- Overview of advanced AD DS deployments
- Deploying a distributed AD DS environment
- Configuring AD DS trusts

Lab : Domain and trust management in AD DS

- Implementing forest trusts
- Implementing child domains in AD DS

4: Implementing and administering AD DS sites and replication

Lessons

- Overview of AD DS replication
- Configuring AD DS sites
- Configuring and monitoring AD DS replication

Lab : Implementing AD DS sites and replication

- Modifying the default site
- Creating additional sites and subnets
- Configuring AD DS replication
- Monitoring and troubleshooting AD DS replication

5: Implementing Group Policy

Lessons

- Introducing Group Policy
- Implementing and administering GPOs
- Group Policy scope and Group Policy processing
- Troubleshooting the application of GPOs

- Creating and configuring GPOs
- Managing GPscope

Lab : Troubleshooting Group Policy infrastructure
- Verify GPO application
- Troubleshooting GPOs

6: Managing user settings with Group Policy

Lessons
- Implementing administrative templates
- Configuring Folder Redirection, software installation, and scripts
- Configuring Group Policy preferences

Lab : Managing user settings with GPOs
- Using administrative templates to manage user settings
- Implement settings by using Group Policy preferences
- Configuring Folder Redirection
- Planning Group Policy (optional)

7: Securing Active Directory Domain Services

Lessons
- Securing domain controllers
- Implementing account security
- Implementing audit authentication
- Configuring managed service accounts

Lab : Securing AD DS

- Implementing security policies for accounts, passwords, and administrative groups
- Deploying and configuring an RODC
- Creating and associating a group MSA

8: Planning and implementing an IPv4 network

Lessons
- Planning IPv4 addressing
- Configuring an IPv4 host
- Managing and troubleshooting IPv4 network connectivity

Lab : Planning an IPv4 network
- Planning the IPv4 address assignments

Lab : Implementing and troubleshooting an IPv4 network
- Verifying IPv4
- Troubleshooting IPv4

9: Implementing DHCP

Lessons
- Overview of the DHCP server role
- Deploying DHCP
- Managing and troubleshooting DHCP

Lab : Implementing DHCP
- Planning a DHCP server implementation
- Implementing the DHCP configuration
- Validating the DHCP implementation

10: Implementing DNS

Lessons
- Implementing DNS servers
- Configuring zones in DNS
- Configuring name resolution between DNS zones
- Configuring DNS integration with Active Directory Domain Services (AD DS)
- Configuring advanced DNS settings

Lab : Planning and implementing name resolution by using DNS
- Planning DNS name resolution
- Implementing DNS servers and zones

Lab : Integrating DNS with Active Directory
- Integrating DNS with Active Directory

Lab : Configuring advanced DNS settings
- Configuring DNS policies
- Validating the DNS implementation
- Troubleshooting DNS

11: Installing and configuring Hyper-V and virtual machines

Lessons
- Overview of Hyper-V
- Installing Hyper-V
- Configuring storage on Hyper-V host servers
- Configuring networking on Hyper-V host servers
- Configuring Hyper-V virtual machines
- Managing virtual machines

Lab : Installing and configuring Hyper-V

- Verify installation of the Hyper-V server role
- Configuring Hyper-V networks
- Creating and configuring a virtual machines
- Enable nested virtualization for a virtual machine

12: Configuring local storage

Lessons

- Managing disks in Windows Server
- Managing volumes in Windows Server

Lab : Configuring local storage

- Creating and managing volumes
- Resizing volumes
- Managing virtual hard disks.

13: Implementing WSUS

Lessons

- WSUS overview and deployment options
- Update management process with WSUS
- Overview of Windows PowerShell DSC
- Overview of Windows Server 2016 monitoring tools
- Using Performance Monitor
- Monitoring event logs

Lab : Implementing WSUS and deploying updates

- Implementing WSUS
- Configuring update settings
- Approving and deploying an update by using WSUS

Lab : Monitoring and troubleshooting Windows Server 2016

- Establishing a performance baseline
- Identifying the source of a performance problem
- Viewing and configuring centralized event logs

14: Installing, upgrading, and migrating servers and workloads

Lessons

- Introducing Windows Server 2016
- Preparing for upgrades and migrations from 2008 t2012 and 2012 t2016
- Edition of Operating Systems
- Migrating server roles and workloads
- Windows Server activation models

Lab : Installing and configuring Windows Server 2016

- Installing Windows Server 2016
- Upgrades and migrations from 2008 t2012 and 2012 t2016

15: Troubleshooting, Monitoring, managing, and recovering AD DS

Lessons

- Monitoring AD DS
- Managing the Active Directory database
- Active Directory backup and recovery options for AD DS and other identity and access solutions

Lab : Recovering objects in AD DS

- Backing up and restoring AD DS
- Recovering objects in AD DS

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

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OUR RECENT PLACEMENTS

VIGNESH
INFOSYS LIMITED

AMOGH GIRI
VIHSHVA INDUSTRIES

Sadiq
Elvesey Products Pvt Ltd

VINAYAK BADIGER
TRUEUBI

SNEHA SANJAY MANE
NAKSHA BUILDERS

KANTESH MJ
SKYSECURE TECHNOLOGIES

PRASAD PAWAR
DIGITAL AGE STRATEGIES

DEEKSHA GOWDA
ORACLE

SUJENDRIKA R METI
MAVERICK BUSINESS MANAGEMENT

Devi Reddy Vamshi Krisha
Ignitarium

ABHISHEK NATIKAR
INSONIVZ ENTERPRISES

RAKSHITH K S
VS BOT

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OUR ALUMNI WORKING IN

Deloitte. | Reliance Industries Limited | CAPMARK | accenture

SYSTECH IT SOLUTIONS | ORNNOVA Origin Of Innovation | GENESIS | Infosys

aptean | Microsoft | Honeywell | DELL

KERRY | hp | rupeek | IBM

NTT DATA Trusted Global Innovator | RWS | </SOURCEFUSE> | practo

Consilio | twilio | POLARIS live your dream | brillio

cadence | Qualcomm | ITC INFOTECH Business-friendly Solutions | DXC.technology

SYNOPSYS | osbIndia | wipro | Capgemini