

## MCSE Syllabus

### Installing windows server 2012

Deploy and Manage Windows Server 2012.

Describe Active Directory® Domain Services (AD DS).

Manage Active Directory objects.

Automate AD DS Administration.

Implement IPv4.

Implement Dynamic Host Configuration Protocol (DHCP).

Implement Domain Name System (DNS).

Implement IPv6.

Implement local storage.

Implement file and print services.

Implement Group Policy.

#### Head Office

18, HARITHA BUILDING, FIRST FLOOR,  
JANAKPURI FIRST STREET, VELACHERY  
<https://www.hopetutors.com>  
**Contact No:** +91 787 101 22 33  
**+91 787 187 22 33**

#### OMR Branch

Thiru Swamy Naicker Complex,  
Door No 1/14, New No 4,2nd Floor,  
Opp to Sanmar Engg Technologies Ltd,  
Karappakam  
OMR



Software Training Institute  
<https://www.hopetutors.com>  
info@hopetutors.com  
Contact No: +91 787 101 2233

Secure Windows servers by using Group Policy Objects (GPOs).

Implement Server Virtualization with Hyper-V.

## Administering Windows Server 2012

Configuring & Troubleshooting DNS

Maintaining ADDS

Managing Users & Service Accounts

Implementing a Group Policy Infrastructure

Managing User Desktops with Group Policy

Installing, Configuring and troubleshooting the NPS role

Implementing NAP

Implementing Remote Access

Optimizing file services

Configuration Encryption & Advanced Auditing

### Head Office

18, HARITHA BUILDING, FIRST FLOOR,  
JANAKPURI FIRST STREET, VELACHERY  
<https://www.hopetutors.com>  
**Contact No:** +91 787 101 22 33  
**+91 787 187 22 33**

### OMR Branch

Thiru Swamy Naicker Complex,  
Door No 1/14, New No 4, 2nd Floor,  
Opp to Sanmar Engg Technologies Ltd,  
Karappakam  
OMR



Software Training Institute  
<https://www.hopetutors.com>  
info@hopetutors.com  
Contact No: +91 787 101 2233

[Deploying and Maintaining Server images](#)

[Implementing update management](#)

[Monitoring Windows Server 2012](#)

## Configuring Advanced Windows Server 2012 Services

[Implementing Advance Network Services](#)

[Implementing Advance File Services](#)

[Implementing DAC](#)

[Implementing Distributed ADDS](#)

[Implementing ADS Site and replication](#)

[Implementing ADCS](#)

[Implementing ADRMS](#)

[Implementing ADFS](#)

[Implementing NLB](#)

### Head Office

18, HARITHA BUILDING, FIRST FLOOR,  
JANAKPURI FIRST STREET, VELACHERY  
<https://www.hopetutors.com>  
**Contact No:** +91 787 101 22 33  
**+91 787 187 22 33**

### OMR Branch

Thiru Swamy Naicker Complex,  
Door No 1/14, New No 4,2nd Floor,  
Opp to Sanmar Engg Technologies Ltd,  
Karappakam  
OMR



Software Training Institute  
<https://www.hopetutors.com>  
info@hopetutors.com  
Contact No: +91 787 101 2233

Implementing Failover Clustering

Implementing Business Continuity and Disaster Recovery

## Designing and Implementing a Server Infrastructure

Planning & Implementing server upgrade and migration

Planning & implementing server deployment strategy

Planning & implementing servers using virtual machine manager

Designing & Implementing ip configuration and address management solution

Designing & Implementing name resolution

Designing & Implementing ADDS forest and domain infrastructure

Designing & Implementing ADDS OU infrastructure

Designing & Implementing Group Policy Object Strategy

Designing & Implementing ADDS Physical Topology

Planning & implementing storage and file services

### Head Office

18, HARITHA BUILDING, FIRST FLOOR,  
JANAKPURI FIRST STREET, VELACHERY  
<https://www.hopetutors.com>  
**Contact No:** +91 787 101 22 33  
**+91 787 187 22 33**

### OMR Branch

Thiru Swamy Naicker Complex,  
Door No 1/14, New No 4,2nd Floor,  
Opp to Sanmar Engg Technologies Ltd,  
Karappakam  
OMR



Software Training Institute  
<https://www.hopetutors.com>  
info@hopetutors.com  
Contact No: +91 787 101 2233

Designing & Implementing network protection

Designing & Implementing remote access services

## Implementing an Advanced Server Infrastructure

Overview of Management in an enterprise data center

Planning & implementing a server virtualization strategy

Planning & Implementing networks and storage for virtualization

Planning & deploying virtual machines

Planning & implementing virtualization administration solution  
Planning & implementing a server monitoring strategy

Planning & Implementing HA for file services and applications

Planning & Implementing HA infrastructure using failover clustering

Planning & implementing a business continuity strategy

Planning & Implementing and public key infrastructure

Planning & implementing an identity federation infrastructure

### Head Office

18, HARITHA BUILDING, FIRST FLOOR,  
JANAKPURI FIRST STREET, VELACHERY  
<https://www.hopetutors.com>  
**Contact No:** +91 787 101 22 33  
**+91 787 187 22 33**

### OMR Branch

Thiru Swamy Naicker Complex,  
Door No 1/14, New No 4, 2nd Floor,  
Opp to Sanmar Engg Technologies Ltd,  
Karappakam  
OMR



Software Training Institute  
<https://www.hopetutors.com>  
info@hopetutors.com  
Contact No: +91 787 101 2233

Planning & implementing data access for users and devices

Planning & implementing information rights management infrastructure



**Head Office**

18, HARITHA BUILDING, FIRST FLOOR,  
JANAKPURI FIRST STREET, VELACHERY  
<https://www.hopetutors.com>

**Contact No:** +91 787 101 22 33  
**+91 787 187 22 33**

**OMR Branch**

Thiru Swamy Naicker Complex,  
Door No 1/14, New No 4, 2nd Floor,  
Opp to Sanmar Engg Technologies Ltd,  
Karappakam  
OMR