

<u>10974BC</u>	<u>Deploying and Migrating Windows Servers</u>	<u>3 DAYS</u>	<u>SATV : YES</u>
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## Course Description

Servers that run network services are responsible for facilitating communication between computers on your network, and ensuring that the configuration of network infrastructure components supports a reliable network environment. The two most common network infrastructure roles on Windows Servers are the Dynamic Host Configuration Protocol (DHCP) server role and the Domain Name System (DNS) server role. Upgrading and migrating these roles is a critical first step in the migration process to ensure that the rest of your migration project can use the network infrastructure.

## Course Outline

### Module 1: Upgrading and Migrating Networking Services

- Migrating the DHCP Server Role
- Migrating the DNS Server Role
- Implementing IPAM

### Module 2: Upgrading and Migrating Server Roles

- Upgrading and Migrating File Servers
- Migrating Web and Application Servers

### Module 3: Upgrading and Migrating AD DS

- Overview of Windows Server 2012 AD DS Upgrade and Migration
- Upgrading Domain Controllers to Windows Server 2012
- Restructuring an Active Directory Domain
- Migrating Active Directory Certificate Services

### Module 4: Migrating to Microsoft Azure

- Extending Virtualization to the Cloud Environment
- Overview of Azure Active Directory
- Implementing Azure Active Directory

### Module 5: Preparing to Deploy Windows Server 2012

- Planning a Windows Server 2012 Implementation
- Installing Windows Server 2012
- Configuring and Managing Servers Remotely
- Implementing a Volume Licensing Strategy

### Module 6: Deploying Windows Server 2012

- Selecting a Suitable Deployment Method
- The Windows Assessment and Deployment Toolkit
- Overview of Image Files in the Deployment Process
- Working with Unattended Answer Files

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## **Module 7: Implementing Lite-Touch Deployments**

- Overview of MDT 2013
- Implementing Windows Deployment Services to Support Lite-Touch Deployments
- Configuring Microsoft Deployment Toolkit
- Performing Lite-Touch Deployments

## **Module 8: Planning to Virtualize Workloads**

- Planning Server Virtualization Deployments
- Implementing Server Virtualization by Using Hyper-V
- Designing Virtual Machines