Course 40365A: Windows Server Administration Fundamentals

Module 1: Server Overview

- Understanding Server Roles

- Installing and Configuring Servers

- Identifying Server Hardware Components

- Understanding Enterprise Storage Solutions

- Understanding Maintenance Practices

Module 2: Managing Windows Server 2016

- Understanding Windows Server Interfaces

- Using Administrative Tools

- Understanding Server Core and PowerShell Basics

- Using Windows Server Manager

- Performing Basic Server Maintenance

Module 3: Understanding Active Directory

- Overview of Active Directory Domain Services (AD DS)

- Understanding Organizational Units, Users, Groups, and Computers

- Understanding Group Policy and Policies Management

- Basics of Authentication and Authorization

Module 4: Storage and File Management

- Understanding File Systems (NTFS, ReFS, and FAT32)

- Understanding Disk Management (Basic vs. Dynamic Disks)

- Configuring Storage Spaces and RAID

- Understanding File and Share Permissions

Module 5: Understanding Server Performance Management

- Monitoring Performance using Task Manager and Performance Monitor

- Understanding Event Viewer and Logs

- Understanding Windows Server Backup and Recovery Options

Module 6: Understanding Network Essentials

- Understanding IP Addressing, Subnetting, and Default Gateway

- Configuring DNS and DHCP

- Understanding VPN and Remote Access

- Understanding Firewalls and Network Security