

# Administering Windows Server 2012

20411D



**Delivery Type:** Classroom

**Duration:** 5 days

## Overview:

Get hands-on instruction and practice administering Windows Server 2012, including Windows Server 2012 R2, in this five-day Microsoft Official Course. This course is part two in a series of three courses that provides the skills and knowledge necessary to implement a core Windows Server 2012 infrastructure in an existing enterprise environment.

There is some cross-over of skills and tasks across these courses, this course focuses on the administration tasks necessary to

maintain a Windows Server 2012 infrastructure such as configuring and troubleshooting name resolution, user

and group management with Active Directory Domain Services (AD DS) and Group Policy, implementing Remote Access solutions such as DirectAccess, VPNs and Web Application Proxy, implementing Network Policies and Network Access Protection, Data Security, deployment and maintenance of server images, as well as update management and monitoring of Windows Server 2012 environments.

This course maps directly to and is the preferred choice for hands-on preparation for Microsoft Certified Solutions Associate (MCSA): Exam 411: Administering Windows Server 2012, which is the second of three exams required for MCSA: Windows Server 2012 credential.

Labs in this course are based on Windows Server 2012 R2 and Windows 8.1.

### **Audience Profile:**

This course is intended for Information Technology (IT) Professionals with hands on experience working in a Windows server 2008 or Windows Server 2012 environment who wish to acquire the skills and knowledge necessary to be able to manage and maintain the core infrastructure required for a Windows Server 2012 and Windows Server 2012 R2 environment. The key focus for students is to broaden the initial deployment of Windows Server 2012 services and infrastructure and provide the skills necessary to Manage and Maintain a domain based Windows Server 2012 environment, providing skills in areas such as User and Group management, Network Access and Data Security. Candidates typically interested in attending this course would be:

- ✓ Windows Server Administrators
- ✓ IT Professionals who are looking to take the 411, Administering Windows Server 2012 exam
- ✓ IT professional wishing to take the Microsoft Certified Solutions Expert (MCSE) exams in DataCenter, Desktop Infrastructure, Messaging, Collaboration and Communications will also be interested in taking this course as they prepare for the Microsoft Certified Solutions Associate (MCSA) exams, which are a pre-requisite for their individual specialties.

### **Course Completion:**

After completing this course, students will be able to:

- ✓ Configure and Troubleshoot Domain Name System
- ✓ Maintain Active Directory Domain Services
- ✓ Manage User and Service Accounts
- ✓ Implement Group Policy Infrastructure
- ✓ Manage User Desktops using Group Policy
- ✓ Install, Configure and Troubleshoot Network Policy Server
- ✓ Implement Network Access Protection
- ✓ Implement Remote Access
- ✓ Optimize File Services
- ✓ Configure Encryption and Advanced Auditing
- ✓ Deploy and Maintain Server Images
- ✓ Implement Update Managements
- ✓ Monitor Windows Server 2012

### **Prerequisites:**

Before attending this course, students must have:

Knowledge and skills concerning the initial implementation and configuration of core Windows Server services including Active Directory Domain Services (AD DS), Networking Services and Microsoft Hyper-V.

The course pre-requisites can be met by having knowledge equivalent to, or by attendance at, course 20410D: Installing and Configuring Windows Server 2012, as this course will build upon that knowledge and skills covered in that course.