



## MCSA & MCSE - MCSA- Windows Server 2012 & MCSE-SharePoint (SharePoint 2013) Certification Training Course

<b>Course Number:</b>	#MDTS-1040
<b>Course Length:</b>	15 days
<b>Number of Exams:</b>	5
<b>SATV Vouchers:</b>	15
<b>Certifications:</b>	MCSA: Windows Server 2012 MCSE: SharePoint

The Microsoft Certified Solutions Associate (MCSA): Windows Server 2012 certification shows that you have the primary set of Windows Server skills that are relevant across multiple solution areas in a business environment. The **MCSA: Windows Server 2012** certification is a prerequisite for earning the **MCSE: Server Infrastructure** certification or the **MCSE: Desktop Infrastructure** certification.

- [Microsoft Course 20410 \(Exam 70-410\)](#)
- [Microsoft Course 20411 \(Exam 70-411\)](#)
- [Microsoft Course 20412 \(Exam 70-412\)](#)

Get certified as an **MCSE in SharePoint** and earn recognition for your expertise in helping organize, collaborate, and share information across organizations. SharePoint 2013 is part of the new version of Office, making it easy for people to stay connected, access files anytime, and maintain messaging security.

- [Microsoft Course 20331 \(Exam 70-331\)](#)
- [Microsoft Course 20332 \(Exam 70-332\)](#)

### Microsoft Course 20410 ([Back to Top](#))

**Exam: 70-410** - The course is part one, of a series of three courses, which provide the skills and knowledge necessary to implement a core Windows Server 2012 infrastructure in an existing enterprise environment. The three courses in total collectively cover implementing, managing, maintaining, and provisioning services and infrastructure in a Windows Server 2012 environment.

While there is some cross-over in skillset and tasks across the courses, this course primarily covers the initial implementation and configuration of those core services, such as Active Directory Domain Services, networking services, and initial Hyper-V configuration.

## Objectives

At the completion of this course, students will be able to:

- Install and configure Windows Server 2012.
- Describe Active Directory Domain Services and install a domain controller.
- Create and configure user, group, and computer objects.
- Use Windows PowerShell and other command-line tools to create and configure AD DS objects.
- Configure IPv4 for simple scenarios.
- Install and configure a DHCP server.
- Install and configure DNS service.
- Configure IPv6 for simple scenarios.
- Configure local storage on a server.
- Create and secure files shares and shared printers.
- Create and manage Group Policy objects.
- Secure Windows Servers by Using Group Policy Objects.
- Implement Server Virtualization with Hyper-V.

## Audience

This course is intended for Information Technology (IT) Professionals who have good Windows operating system knowledge and experience and want to acquire the skills and knowledge necessary to implement the core infrastructure services in an existing Windows Server 2012 environment. Although students would benefit from having some previous Windows Server experience, they must have good hands-on Windows Client experience with Windows Vista, Windows 7, or Windows 8.

## Prerequisites

Before attending this course, students must have:

- A good understanding of networking fundamentals.
- An understanding and experience configuring security and administration tasks in an enterprise environment.
- Experience supporting or configuring Microsoft Windows clients

## Microsoft Course 20411 ([Back to Top](#))

**Exam: 70-411** - This course is part two, of a series of three courses, which provide the skills and knowledge necessary to implement a core Windows Server 2012 Infrastructure in an existing enterprise environment. The three courses in total will collectively cover implementing, managing, maintaining and provisioning services and infrastructure in a Windows Server 2012 environment. While there is some cross-over in skillset and tasks across the courses this course will primarily

cover the administration tasks necessary to maintain a Windows Server 2012 infrastructure, such as user and group management, network access and data security.

## Audience Profile

This course is intended for Information Technology (IT) Professionals who are already very experienced system administrators working in a Windows Server 2008, Windows Server 2008 R2 or Windows Server 2012 environment and wish to acquire the skills and knowledge necessary to be able to manage and maintain the core infrastructure required for a Windows Server 2012 environment. The key focus for students in this course 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, such as user and group management, network access and data security.

A secondary audience for this course will be candidates looking to take Exam 70-411: Administering Windows Server 2012, or are aspiring to acquire the Microsoft Certified Solutions Associate (MCSA) credential, either in its own right, or in order to proceed in acquiring the Microsoft Certified Solutions Expert (MCSE) credentials, for which the MCSA credential is a pre-requisite.

## At Course Completion

After completing this course, students will be able to:

- Implementing a Group Policy Infrastructure
- Managing User Desktops with Group Policy
- Managing User and Service Accounts
- Maintaining Active Directory Domain Services
- Configuring and Troubleshooting DNS
- Configuring and Troubleshooting Remote Access
- Installing, Configuring, and Troubleshooting the Network Policy Server role
- Implementing Network Access Protection? Optimizing File Services
- Configuring Encryption and Advanced Auditing
- Monitoring Windows Server 2012
- Deploying and Maintaining Server Images
- Implementing Update Management

## Prerequisites

Before attending this course, students must have:

- At least one year experience working with Windows Server 2008, Windows Server 2008 R2 or Windows Server 2012.
- Good knowledge and understanding of Active Directory and Networking Infrastructure
- Knowledge equivalent to the learning's covered in the "20410A:Installing and Configuring Windows Server 2012" course, as this course will build upon that knowledge

**Microsoft Course 20412 [\(Back to Top\)](#)**

**Exam: 70-412** - This course is part three, of a series of three courses, which provides the skills and knowledge necessary to implement a core Windows Server 2012 Infrastructure in an existing enterprise environment. The three courses in total will collectively cover implementing, managing, maintaining and provisioning services and infrastructure in a Windows Server 2012 environment. While there is some cross-over in skillset and tasks across the three courses this course will primarily cover advanced configuration and services tasks necessary to deploy, manage and maintain a Windows Server 2012 infrastructure, such as identity management and identity federation, network load balancing, business continuity and disaster recovery, fault tolerance and rights management.

## Audience Profile

This course is intended for IT Professionals who are experienced implementing, managing and maintaining a Windows Server 2008, Windows Server 2008 R2 or Windows Server 2012 infrastructure in an existing Enterprise environment, and wish to acquire the skills and knowledge necessary to carry out advanced management and provisioning of services within that Windows Server 2012 environment. Students would typically be very experienced System Administrators and should have hands on experience working in a Windows Server 2008, Windows Server 2008 R2 or Windows Server 2012 environment.

A secondary audience for this course will be candidates looking to take Exam 70-41 Configuring Advanced Windows Server 2012 Services, or are aspiring to acquire the Microsoft Certified Solutions Associate (MCSA) credential, either in its own right, or in order to proceed in acquiring the Microsoft Certified Solutions Expert (MCSE) credentials, for which the MCSA credential is a pre-requisite.

## At Course Completion

After completing this course, students will be able to:

- Implementing Advanced Network Services
- Implementing Advanced File Services
- Implementing Dynamic Access Control
- Implementing Network Load Balancing
- Implementing Failover Clustering
- Implementing Failover Clustering with Hyper-V
- Implementing Disaster Recovery
- Implementing Distributed AD DS Deployments
- Implementing AD DS Sites and Replication? Implementing AD CS
- Implementing AD RMS
- Implementing AD FS

## Prerequisites

Before attending this course, students must have:

- Real world, hands on experience working in a Windows Server 2008, Windows Server 2008 R2 or Windows Server 2012 Enterprise environment
- Real world experience Implementing, Managing and Configuring Active Directory and Networking infrastructure

- Knowledge equivalent to the learning's covered in "20410A: Installing and Configuring Windows Server 2012" and "20411A: Administering Windows Server 2012" courses, as this course will build upon that knowledge

## Microsoft Course 20331 [\(Back to Top\)](#)

**Exam 70-331** - This course will provide you with the knowledge and skills to configure and manage a Microsoft SharePoint Server 2013 environment. This course will teach you how to configure SharePoint Server 2013, as well as provide guidelines, best practices, and considerations that will help you optimize your SharePoint server deployment.

This is the first in a sequence of two courses for IT Professionals and will align with the first exam in the SharePoint Server 2013 IT Pro certification.

## Audience Profile

The course is targeted at experienced IT Professionals interested in learning how to install, configure, deploy and manage SharePoint Server 2013 installations in either the data center or the cloud.

Students typically have more than four years of hands-on experience planning and maintaining SharePoint and other core technologies upon which SharePoint depends, including Windows Server 2008 R2 or later, Internet Information Services (IIS), SQL Server 2008 R2 or later, Active Directory, and networking infrastructure services.

The minimally qualified candidate typically:

- Is an IT professional who plans, implements, and maintains a multi-server deployment of SharePoint Server 2013.
- Has a working knowledge of, and preferably hands-on experience, with SharePoint Online.
- Has broad familiarity with SharePoint workloads.
- Have experience with business continuity management, including data backup, restoration, and high availability.
- Has experience with authentication and security technologies
- Has experience with Windows PowerShell.
- Hands-on experience or job experience is considered a solutions-based role where the candidate works within the solutions space covered by SharePoint, working on multiple solutions in the SharePoint space that includes document management, content management, and search.

The secondary audience for this course are Business Application Administrators (BAAs) who are engaged in the administering line-of-business (LOB) projects in conjunction with internal business customers would benefit from an understanding of how to manage SharePoint Server 2013.

Administrators who are entirely new to SharePoint will gain some benefit from the course, but it is recommended that they familiarize themselves with the basic concepts of the SharePoint platform before attending.

## At Course Completion

After completing this course, students will be able to:

- Describe the key features of SharePoint 2013
- Design an information architecture
- Design logical and physical architectures
- Install and configure SharePoint Server 2013
- Create web applications and site collections
- Plan and configure service applications
- Manage users and permissions
- Configure authentication for SharePoint 2013
- Secure a SharePoint 2013 deployment
- Manage taxonomy
- Configure user profiles
- Configure enterprise search
- Monitor and maintain a SharePoint 2013 environment

## Prerequisites

An ideal candidate will have at least one year of experience with deploying and administering multiple SharePoint 2010 farms across a large enterprise. Because many customers skipped upgrading from SharePoint 2007, a candidate can also have at least 2 years of experience with SharePoint 2007 and knowledge of the differences between 2007 and 2010, particularly the Service Application model. A candidate can demonstrate the following skills:

- Software management in a Windows 2008 R2 enterprise server or Windows Server 2012 environment.
- Deploying and managing applications natively, virtually and in the cloud.
- Administering Internet Information Services (IIS).
- Configuring Active Directory for use in authentication, authorization and as a user store.
- Managing an application remotely using Windows PowerShell 2.0.
- Connecting applications to Microsoft SQL Server.
- Implementing Claims-based Security.

## Microsoft Course 20332 [\(Back to Top\)](#)

**Exam 70-332** - This course examines how to plan, configure, and manage a Microsoft SharePoint Server 2013 environment. Special areas of focus include implementing high availability, disaster recovery, service application architecture, Business Connectivity Services, social computing features, productivity and collaboration platforms and features, business intelligence solutions, enterprise content management, web content management infrastructure, solutions, and apps. The course also examines how to optimize the Search experience, how to develop and implement a governance plan. and how to perform an upgrade or migration to SharePoint Server 2013.

## Audience Profile

The course track is targeted at experienced IT Professionals interested in learning how to install, configure, deploy and manage SharePoint Server 2013 installations in either the data center or cloud. In addition, Business Application Administrators (BAAs) who are engaged in the administering

line-of-business (LOB) projects in conjunction with internal business customers would benefit from understanding of managing SharePoint Server 2013.

The training addresses three audiences:

- Existing SharePoint 2010 customers and partners who need to understand the major changes in SharePoint 2013. In addition there have been other improvements in tools and methodologies.
- Customer who are new to SharePoint. SharePoint market size is growing significantly and is expected to continue to grow, so there are many new customers with no previous experience.
- Customers running a previous version of SharePoint (SharePoint 2003 and SharePoint 2007) which did not upgrade to SharePoint 2010, so are not familiar with the architecture of SharePoint 2010 or SharePoint Server 2013.

## At Course Completion

After completing this course, students will be able to:

- Describe the core features of SharePoint 2013
- Plan and design a SharePoint 2013 environment to meet requirements for high availability and disaster recovery
- Plan and implement a service application architecture for a SharePoint 2013 deployment
- Configure and manage Business Connectivity Services features in a SharePoint 2013 deployment
- Plan and configure social computing features
- Plan and configure productivity and collaboration platforms and features
- Plan and configure Business Intelligence solutions
- Optimize the search experience for an enterprise environment
- Plan and configure enterprise content management in a SharePoint 2013 deployment
- Plan and configure a web content management infrastructure to meet business requirements
- Manage solutions in a SharePoint 2013 deployment
- Configure and manage apps in a SharePoint Server 2013 environment
- Develop and implement a governance plan for SharePoint Server 2013
- Perform an upgrade or migration to SharePoint Server 2013

## Prerequisites

Before attending this course, students must have:

- Completed Course 20331: Core Solutions of Microsoft SharePoint Server 2013, successful completion of Exam 70-331: Core Solutions of Microsoft SharePoint 2013, or equivalent skills.
- At least one year's experience of mapping business requirements to logical and physical technical design.
- Working knowledge of network design, including network security.
- Experience managing software in a Windows 2008 R2 enterprise server or Windows Server 2012 environment.
- Deployed and managed applications natively, virtually, and in the cloud.
- Administered Internet Information Services (IIS).
- Configured Active Directory for use in authentication, authorization and as a user store.

- Managed an application remotely using Windows PowerShell 2.0.
- Connected applications to Microsoft SQL Server.
- Implemented Claims-based security.