

## 20331 Core Solutions of Microsoft® SharePoint® Server 2013

### Overview

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.

### Prerequisite Comments

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.

### Target Audience

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.

### Course Objectives

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

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### Schedule

Class Length: 5 Days

G2R = "Guaranteed to Run" | OLL = "Online LIVE"  
ILT = "Instructor-Led-Training"

*This course is not currently available on the public schedule. Please contact us using the information in the footer below to inquire about future dates or to schedule a private class.*

- Configure enterprise search
- Monitor and maintain a SharePoint 2013 environment

## Course Outline

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### Introducing SharePoint Server 2013

Key Components of a SharePoint Deployment  
New Features in SharePoint 2013  
SharePoint 2013 Deployment Options

### Designing an Information Architecture

Identifying Business Requirements  
Understanding Business Requirements  
Organizing Information in SharePoint 2013  
Planning for Discoverability  
Lab : Creating an Information Architecture - Part One  
Lab : Creating an Information Architecture - Part Two

### Designing a Logical Architecture

Overview of SharePoint 2013 Logical Architecture  
Documenting Your Logical Architecture  
Lab : Designing a Logical Architecture

### Designing a Physical Architecture

Designing Physical Components for SharePoint Deployments  
Designing Supporting Components for SharePoint Deployments  
SharePoint Farm Topologies  
Mapping a Logical Architecture Design to a Physical Architecture Design  
Lab : Designing a Physical Architecture

### Installing and Configuring SharePoint Server 2013

Installing SharePoint Server 2013  
Scripting Installation and Configuration  
Configuring SharePoint Server 2013 Farm Settings  
Lab : Deploying and Configuring SharePoint Server 2013 - Part One  
Lab : Configuring SharePoint Server 2013 Farm Settings

### Creating Web Applications and Site Collections

Creating Web Applications  
Configuring Web Applications  
Creating and Configuring Site Collections  
Lab : Creating and Configuring Web Applications  
Lab : Creating and Configuring Site Collections

## Planning and Configuring Service Applications

Introduction to Service Application Architecture  
Creating and Configuring Service Applications  
Lab : Planning and Configuring Service Applications

## Managing Users and Permissions

Authorization in SharePoint 2013  
Managing Access to Content  
Lab : Managing Users and Groups  
Lab : Securing Content in SharePoint Sites

## Configuring Authentication for SharePoint 2013

Overview of Authentication  
Configuring Federated Authentication  
Configuring Server-to-Server Authentication  
Lab : Configuring SharePoint 2013 to Use Federated Identities

## Securing a SharePoint 2013 Deployment

Securing the Platform  
Configuring Farm-Level Security  
Lab : Hardening a SharePoint 2013 Server Farm  
Lab : Configuring Farm-Level Security

## Managing Taxonomy

Managing Content Types  
Understanding Term Stores and Term Sets  
Managing Term Stores and Term Sets  
Lab : Configuring Content Type Propagation  
Lab : Configuring and Using Managed Metadata Term Sets

## Configuring User Profiles

Configuring the User Profile Service Application  
Managing User Profiles and Audiences  
Lab : Configuring User Profiles  
Lab : Configuring My Sites and Audiences

## Configuring Enterprise Search

Understanding the Search Service Architecture  
Configuring Enterprise Search  
Managing Enterprise Search  
Lab : Configuring Enterprise Search  
Lab : Configuring the Search Experience

## Monitoring and Maintaining a SharePoint 2013 Environment

Monitoring a SharePoint 2013 Environment  
Tuning and Optimizing a SharePoint Environment  
Planning and Configuring Caching  
Troubleshooting a SharePoint 2013 Environment  
Lab : Monitoring a SharePoint 2013 Deployment  
Lab : Investigating Page Load Times

## Related Courses, Certifications, Exams

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- Microsoft Certified Solutions Associate (MCSA): Sharepoint
  - Core Solutions of Microsoft SharePoint Server 2013
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