

40 HORAS

## INTRODUCTION

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.

## AUDIENCIA

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.

## 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

Before attending this course, students must have:

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.

## COURSE OUTLINE

### Module 1: Introducing SharePoint Server 2013

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

### Module 2: Designing an Information Architecture

- Identifying Business Requirements
- Understanding Business Requirements
- Organizing Information in SharePoint 2013
- Planning for Discoverability

### Module 3: Designing a Logical Architecture

- Overview of SharePoint 2013 Logical Architecture
- Documenting Your Logical Architecture

## Module 4: 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

## Module 5: Installing and Configuring SharePoint Server 2013

- Install SharePoint 2013.
- Configure SharePoint 2013 farm settings.
- Script the installation and configuration of SharePoint 2013.
- Script the installation and configuration of SharePoint 2013.

## Module 6: Creating Web Applications and Site Collections

- Creating Web Applications
- Configuring Web Applications
- Creating and Configuring Site Collections

## Module 7: Planning and Configuring Service Applications

- Introduction to Service Application Architecture
- Creating and Configuring Service Applications

## Module 8: Managing Users and Permissions

- Authorization in SharePoint 2013
- Managing Access to Content

## Module 9: Configuring Authentication for SharePoint 2013

- Overview of Authentication
- Configuring Federated Authentication
- Configuring Server-to-Server Authentication

## Module 10: Securing a SharePoint 2013 Deployment

- Securing the Platform
- Configuring Farm-Level Security

## Module 11: Managing Taxonomy

- Managing Content Types
- Understanding Term Stores and Term Sets
- Managing Term Stores and Term Sets

## Module 12: Configuring User Profiles

- Configuring the User Profile Service Application
- Managing User Profiles and Audiences

## Module 13: Configuring Enterprise Search

- Understanding the Search Service Architecture
- Configuring Enterprise Search
- Managing Enterprise Search

## Module 14: 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