

# Configuring and Administering Microsoft SharePoint 2010

---

*Duration: 5 Day(s)*

## Course Overview

---

This five-day instructor-led course teaches students how to install, configure, and administer Microsoft® SharePoint® and also how to manage and monitor sites and users by using Microsoft SharePoint 2010. It will also cover the new features and functionality introduced with SharePoint 2010 Sp1 as well as Office 365's SharePoint Online.

Review this course online at <https://www.alta3.com/courses/10174>

## Objectives

---

- Install, configure, and manage SharePoint 2010 and SharePoint Online.
- Administer, automate, and secure SharePoint content and infrastructure.
- Optimize and monitor SharePoint performance for better usage.
- Implement and manage SharePoint service applications and business continuity.

## Who Should Attend

---

- Experienced Windows Server administrators
- Business Application Administrators
- IT professionals aiming for SharePoint certification
- Microsoft SharePoint solutions architects

## Prerequisites

---

- Administering Active Directory® by creating and managing user and group accounts, delegation of administration, and configuring Group Policy
- Administering network infrastructure—DNS and TCP/IP connectivity
- General conceptual awareness of Microsoft .NET Framework as it relates to SharePoint 2010
- Administering Microsoft SQL Server® 2005 or 2008 through creating logons, assigning roles and using Microsoft SQL Server Management Studio
- One year's experience using Windows PowerShell® cmdlets
- General security and authentication practices

## Course Outline

---

### Module 1: Introducing Microsoft SharePoint 2010

1. Evaluating the Features of Microsoft SharePoint 2010
2. Preparing for SharePoint 2010
3. Installing SharePoint 2010
4. Advanced Installation of SharePoint 2010

## **Module 2: Creating a SharePoint 2010 Intranet**

- 5. Performing Initial Farm Configuration
- 6. Configuring the SharePoint Logical Structure
- 7. Exploring the SharePoint Web Application and Physical Architecture

## **Module 3: Administering and Automating SharePoint**

- 8. Configuring Central Administration
- 9. Administering SharePoint from the Command Line
- 10. Automating SharePoint Operations with Windows PowerShell

## **Module 4: Configuring Content Management**

- 11. Optimizing Content Storage and Access
- 12. Managing Site Content Types and Site Columns
- 13. Configuring the Managed Metadata Service

## **Module 5: Configuring Authentication**

- 14. Understanding Classic SharePoint Authentication Providers
- 15. Understanding Federated Authentication

## **Module 6: Securing Content**

- 16. Administering SharePoint Groups
- 17. Implementing SharePoint Roles and Role Assignments
- 18. Securing and Auditing SharePoint Content
- 19. Configuring Security for SharePoint Content

## **Module 7: Managing SharePoint Customizations**

- 20. Customizing Microsoft SharePoint
- 21. Deploying and Managing Features and Solutions
- 22. Configuring Sandboxed Solutions

## **Module 8: Configuring and Securing SharePoint Services and Service Applications**

- 23. Securing the Enterprise SharePoint Service
- 24. Securing and Isolating Web Applications
- 25. Services and Service Applications

## **Module 9: User Profiles and Social Networking**

- 26. Configuring User Profiles
- 27. Implementing SharePoint 2010 Social Networking Features

## **Module 10: Administering and Configuring SharePoint Search**

- 28. Configuring Search
- 29. Refining Search

## **Module 11: Implementing Productivity Service Applications**

- 30. Implementing Business Connectivity Services
- 31. Configuring Excel Services
- 32. Understanding PerformancePoint Services
- 33. Implementing InfoPath Forms Services
- 34. Implementing Visio Services Features
- 35. Implementing Access Services
- 36. Implementing Office Web Apps

## **Module 12: Installing and Upgrading to SharePoint 2010**

- 37. Installing SharePoint Servers and Farms
- 38. Upgrading to SharePoint 2010
- 39. Evaluating Installations and Upgrades
- 40. Configuring SharePoint Operational Settings
- 41. Updating SharePoint

## **Module 13: Implementing Business Continuity**

- 42. Protecting and Recovering Content
- 43. Working with Backup and Restore for Disaster Recovery
- 44. Implementing High Availability Solutions

## **Module 14: Monitoring and Optimizing SharePoint Performance**

- 45. Monitoring Logs
- 46. Configuring SharePoint Health Analyzer
- 47. Configuring Usage Reports and Web Analytics
- 48. Monitoring and Optimizing SharePoint Performance

## **Module 15: SharePoint Online and Office 365**

- 49. Introducing Office 365 and SharePoint Online
- 50. Setting Up Office 365

