

## SharePoint 2010 Advanced

**Prerequisites:** SharePoint 2010 Introduction

**Length:** 4 Days

### COURSE CONTENT

#### LESSON 1 INTRODUCTION

##### TOPICS

- Evaluate the Features of SharePoint 2010
- Prepare for SharePoint 2010
- Install SharePoint 2010
- Advanced Installation of SharePoint 2010

#### LESSON 2 CREATING A SHAREPOINT 2010 INTRANET

##### TOPICS

- Perform Initial Farm Configuration
- Configure the SharePoint Logical Structure
- Explore the SharePoint Web Application and Physical Architecture

#### LESSON 3 ADMINISTERING AND AUTOMATING SHAREPOINT

##### TOPICS

- Configure Central Administration
- Administer SharePoint from the Command Line
- Automate SharePoint Operations with PowerShell

#### LESSON 4 CONFIGURING CONTENT MANAGEMENT

##### TOPICS

- Optimize Content Storage and Access
- Manage Site Content Types and Site Columns
- Configure the Managed Metadata Service

#### LESSON 5 CONFIGURING AUTHENTICATION

##### TOPICS

- Classic SharePoint Authentication Providers
- Federated Authentication

#### LESSON 6 SECURING CONTENT

##### TOPICS

- Administer SharePoint Users and Groups
- Deploy and Manage Features and Solutions
- Secure and Audit SharePoint Content

#### LESSON 7 MANAGING SHAREPOINT CUSTOMIZATIONS

##### TOPICS

- Customize SharePoint
- Deploy and Manage Features and Solutions
- Configure Sandboxed Solutions

## **LESSON 8 CONFIGURING AND SECURING SHAREPOINT SERVICES AND APPLICATIONS**

### **TOPICS**

- Secure the Enterprise SharePoint Service
- Secure and Isolate Web Applications
- Configure Service Applications

## **LESSON 9 MANAGING SHAREPOINT SERVICES AND APPLICATIONS**

### **TOPICS**

- Implement Business Connectivity Services
- Implement Excel Services
- Implement PerformancePoint Services
- Implement InfoPath Services
- Implement Visio Services
- Implement Access Services
- Implement Office Web Apps

## **LESSON 10 CONFIGURING USER PROFILES AND SOCIAL NETWORKING**

### **TOPICS**

- Configure User Profiles
- Implement SharePoint 2010 Social Networking Features

## **LESSON 11 ADMINISTERING SHAREPOINT SEARCH**

### **TOPICS**

- Configure Search
- Refine Search

## **LESSON 12 INSTALLING AND UPGRADING TO SHAREPOINT 2010**

### **TOPICS**

- Install SharePoint Servers and Farms
- Upgrade to SharePoint 2010
- Monitor and Troubleshoot installation and upgrade
- Update SharePoint

## **LESSON 13 IMPLEMENTING BUSINESS CONTINUITY**

### **TOPICS**

- Configure High availability
- Backup and Restore SharePoint

## **LESSON 14 MONITORING AND OPTIMIZING SHAREPOINT PERFORMANCE**

### **TOPICS**

- Monitor Performance
- SharePoint Health Analyzer
- Usage reports and web analytics
- Monitor and Optimize SharePoint Performance

## **LESSON 15 DESIGNING A SHAREPOINT 2010 FARM TOPOLOGY**

### **TOPICS**

- Design physical architecture
- Design SharePoint integration with network infrastructure
- Design logical taxonomy
- Plan for sandbox solutions
- Plan for farm deployment
- Plan for availability

## **LESSON 16 PLANNING SHAREPOINT 2010 DEPLOYMENT TOPICS**

- Plan service applications
  - Plan a SharePoint component strategy
  - Plan an upgrade strategy
  - Design a migration strategy
  - Design security architecture
  - Plan and deploy authentication methods
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**LESSON 17 DEFINING A SHAREPOINT 2010  
OPERATIONS STRATEGY AND BUSINESS  
CONTINUITY**

**TOPICS**

- Design a maintenance strategy
- Recommend provisioning strategies
- Establish an enterprise monitoring plan
- Plan SharePoint backup and restore

**LESSON 18 PLANNING FOR SEARCH AND  
BUSINESS SOLUTIONS**

**TOPICS**

- Define search requirements
  - Plan search topology
  - Plan an enterprise search strategy
  - Plan enterprise content management
  - Plan for social computing and collaboration
  - Plan for a business intelligence strategy
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