

## Course 50353B: SharePoint 2010 Overview for IT Professionals

### **Course Length:**

3 days

### **Overview**

This 3-day instructor-led course explores the new architectural changes made to SharePoint 2010 and how to upgrade your 2007 environment to 2010.

### **Target Student**

IT Pros who want to get a quick understanding with hands-on labs of the new features and interfaces for IT Pros in SharePoint 2010.

### **Objectives**

After completing this course, students will be able to:

Explore new service applications, powershell features, monitoring improvements, search features, backup and recovery techniques and a full coverage of upgrading to 2010.

### **Course Outline**

#### **Module 1: Overview**

A simple introduction module.

After completing this module, students will be able to:

Understand your course, classroom, classmates, facility and instructor.

#### **Module 2: Service Applications**

In this module we are going to take a look at Service Applications and how the older Shared Service Provider is now obsolete.

### **Lessons**

Service Applications

**Lab: Explore Service Applications**

Explore Service Applications

**Lab: Install Service Application**

Install a Service Application

Assign a Service Application

After completing this module, students will be able to:

Describe Service Applications

Understand how the Service Application architecture works

Install new Service Applications

**Module 3: PowerShell**

In this module we are going to take a look at new PowerShell features in SharePoint 2010.

**Lessons**

PowerShell

SharePoint and PowerShell

**Lab: PowerShell Basics**

PowerShell Basics – Command Lets

Variables

Arrays

While Loop

If Statement

Create An Object

Static Properties

**Lab: PowerShell with SharePoint**

Load SharePoint Dll into PowerShell

Set PowerShell Execution Policy

Enumerate Webs

Create a site with PowerShell

Create/Update an item with PowerShell

Backup SharePoint with PowerShell

Profiles and MySites script

**Lab: Profiles and MySites script**

Explore SharePoint 2010 Commandlets

After completing this module, students will be able to:

What PowerShell is

How to work with PowerShell scripts

Be familiar with out of the box SharePoint PowerShell Scripts

#### **Module 4: Monitoring**

In this module we are going to take a look at new monitoring features in SharePoint 2010.

##### **Lessons**

Monitoring

##### **Lab: Configure Monitoring**

Configuring Diagnostic Logging

##### **Lab: ULS Viewer**

Explore the ULS Viewer

##### **Lab: Health Analyzer**

Explore SharePoint Health Analyzer

##### **Lab: Logging Database**

Explore SharePoint Logging Database

After completing this module, students will be able to:

Describe the improved monitoring features of SharePoint 2010

How to use the ULS Viewer

How to use the Health Analyzer

Query the new Logging Database

#### **Module 5: Search**

In this module we are going to take a look at new Search features in SharePoint 2010, Search Federation, and the new Search product called FAST ESP.

##### **Lessons**

Federated Search

Search Architecture

FAST Search

Search 2010

##### **Lab: Install Search**

Install SharePoint Search

##### **Lab: Explore Search**

Explore SharePoint Search

**Lab: Install FAST Search**

Install FAST Search

After completing this module, students will be able to:

Understand the new features of SharePoint Search

Install and configure SharePoint Search

Install and configure FAST Search

**Module 6: Backup Restore Disaster Recovery**

In this module we are going to take a look at new High Availability features in SharePoint 2010.

**Lessons**

Disaster Recovery

Backup

Restore

**Lab: Backup**

Explore Backup Options

Central Administration

PowerShell

**Lab: Restore**

Restore SharePoint

Partial Restore

After completing this module, students will be able to:

How to backup and restore SharePoint 2010

How to use the granular restore feature of 2010

**Module 7: Install and Upgrading**

In this module we are going to take a look at upgrading your older SharePoint 2007 farm to 2010!

**Lessons**

Deep Details

Upgrading 2007

**Lab: Installing SharePoint 2010**

Install SharePoint Foundation

Install SharePoint Server

**Lab: Upgrade (Pre-reqs)**

Upgrade to SP2

Install CU Oct 2009

**Lab: Upgrade (Gradual)**

Gradual Upgrade

**Lab: Upgrade (In-Place)**

In-Place Upgrade

After completing this module, students will be able to:

Understand Upgrade Architecture

Learn to perform a In-place upgrade

Learn to perform a Gradual upgrade

Understand what items to test after upgrade