



Course Outline

50353: SharePoint 2010 Overview (IT Pro)

Three days—Instructor-led

About this Course

Get a quick and hands-on 3 day start on IT Pro topics with SharePoint 2010!

Audience Profile

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.

What you will Learn:

The new architectural changes made to SharePoint 2010. How to upgrade your 2007 environment to 2010.

Prerequisites

Before attending this course, students must have:

SharePoint 2007 experience (for upgrade), understanding of database and web applications.

Course Outline

Overview

User Interface

Lesson: Architectural Changes

- Requirements
- Information Architecture
- Service Applications
- Office Web Applications

Lesson: New SharePoint Features

- Collaboration Qualities
- Design Goals
- UI Improvements
- Ribbon
- Wiki Capabilities

Lab: User interface

- Understand UI Improvements
- Use the Create Page
- Explore the Ribbon

Service Applications

Lesson: Service Applications

- Overview
- Service Applications
- Multi-Tenancy
- Extending

Lab: Explore Service Applications

- Explore Service Applications

Lab: Install Service Application

- Install a Service Application
- Assign a Service Application

PowerShell

Lesson: PowerShell

- Overview
- Commandlets
- PowerShell variables
- Using With SharePoint

Course Outline

Lesson: SharePoint & PowerShell

- Overview
- 2010 Commandlets
- Extending

Lab: PowerShell Basics

- PowerShell Basics – Command Lets
- Variables
- Arrays
- While Loop
- If Statement
- Create An Object
- Static Properties

Lab: PowerShell With SharePoint (30 minutes)

- Load SharePoint DLL into PowerShell
- Set PowerShell Execution Policy
- Enumerate Webs
- Create a site with PowerShell
- Create/Update an item with PowerShell
- Profiles and MySites script

Lab: SharePoint Commandlets

- Explore SharePoint 2010 Commandlets

Monitoring

Lesson: Monitoring

- Overview
- Investment Areas
- Manageability Improvements
- Log File Improvements
- Correlation IDs
- Diagnostics
- Logging Database
- Web Analytics
- Developer Dashboard
- Health Analyzer
- SCOM Integration

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

Search

Lesson: Search 2010

- Overview
- Search Enhancements
- GEO-Search
- Management

Lesson: Federated Search

- Federated Search
- When to use Federated Search
- OpenSearch

Lesson: Search Architecture

- Architecture
- Scale Out

Lesson: FAST Search

- FAST Search
- Installation
- Management

Lab: Install Search Service Application

- Create a Search Service Applications

Lab: Explore Search

- Explore SharePoint Search

Lab: Install FAST Search

- Install FAST Search



Course Outline

Lab: Search Federation

- Setup Federation (Bing)

Backup Restore Disaster Recovery

Lesson: Backup

- Backup Techniques

Lesson: Restore

- Restore Techniques
- Granular Restore
- Commandlets
- Read Only Support

Lesson: Disaster Recovery

- Disaster Recovery

Lab: Backup

- Explore Backup Options
- Central Administration
- PowerShell

Lab: Restore

- Restore SharePoint
- Partial Restore

Install & Upgrading

Lesson: Upgrading 2007

- Overview
- Microsoft Upgrade Approach
- Prerequisites
- Preupgradecheck
- Upgrade Paths
- Upgrade Planning / Validation
- Feature Upgrades
- User Interface Upgrades
- Reducing Downtime

Lesson: Deep Details

- Upgrade Process
- SSP to Service Applications

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