

SharePoint 2010 Overview For IT Professionals (MS50353)

Duration: 3 days

Description

This course presents a hands-on head start on IT Pro topics with SharePoint 2010. Discover the new architectural changes made to SharePoint 2010 and how to upgrade your 2007 environment to 2010.

Audience

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.

Prerequisites

Students should have SharePoint 2007 experience (for upgrade) and an understanding of database and web applications.

Topics

OVERVIEW AND 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
- 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

- Commandlets
- PowerShell variables
- Using With SharePoint

Lesson: SharePoint & PowerShell

- 2010 Commandlets
- Extending

Lab: PowerShell Basics

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

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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
- Profiles and MySites script

Lab: SharePoint Commandlets

- Explore SharePoint 2010 Commandlets

MONITORING

Lesson:

- 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

- 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
- Backup Restore Disaster Recovery

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

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Lab: Backup

- Explore Backup Options
- Central Administration
- PowerShell

Lab: Restore

- Restore SharePoint
- Partial Restore

INSTALL & UPGRADING

Lesson: Upgrading 2007

- Microsoft Upgrade Approach
- Prerequisites
- Pre-upgrade check
- 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