MOC 50353 SharePoint 2010 Overview for IT Professionals

Course Summary

Description

This course explores the new architectural changes made to SharePoint 2010 and how to upgrade your 2007 environment to 2010.

Objectives
At the end of 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.

Topics

- Overview
- Service Applications
- PowerShell
- Monitoring
- Search
- Backup Restore Disaster Recovery
- Install and Upgrading

Audience

This course is designed for 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

Before attending this course, students must have:

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

Duration

Three days

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Course Outline

I. Overview

A. A simple introduction module.

After completing this module, students will be able to:

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

II. 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.

A. 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

III. PowerShell

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

A. PowerShell
B. 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

IV. Monitoring

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

A. 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

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Course Outline (cont'd)

V. 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.

A. Federated Search
B. Search Architecture
C. FAST Search
D. 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

VI. Backup Restore Disaster Recovery
In this module we are going to take a look at new High Availability features in SharePoint 2010.

A. Disaster Recovery
B. Backup
C. 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

VII. Install and Upgrading
In this module we are going to take a look at upgrading your older SharePoint 2007 farm to 2010!

A. Deep Details
B. 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

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