

SharePoint 2010 for Overview IT Professional

Course Overview

This course teaches the student the new architectural changes that have been implemented into SharePoint 2010. Students will learn how to upgrade from SharePoint 2007 to SharePoint 2010. Students will discover new service applications, monitoring improvements, powershell features, search features and backup and recovery techniques. It is recommended that students have experience with SharePoint 2007 and understand database and web applications.

Course Outline

<u>Course Introduction</u>	2m
<u>Module 01 – Overview</u>	2m
Course Materials	
Types of SharePoint Courses	
Prerequisites	
<u>Module 02 - Architecture Changes</u>	41m
Lesson: Architectural Changes	
Architecture Changes	
Service Applications	
Office Web Apps	
Lesson: New SharePoint Features	
Collaboration Qualities	
SharePoint 2010 Design Goals	
2010 UI Improvements	
AJAX User Interface	
Media Streaming Capabilities	
Ribbon	
Troubleshooting/Help Desk Improvements	
Wiki Capabilities	
Demo - SharePoint Collaboration	
Lab - SharePoint Collaboration Experience	
Discussion	
Module 02 Review	
<u>Module 03 - Service Applications</u>	1h 24m
Lesson: Service Applications	
Overview	
List of Service Applications	
Access Services	
Business Data Catalog/BCS	
Excel Services	
Managed Metadata Service	
User Profile	
FAST Search	

Search Service
Secure Store
State Service
Usage and Health Data
Visio Graphics
Web Analytics
Word Conversion
PerformancePoint
PowerPivot
PowerPoint
Word Viewing
Service Application Proxies
Proxy Groups
Multi-tenancy
Extending
Service Application Configs
Quick Note
Demo - Service Applications
Lab - Service Applications
Lab - Install Service Applications
Discussion
Module 03 Review

Module 04 - PowerShell

53m

Lesson: PowerShell

PowerShell - Overview
Commandlets
Profiles
Variables

Lesson: SharePoint and PowerShell

Overview
2010 Commandlets
Extending
SharePoint Management Shell
Permissions
Demo - PowerShell
Lab - PowerShell
Lab - PowerShell with SharePoint
Lab - SharePoint Commandlets
Module 04 Review

Module 05 - Monitoring

52m

Lesson: Monitoring

Overview
Manageability Improvements
Log File Improvements
Correlation ID Tracing
ULS PowerShell
Logging Database
Logged Events

Web Analytics
Web Analytics Components
Developer Dashboard
Health Analyzer
SCOM Integration
Demo - Monitoring
Lab - Monitoring
Lab - ULS Viewer
Lab - Health Analyzer
Lab - Logging Database
Discussion
Module 05 Review

Module 06 - Search

1h 33m

Lesson: Search 2010

Overview
Search Enhancements
FAST Search Enhancements
New Query Syntax
Social Computing & Search
Geo-Search
Management

Lesson: Federated Search

Federated Search
When to use Federation
OpenSearch

Lesson: Search Architecture

Architecture
Scale Out
Content Distribution

Lesson: FAST Search

FAST Search Features
Installation
Management
Demo - Search
Lab - Search
Lab - Installing Fast Search
Lab - Setup Search Federation
Discussion
Module 06 Review

Module 07 - Backup Restore Disaster Recovery

45m

Lesson: Backup

SharePoint Backup Entities
Backup

Lesson: Restore

Granular Restore
Restore
PowerShell Commandlets
Read-Only Support

Lesson: Disaster Recovery & Failover

Disaster Recovery

Failover

Demo - Backup and Restore

Lab - Backup

Lab - Restore

Discussion

Module 07 Review

Module 08 - Install and Upgrading

3h 14m

Lesson: Installing 2010

Prerequisites

Requirements

Accounts

Required Permissions

Installation Steps

Product Configuration Wizard

Farm Configuration Wizard

Capacity Planning

Lesson: Upgrading 2007

Overview

Microsoft Upgrade Approach

Upgrade Preparation Steps

32bit to 64bit Upgrade

PreUpgradeCheck

Upgrade Pre-Installation Steps

Upgrade Planning

Upgrade Testing

Validation

Upgrade Paths

Commandlets

Feature Upgrades

User Interface (Visual) Upgrade

Patch Management

Upgrade Logging

Reducing Downtime

Upgrade Predictions

Post Upgrade Tasks

Common Upgrade Issues

Lesson: Deep Details

Upgrade Process

Upgrade Pipeline

Database Upgrade Process

SSP to Service Applications

BDC Upgrade

Discussion: Upgrade Challenges

Demo - Upgrade Steps

Lab - Capacity Planning Documents

Lab - Install SharePoint 2010

Lab - Prepare for Upgrade

Lab - Upgrade (Gradual)
Lab - Upgrade (In-Place)
Module 08 Review
Course Closure

Total Duration: 9h 27m