



Microsoft Office SharePoint Server 2007 and Windows SharePoint Services 3.0

Five days

Description: This course provides students with the knowledge and skills to plan, deploy, and configure server farm solutions with Microsoft Office SharePoint Server 2007 and Windows SharePoint Services 3.0. The course focuses on key deployment and configuration tasks.

Audience: Experienced architects and administrators who have a minimum of two years experience with SharePoint Technologies will benefit from this course.

Prerequisites: Students should have at least two years working with SharePoint Products and Technologies in **any** of the following roles: Solution Architect, Technical Architect, Information Architect, or Farm Administrator and experience gathering and analyzing customer requirements. Implementing Windows SharePoint Services 3.0 and Implementing Microsoft Office SharePoint Server 2007 courses or equivalent experience is also required.

Outline

MODULE 1: SHAREPOINT TECHNOLOGIES SERVER FARM ARCHITECTURE

- WSS 3.0 and MOSS 2007 Server Farms
- MOSS 2007 Server Farm Topology
- Deploying WSS 3.0 and MOSS 2007 Farms
- Exercise 1: Planning a MOSS 2007 Server Farm Deployment
- Exercise 2: Installing a MOSS 2007 Application Server by Using a Script

MODULE 2: CONFIGURING SHAREPOINT TECHNOLOGIES FARMS

- Creating Shared Services Providers
- Configuring Server Farms
- Configuring Administration Settings
- Exercise 1: Create a Shared Services Provider
- Exercise 2: Configure a Profile Import and Test My Sites

MODULE 3: SECURING MICROSOFT SHAREPOINT TECHNOLOGIES SYSTEMS

- MOSS Security Accounts

- Securing Content
- Securing Communications within a Server Farm
- Using Server Hardening
- Exercise 1: Configuring Security Accounts
- Exercise 2: Creating a Forms-Based Authentication Web Application
- Exercise 3: Securing Server Farm Communications

MODULE 4: MICROSOFT SHAREPOINT TECHNOLOGIES SOLUTION ARCHITECTURE

- Information Architecture
- Solution Architecture
- Exercise 1: Using Content Types to Manage Taxonomies
- Exercise 2: Installing and Activating Features

MODULE 5: BACKUP, RESTORE, AND DISASTER RECOVERY FOR MICROSOFT SHAREPOINT TECHNOLOGIES

- Backup and Restore



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- Using Microsoft SQL Server Backup and Restore
- Using Microsoft SQL Server Failover Solutions
- Using Data Protection Manager
- Exercise 1: Mirroring Databases
- Exercise 2: Configuring and Administrating Database Failover
- Exercise 3: Configuring Content Database Failover

MODULE 6: MICROSOFT SHAREPOINT TECHNOLOGIES OPERATIONS

- Managing a Server Farm
- Using Microsoft Systems Center Operations Manager with SharePoint Technologies
- Troubleshooting Migrations and Upgrades
- Exercise 1: Installing the Operations Manager 2007 Agent on a Server
- Exercise 2: Installing the Windows SharePoint Services 3.0 Management Pack
- Exercise 3: Configuring a performance monitor on Operations Manager 2007

MODULE 7: CAPACITY PLANNING AND SIZING FOR MICROSOFT SHAREPOINT TECHNOLOGIES

- Capacity Planning
- Right-Sizing Microsoft SharePoint Technologies Architectures
- Exercise 1: Estimating User Requirements
- Exercise 2: Sizing a Deployment

MODULE 8: SEARCH AND INDEXING

- Search Architecture
- Crawl and Query Processes
- Search Server Layouts
- Exercise 1: Configuring Content Sources
- Exercise 2: Configuring Crawl Rules

- Exercise 3: Customizing the Advanced Search User Interface

MODULE 9: CUSTOMIZING AND EXTENDING MICROSOFT SHAREPOINT TECHNOLOGIES

- Customizing Microsoft Office SharePoint Server 2007
- Extending Microsoft Office SharePoint Server 2007
- Exercise 1: Modifying Master Pages and Layouts
- Exercise 2: Installing an iFilter and Associate a File Type

MODULE 10: CONFIGURING THE BUSINESS DATA CATALOG

- Planning the Business Data Catalog
- Configuring the Business Data Catalog
- Exercise 1: Creating an ADF File
- Exercise 2: Loading the BDC Application Definition
- Exercise 3: Creating Managed Properties

MODULE 11: CONFIGURING FORMS AND EXCEL SERVICES

- Microsoft InfoPath Forms in SharePoint Technologies
- Excel Services in MOSS 2007
- Exercise 1: Creating an InfoPath Form Template
- Exercise 2: Creating and Deploying a Workflow