

# Contents

<b>Acknowledgments</b>	<b>ix</b>
<b>Introduction</b>	<b>xix</b>
<b>Chapter 1: Introduction to SharePoint 2003</b>	<b>1</b>
<b>What Is SharePoint?</b>	<b>1</b>
The History of SharePoint	2
The Future of SharePoint	3
<b>Differences between WSS and SPS</b>	<b>4</b>
Windows SharePoint Services 2003	4
SharePoint Portal Server 2003	5
<b>What You Need to Run SharePoint</b>	<b>5</b>
Software Requirements	5
Hardware Requirements	6
Building a Test Environment	6
<b>Integrating with MS Office 2003</b>	<b>7</b>
<b>Built-In Features of SharePoint</b>	<b>8</b>
Alerts (WSS and SPS)	9
File and Document Management (WSS and SPS)	9
Project Management (WSS)	10
Managing Meetings (WSS)	11
Keeping Your Organization Updated (SPS)	12
Finding Your Information Faster (SPS)	14
What File Types Can You Search?	15
What Type of Searching Can You Do?	16
<b>Accessing SharePoint over the Internet</b>	<b>17</b>
How You Do It	17
Allowing External Partners Access	18
<b>Summary</b>	<b>19</b>
<b>Chapter 2: Installing Windows SharePoint Services</b>	<b>21</b>
<b>Preparing to Install WSS</b>	<b>21</b>
Types of WSS Configurations	23
Hardware Requirements	25
Software Requirements	27

# Contents

---

<b>Installing WSS</b>	<b>29</b>
The Config and Content Databases	29
Installing a Single-Server with the WMSDE Database	30
Installing a Single-Server with a Local MS SQL Database	36
Installing a Single-Server Using a Remote MS SQL Database	42
<b>Upgrading WMSDE to MS SQL Server</b>	<b>47</b>
Preparing to Upgrade Your WMSDE	48
Upgrading WSS to a Local MS SQL Server	50
Migrating WSS to a Remote MS SQL Server	51
<b>Uninstalling WSS</b>	<b>52</b>
Uninstalling WSS but Leaving the Database Files	52
Removing WSS Completely	52
<b>Summary</b>	<b>53</b>
 <b>Chapter 3: Configuring and Managing Windows SharePoint Services</b>	 <b>55</b>
 <b>Important Concepts</b>	 <b>56</b>
Administrative Web Sites and User Web Sites	56
Top Sites, Subsites, and Site Collections	61
The Security Mechanism	62
<b>Beginning SharePoint Administration</b>	<b>64</b>
Creating Your First Sites	64
Creating a New Top Site	67
Configuring WSS to Use an SMTP Mail Server	72
Managing Access Control of Web Sites	74
<b>More Advanced WSS Administration</b>	<b>76</b>
Site Groups	76
Cross-Site Groups	81
Anonymous Access	83
Working with Custom Site Templates	86
Removing User Accounts	93
<b>Summary</b>	<b>96</b>
 <b>Chapter 4: Installing SharePoint Portal Server</b>	 <b>99</b>
 <b>Preparing for SPS</b>	 <b>99</b>
When Do You Need SPS?	100
Three Database Combinations	101
The Databases in SPS	102
The Front-End and Back-End Roles	102
Hardware Requirements	106
Software Requirements	108

<b>Installing SPS</b>	<b>111</b>
Installing a Stand-Alone Server with the MSDE Database	111
Installing a Single-Server with a Local MS SQL Database	117
Installing SPS in a Small Farm	127
<b>Backing Up SPS 2003</b>	<b>133</b>
<b>Upgrading MSDE to MS SQL Server</b>	<b>136</b>
Preparing to Upgrade to MS SQL Server	136
Upgrading SPS to a Local MS SQL Server	136
<b>Post-Installation Tasks</b>	<b>138</b>
The Configuration Database	138
The Content Database	139
The User Profile Database	140
The Service Database	140
<b>Uninstalling SPS</b>	<b>141</b>
Uninstalling SPS but Leaving the Database Files	141
Removing SPS Completely	142
<b>Summary</b>	<b>142</b>
 <b>Chapter 5: Configuring and Managing SharePoint Portal Server</b>	 <b>145</b>
<b>Changing the Look and Feel of the Portal Site</b>	<b>146</b>
Modifying the Portal Site	146
SharePoint's Folder Tree	149
Branding the Portal Site	153
Changing the CSS File	156
<b>Managing Portal Areas</b>	<b>161</b>
The Home Area Page	162
The Topics Area Page	175
The News Area Page	187
The Site Area Page	194
<b>Managing Access to the Portal Site</b>	<b>200</b>
Managing Users and Groups	200
Site Groups	202
Anonymous Access	204
<b>Summary</b>	<b>205</b>
 <b>Chapter 6: Advanced Administration</b>	 <b>207</b>
<b>SPS-Related Administration Topics</b>	<b>207</b>
Managing Portal Area Templates	207
Managing User Profiles	212
Managing Audiences	221
Managing My Sites	227
Security in the Portal Site	238

# Contents

---

<b>Searching</b>	<b>241</b>
Searching in WSS	242
Searching in SPS	244
<b>Summary</b>	<b>259</b>
 <b>Chapter 7: Comparing WSS and SPS</b>	 <b>261</b>
 <b>The History of SharePoint</b>	 <b>261</b>
SharePoint Team Services (STS)	261
SharePoint Portal Server 2001 (SPS)	262
The Road Ahead from 2001	262
<b>Comparing the Objectives</b>	<b>263</b>
The SharePoint Philosophy	263
The Primary Objective for WSS	265
The Primary Objective for SPS	265
<b>Comparing Security</b>	<b>266</b>
List Security	266
Site Security and Rights	267
Visibility of Objects	270
Cross-Site Groups	272
<b>Comparing Web Parts</b>	<b>272</b>
<b>Comparing Customization</b>	<b>274</b>
Customizing Colors and Styles	274
Customizing the Site Layout	275
<b>Comparing Templates</b>	<b>280</b>
Creating Site Templates	281
Creating Lists and Library Templates	283
Copying Templates	284
<b>Comparing Administrative Web Pages</b>	<b>286</b>
<b>Comparing Backups</b>	<b>287</b>
<b>Summary</b>	<b>287</b>
 <b>Chapter 8: Working with Web Parts</b>	 <b>289</b>
 <b>Introduction to Web Parts</b>	 <b>289</b>
Web Part Zones	290
Default Web Parts	291
<b>Finding More Web Parts</b>	<b>306</b>
Free Web Parts	307
Not-So-Free Web Parts	314
<b>Installing Web Parts</b>	<b>319</b>
<b>Developing Web Parts</b>	<b>320</b>
<b>Summary</b>	<b>321</b>

---

<b>Chapter 9: More Effective File and Document Management</b>	<b>323</b>
<b>Traditional File Chaos</b>	<b>323</b>
Document Management Systems	324
Traditional File Management Systems	325
What You Really Need	326
<b>The SharePoint Way</b>	<b>327</b>
Allowed File Types	328
Creating Document Libraries	330
Understanding Columns and Views	332
Working with Alerts	341
Checking Out and Checking In	342
Document Version History	345
Document Management with MS Office	346
Working with Datasheets and MS Excel	350
<b>Managing List Access</b>	<b>353</b>
<b>Managing Document Workflow</b>	<b>354</b>
<b>Working with Document Workspaces</b>	<b>356</b>
<b>Using SharePoint as a File Share</b>	<b>357</b>
<b>Summary</b>	<b>360</b>
 <b>Chapter 10: More Effective Meetings</b>	 <b>361</b>
<b>The Typical Meeting Process Today</b>	<b>361</b>
Before the Meeting	362
During the Meeting	362
After the Meeting	363
The Problems of Today	363
<b>What You Really Need</b>	<b>364</b>
Before the Meeting	364
During the Meeting	364
After the Meeting	364
<b>How to Do This with SharePoint</b>	<b>365</b>
Before the Meeting	366
During the Meeting	366
After the Meeting	367
<b>Integrating Outlook and SharePoint</b>	<b>368</b>
Managing Integration Features in Outlook	368
Meeting Workspace Templates	370
Creating a Meeting Workspace	370
Modifying a Meeting Workspace	373
Managing Pages	377

# Contents

---

<b>Managing a Series of Meetings</b>	<b>379</b>
Joining an Existing Meeting	379
Managing List Content for a Series of Meetings	380
Tips about Series of Meetings	381
<b>Meetings with Other Users</b>	<b>383</b>
Allowing Additional Internal User Access	383
Allowing External User Access	384
<b>Summary</b>	<b>384</b>
 <b>Chapter 11: Case Study: Building an Intranet</b>	 <b>387</b>
 <b>Analyzing the Needs</b>	 <b>387</b>
WSS or SPS?	388
Analyzing an Intranet	389
<b>An Intranet Based on WSS</b>	<b>390</b>
General Features of the Intranet	390
Building an Intranet Using WSS	391
Creating Local Team Intranets	396
Creating Top-Level Local Intranets	397
<b>An Intranet Based on SPS</b>	<b>399</b>
The Portal Site Overview	400
Creating Picture Libraries	400
Targeting Audience Groups	401
Hiding Links from Users	404
Adding Calendars	404
Weather Reports	404
External News Reports	405
Personal Calendars	406
Searching with SPS	407
Displaying Web Content	407
Departmental Intranets	408
<b>Smarter Navigation</b>	<b>410</b>
<b>Summary</b>	<b>412</b>
 <b>Chapter 12: Designing with FrontPage</b>	 <b>413</b>
 <b>Why FrontPage?</b>	 <b>413</b>
<b>A Quick Guide for FrontPage</b>	<b>414</b>
Opening Sites with FrontPage	414
FrontPage's Display Modes	415
Modifying the Site	416
Saving Your Work	416
Differences between SPS and WSS	417
Ghosting and Un-ghosting	417

<b>Basic Design</b>	<b>418</b>
Adding Text Outside Web Parts	418
Adding Links to Team Sites	419
Adding a Background Picture	420
Changing the Team Site Logo	420
Interactive Buttons	420
Hiding Fields on a Web Form	422
Managing Site Templates	423
Page Transitions	425
Managing Web Part Zones	425
Adding an IFrame	426
Retrieving a SharePoint Summary	427
<b>Extended Design</b>	<b>428</b>
Managing Themes	428
Adding Pages to SharePoint	432
Creating a Blog Package	436
Data Sources and Data Views	438
<b>Summary</b>	<b>444</b>

---

## **Chapter 13: Backup and Restore** **445**

<b>What Data Should You Protect?</b>	<b>445</b>
The SharePoint Database	446
SharePoint Files	446
Backup Options	448
Moving and Copying Information	448
<b>Backing Up with Stsadm</b>	<b>450</b>
Preparing for Stsadm	451
Running the Stsadm Backup	451
Tools for Stsadm	452
<b>Backing Up with Smigrate</b>	<b>454</b>
Preparing for Smigrate	455
Running the Smigrate Backup	456
Tools for Smigrate	456
<b>Backing Up with Spsbackup</b>	<b>457</b>
Making Backups Using the Graphical Interface	459
Making Backups Using the Command-Line Interface	460
<b>Restore Procedures</b>	<b>460</b>
Restoring a Single Item	461
Restoring a Single Site	464
Restoring a Single Site Collection	466
Restoring a Complete Portal Server	467
Making a Backup Plan	469

# Contents

---

<b>Third-Party Backup Tools</b>	<b>470</b>
General Backup Agents	470
MS SQL Backup Tools	471
AvePoint Tools	472
NSE Tools	472
<b>Summary</b>	<b>473</b>
 <b>Chapter 14: SharePoint 2007</b>	 <b>475</b>
<b>Why a New Version?</b>	<b>476</b>
<b>The Next Generation</b>	<b>476</b>
The MS Office 2007 Suites	477
Windows SharePoint Services	480
The New SharePoint Portal Server	486
<b>News for Developers</b>	<b>491</b>
Master Pages	491
Page Layout	492
Content Pages	492
The New Concept “Features”	492
<b>Upgrading to SharePoint 2007</b>	<b>493</b>
Different Upgrade Scenarios	493
A Default Site	494
A Customized Site	494
<b>Summary</b>	<b>494</b>
 <b>Index</b>	 <b>497</b>