APPENDIX A

Full Installation Details for Windows Server 2003

As I was writing Hour 2, "Installing Windows SharePoint Services 3.0," I realized that some readers may never have installed an operating system. These folks might need more guidance than just "follow the defaults," which is all the chapter—which concentrated on preparing for and installing WSS 3.0—had time for. To assist these users, this appendix details installing Windows Server 2003.

In the end, there was no space in the printed book for this appendix, so it is only on the book's website.

Installing the Operating System

The installation was done using an MSDN (DVD) version of Windows Server 2003 R2 (Standard Edition, 32 bit). The operating system was installed to a Parallels virtual machine (VM).

Apart from minor details in Figure A.1, the installation procedure is identical for installations to other VM systems and to "real" servers.

Parallels(R) VGA-Compatible BIOS Version 2.01
Parallels(R) 3.0 build 5582 (C) 2005-2007 Parallels Software International Inc. All Rights Reserved
640 KB Base Memory 1948576 KB Extended Memory Bont from bard drive
Boot from CD/DVD-ROM drive
[A1 Windows Server 2003 RZ, Standard 32 bit with SP2 - English [B] Windows Server 2003 RZ, Enterprise 32 bit with SP2 - English [C] Windows Server 2003 RZ, Etandard 64 bit with SP2 - English
ID] Windows Server 2003 R2, Enterprise 64 bit with SP2 - English
Choose an option and press [Enter]: _

FIGURE A.1 Booting from the DVD.

- **1.** Figure A.1 is what you'll see if you use an MSDN DVD because these contain several different versions of the operating system. I choose option A here.
- 2. Figure A.2 is the first screen that requires action. Press Enter.
- **3.** Figure A.3 shows the standard terms of the license agreement; you need to approve them to move on. Press F8.

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F8=I agree ESC=I do not agree PAGE DOWN=Next Page

ENTER=Install C=Create Partition F3=Quit

Figure A.4 shows that the unpartitioned space is 31997MB. When I earlier created the VM, I specified that there would be a maximum of 32GB used for this virtual system. However, I also chose the Give Me Only What I Need option, so it won't at this stage really format 32GB.

FIGURE A.4 Specifying the location.

	e UP and DOWN ARROW keys to select an iten in the list.			
	To set up Windows on the selected item, press ENTER.			
 To create a partition in the unpartitioned space, press C. 				
	To delete the selected partition, press D.			
1997	MB Disk 0 at Id 0 on bus 0 on atapi [MBR]			
	Unpartitioned space 31997 MB			

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setup.

The fact that—in a virtual machine—you can specify that space is added as needed is where a VM can differ from a server.

- A server installation will format all the space allocated to the drive.
- A VM installation will only format all the space allocated to a drive if you have specified that all space is to be allocated immediately.
- 4. Press Enter. This gives Figure A.5, where there are various format options. The default is the correct one. Press Enter.



FIGURE A.5 Format the partition.

Tip

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Figure A.6 isn't one you need to react to. It's one of several messages you see as the installation progresses.



FIGURE A.6 The stages of the installation.

Figure A.7 is the Regional and Language options screen



5. If you are in the United States, click Next. That's it. (If you choose U.S., skip to Figure A.13.)

If you are not in the United States, you need to amend things. I recommend leaving the Standards and Formats settings at U.S. (for a client OS, I amend the settings by hand). Leaving the settings at English means that you get English language messages. Otherwise, some systems send you Finnish/German (etc.) messages because "He chose Finnish/German (etc.) settings, so let's send him a message in Finnish/German (etc.)."

6. You do need to specify a different keyboard. The following figures show you how to do that. (This example illustrates a Finnish keyboard, because that's what I have.)

Figure A.8 shows what you see after you select Details in Figure A.7.

Settings		1
Defau Selec comp	It input language t one of the installed input languages to use when you star uter.	guages.
Eng	sh (United States) - US	· · · · · · · · · · · · · · · · · · ·
Instal Selec	ed services	change the way numbers, dates, n also add support for additional
	e the Add and Hemove puttons to modify this list. English (United States) Keyboard • US	glish (United States), and the
et Pfi	Add	t
	- Rem	ties
- Deafe	1000	click Details.
Prefe	ences	
LC	iguage bai	

FIGURE A.8 Starting to specify a non-U.S. keyboard.

tions.

FIGURE A.7 Language op**7.** Click Add. Select your language (see Figure A.9). In this case, it's Finnish. Click OK.



Figure A.10 is the second part of this process.

Select one of the installed input langua computer.	to use when you start your nguages.
English (United States) - US	
Installed services Select the services that you want for ea	change the way numbers, da n also add support for additio
list. Use the Add and Remove buttons I	odify this list. glish (United States), and the
Keyboard	Custon
Finnish	Add
Finnish	Remove Hall to be the standard standa
	Properties
Preferences	click Details.
1 1010101000	

8. As you can see, that just adds a different keyboard, but doesn't select it. Change the value in the drop-down box shown in Figure A.11 (here, to

Finnish).



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FIGURE A.9

Specifying the

non-U.S. key-

board, part 1.



9. We finally have the right keyboard specified. Click OK, which gives Figure A.12.



- **10.** This takes us to the same screen the U.S. guys had in Figure A.7. Now we foreign-keyboard users can move on to Figure A.13 by clicking Next.
- **11.** It is completely irrelevant what you choose here. Mike and MVP are at least short. Enter something, and click Next.



non-U.S. keyboard.

FIGURE A.11

Specifying the non-U.S. key-

board, part 3.







12. Figure A.14 is a standard screen. Leave it as it is for a test server and click Next.



FIGURE A.14 Specifying the licensing mode.

13. In contrast, what's shown in Figure A.15 is not irrelevant. Choose a sensible short name (with no odd characters or spaces) for the computer name and choose a password you can remember which has letters, numbers, and special characters. Click Next.

To make sure I remember passwords, I use the same password on all of my test systems.

Note



14. In Figure A.16, I amend the time zone for Helsinki. Specify what you need, and click Next.



Now all that's left is to specify the networking settings, which we'll start doing in Figure A.17.

15. Choose the default, and click Next.

In Figure A.18, we're leaving the computer as a standalone server in a workgroup. Just accept the default value and click Next. You can always join one later.

FIGURE A.15 Changing the

and giving a

password.

computer name







FIGURE A.18 Leave the com-

ber of a

workgroup.

puter as a mem-

In a business environment, you usually make the server a member of a domain (assuming you have the rights to do that).

Tip

The installation of Windows Server 2003 R2 is finished (see Figure A.19). We can update the operating system and first install the prerequisites for WSS 3.0 and then WSS 3.0 itself. All these are covered in Hour 2, which picks up the story with this figure (Figure 2.1 in that hour).

FIGURE A.19 The end of the operating system installation.

