IT Essentials 5.0

5.2.2.5 Lab - Advanced Installation of Windows XP

Introduction

Print and complete this lab.

In this lab, you will install a Windows XP operating system by using an answer file for automation. You will customize partition settings and create an administrative user and limited user.

Recommended Equipment

The following equipment is required for this exercise:

- A computer with a new installation of Windows XP
 - Windows XP installation media
 - A blank, formatted floppy disk

Step 1

Log on to the computer.

Insert the Windows XP Professional CD in the CD-ROM drive.

Click Perform additional tasks.

🐻 Welcome to Microsoft Windows XP	
🕂 Welcome to Microsoft Windows XP	
📷 What do you want to do?	
► Install Windows XP	
→ Learn more about the setup process	
Install <u>o</u> ptional Windows components	
Perform additional tasks	
Check system compatibility	
Exit	

Click Browse this CD.



Double-click the Support folder.

Double-click the **Tools** folder.

Double-click Deploy.CAB.

Highlight all of the files by clicking **Edit > Select All**.

Right-click setupmgr.exe and then click Extract.

Click Make New Folder to create a folder on the C: drive.

Name the folder "Deploy".

Click **Extract** to extract the files from the CD to C:\Deploy.

Browse to C:\Deploy.

Double-click setupmgr.exe.

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The and Folder Tanks (*) This a tree fulder Plate a tree fulder Plate the fulder to the Web Show the fulder	readme.txt Text Cocurrent 11.10	deploy.chm Complexed withit, Help File Sto H3 Complexed withit, Help File Complexed withit, Help File	factory.ess Factory (se-instalation utility Microsoft Corporation Image: A state of the stat	of ornat.com MS-005 Application Society of the second second Second Second Second Second Second Hanaper Waard Horoseff Carporation	
Other Places (*) Control bit (C) My Documents Shared Documents My Computer My Computer My Retroact Places	Processor Processor Henseld Corporation	Werk gaan doc Merk gaan doc 127 kg			
Det alls 🔍					

Step 4

The "Setup Manager" window opens.

Click Next.

🐻 Setup Manager	
	Welcome to Setup Manager
	Setup Manager helps you prepare the configuration set and answer file to automate the preinstallation of Windows on your destination computers.
	To continue, click Next.
	< <u>₿</u> ack <u>Next></u> Cancel

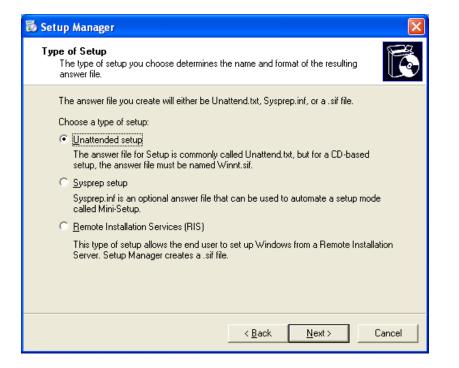
The Create new button should be checked by default.

Click Next.

🐻 Setup Manager 🛛 🔀
New or Existing Answer File An answer file tells Setup how to install and configure Windows.
An answer file is a script that provides answers to the questions or options presented during Windows Setup. For example, if your answer file provides an answer to the "Select a time zone" prompt, that page will not be shown to the end user during Setup.
Create new
C Modify existing
Enter the path and file name of the answer file:
Browse
< <u>B</u> ack <u>N</u> ext > Cancel

Select the **Unattended setup** radio button.

Note that a CD-based answer file name must be Winnt.sif.



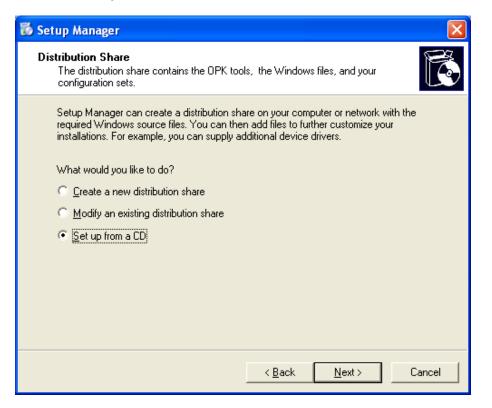
Select the Windows XP Professional radio button, and then click Next.

🐻 Setup Manager 🛛 🔀
Product Which Windows product will be installed using this answer file?
Select a Windows product: Windows XP Home Edition Windows XP Professional Windows Server 2003, Standard Edition Windows Server 2003, Enterprise Edition Windows Server 2003, Web Edition
< <u>B</u> ack <u>N</u> ext > Cancel

Select the Fully automated radio button, and then click Next.

🐻 Setup Manager 🛛 🔀
User Interaction Select the type of user interaction you want.
 User controlled You provide default options in the answer file, and the end user can change any of them. Fully automated
You provide all required answers in the answer file, and the end user is not prompted for them. <u>H</u> idden pages You provide answers for setup pages that are hidden from the end user.
Read only You provide all required answers in the answer file. The end user can see the options but cannot change them.
GUI attended Only the text-mode portion of Setup is automated. The GUI portion of Setup runs normally, prompting the end user at each page.
< <u>B</u> ack <u>N</u> ext > Cancel

Select the Set up from a CD radio button, and then click Next.



Click the I accept the terms of the License Agreement checkbox, and then click Next.

🐻 Setup Manager 🛛 🗙	
License Agreement Do you accept the terms of the License Agreement for Windows?	
You chose to fully automate the installation of Windows. To use this option, you must accept the terms of the End User License Agreement (EULA) and any Microsoft license agreements you have for the version of Windows you want to install.	
For more information about the EULA, consult your documentation or your Microsoft license agreement.	
To continue with Setup Manager, select the following check box, and then click Next.	
I accept the terms of the License Agreement	
< <u>B</u> ack <u>N</u> ext > Cancel	

Click Name and Organization in the list on the left.

Type the name and the organization name provided by your instructor.

Click Next.

🐻 Setup Manager	
<u>F</u> ile <u>H</u> elp	
General Settings Name and Organization Display Settings Time Zone Product Key Network Settings	Name and Organization You can customize Windows Setup by providing a default name and organization. Type the default name and organization you want to use. If you leave these boxes blank, the name and organization will not be specified in the answer file, and the end user will be prompted to enter the information during Windows Setup.
Computer Names Administrator Password Networking Components Workgroup or Domain Advanced Settings	Name: Bob Organization: Cisco
 Telephony Regional Settings Languages Browser and Shell Settings Installation Folder Install Printers Run Once Additional Commands 	On the left side of this page, the steps of Setup Manager are shown for your information. The highlighted step is your current position. You can move to any step in Setup Manager by clicking that step in the list.
	< <u>₿</u> ack <u>N</u> ext > Cancel

Click **Time Zone** in the list on the left.

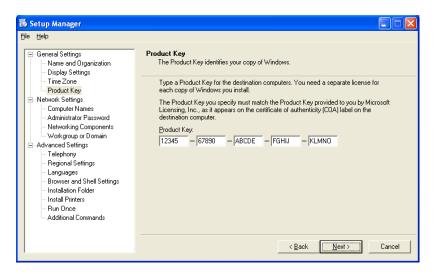
Click the time zone for your location from the "Time zone:" drop-down box, and then click Next.

🐻 Setup Manager	
<u>File H</u> elp	
 General Settings Name and Organization Display Settings Time Zone Product Key Network Settings Computer Names Administrator Password Networking Components Workgroup or Domain Advanced Settings Telephony Regional Settings Languages Browser and Shell Settings Installation Folder Installation Folder Additional Commands 	Time Zone Windows will be set up with the time zone setting you specify. Select a time zone for the destination computers. If you do not select a specific time zone setting, the following default time zone is used: (GMT - 08:00) Pacific Time (US & Canada); Tijuana Time zone: (GMT-06:00) Central Time (US & Canada) ✓ (GMT-06:00) Central Time (US & Canada) (GMT-06:00) Central Time (US & Canada)

Highlight **Product Key** in the list on the left.

Type the Windows XP Professional product key supplied by your instructor in the "Product Key:" fields.

Click Next.



Click Computer Names in the list on the left.

Type the computer name provided by your instructor in the "Computer name:" field, and then click Add.

The computer name will then display in the "Computers to be installed:" field.

🐱 Setup Manager Eile Help	
General Settings Name and Organization Display Settings Time Zone Product Key Network Settings Computer Names Administrator Password Networking Components Workgroup or Donain Advanced Settings Telephony Regional Settings Languages Browser and Shell Settings Installation Folder Install Printers	Computer Names Each computer on a network must have a unique identifier. Type a name for each destination computer (15 characters maximum), and then click Add. To import computer names from a text file (one computer name per line), click Import. Computer name: Computer1 Add Computers to be installed: Import Import Enemove
- Install Printers - Run Once - Additional Commands	Automatically generate computer names based on the organization name specified on the Name and Organization page
	< <u>B</u> ack <u>N</u> ext > Cancel

Click Next.

Click Administrative Password in the list on the left.

Type your first initial of your first name and your complete last name in the "Password:" and "Confirm password:" fields. (For example, jsmith)

Click Next.

🐻 Setup Manager	
<u>File H</u> elp	
General Settings Name and Organization Display Settings Time Zone Product Key Network Settings Computer Names Administrator Password Networking Components Workgroup or Domain Advanced Settings Telephony Regional Settings Languages Browser and Shell Settings Installation Folder Install Printers Run Once Additional Commands	Administrator Password You can specify a password for the Administrator account on all destination computers. If you keep a record of the password you choose, help desk technicians or network administrators can change settings when needed. Prompt the end user for an Administrator password If you keep a record of the password you choose, help desk technicians or network administrators can change settings when needed. Prompt the end user for an Administrator password If you keep a record of the password password (127 characters maximum; case-sensitive): Bassword:
	< <u>B</u> ack <u>N</u> ext > Cancel

Click Workgroup or Domain in the list on the left.

Select the **Workgroup** radio button.

Type the Workgroup name LabGroup1 in the "Workgroup:" field, and then click Next.

🐻 Setup Manager	
<u>File</u> Help	
 General Settings Name and Organization Display Settings 	Workgroup or Domain The destination computers may belong to either a workgroup or a domain.
Time Zone	How will the destination computers participate in a network?
Network Settings	
- Computer Names - Administrator Password	C Domain: DOMAIN
 Networking Components Workgroup or Domain 	Create a computer account in the domain
Advanced Settings	Specify a user account that has permission to add a computer to the domain.
 Telephony Regional Settings 	User name:
- Languages Browser and Shell Settings	Pas <u>s</u> word:
 Installation Folder Install Printers 	Confirm password:
Run Once Additional Commands	If you specify a domain but don't set up a user account, the end user will be prompted for a valid user name and password the first time the computer logs on to the domain after Windows Setup.
	< <u>B</u> ack <u>N</u> ext > Cancel

Click Additional Commands in the list on the left, and then click Finish.

🐻 Setup Manager	
<u>File H</u> elp	
 General Settings Name and Organization Display Settings Time Zone Product Key Network Settings Computer Names Administrator Password Networking Components Workgroup or Domain Advanced Settings Telephony Regional Settings Languages Browser and Shell Settings Installation Folder Install Printers Run Once Additional Commands 	Additional Commands You can add commands that will automatically run at the end of unattended Setup. You can run any command that does not require you to be logged on. Type the command in the box below, and then click Add. Command to add:
J	

Type "C:\Deploy\unattend.txt" in the "Path and file name:" field if it is not already displayed.

Click OK.

🐞 Setup Manager	
Setup Manager has created an answer file with the settings you provide file, enter a path and file name. Path and file name:	ed. To save the
C:\Deploy\unattend.txt	Browse
If multiple computer names were specified, Setup Manager also created Depending upon the type of answer file created, Setup Manager might created a sample .bat script.	
OK	Cancel

Click File > Exit.



Step 5

Browse to "C:\Deploy".

Right-click unattend.txt, and then click copy.

Browse to "A:\".

Click File > Paste.

Right-click unattend.txt, and then click rename.

Type **Winnt.sif** as the new file name, and press **Enter**.

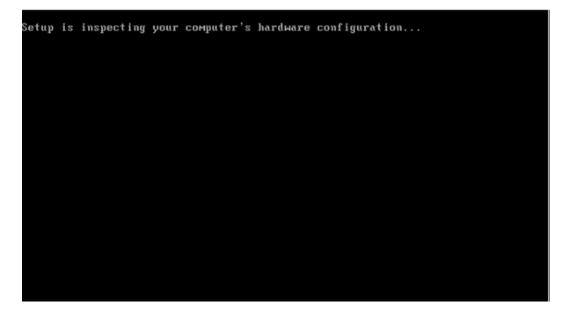
Copy unattend.bat to the floppy disk.

Remove the floppy disk from the floppy drive.

Click Start > Turn Off Computer.

Click Restart.

When the "Press Any Key to Boot from CD" message appears, press any key on the keyboard. Insert the floppy disk. The system will inspect the hardware configuration.



The "Windows Setup" screen appears while the program loads the necessary files.

Windows	Setup

The "Welcome to Setup" screen appears. Press Enter.



The "Windows XP Licensing Agreement" screen appears.

Press F8.

Windows XP Licensing Agreement
Microsoft(r) Windows(r) XP Professional
END-USER LICENSE AGREEMENT
IMPORTANT-READ CAREFULLY: This End-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single legal entity) and the manufacturer ("Manufacturer") of the computer system or computer system component ("HARDWARE") with which you acquired the Microsoft software product(s) identified above ("SOFTWARE"). The SOFTWARE includes Microsoft computer software, and may include associated media, printed materials, "online," or electronic documentation and Internet based services. Note, however, that any software, documentation, or web services that are included in the SOFTWARE, or accessible via the SOFTWARE, and are accompanied by their own license agreements or terms of use are governed by such agreements rather than this EULA. The terms of a printed, paper EULA, which may accompany the SOFTWARE, supersede the terms of any on-screen EULA. This EULA is valid and grants the end-user rights ONLY if the SOFTWARE is genuine and a genuine Certificate of Authenticity for the SOFTWARE is included. For more information on identifying whether your software is genuine, please see http://www.microsoft.com/piracy/howtotell. By installing, copying, downloading, accessing or otherwise using the SOFTWARE, you agree to be bound by the terms of this EULA.
F8=I agree ESC=I do not agree PAGE DOWN=Next Page

Windows XP Professional Setup will search to determine if another operating system already exists on the hard drive.

Windows XP Professional Setup
Searching for previous versions of Microsoft Windows

Press ESC.

Windows XP Professional Setup
If one of the following Windows XP installations is damaged, Setup can try to repair it.
Use the UP and DOWN ARROW keys to select an installation.
 To repair the selected Windows XP installation, press R.
 To continue installing a fresh copy of Windows XP without repairing, press ESC.
C:\WINDOWS "Microsoft Windows XP Professional"
F3=Quit R=Repair ESC=Don't Repair

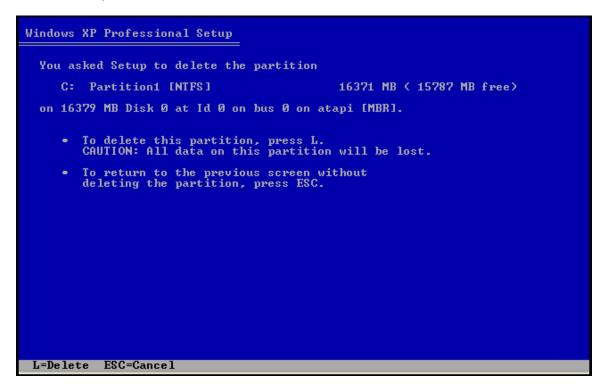
Press the **D** key.

Windows XP Professional Setup	
The following list shows the existing par unpartitioned space on this computer.	rtitions and
Use the UP and DOWN ARROW keys to select	an item in the list.
• To set up Windows XP on the select	ed item, press ENTER.
• To create a partition in the unpar	titioned space, press C.
 To delete the selected partition, 	press D.
16379 MB Disk 0 at Id 0 on bus 0 on atap	i [MBR]
C: Partition1 [NTFS] Unpartitioned space	16371 MB (15787 MB free) 8 MB
ENTER=Install D=Delete Partition F3=Qui	t

Press Enter.

Windows XP Professional Setup
The partition you tried to delete is a system partition.
System partitions may contain diagnostic or hardware configuration programs, programs to start operating systems (such as Windows XP), or other manufacturer-supplied programs.
Delete a system partition only if you are sure that it contains no such programs or if you are willing to lose them. Deleting a system partition may prevent your computer from starting from the hard disk until you complete installation of Windows XP.
 To delete this partition, press ENTER. Setup will prompt you for confirmation before deleting the partition.
 To go back to the previous screen without deleting the partition, press ESC.
ENTER=Continue ESC=Cancel

Press the L key.



Press the C key.

Windows XP Professional Setup
The following list shows the existing partitions and unpartitioned space on this computer.
Use the UP and DOWN ARROW keys to select an item in the list.
 To set up Windows XP on the selected item, press ENTER.
 To create a partition in the unpartitioned space, press C.
• To delete the selected partition, press D.
16379 MB Disk Ø at Id Ø on bus Ø on atapi [MBR]
Unpartitioned space 16379 MB
ENTER=Install C=Create Partition F3=Quit

Type **5000** in the "Create partition of size <in MB>:" field.

Press the Enter key.

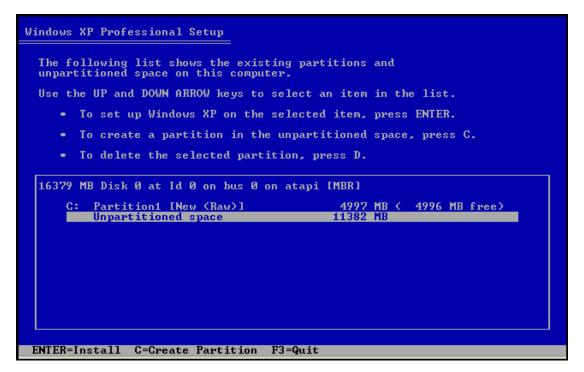
Windows XP Professional Setup
You asked Setup to create a new partition on 16379 MB Disk 0 at Id 0 on bus 0 on atapi [MBR].
 To create the new partition, enter a size below and press ENTER.
 To go back to the previous screen without creating the partition, press ESC.
The minimum size for the new partition is 8 megabytes (MB). The maximum size for the new partition is 11374 megabytes (MB). Create partition of size (in MB): <mark>5000</mark>
ENTER=Create ESC=Cancel

Press the down arrow key to select "Unpartitioned space".

Press the **C** key.

Create another partition of 5000 MB.

Repeat this process one more time. You will have three partitions of 5000 MB each.



Select C: Partition1 and press the Enter key.

Windows XP Professional Setup
The following list shows the existing partitions and unpartitioned space on this computer.
Use the UP and DOWN ARROW keys to select an item in the list.
 To set up Windows XP on the selected item, press ENTER.
 To create a partition in the unpartitioned space, press C.
• To delete the selected partition, press D.
16379 MB Disk Ø at Id Ø on bus Ø on atapi [MBR]
C: Partition1 [New (Raw)] 4997 MB (4996 MB free) E: Partition2 [New (Raw)] 4997 MB (4996 MB free) F: Partition3 [New (Raw)] 4997 MB (4996 MB free) Unpartitioned space 1381 MB Unpartitioned space 8 MB
ENTER=Install D=Delete Partition F3=Quit

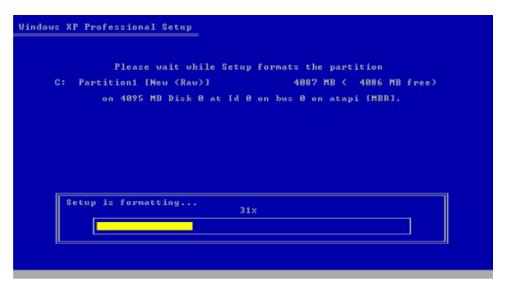
Select "Format the partition using the NTFS file system".

Do not select ""Format the partition using the NTFS file system <Quick>".

Press the Enter key.



The "Please wait while Setup formats the partition" screen appears.



The system will restart automatically.

After the system restarts, the message "Press Any Key to Boot from CD" appears.

Do not press any keys.

The installation should continue without prompting you for any settings.

The system will restart automatically.

After the system restarts, the message "Press Any Key to Boot from CD" appears.

Do not press any keys.

The "Welcome to Microsoft Windows" screen appears.

Click Next.



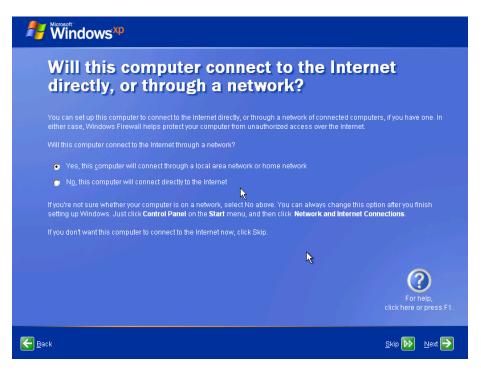
Select the Help protect my PC by turning on Automatic Updates now radio button.

Click Next.



Select the Yes, this computer will connect through the local area network or home network radio button.

Click Next.



Select the No, not at this time radio button, and then click Next.

Windows ^{xp}	
Ready to register with Microsoft?	
Register online with Microsoft, and we'll notify you of new products, product updates, events, promotions, and special offers that you may be interested in. Registration is optional.	
Are you ready to register online with Microsoft? Ýes, ľú like to register with Microsoft now Ng. not at this time	
Microsoft is committed to protecting your privacy and does not share your information. Show me <u>the Windows Registration Privacy Statement</u>	
For help, click here or press	F1.
Eack Next	

Type the name provided by your instructor in the "Your name:" field.

Click Next.

🐉 Windows ^{xp}		
Who will use	this computer?	
Type the name of each person who will use this computer. Windows will create a separate user account for each person so you can personalize the way you want Windows to organize and display information, protect your files and computer settings, and customize the desktop.		
	Bob	
	k line in the second seco	
These names will appear on the Welcome screen in alphabetical order. When you start Windows, simply click your name on the Welcome screen to begin. If you want to set passwords and limit permissions for each user, or add more user accounts after you finish setting up Windows, just click Control Panel on the Start menu, and then click User Accounts .		
	(?)	
	For help, click here or press F1.	
Back	Леч 💽	

The "Thank you!" screen appears.

Click	Finish.
.	Windows ^{xp}

Normal Windows NP
Thank you!
Congratulations, you're ready to go! Here's what you just accomplished:
Your computer is configured for Internet access.
To learn about the exciting new features of Windows XP, take the product tour. You can also find useful information in the Help and Support Center. These options are located on the Start menu.
₩
For help, click here or press F1.
Einish 🔁

What was the name of the file used to automate the installation located on the floppy disk?

How do you think automating the installation will help the IT Department if they have to repeat the procedure on 100 computers?