

## Lab 5.5.2: Windows OS Installation

**Estimated time:** 60 Minutes

### Objective

Upon completion of this lab, you will be able to install Windows 98.

### Equipment

The following equipment is required for this exercise:

- A computer with a partitioned and formatted hard drive
- A bootable floppy disk with CD-ROM drivers or a bootable CD-ROM drive
- Windows 98 Second Edition Install CD

### Scenario

You have a friend that has a computer, but is not sure how to install an operating system. Luckily, you have a deeper knowledge of computers than your friend does and have offered to help him out.

### Procedures

In order for a computer to be useful, it needs an operating system installed. The most commonly used operating system is Microsoft Windows. This exercise will take about an hour to complete. Follow the steps below to install Windows 98.

**Note:** The same procedures may be used to install other versions of Windows. However, there may be some significant differences during the setup process.

#### Step 1

Depending on whether or not the computer supports bootable CDs, you will need to insert a bootable floppy disk with CD-ROM support in order to get started. If the computer supports bootable CDs, simply insert the Windows 98 Installation CD and boot the computer. If a message appears on the screen to press any key in order to boot from the CD, press any key to get started.

#### Step 2

If you are in a situation in which you need to boot from a floppy disk, insert the disk and turn your computer on. Once the computer has booted, there should be a DOS prompt that looks like this: A:\>. To begin the installation, change the directory to your CD-ROM drive by typing "D:" then press enter. Then type "setup" and press enter to begin the installation.

**Note:** The CD-ROM drive letter might be different in your computer, so make any necessary adjustments.

#### Step 3

The Microsoft Windows 98 Setup screen will display a few different options:

- To set up Windows now press ENTER.
- To learn more about Setup before continuing, press F1.
- To quit Setup without installing Windows, press F3.
- Press Enter to install Windows 98.

#### Step 4

Prior to the installation, Windows Setup needs to run Scandisk in order to make sure there are not any problems with the hard drive. Press Enter to continue and wait for the graphical setup interface to display.

Once the Windows 98 Setup screen displays, most of the installation will be automated. However, the following steps will walk you through the areas that require information to be gathered.

#### Step 5

After Windows Setup runs Scandisk, you will be presented with a series of prompts that will lead you through the installation process. When the Windows 98 Setup Wizard displays you will need to select the directory where you want to install Windows 98. Select the checkbox that says, "C:\WINDOWS".

Windows will then prepare this directory.

#### Step 6

Next, a series of "Setup Options" will be prompted for the installation of Windows 98.

What are the available options available for installing Windows 98?

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For the purpose of this lab, select **Typical** and then press **Next**.

#### Step 7

Windows will then prompt you with options for installing system components. Select the check box to install the most common components and then press **Next**.

#### Step 8

Setup will then give you the option to identify your computer.

What parameters can be defined to identify your computer?

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You can either leave the default computer identification or enter your own information.

### Step 9

The Windows 98 Setup Wizard will then ask for your location. Make the appropriate selection and continue.

### Step 10

Setup will then prompt you to "Start Copying Files". Press **Next** to continue.

### Step 11

At this point, a bar graph will appear and begin to count up to 100%. Speed will vary with system hardware. Carefully read the software license. Select **Yes** to agree with the license. Windows Setup will then prompt for the CD-KEY. This information will be with the Certificate of Authenticity on the CD case.

Enter the key exactly and click **Next** to continue. Click **Finish** to start using Windows 98.

### Step 12

Windows will run through a series of automatic hardware detection features. This process of detecting hardware will usually take a few minutes. When Windows finishes detecting your hardware, select date and time properties. Continue through the Setup and when prompted reboot the machine.

### Step 13

This should successfully complete the installation of Windows 98.

## Troubleshooting

It is possible for Windows Setup to not finish the installation properly. If for some reason there is a problem, try running setup again. Additional help and resources are available on Microsoft's web site at [www.microsoft.com](http://www.microsoft.com).

## Reflection

Did the Windows installation complete successfully? \_\_\_\_\_

If you needed to install Windows on another system, do you feel confident that you would be able to? \_\_\_\_\_

Make note of any tips or tricks you may have learned during the installation: