Installing the Cisco 200 Software

This chapter describes how to install and configure the Cisco 200 software using INSTALL.EXE, Cisco's DOS-based installation program.

Note   The operating system you use to **install** the Cisco 200 software (DOS) is unrelated to the operating system you use to **run** the software (DOS, Windows 3.1, or Windows for Workgroups 3.11).

This chapter contains the following sections:

- Before You Start
- Running INSTALL.EXE
- What to Do Next
- Reinstalling the Cisco 200 Software

Before You Start

Before you run INSTALL.EXE, you should complete the following:

- Installation Worksheet—Have your system administrator fill out the Cisco 200 Software Installation Worksheet in this chapter. You will need a completed copy of this worksheet to install the Cisco 200 software.

- ISDN Adapter—Configure and install the Cisco 200 ISDN Adapter according to the instructions in the *Cisco 200 ISDN Adapter Hardware Installation and Configuration Guide.*

- Windows—If you will be using the Cisco 200 in Windows for Workgroups 3.11, install the Windows software **without** network support. Refer to the Microsoft documentation.

- NetWare VLMs—If you will be using NetWare VLMs, install the Novell NetWare client software with Windows support according to the instructions in the NetWare documentation. (If you do not know whether you will be using NetWare VLMs, ask your system administrator.)

- Working Disk—If you have not already done so, make a working copy of the Cisco 200 disk and store the original. To ensure that all labels and subdirectories are properly copied, use the **DISKCOPY** command:

  ```
  DISKCOPY a: a: /v
  ```

  The **/v** switch verifies the copies as they are made. Change the original (source) disk to the destination disk when you are prompted. When you finish copying, store the original disk in a safe place.

Planning Remote Installations

The Cisco 200 Software Installation Worksheet is provided for the system administrator to complete and send to the operator(s) who will be installing and configuring the Cisco 200 at the remote sites. The worksheet indicates the selections you should make when running the INSTALL.EXE utility, and provides space for instructions on modifying the ISDN200.CFG or NET.CFG file if necessary.

Cisco 200 Software Installation Worksheet

The Cisco 200 Software Installation Worksheet (see Table 2-1) lists the information you should have available before you install and configure the Cisco 200 software. Make a copy of the worksheet and have your system administrator fill it out for your network configuration. Place the completed worksheet in your Site Log.

Table 2-1   Cisco 200 Software Installation Worksheet

Cisco 200 Software Installation Worksheet
Contact Information System administrator name _____
System administrator telephone _____
Operator name _____
Operator telephone _____
Local Site Installation drive and directory name _____
Node MAC address[1] _____
Local system name (case sensitive)[2] _____
ISDN Protocol[3] European protocol   **DSS1**   • Name

North American protocols   **NI1**
                                • Name _____
                                • SPID 1 _____
                                • Directory 1 _____
                                • SPID 2 _____
                                • Directory 2 _____
 	
                            5ESS Point-to-Point _____
                                • SPID _____
 	
                            5ESS Multipoint _____
                                • SPID _____

Connecting Router(s)[4] Connecting router name[5] _____
Connecting router telephone number[6] _____
Connecting router ISDN line speed   ☐ 56 kbps (112 kbps when using PPP multilink)[7]   ☐ 64 kbps (128 kbps when using PPP multilink)

NM2707

Table 2-1   Cisco 200 Software Installation Worksheet (Continued)

Cisco 200 Software Installation Worksheet (Continued)
Network Protocols   ❏ IP   ❏ IPX   ❏ Bridging
CHAP (Challenge Handshake Authentication Protocol)[8]   Using CHAP?   ❏ Yes   ❏ No   CHAP password[9]_____   ❏
PPP Multilink   Use PPP Multilink?   ❏ Yes   ❏ No
PPP Callback   Use PPP Callback?   ❏ Yes   ❏ No
ISDN200.CFG and NET.CFG File Modifications[10]   Modify the ISDN200.CFG file?   ❏ Yes   ❏ No   Modify the NET.CFG file?   ❏ Yes   ❏ No

NM2708

1. Addresses must be no more than 12 hexadecimal characters: they can include a combination of numbers (1-9, 0) and letters (A-F). **Each node MAC address must be unique.** You should designate 00 to be the first two characters in order to avoid confusion with a broadcast address.
2. Your Cisco 200 workstation. If connected to a Cisco router using Challenge Handshake Authentication Protocol (CHAP), this name must be identical to the "username" configured on the router.
3. D-channel protocol and parameters of the ISDN switch to which the Cisco 200 is connected.
4. Duplicate this page if you have two or more connecting routers. You must specify the variable information below for each connecting router.
5. If connected to a Cisco router using Challenge Handshake Authentication Protocol (CHAP), this name must be identical to the "hostname" configured on that router.
6. Be sure to include all digits necessary to connect to the router (country code, area code, international access, long distance access, public access, etc.)
7. When the Cisco 200 for DOS, Windows 3.1, and Windows for Workgroups 3.11 is connected to a Cisco router using dial-on-demand routing, CHAP must be configured on both ends.
8. The CHAP password must be identical to the password entered in the router after the username.
9. If yes, attach additional sheet listing required modifications.

Running INSTALL.EXE

The INSTALL.EXE utility installs the Cisco 200 software. INSTALL.EXE simplifies the process of installing and configuring the Cisco 200 within the DOS environment.

To install the Cisco 200 software, complete the following tasks:

- Starting the Installation

- Selecting the Installation Drive and Directory

- Creating the NET.CFG File

- Creating the ISDN200.CFG File

- Selecting the ISDN Protocol

- Configuring the Connecting Router

- Completing the Installation

Starting the Installation

To install the Cisco 200 software for the first time, follow the steps in this section.

Note If you have previously installed the Cisco 200 software, and now want to modify your configuration files, see the section "What to Do Next" later in this chapter, or see the appendix "Modifying the Cisco 200 Configuration Files."

The NET.CFG and ISDN200.CFG configuration files cannot be changed using the INSTALL.EXE program. The program is designed this way so you can install future software upgrade(s) without repeating the entire configuration procedure.

Note When you are instructed to select a menu item, press one of the arrow keys until the item you want is highlighted. The up arrow key moves the highlight up the list one item at a time; the down arrow key moves it down the list one item at a time. When the item you want to select is highlighted, press **Enter**.


Step 1   Insert the working copy of the Cisco 200 disk containing INSTALL.EXE into the disk drive of your PC.

Step 2   Change to the drive where the disk is inserted and enter the following command at the prompt:

INSTALL

The Welcome dialog box appears.

Step 3   Press any key to continue. The Installation Option dialog box appears. See Figure 2-1. Highlight the "Install Cisco 200" option and press **Enter**.

Figure 2-1   **Installation Option Dialog Box**
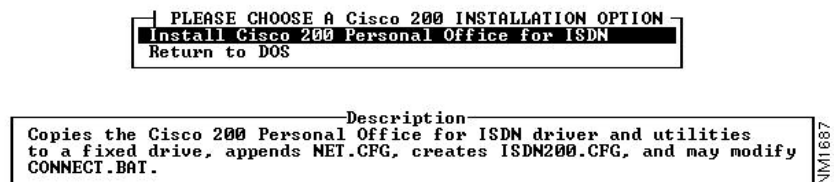
The Select Installation Drive dialog box appears. See Figure 2-2.

Figure 2-2   **Select Installation Drive Dialog Box**

Selecting the Installation Drive and Directory

Step 1   Select the drive where you want to install the Cisco 200 files and press **Enter.** INSTALL.EXE detects how much space is currently available on your hard drive(s) and displays this information.

Note   The installation directory must be the directory that contains the NetWare Client files.

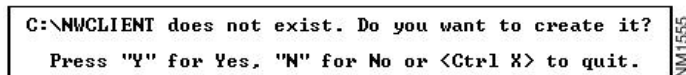The Select Installation Directory dialog box appears. See Figure 2-3.

Figure 2-3   **Select Installation Directory Dialog Box**


```
        PLEASE CHOOSE YOUR INSTALLATION DIRECTORY
                    (USE A FIXED DRIVE)

[C:\NWCLIENT_                                              ]
```

INSTALL.EXE will select C:\NWCLIENT as the default directory, whether or not you have installed the NetWare Client files in the standard NetWare directory.

Step 2   Either accept the default, or enter a different directory name and press **Enter**.

If the directory you enter does not exist, you are prompted to create a new directory. The Create Installation Directory dialog box displays. See Figure 2-4.

Figure 2-4   **Create Installation Directory Dialog Box**


```
C:\NWCLIENT does not exist. Do you want to create it?

  Press "Y" for Yes, "N" for No or <Ctrl X> to quit.
```

Step 3   To create a new directory, select **Yes**.

If you select **No,** the dialog box in Figure 2-3 will redisplay, allowing you to change the directory name.

Step 4   After you enter the name of the correct installation directory, press **Y** to create the new directory.

Note   If you have previously installed the Cisco 200 software in the directory you have just selected, dialog boxes will appear informing you that NET.CFG and ISDN200.CFG files already exist in the Cisco 200 directory. These files cannot be changed using the INSTALL.EXE program. The program is designed this way so you can install future software upgrade(s) without repeating the entire configuration procedure.
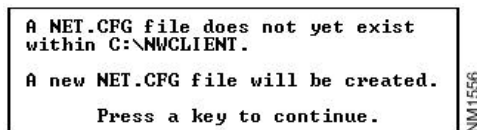
Press any key to exit from each of these messages. Proceed with the section "Completing the Installation" later in this chapter.

If you want to modify the NET.CFG and ISDN200.CFG files, see the section "What to Do Next," later in this chapter, or see the appendix "Modifying the Cisco 200 Configuration Files."

The Create NET.CFG dialog box appears. See Figure 2-5.

Figure 2-5   Create NET.CFG Dialog Box


```
A NET.CFG file does not yet exist
within C:\NWCLIENT.

A new NET.CFG file will be created.

       Press a key to continue.
```
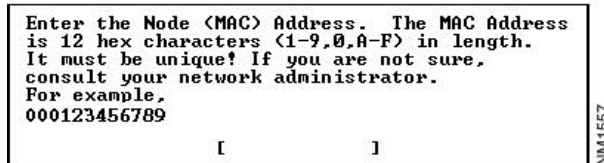
Creating the NET.CFG File

Step 1   The Create NET.CFG dialog box indicates that INSTALL.EXE has not detected a NET.CFG file in the Cisco 200 directory. Press any key to create a NET.CFG file.

The node Media Access Control (MAC) Address dialog box appears. See Figure 2-6.

Figure 2-6   Node Media Access Control (MAC) Address Dialog Box

```
Enter the Node (MAC) Address.  The MAC Address
is 12 hex characters (1-9,0,A-F) in length.
It must be unique! If you are not sure,
consult your network administrator.
For example,
000123456789

                  [            ]
```

Step 2   Enter a node MAC address. The MAC address consists of 12 hexadecimal characters (0 through 9 and A through F). In this chapter, 000123456789 is the example node MAC address.

Note   Each node MAC address must be unique. The node MAC address is assigned by your system administrator. If you are unsure what your node MAC address is, consult your Cisco 200 Software Installation Worksheet or your system administrator.
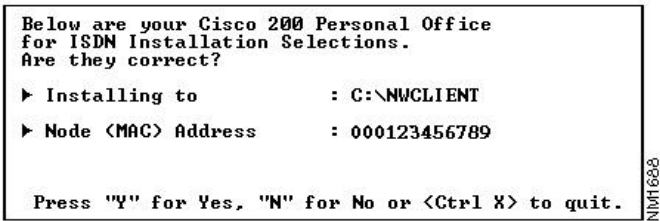

If you enter an invalid character, the invalid node MAC address dialog box appears (see Figure 2-7). Reenter the node MAC address.

Figure 2-7   Invalid Node MAC Address Dialog Box

If the node MAC address is valid, the Installation Selections Confirmation dialog box appears. See Figure 2-8.

Figure 2-8   Installation Selections Confirmation Dialog Box

Step 3   If the selections are correct, enter **Y** to accept. Enter **N** to return to the previous display and enter the correct information.

If you enter **Y**, the NET.CFG Created dialog box displays (see Figure 2-9). Press any key to continue.

Figure 2-9   NET.CFG Created Dialog Box
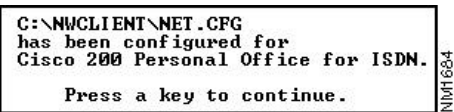
Creating the ISDN200.CFG File
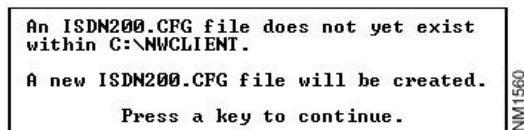
The ISDN200.CFG Creation dialog box displays. See Figure 2-10. This indicates that INSTALL.EXE has not detected an existing ISDN200.CFG file in the selected directory.
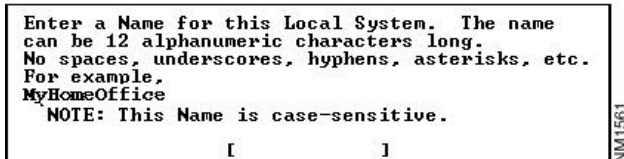
Step 1   Press any key to continue.

Figure 2-10   **ISDN200.CFG Creation Dialog Box**

```
An ISDN200.CFG file does not yet exist
within C:\NWCLIENT.

A new ISDN200.CFG file will be created.

        Press a key to continue.
```
NM1560

The Local System Name dialog box appears. See Figure 2-11.

Figure 2-11   **Local System Name Dialog Box**

```
Enter a Name for this Local System.  The name
can be 12 alphanumeric characters long.
No spaces, underscores, hyphens, asterisks, etc.
For example,
MyHomeOffice
   NOTE: This Name is case-sensitive.
                    [              ]
```
NM1561

Step 2   Enter the local system name assigned by your system administrator. Follow these guidelines:

- Any combination of alphanumeric characters

- Case sensitive

- No underscores (_), hyphens (-), asterisks (*), or spaces

Step 3   Press **Enter**. If you entered any invalid characters, an error message will appear and you must enter the local system name again.

The ISDN D-Channel Protocol Dialog Box appears. See Figure 2-12.

Figure 2-12   ISDN D-Channel Protocol Dialog Box

```
┌──────┤ ISDN D-Channel Protocol ├──────┐
│NI-1 (North American National ISDN 1)  │
│5ESS Point-to-Point (AT&T Custom)      │
│5ESS Multipoint (AT&T Custom)          │
│DSS-1 (Euro-ISDN, E-ISDN, NET3)        │
└───────────────────────────────────────┘
```
NM1562
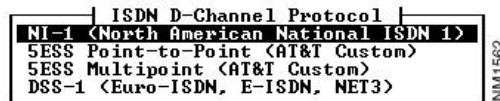
Selecting the ISDN Protocol

Step 1   Select the type of ISDN D-channel protocol used by your ISDN carrier. Verify your ISDN switch protocol on the Cisco 200 Software Installation Worksheet.

Note   The Cisco 200 must be configured to use the appropriate D-channel protocol, **not** the switch type.

ISDN switches are a particular switch type, such as DMS-100, 5ESS, and Siemens EWSD. These switches can use different D-channel protocols, such as NI1, Custom 5ESS Point-to-Point, Custom 5ESS Multipoint, and DSS1.

If your switch is not configured for one of these D-channel protocols, have your carrier reconfigure the ISDN circuit to one of the listed D-channel protocols.

Step 2   Press **Enter**. Based on the protocol you selected, proceed to the appropriate section in the text that follows:

North American ISDN Protocols:

- NI1— Proceed with "Configuring the NI1 SPID(s)."
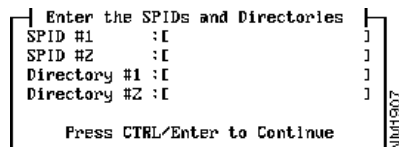
- 5ESS— Proceed with "Configuring the 5ESS SPID."

European ISDN Protocols:

- DSS1— Proceed with "Configuring the Connecting Router."

Configuring the NI1 SPID(s)

Step 1   If you selected NI1, the NI1: SPID and Directory Entry dialog box appears. See Figure 2-13.

Figure 2-13   **NI1: SPID and Directory Entry Dialog Box**

Enter the SPID and directory numbers listed on your Cisco 200 Software Installation Worksheet. Use the **Enter** key to move through the data entry lines. Press **Ctrl+Enter** when you finish entering SPID information.

Note   You must enter at least one SPID and its directory. If you are configuring only one SPID, however, leave the lines for the second SPID and directory blank.

Step 2   The Local Computer Configuration Confirmation dialog box appears. See Figure 2-14. Enter **Y** to accept the local computer configuration as shown; enter **N** to reject this configuration and make changes to it.

Figure 2-14   Local Computer Configuration Confirmation Dialog Box

```
Below are your Cisco 200 Personal Office for ISDN Local
Computer Installation Selections. Are they correct?

▶ Installing to C:\NWCLIENT

▶ This Local Name        :  MyHomeOffice
▶ D-Channel Protocol     :  NI1
▶ SPID #1                :  7145551111100
▶ SPID #2                :  7145551112200
▶ Directory #1           :  5551111
▶ Directory #2           :  5551112

    Press "Y" for Yes, "N" for No or <Ctrl X> to quit.
```
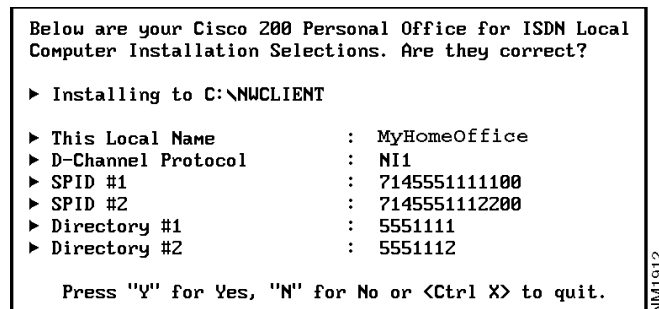
The ISDN200.CFG Local Configuration dialog box displays. See Figure 2-15.

Figure 2-15   ISDN200.CFG Local Configuration Dialog Box

```
C:\NWCLIENT\ISDN200.CFG has
been configured for the Local Computer
used for Cisco 200 Personal Office for ISDN.

        Press a key to continue.
```
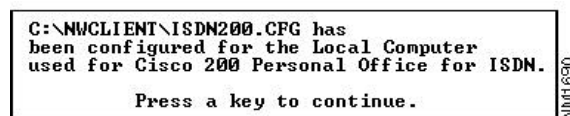
Step 3   Press any key to continue. Proceed to the section "Configuring the Connecting Router" later in this chapter.

Configuring the 5ESS SPID

If you selected 5ESS (Point-to-Point or Multipoint), the 5ESS: SPID Entry dialog box appears. See Figure 2-16.

Figure 2-16   5ESS: SPID Entry Dialog Box

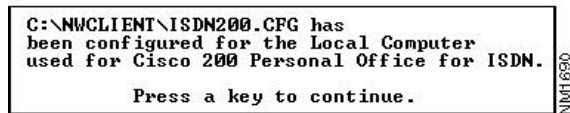**Step 1**   Enter the SPID number listed on your Cisco 200 Software Installation
Worksheet.

Step 2   Press **Ctrl**+**Enter**. The ISDN200.CFG Local Configuration Dialog Box
displays. See Figure 2-17. Press any key to continue.

Figure 2-17   ISDN200.CFG Local Configuration Dialog Box


```
C:\NWCLIENT\ISDN200.CFG has
been configured for the Local Computer
used for Cisco 200 Personal Office for ISDN.

        Press a key to continue.
```

Proceed with the next section, "Configuring the Connecting Router."

Configuring the Connecting Router

You are now prompted for the parameters for the connecting routers. The Connecting
Router Name dialog box displays. See Figure 2-18.

Figure 2-18   Connecting Router Name Dialog Box

```
Enter a Name for the connecting router.  The name
can be 12 alphanumeric characters long.
No spaces, underscores, hyphens, asterisks, etc.
For example,
HEADQUARTERS
  NOTE: This Name is case-sensitive.
                   [              ]
```
NM1565
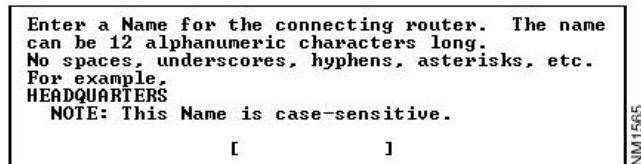
Step 1   Enter the name of the connecting router as provided by your system administrator.
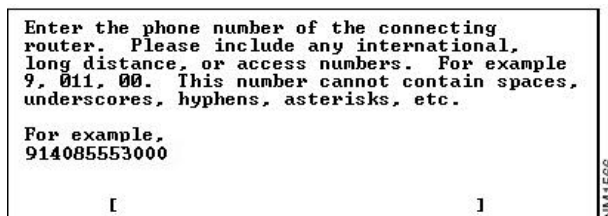
The connecting router is the router or PC to which you will be sending data. Follow these guidelines:

- Up to 12 alphanumeric characters

- Case sensitive

- No underscores (_), hyphens (-), asterisks (*), or spaces

In this document, Headquarters is the example connecting router name. Press **Enter** when you have entered the connecting router name. If you enter an invalid name, an error message will appear and you must enter the connecting router name again.

The Connecting Router Telephone Number dialog box displays. See Figure 2-19.

Figure 2-19   Connecting Router Telephone Number Dialog Box

```
Enter the phone number of the connecting
router.  Please include any international,
long distance, or access numbers.  For example
9, 011, 00.  This number cannot contain spaces,
underscores, hyphens, asterisks, etc.

For example,
914085553000

            [                              ]
```
NM1566

Step 2 Enter the telephone number of the connecting router and press **Ctrl+Enter**. The number should include in a single string all numbers necessary to dial the remote router, including:

- International access code
- Long-distance access code
- Public access code
- Signalling system 7 code
- Country code
- Area code
- Seven-digit telephone number (North America)
- Subscriber/extension (Europe)

Note Do not separate the numbers with spaces, hyphens, or any nonnumeric character. If you do so, an error message will appear and you will be asked to reenter the number. In this chapter, 914085553000 is the example connecting router telephone number.

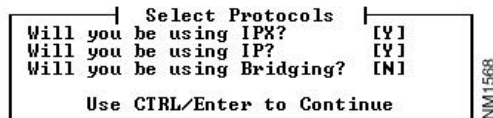The ISDN Line Speed dialog box displays. See Figure 2-20.

Figure 2-20   ISDN Line Speed Dialog Box

Step 3 Select the speed of the connecting router's ISDN line. The default is 64 or 128 kbps.

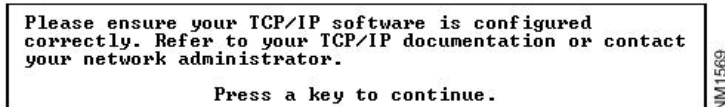The Protocol Selection dialog box displays. See Figure 2-21.

Figure 2-21   Protocol Selection Dialog Box

```
                ┤  Select Protocols  ├
   Will you be using IPX?       [Y]
   Will you be using IP?        [Y]
   Will you be using Bridging?  [N]

        Use CTRL/Enter to Continue
```
NM1568

Step 4   Select the network protocol(s) you use and press **Ctrl+Enter.**

If you selected IP as one of the protocol types, the TCP/IP dialog box displays.
See Figure 2-22.

Figure 2-22   TCP/IP Dialog Box

```
   Please ensure your TCP/IP software is configured
   correctly. Refer to your TCP/IP documentation or contact
   your network administrator.

                   Press a key to continue.
```
NM1569

Step 5   Read the dialog box, then press any key to continue. The Authentication
(CHAP) dialog box displays. See Figure 2-23.

Figure 2-23   Authentication (CHAP) Dialog Box

```
   Will you be using Authentication (CHAP)?

   Note: If you are not sure, contact your
   network administrator.

    Press "Y" for Yes, "N" for No or <Ctrl X> to quit.
```
NM1570
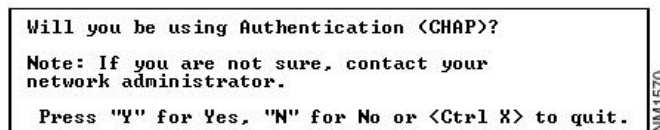
Step 6   If you will be using the Challenge Handshake Authentication Protocol (CHAP),
enter **Y**. The Authentication (CHAP) Password dialog box displays. See
Figure 2-24.

If you will not be using CHAP, enter **N** and proceed with the next section, "Completing the Installation."

Figure 2-24   Authentication (CHAP) Password Dialog Box

```
Enter the CHAP authentication password:

Note: This password is case-sensitive.

   [                              ]
```
NM1571
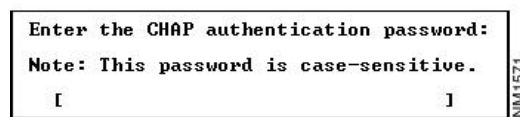
Step 7   Enter the CHAP password provided by your system administrator.

The CHAP password is case-sensitive and must match exactly the password on the connecting router.

If you answered **Y** in Step 6 but do not enter a valid password, the Reenter (CHAP) Password dialog box displays. See Figure 2-25.

Figure 2-25   Reenter (CHAP) Password Dialog Box

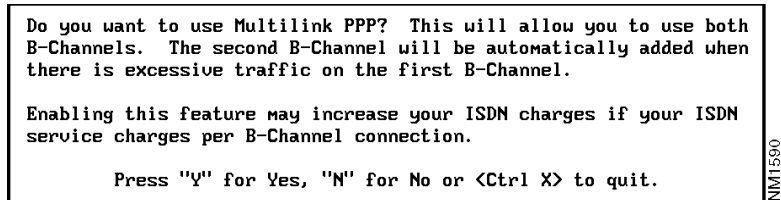**Step 8**   Reenter the CHAP password and press **Enter.**

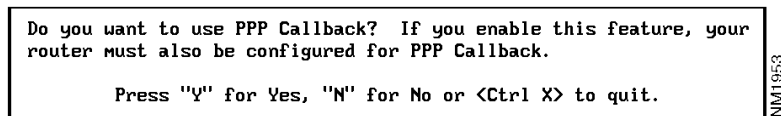The Do You Want to Use PPP Multilink dialog box appears. See Figure 2-26.

Figure 2-26   Do You Want to Use PPP Multilink Dialog Box

```
Do you want to use Multilink PPP?  This will allow you to use both
B-Channels.   The second B-Channel will be automatically added when
there is excessive traffic on the first B-Channel.

Enabling this feature may increase your ISDN charges if your ISDN
service charges per B-Channel connection.

          Press "Y" for Yes, "N" for No or <Ctrl X> to quit.
```
NM1590

Step 9   Read the information in the Do You Want to Use PPP Multilink dialog box. If you want to use PPP multilink, press **Y;** otherwise, press **N.**

The Do You Want to Use PPP Callback dialog box appears. See Figure 2-27.

Figure 2-27   Do You Want to Use PPP Callback Dialog Box

```
Do you want to use PPP Callback?  If you enable this feature, your
router must also be configured for PPP Callback.

          Press "Y" for Yes, "N" for No or <Ctrl X> to quit.
```
NM1953

Step 10   If you want to use PPP callback, which allows for centralized billing and increased security, press **Y;** otherwise, press **N.**

Note   If you use PPP callback, remote users will be restricted to dialing in from a specific telephone number.

The Connecting Router Selections Confirmation dialog box displays. See Figure 2-28.
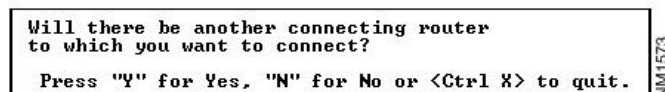
Figure 2-28   Connecting Router Selections Confirmation Dialog Box

Step 11   Enter **Y** to confirm your choices for this connecting router, or enter **N** to reenter the connecting router information.

If you entered **Y**, the Configure Another Connecting Router dialog box displays. See Figure 2-29.

Figure 2-29   Configure Another Connecting Router Dialog Box

Step 12   Enter **Y** to configure another connecting router, or enter **N** if you have configured all connecting routers for this ISDN line.

Step 13   If you entered **Y**, repeat Step 2 through Step 12 to enter all the connecting routers or PCs you will be dialing using this ISDN line.

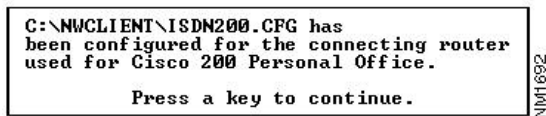After you finish configuring connecting routers, enter **N**.

> **Note** To add or delete connecting routers later, see the section "What to Do
> Next," later in this chapter.

Step 14 When you finish configuring all connecting routers, a message similar to that in
Figure 2-30 will display. Press any key to continue.

**Figure 2-30   ISDN200.CFG for Connecting Router Configuration Notice Dialog
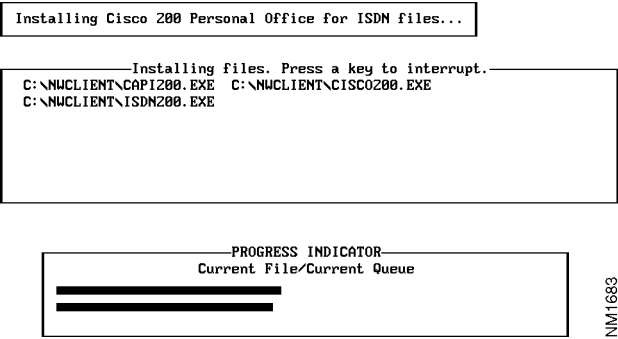Box**


```
C:\NWCLIENT\ISDN200.CFG has
been configured for the connecting router
used for Cisco 200 Personal Office.

        Press a key to continue.
```

Completing the Installation

Step 1 The Installing Files Progress dialog box displays, as shown in Figure 2-31, while
INSTALL.EXE copies all necessary files into the designated directory.

Figure 2-31 **Installing Files Progress Dialog Box**

```
┌────────────────────────────────────────────────────────┐
│Installing Cisco 200 Personal Office for ISDN files...  │
└────────────────────────────────────────────────────────┘

        ┌─────────Installing files. Press a key to interrupt.─────────┐
        │C:\NWCLIENT\CAPI200.EXE  C:\NWCLIENT\CISCO200.EXE             │
        │C:\NWCLIENT\ISDN200.EXE                                       │
        │                                                             │
        │                                                             │
        │                                                             │
        └─────────────────────────────────────────────────────────────┘

        ┌─────────────PROGRESS INDICATOR─────────────┐
        │            Current File/Current Queue       │
        │ ██████████████████████████████████████████  │
        │ ██████████████████████████████              │
        └─────────────────────────────────────────────┘
                                                        NM11683
```
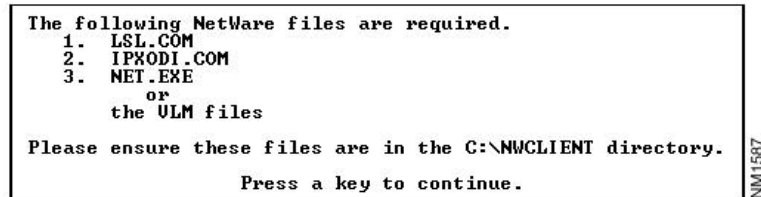
When all files have been copied, the Installation Complete dialog box displays.
See Figure 2-32.

Figure 2-32 **Installation Complete Dialog Box**

```
┌──────────────────────────────────────────┐
│                                          │
│   Software installation complete.        │
│                                          │
│                                          │
│   Press a key to continue.               │
│                                          │
└──────────────────────────────────────────┘
                                            NM1576
```

Step 2 Press any key. The NetWare Client Files Reminder dialog box displays. See
Figure 2-33.

Figure 2-33   NetWare Client Files Reminder Dialog Box

```
The following NetWare files are required.
    1.   LSL.COM
    2.   IPXODI.COM
    3.   NET.EXE
          or
         the ULM files

Please ensure these files are in the C:\NWCLIENT directory.

                 Press a key to continue.
```
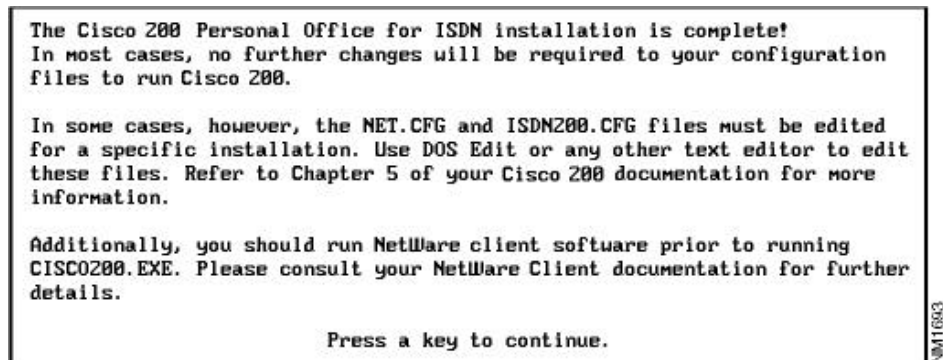
Step 3   Press any key to continue. The Installation Complete dialog box displays. See
Figure 2-34.

Figure 2-34   Installation Complete Dialog Box

```
The Cisco 200 Personal Office for ISDN installation is complete!
In most cases, no further changes will be required to your configuration
files to run Cisco 200.

In some cases, however, the NET.CFG and ISDN200.CFG files must be edited
for a specific installation. Use DOS Edit or any other text editor to edit
these files. Refer to Chapter 5 of your Cisco 200 documentation for more
information.

Additionally, you should run NetWare client software prior to running
CISCO200.EXE. Please consult your NetWare Client documentation for further
details.

                 Press a key to continue.
```
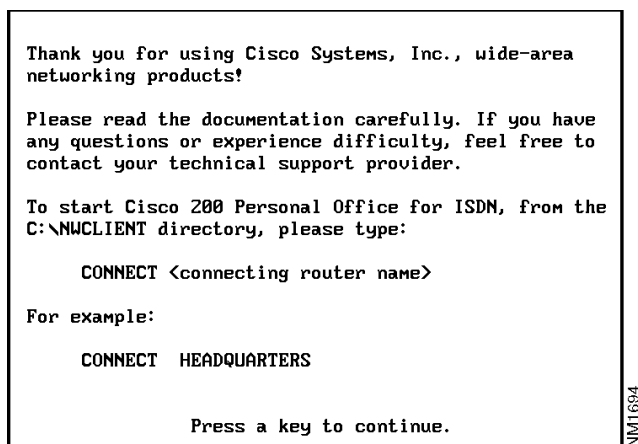
Step 4   Press any key to continue. The Thank You dialog box displays. See Figure 2-35.

Figure 2-35   **Thank You Dialog Box**

```
Thank you for using Cisco Systems, Inc., wide-area
networking products!

Please read the documentation carefully. If you have
any questions or experience difficulty, feel free to
contact your technical support provider.

To start Cisco 200 Personal Office for ISDN, from the
C:\NWCLIENT directory, please type:

     CONNECT <connecting router name>

For example:

     CONNECT  HEADQUARTERS


              Press a key to continue.
```

NM1694

Step 5   Press any key to continue. INSTALL.EXE will take you to the directory in which you installed the Cisco 200 software.

Note   If you are using the NetWare ODI drivers and you did not install the Cisco 200 software and the NetWare Client software into the same directory, copy the NetWare Client files into the Cisco 200 directory.

What to Do Next

You have now completed installation of the Cisco 200 software.

For information on configuring the Cisco 200 software in Windows 3.1 or Windows for Workgroups 3.11, refer to the chapter "Configuring the Cisco 200 Software for Use in Windows."

If you need to modify your Cisco 200 configuration—to add another connecting router for example—see the appendix "Modifying the Cisco 200 Configuration Files."

If you must reinstall the Cisco 200 software using INSTALL.EXE—for example, if you want to install an updated version of the software—follow the procedure described below in "Reinstalling the Cisco 200 Software."

For information on running the Cisco 200, see the chapter "Using the Cisco 200."

Reinstalling the Cisco 200 Software

If you must reinstall the Cisco 200 software using INSTALL.EXE—for example, if you want to install an updated version of the software—use **one** of the following procedures:

- To upgrade your Cisco 200 software, but retain the current configurations outlined in the ISDN200.CFG and NET.CFG files, run INSTALL.EXE and install the Cisco 200 files into the same directory you used in the previous installation. The installation script will not overwrite the ISDN200.CFG and NET.CFG configuration files.

- To reinstall the Cisco 200 software and create new configuration files, follow one of these procedures:

  — Delete the following Cisco 200 files in the installation directory:

    ```
    NET.CFG
    ISDN200.CFG
    ISDN200.EXE
    README.TXT
    ISDNEXP1.EXP
    ISDNEXP2.EXP
    CAPI200.EXE
    CISCO200.EXE
    NETCFG.EXP
    CONNECT.BAT
    DCONNECT.BAT
    ```

    Run INSTALL.EXE again, using the same installation directory name as you did during the previous installation.

  — Run INSTALL.EXE again, but use a different installation directory name.

Note Do not reinstall the Cisco 200 software merely to change configuration parameters or add a connecting router. The NET.CFG and ISDN200.CFG files cannot be modified by simply running INSTALL.EXE again. To add or delete destinations or routers, or edit configuration parameters, use a text editor or word processor that allows you to save the file as ASCII (DOS) text, to edit the NET.CFG and ISDN200.CFG files. See the appendix "Modifying the Cisco 200 Configuration Files" for more information.