

Chapter 4 • Configuring a Connection Document

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Before connecting to a remote network (see [Section 6.1, Using Connection Documents to Connect to Remote Networks](#)), you must properly configure your network connections and create a connection document.

connection document is an InterPPP file you create and configure for the particular modem and remote network you are planning on connecting to. InterPPP uses this file to record your preferences and information such as your IP address and modem type.

InterPPP provides default scripts for generic modem types. If you need to create or modify a CCL script, see [Appendix B, CCL Scripts](#), for more information.

A **CCL script** is a file, stored in the [Extensions](#) folder, that is written in the Connection Control Language and contains information, such as commands, necessary to connect your modem to the remote network.

InterPPP uses connection documents to record the information it needs to connect to the desired remote network. After a connection document is created, configured, and saved, you can double-click the connection document icon to automatically launch InterPPP. InterPPP is then ready to connect using its previously configured parameters.

Before you configure your connection document your network connections must

be properly configured. See [Chapter 3, Configuring Your Network Connections](#) , for more information.

4.1 Creating a New Connection Document

Before connecting to a remote network through InterPPP, you must first create a connection document that configures the PPP system driver for your modem.

To create a connection document:

1. Launch InterPPP by double-clicking the [InterPPP](#) icon.

OR

Select [New Connection...](#) from the [File](#) menu if InterPPP is already running.

- ✓ An untitled connection document is displayed ([Figure 4.1](#)).

[figure 4.1](#) An Untitled Connection Document

2. Specify the authentication parameters for InterPPP by clicking either [No Authentication](#) or [Authenticated User](#).

- Click [No Authentication](#) for InterPPP to allow any user to connect and proceed to [Step 6](#).

OR

- Click [Authenticated User](#) for InterPPP to require authentication (using either PAP or CHAP) before allowing a user to connect. Select this only if your server supports this feature.

The type of authentication InterPPP uses, either PAP or CHAP, is determined in the [PPP Configuration](#) dialog. See [Section 5.2, PPP Configuration](#), for more information.

[PAP \(Password Authentication Protocol\)](#) is a protocol that enables your Macintosh to identify itself to a remote network. After an initial link is established, your Macintosh sends the remote network an ID/Password pair in plain text. If the remote network accepts the pair, the connection is made. If it does not accept it, the connection is dropped.

[HAP \(Challenge-Handshake Authentication Protocol\)](#) is a protocol that enables your Macintosh to identify itself to a remote network. After an initial link is established, the remote network sends a challenge that prompts your Macintosh to calculate a response. If this response matches the response that the remote network calculates, the connection is made. If they do not match, the connection is dropped. CHAP is considered more secure than PAP since no confidential information is passed in plain text.

- ✓ If [Authenticated User](#) is selected, the [Connection Document](#) window changes to include a [Name](#) and [Password](#) field and a [Save my password](#) checkbox ([Figure 4.2](#)).

figure 4.2 A Connection Document with Authentitcation Selected

3. In the [Name](#) field, enter your user name for the server you are connecting to.
 4. In the [Password](#) field, enter your user password for the server you are connecting to. Your password is masked by dots (••••).
 5. Check [Save my password](#) for your password to be saved as part of this connection document.
 6. In the [Phone](#) field, enter the number that the modem is to dial to connect to the remote network.
 7. Check the [Remind me](#) checkbox to be notified of an idle connection. Enter the amount of time in the [minutes](#) field that InterPPP should wait before displaying a reminder.
 8. Select [Save](#) from the [File](#) menu to save the connection document.
- ✓ Apple's standard [Save](#) dialog ([Figure 4.3](#)) is displayed.

Figure 4.3 Apple's Standard Save Dialog

You can save your connection documents anywhere you like. Saving your connection documents on your desktop or in your [InterPPP](#) folder would be especially convenient. If you save your connection document in your [Startup Items](#) folder, you can take advantage of the [Dial on Demand](#) feature of InterPPP.

[Dial on Demand](#) is an InterPPP feature that is active as soon as you turn on your Macintosh. It configures PPP at boot time and starts a connection when you try to access a network service. To implement this feature, save a connection document to the [Startup Items](#) folder in your [System Folder](#). Only one connection document can be located in the [Startup Items](#) folder at a time.

9. Name the connection document, select the location where it is to be saved, and click [Save](#). (Or click [Cancel](#) to close the dialog without saving the document.)
- ✓ The name of the connection document is displayed at the top of the window ([Figure 4.4](#)).

igure 4.4 A Configured Connection Document

10. Configure the modem settings for this connection document by following the procedures in [Section 5.1, Modem Configuration](#).
11. Configure the PPP settings for this connection document by following the procedures in [Section 5.2, PPP Configuration](#).
12. Configure the TCP/IP settings for this connection document by following the procedures in [Section 5.3, TCP/IP Configuration](#).

Many of the configuration dialogs do not have [Cancel](#) buttons to undo undesired changes. If you make changes to the settings of a connection document that you want to undo, close the document without saving the changes. When the document is re-opened, the settings are unchanged.

4.2 Closing a Connection Document without Saving Any Changes

To close a connection document without saving any changes:

1. Click the close box in the upper left hand corner of the [Connection Document](#) window.
- ✓ Apple's standard [Close](#) dialog ([Figure 4.5](#)) is displayed.

figure 4.5 Apple's Standard Close Dialog

2. Click **No** in the **Close** dialog to indicate that no changes are to be saved.

✓ The connection document is closed and no changes are saved.

4.3 Opening and Editing a Connection Document

To open and edit an existing connection document:

1. Select **Open Connection...** from the **File** menu.

✓ Apple's standard **Open File** dialog (Figure 4.6) is displayed.

figure 4.6 Apple's Standard Open File Dialog

2. Select a connection document and click **Open**. (Or click **Cancel** to close

the dialog without opening a connection document.)

✓ The selected document opens (Figure 4.7).

figure 4.7 An Example of an Open Connection Document

3. Follow the procedures in [Section 4.1, Creating a New Connection Document](#), to edit specific parameters for the connection document.
4. Select [Save](#) from the [File](#) menu to save the changes you have made to this connection document. (Or click the close box to close the document without saving any changes.)