



Quick Start Guide for Cisco 800 Fast Step Software

Cisco Fast Step software simplifies the setup and monitoring of Cisco routers. It runs on Microsoft Windows 95, Windows 98, and Windows NT 4.0 personal computer systems. The application is provided with your router on the Cisco Fast Step CD-ROM. It is also available on Cisco Connection Online (CCO). Refer to the *Release Notes for Cisco 800 Series Router* for additional information regarding CCO.

This document contains the following sections:

- Installing Cisco 800 Fast Step Software
- Gathering ISDN Network Information
- Gathering Serial Network Information
- Troubleshooting

Installing Cisco 800 Fast Step Software

To install the software, verify that your network service is installed and that the router is cabled and powered on. Insert the CD-ROM in the back of this guide into your CD-ROM drive. The Cisco Fast Step installation wizard starts automatically. Follow the on-screen instructions that guide you through router setup and test.



RVS-COM Lite Support

If you intend to use the RVS-COM Lite Common ISDN Application Programmers Interface (CAPI), install the CAPI software after you have used the Cisco Fast Step Setup to configure the router. You must have a network interface card (NIC) and TCP/IP installed in every PC connected to the router. If you have a terminal adapter and CAPI installed, you must uninstall the old version of CAPI, install the NIC, run Setup, and install RVS-COM Lite. The PC must have an IP address that is on the same subnet as the router, and you will need the IP address of the router LAN interface to set up the RVS-COM Lite software.

System Requirements

- Microsoft Windows 95, Microsoft Windows 98, Microsoft Windows NT version 4.0
- Pentium or equivalent 486 computer
- 20 MB of hard disk space
- 8 MB of RAM on Windows 95 or 98 (16 MB recommended)
- 16 MB of RAM on Windows NT (24 MB recommended)
- SVGA monitor, 640 by 480 pixels, 256 colors
- CD-ROM drive

Gathering ISDN Network Information

The information requested in this section is intended for a variety of Cisco 801, 802, 803, and 804 series router configurations. These entries might not be required for your setup, especially if you are using a configuration file supplied by your service provider. Your service provider or network administrator can provide you with the information you need to configure the router.

ISDN Service Provider Information

Obtain the following information from your ISDN service provider:

1. Your router ISDN directory number 1 _____
2. Your router ISDN directory number 2 _____

Switch type:

- | | |
|--|---|
| <input type="checkbox"/> N11 (North America) | <input type="checkbox"/> 5ESS (North America) |
| <input type="checkbox"/> DMS (North America) | <input type="checkbox"/> INS (Japan) |
| <input type="checkbox"/> VN3 (France) | <input type="checkbox"/> NET3 (Europe) |
| <input type="checkbox"/> ITR6 (Germany) | |

SPID Numbers (North America)

SPID1 _____ SPID2 _____

LAN addresses are either statically assigned or dynamically assigned. If you do not know which you are using, assume the LAN addresses are dynamically assigned, and skip this section. Otherwise, obtain the following LAN information from your network administrator:

LAN IP address ____ . ____ . ____ . ____ LAN subnet mask ____ . ____ . ____ . ____

Remote Corporate Network Information

If you are connecting to a remote corporate network (RCN), obtain the following information from your network administrator:

1. RCN telephone number 1 _____
2. RCN telephone number 2 (optional) _____
3. Router user or Point-to-Point Protocol (PPP) name _____
4. PAP password or CHAP secret _____
5. Router user (or PPP) name of the central device _____

Internet Service Provider Information

If you are connecting to an ISP, obtain the following information from your ISP:

1. ISP telephone number 1 _____
2. ISP telephone number 2 _____
3. ISP user name _____
4. PAP or CHAP secret password _____
5. The device user (or PPP) name of the central device _____

To use Internet applications like Web browsers or e-mail, or to use TCP/IP to connect to Windows NT servers, obtain the following information from your RCN or ISP:

1. Primary DNS _____
2. Secondary DNS _____
3. WAN IP address _____
4. WAN subnet mask _____
5. Primary WINS (Windows Internet Naming Service) _____
6. Secondary WINS server _____

To connect to files and printers on NetWare, Windows NT, Windows 95, or Windows 98 computers running the Novell protocol, obtain the following information from your network administrator:

1. IPX WAN network number (RCN only) _____
2. IPX LAN network number _____
3. IPX LAN frame type (check one): Ethernet_II 802.3 802.2 SNAP

Gathering Serial Network Information

The information requested in this section is intended for a variety of Cisco 805 series router configurations. These entries might not be required for your setup, especially if you are using a configuration file supplied by your service provider. Your service provider or network administrator can provide you with the information you need to configure the router.

WAN Information

If you are using High-Level Data Link Control (HDLC) protocol on a serial leased line, PPP authentication, or Frame Relay, obtain the following WAN information from your service provider:

WAN IP address _____ WAN subnet mask _____

PPP Encapsulation Information (Optional)

If you have a serial leased line connection without the ppp authentication, you can skip this section. If PPP authentication is required by your service provider, all the three fields are mandatory. To use PPP authentication, obtain the following information from your service provider:

1. PPP username _____
2. PPP password _____
3. Central router name _____

Frame Relay Information

To use Frame Relay, obtain the data-link connection identifier (DLCI) number from your service provider.

DLCI number _____

Troubleshooting

This section provides solutions to common problems.

CD Fails to Launch Install Program

If the Cisco Fast Step setup wizard fails to launch when the CD is installed, follow these instructions:

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- Step 1 Double-click the **My Computer** icon.
 - Step 2 Double-click the **CD** icon.
 - Step 3 Double-click the **Setup.exe** icon.
 - Step 4 Follow the on-screen instructions that guide you through the router setup and test.

WinHelp CD and Web Buttons Fail

The Cisco Fast Step WinHelp system includes CD and Web buttons that display additional information on a selected topic in a Web browser window. The CD buttons work correctly if the Cisco Documentation CD is installed and started. Web buttons work correctly if you have an active connection to the Internet. For additional information, see “Using CD and Web Buttons” in the Cisco Fast Step online help file. The file is in your Cisco Fast Step directory on your PC. It is not necessary to run Cisco Fast Step software to view the WinHelp topics. To view the help, double-click any filename in the directory with a HLP extension.

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