CHAPTER 1

Router Setup Example Forms

Note These are just sample forms. Do not use them to configure your router.

- Router ISDN Setup
- Router Frame Relay Setup
- Router Asynchronous Serial Setup

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Router ISDN Setup

<P> <FORM METHOD=POST ACTION=/ezsetup/set> To configure your router, you have to fill in the fields on this form. Most of the information required should have been supplied by your network manager or service provider.<P><H3>Router Name and Password</H3> You need to name your router and assign it a password. The router name must be the name that you were told to use. You can choose the password. <MENU> <DT>Router name <INPUT TYPE=STRING NAME=hostname SIZE=15> <DT>Password <INPUT TYPE=PASSWORD NAME=password SIZE=15></MENU><P><H3>ISDN Interface (BRI0)</H3> You need to know the name of the router that you will be dialing and the password for CHAP authentication on the dialup link. The CHAP password should have been supplied to you; it is different from the router password. You also need to know the type of ISDN switch that the phone company is using, and you might need to know the SPIDs that they have assigned to you. If they are not using SPIDs, you can leave those fields blank. <MENU> <DT>Remote router name <INPUT NAME=isdn_remotename SIZE=15> <DT>Remote phone number <INPUT NAME=isdn_remotenumber SIZE=15> <DT>Remote CHAP password <INPUT NAME=isdn_chappass SIZE=15> <DT>ISDN switch type </B><SELECT NAME=isdn_stype> <OPTION VALUE=basic-5ess SELECTED> AT&T 5ESS (U.S) <OPTION VALUE=basic-1tr6 > 1TR6 (Germany) <OPTION VALUE=basic-dms100 > Northern DMS-100 <OPTION VALUE=basic-net3 > NET3 (UK & Europe) <OPTION VALUE=basic-nwnet3 > NET3 (Norway) <OPTION VALUE=basic-nznet3 > NET3 (New Zealand) <OPTION VALUE=basic-ni1 > National ISDN-1 <OPTION VALUE=basic-ts013 > TS013 (Australia) <OPTION VALUE=ntt > NTT (Japan) <OPTION VALUE=vn2 > VN2 (France) <OPTION VALUE=vn3 > VN3 (France) </SELECT> <DT>ISDN Service Profile Identifier (SPID) 1 <INPUT NAME=isdn_spid1 SIZE=20> <DT>ISDN Service Profile Identifier (SPID) 2 <INPUT NAME=isdn_spid2 SIZE=20></MENU><P><H3>IP Addresses</H3> <P>The router uses an address of <CODE>10.0.0.1</CODE>. You can change it. <MENU> <DT>Router IP address <INPUT NAME=eth0addr SIZE=15> <DT>Router netmask <INPUT NAME=eth0mask

SIZE=15> <DT>DNS server address <INPUT NAME=dnsaddr SIZE=15> </MENU><P><H3>Diagnostic Information</H3> <P>You can enable standard debugging information. Doing so has little or no impact on router performance, but can help diagnose ISDN and dial-on-demand problems. Debugging information is sent to the router console and is stored in an internal buffer. <P>Please choose one of the options below.<UL><P> <INPUT TYPE=radio NAME=stdebug VALUE=y CHECKED>Enable standard debugging
<INPUT TYPE=radio NAME=stdebug VALUE=n> Disable debugging</UL> <P>

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Router Frame Relay Setup

<FORM METHOD=POST ACTION=/ezsetup/set>To configure your router, fill in the following fields. You should have received most of this information from your network manager or service provider. <H3>Router Name and Password</H3> Name your router and give it a password. The router name must be the name that you were told to use. The password is your choice. <DL> <DT>Router name <INPUT TYPE=STRING NAME=hostname > <DT>Router password <INPUT TYPE=STRING NAME=password> </DL> <H3>Frame Relay Setup</H3><DL> <DT>Frame Relay IP address <INPUT TYPE=STRING NAME=fr_addr > <DT>Frame Relay netmask <INPUT TYPE=STRING NAME=fr_mask > <DT>Frame Relay DLCI <INPUT TYPE=STRING NAME=fr_dlci > </DL> <H3>IP Addresses</H3> <DL> <DT>Router IP address <INPUT TYPE=STRING NAME=eth0addr > <DT>Router netmask <INPUT TYPE=STRING NAME=eth0mask> <DT>DNS server IP address <INPUT TYPE=STRING NAME=dnsaddr > </DL> <H3>Diagnostic Information</H3><P> You can enable debugging. This has little or no impact on performance but will help diagnose problems. Debugging information is sent to the console and is stored in an internal buffer. <P>Please choose one of the options below. <P><INPUT TYPE=radio NAME=stdebug VALUE=y CHECKED>Enable standard debugging
<INPUT TYPE=radio NAME=stdebug VALUE=n> Disable debugging<P> <INPUT TYPE=submit VALUE=Submit></FORM> </BODY></HTML>

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Router Asynchronous Serial Setup

<FORM METHOD=POST ACTION=/ezsetup/set> To configure your router fill in the fields below. Most of the information required should have been supplied to you by your network manager or service provider. <H3>Router Name and Password</H3> Name your router and give it a password. The router name must be the name that you were told to use. The password is your choice. <DL> <DT>Router name <INPUT TYPE=STRING NAME=hostname > <DT>Router password <INPUT TYPE=STRING NAME=password > </DL> <H3>Asynchronous Serial Interface</H3> You need to know the name of the router you will be dialing up, and the password used for CHAP authentication on the link. This CHAP password should have been supplied to you, and is different from the router password above. <DL> <DT>Remote router name <INPUT TYPE=STRING NAME=async_remotename > <DT>Remote phone number <INPUT TYPE=STRING NAME=async_remotenumber > <DT>Remote CHAP password <INPUT TYPE=STRING NAME=async_chappass > </DL> Enter a password to be prompted when a user dials into this router. <DL> <DT>Local line password <INPUT TYPE=STRING NAME=async_linepass > </DL> Select the speed of the modem connected to the router and enter the Modem initialization string. <DL> <DT>Modem Speed <DL> <DT><INPUT TYPE=radio NAME=async_modemspeed VALUE=14.4 CHECKED> 14.4k <DT><INPUT TYPE=radio NAME=async_modemspeed VALUE=28.8 > 28.8k </DL> <DT>Modem Initialization String <INPUT TYPE=STRING NAME=async_modem_initstring > <H3>IP Addresses</H3> <DL> <DT>Router IP address <INPUT TYPE=STRING NAME=eth0addr > <DT>Router netmask <INPUT TYPE=STRING NAME=eth0mask > <DT>DNS server IP address <INPUT TYPE=STRING NAME=dnsaddr >

</DL> <H3>Diagnostic Information</H3><P> You may want to enable some standard debugging information. This will have little or no impact on performance but will help diagnose WAN and Dial-On-Demand problems. Debugging information is sent to the console and is stored in an internal buffer. <P>Please choose one of the options below. <P><DL><DL> <DT><INPUT TYPE=radio NAME=stdebug VALUE=y CHECKED> Enable standard debug <DT><INPUT TYPE=radio NAME=stdebug VALUE=n > Disable debug </DL></DL><P>

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