



## Initial Configuration

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Before you begin to configure the Cisco MC3810 multiservice access concentrator, make sure it is powered up and has completed its initialization and self-test. You can perform the configuration from a local console. After you configure the Ethernet port IP address, you can perform system configuration from a remote console, or from a Telnet connection through the Ethernet port.

This chapter contains the following sections:

- [Setting the Ethernet Port IP Address, page 2-1](#)
- [Where to Go Next, page 2-2](#)

To perform the initial configuration, use the command-line interface (which requires that you enter commands).

## Setting the Ethernet Port IP Address

Follow these steps to configure the Cisco MC3810 Ethernet port IP address from a local console. After you have configured the Ethernet port's IP address, you can Telnet to the Cisco MC3810 console to configure the concentrator remotely.

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**Step 1** Establish a link to the Cisco MC3810 console port.

**Step 2** Do one of the following, depending on the prompt:

- If the System Configuration Dialog prompt (shown below) is displayed, enter **no** to bring up the Router> prompt.

```
--- System Configuration Dialog ---  
At any point you may enter a question mark '?' for help.  
Use ctrl-c to abort configuration dialog at any prompt.  
Default settings are in square brackets '['].  
Would you like to enter the initial configuration dialog? [yes]:
```

- If the Router> prompt is displayed, go to [Step 3](#).
- If the Router# prompt is displayed, go to [Step 4](#).



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**Note** If the rommon 1> prompt appears, your system has booted in ROM monitor mode. Follow the instructions in [Appendix A, "Booting in ROM Monitor Mode."](#)

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**Step 3** At the Router> prompt, enter **enable** to enable privileged EXEC mode.



**Note** The default host name, “Router,” appears as part of the system prompt. To change the host name to another name such as “Europa” that will then appear as the system prompt, enter **hostname Europa** at the global configuration prompt (`Router(config)#`).

- Step 4** At the `Router#` prompt, enter **configure terminal** to enter global configuration mode.
- Enter configuration commands, one per line. End with CNTL/Z.  
`Router(config)# configure terminal`
- Step 5** Enter **enable password** to set a password for privileged EXEC mode.
- `Router(config)# enable password password`
- Step 6** Enter **interface Ethernet 0** to enter interface configuration mode.
- `Router(config)# interface Ethernet 0`
- Step 7** Enter the IP address and subnet mask for the Ethernet port.
- `Router(config-if)# ip address IP-address subnet-mask`
- Step 8** Enter **no shutdown** to activate the Ethernet port.
- `Router(config-if)# no shutdown`  
 Messages similar to the following appear:
- %LINEPROTO-5-UPDOWN: Line protocol on Interface Ethernet0, changed state to up  
 %LINK-3-UPDOWN: Interface Ethernet0, changed state to up
- Step 9** Enter line configuration mode.
- `Router(config)# line vty 0 4`
- Step 10** Set a password for remote access to the Cisco MC3810 Ethernet port.
- `Router(config-line)# password password`
- Step 11** Enter **end** to bring up the `Router#` prompt.
- `Router(config-line)# end`
- Step 12** Enter **copy system:running-config nvram:startup-config** to save the configuration:
- `Router# copy system:running-config nvram:startup-config`  
 The following messages and prompt appear:
- Building configuration...  
 Tablesize is 100  
 Configure call time  
 [OK]  
`Router#`
- Step 13** You are now ready to continue your configuration. Do one of the following:
- To configure IP routing, IPX routing, or other standard Cisco IOS software features, refer to Cisco IOS documentation.
  - To configure specific features for the Cisco MC3810, see the [“Where to Go Next” section on page 2-2](#) for information about where to go next.

## Where to Go Next

Information on how to configure the Cisco MC3810 is provided in the following chapters:

- Chapter 3—[Serial Port and T1/E1 Trunk Configuration](#)
- Chapter 4—[Configuring Synchronized Clocking](#)
- Chapter 5—[Configuring Voice over Frame Relay](#)
- Chapter 6—[Configuring Voice over ATM](#)

- [Chapter 7—Configuring Frame Relay–ATM Interworking](#)
- [Chapter 8—Configuring Voice over HDLC](#)
- [Chapter 9—Voice Dial Plan Considerations](#)
- [Chapter 10—Configuring Voice Ports](#)
- [Chapter 11—Configuring Support for PBX Signaling Formats](#)
- [Chapter 12—Configuring the Cisco MC3810 to Compile Call Detail Records](#)
- [Chapter 13—Configuring Video Support](#)

