C H A P T E R 1

Overview

The Cisco 750 series and Cisco 760 series routers connect small office Ethernet LANs to corporate networks through Integrated Services Digital Network (ISDN) Basic Rate Interface (BRI) lines. After configuration, the router automatically routes packets to and from remote destinations using Internet Protocol (IP) or Internetwork Packet Exchange (IPX). The remote dial-up network routing connections are made on-demand.

Supported Protocols

The Cisco 750 series and Cisco 760 series routers support the following protocols:

- IP

- IPX

- Internet Protocol Control Protocol (IPCP)

- Internet Control Message Protocol (ICMP)

- Internetwork Packet Exchange Control Protocol (IPXCP)

- Point-to-Point Protocol (PPP)

- Bridge Control Protocol (BCP)

- Address Resolution Protocol (ARP)

- Service Advertisement Protocol (SAP)

- Password Authentication Protocol (PAP)

- Trivial File Transfer Protocol (TFTP server)

- Simple Network Management Protocol (SNMP)

- Routing Information Protocol (RIP) for IP and IPX

- Challenge Handshake Authentication Protocol (CHAP)

Supported Interfaces and Connections

The Cisco 750 series and Cisco 760 series routers have the following ports for LAN and WAN connections. Table 1-1 lists the LAN and WAN port connections for the Cisco 750 series.

Table 1-1　　　Cisco 750 Series LAN and WAN Ports

Models	Ports
751	1 RJ-45 S/T
	1 10Base2 Ethernet
	1 10BaseT Ethernet
752	1 RJ-45 S/T
	1 RJ-45 U (NT1)
	1 10Base2 Ethernet
	1 10BaseT Ethernet
753	1 RJ-11 Analog phone interfaces
	1 RJ-45 S/T
	1 RJ-45 U (NT1)
	1 10Base2 Ethernet
	1 10BaseT Ethernet

Table 1-2 lists the LAN and WAN port connections for the Cisco 760 series.

Table 1-2   Cisco 760 Series LAN and WAN Ports

Models	Ports
765	1 RJ-45 S/T
	2 RJ-11 Analog phone interfaces
	1 AUI Ethernet
	1 10BaseT Ethernet
766	1 RJ-45 S/T
	1 RJ-45 U
	2 RJ-11 Analog phone interfaces
	1 AUI Ethernet
	1 10BaseT Ethernet

Administrative Configuration Options

You can configure routers through the Cisco ConnectPro software program, the configuration port, or across an Ethernet network using Telnet.