Configuration Example

In the following configuration example, the static route sends out all IP packets with a destination IP address of 192.168.1.0 and a subnet mask of 255.255.255.0 on the Fast Ethernet interface to another device with an IP address of 10.1

Configure the Dialer Interface

In this scenario, the small business or remote user on the Fast Ethernet LAN can connect to an Internet

Configuring VPNs Using an IPSec Tunnel and Generic Routing Encapsulation

The Cisco 850 and Cisco

!

1. Multiple networked devices—Desktops, laptop PCs, switches
2. Fast Ethernet LAN interface (the inside interface for NAT)
3. PPPoE or PPPoA client and firewall implementation—Cisco 851/871 or Cisco 857/876/877/878 series access router, respectively
4.

Configuration Tasks

Perform the following tasks to configure this network scenario:

- Configure the Root Radio Station
- Configure Bridging on VLANs
- Configure Radio Station Subinterfaces

A configuration example showing the results of these configuration tasks is provided in the "Configuration Example" section on page 9-7.

Note The procedures in this chapter assume that you have already configured basic router features as well as PPPoE or PPPoA with NAT. If you have not performed these configurations tasks, see Chapter 1, "Basic Router Configuration," Chaur

Configure Radio Station Subinterfaces

b r i d
b r i d
b r i d
!
i p i
i p i
i p i
i p i
i p i
i p i
i p i

Figure 13-1

Figure 13-3 Dial Backup Directly from Router to ISDN Switch

ADSL Troubleshooting

If you experience trouble with the ADSL connection, verify the following:

•

Step 5 Using the power switch, turn off the router and then turn it back on.

Getting Help

You can use the question mark (?) and arrow keys to help you enter commands.

For a list of available commands at that command mode, enter a question mark:

```
Router> ?
access-enable  Create a temporary access-list entry
access-profile Apply user-profile to interface
clear          Reset functions
...
```

To complete a command, enter a few known characters followed by a question mark (with no space):

```
Router> s?
* s=show set show slip systat
```

For a list of command variables, enter the comma

line is up, the backup interface is placed in standby mode. In standby mode, the backup interface is effectively shut down until it is enabled. Any route associated with the backup interface does not appear in the routing table.

Because the backup interface command is dependent on the router's identifying that an interface is physically down, it is commonly used to back up ISDN BRI connections, asynchronous lines, and leased

Commands are case sensitive. You can halt any command by pressing the Break key on a terminal. If you are using a PC, most terminal emulation programs halt a command when you press the Ctrl and the Break keys at the same time. If you are using another type of terminal o9.9.001 Td [(y)521tion2(oy)52 0.0091 T

S