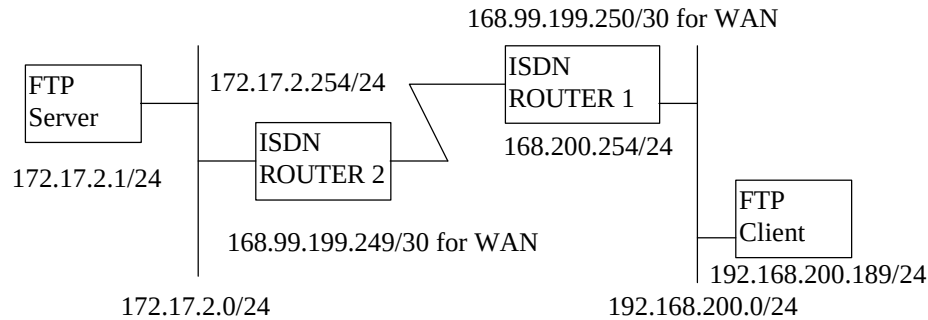


LAN to LAN Connection IP RIP with WAN IP number

Note: The IP addresses shown above are examples only!

This configuration note explains how to set up a workstation on one network to use an ISDN ROUTER to make a connection to another ISDN ROUTER to route IP. In this configuration, the workstation has the TCP/IP software installed so that it will be able to run any applications with stations on the remote network (e.g., FTP, telnet, etc.). There will be three items that you need to set up. These are the workstation and the two ISDN ROUTERS.

I. Workstation Setup

To set up the workstation (W/S), you will need to set the following parameters:

- **IP Address** - the IP address assigned to the workstation itself, in the above example, '192.168.200.189'
- **Subnet Mask** - the subnet mask used for your network. Class C networks generally uses a 24-bit netmask, '255.255.255.0'.

The procedure for configuring these parameters for your workstation may differ depending on the type of TCP/IP networking software you are using on your workstation. If you are unfamiliar with how to set these parameters, you can refer to the technical notes corresponding to your software.

- Trumpet LAN Setup - Setting up Trumpet TCP/IP
- Windows 95/NT TCP/IP LAN Setup

II. ISDN ROUTER 2 Setup

In order to configure ISDN ROUTER 2 for this application; make sure you have the following menus configured correctly.

Note that the fields are indicated in **bold** type.

- Choose *Interface Configuration, ISDN* menu, set your **switch type**, **country code**, **phone numbers**, and other options (if necessary), then saving this menu.
- Choose *Network Configuration, IP Configuration, IP Stack Configuration, LAN* menu, leave the **IP address** as 172.17.2.254. (This is very important that you must have the IP address in the same network as what you've entered in 'Client IP Pool Starting Address'. Just leave it as default, then it should work fine.)
- Choose *Network Configuration, IP Configuration, IP Stack Configuration, ISDN Link 1* menu, the **IP address** as 168.99.199.250, **NetMask** as 255.255.255.252, **State** set <**IP Stack**>.

- Choose *Advanced Configuration, Remote Access Configuration, Remote Network Profile* menu, The **Direction** set Both, Incoming **Name** and **Password** is the login information provided by ROUTER 1, Outgoing **Name** and **Password** is the login information provided by ROUTER 2. **Phone Number** is the number your ROUTER has to dial in order to access your ISP. This number is supplied by your ISP. After saving this menu.
- Choose *Advanced Configuration, Remote Access Configuration, Dial Configuration, ISDN Link 1* menu, the **Dial on Demand** field if enable, when a packet arrives at this port, the router will further configures this port for dialing-out.

III. ISDN ROUTER 1 Setup

In order to configure ISDN ROUTER 1 for this application; make sure you have the following menus configured correctly.

Note that the fields are indicated in **bold** type.

- Choose *Interface Configuration, ISDN* menu, set your **switch type, country code, phone numbers**, and other options (if necessary), then saving this menu.
- Choose *Network Configuration, IP Configuration, IP Stack Configuration, LAN* menu, leave the **IP address** as 192.168.200.254. (This is very important that you must have the IP address in the same network as what you've entered in 'Client IP Pool Starting Address'. Just leave it as default, then it should work fine.)
- Choose *Network Configuration, IP Configuration, IP Stack Configuration, ISDN Link 1* menu, the **IP address** as 168.99.199.249, **NetMask** as 255.255.255.252, **State** set <**IP Stack**>.
- Choose *Advanced Configuration, Remote Access Configuration, Remote Network Profile* menu, The **Direction** set Both, Incoming **Name** and **Password** is the login information provided by ROUTER 2, Outgoing **Name** and **Password** is the login information provided by ROUTER 1. **Phone Number** is the number your ROUTER has to dial in order to access your ISP. This number is supplied by your ISP. After saving this menu.
- Choose *Advanced Configuration, Remote Access Configuration, Dial Configuration, ISDN Link 1* menu, the **Dial on Demand** field if enable, when a packet arrives at this port, the router will further configures this port for dialing-out.

Ps: You can reference the lan2lan3.cfg and lan2lan4.cfg files