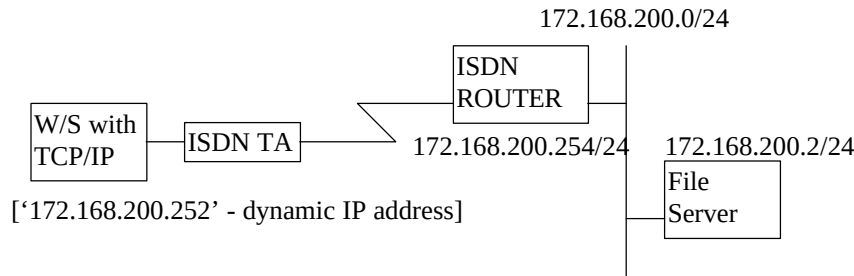


Telecommuting/Remote Access W/S with a Dynamically Assigned IP Address

Note: The IP addresses shown above are examples only!

This configuration note explains how to set up a workstation using an ISDN terminal adapter (TA) to connect to the ISDN ROUTER to route IP. In this configuration, the workstation has TCP/IP software installed. Once connected, the workstation will be able to perform any TCP/IP applications on the network stations (e.g., FTP, telnet, etc.). There will be two items that you need to set up. These are the workstation and the ISDN ROUTER.

I. Workstation Setup

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

- **IP Address** - the IP address in this case will be dynamically assigned by the ISDN ROUTER. Generally, you should simply enter '0.0.0.0' into the IP address field.
- **Default Gateway** - the IP address of the station or device on the remote network that acts as your default gateway. That is, any packets without an implicit route to their destination IP address will be routed to the default gateway. In our example, the Default Gateway would be the router you are connected to, '172.168.200.254'.

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 WAN Setup - ISDN TA to ISDN ROUTER
- Chameleon WAN Setup - ISDN TA to ISDN ROUTER
- Windows 95/NT TCP/IP WAN

II. ISDN ROUTER Setup

In order to configure your ISDN ROUTER 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, Auth Type**, and other options (if necessary), then saving this menu.
- Choose *Network Configuration, IP Configuration, IP Stack Configuration, LAN* menu, the **IP address** as 172.168.200.254, **NetMask** as 255.255.255.0. (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 *Advanced Configuration, Remote Access Configuration, Dial-In User Profile* menu, The **Name** and **Password** of each user who can call into your network, **Default IP** [0.0.0.0]. After saving this menu.
- Choose *Advanced Configuration, Remote Access Configuration, Dial Configuration, Dial In IP Pool* menu, you can create a range IP address pool, An address from the pool will be temporarily assigned to the remote user who call in without one. Example, **IP Address** [172.168.200.251], **Range** [2].

Ps: You can reference the dialin2.cfg file