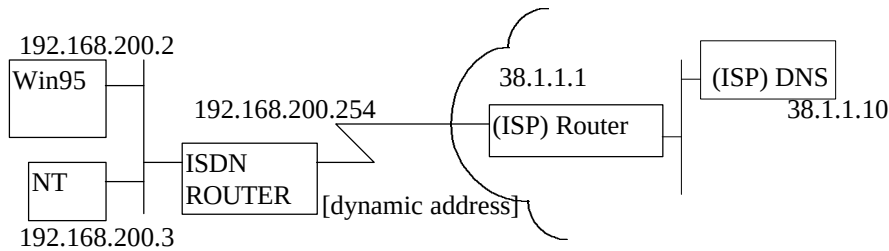


Internet Access for Win95/NT with NAT



Note: The IP address shown above are examples only!

This configuration note explains how to set up a Windows 95 and/or NT on your network to use the ISDN ROUTER to connect to the Internet via an ISP.

In this configuration, the user set the Ethernet IP address of Win95/NT to "Obtain an IP address automatically", and the user has one IP address from the ISP or user has one account with ISP that IP will be dynamically assigned to the user/ISDN ROUTER when the connection is up.

Notice that with this configuration, all stations on the network will be able to access the Internet, but they will be 'hidden' from the outside. That is, from the ISP's point of view, they will only be able to 'see' the single IP address (in this case, the one dynamically assigned) There will be two items that you need to set up.

I. Windows 95 Setup

To set up the Windows 95, you will need to set the following parameters for the 'TCP/IP property':

- **IP Address** - Set to "Obtain an IP address automatically".
- **DNS (Domain Name Server) Configuration** - Just enables the DNS, and doesn't need to enter the address that your ISP gave you. (We will enter this in ISDN ROUTER later.)
- **Gateway** - Leave the gateway table blank.

The detail procedure for configuring these parameters for your Windows 95/NT, please refer to the technical notes:

- Windows 95/NT - see section 'Internet Access'

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**, and other options (if necessary), then saving this menu.
- Choose *Network Configuration, IP Configuration, IP Stack Configuration, LAN* menu, the **IP address** as 192.168.200.254, **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 *Network Configuration, IP Configuration, IP Static Route* menu, add routing table, you set **IP address** [0.0.0.0], **NetMask** [0.0.0.0], **Gateway** [0.0.0.0], **Hops** [1], **Intf** <ISDN L1>, **Stat** <Enable>.
- Choose *Advanced Configuration, Remote Access Configuration, Remote Network Profile* menu, The Outgoing **Name** and **Password** is the login information provided by your ISP. **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.
- Choose *Advanced Configuration, NAT Configuration, Configure NAT/NAPT* menu, set your **Global Interface** <ISDN L1>, **Local Interface** <LAN>, **Translation Mode** <Dynamic NAPT> and **State** is <Enable>.
- Choose *Advanced Configuration, NAT Configuration, Configure NAT/NAPT, NAT IP Pool* menu, set your be used to map a single global IP address and range

Ps: You can reference the dialisp.cfg file