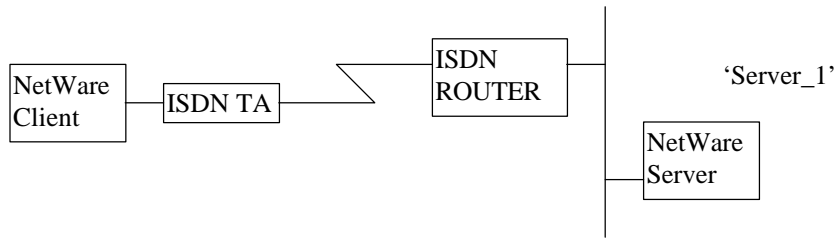


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Workstation using an ISDN Terminal Adapter to Route IPX



This configuration note explains how to set up a workstation using an ISDN terminal adapter (TA) to connect to the ISDN ROUTER to route IPX. In this configuration, the workstation has NetWare client software so that you will be able to log into the NetWare server. There will be two items that you need to set up. These are the workstation and the ISDN ROUTER.

I. Workstation Setup (NetWare Client)

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

Server Name - In some cases, you may need the name that has been configured for the NetWare server you wish to login to. In the previous example, that would be 'Server_1'.

The procedure for configuring these parameters for your workstation may differ depending on the type of IPX client 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.

Stampede in a Windows 3.X PC

Windows 95/NT - see section 'Remote Access, Telecommute'

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.

Menu 1:

```
Menu 1 - General Setup

System Name= IRT1000
Location= Taipei
Contact Person's Name= CC

Route IP= No
Route IPX= Yes
Bridge= No

Press ENTER to Confirm or ESC to Cancel:
```

In menu 1, make sure the **Route IPX** field is set to 'Yes'.

Menu 3.3:

```
Menu 3.3 - Novell IPX Ethernet Setup

Seed Router= No

Frame Type 802.2= Yes
IPX Network #= N/A

Frame Type 802.3= No
IPX Network #= N/A

Frame Type Ethernet II= Yes
IPX Network #= N/A

Frame Type SNAP= No
IPX Network #= N/A

Press ENTER to Confirm or ESC to Cancel:
```

In menu 3.3, since ISDN ROUTER is attached to a Novell server in the same network, set the **Seed Router** to 'No.'

In menu 3.3, make sure that you have set the correct **Frame Type(s)** to 'Yes'. You should enable the frame type or types that the NetWare server is running. Please note that it is possible to set more than one frame type to 'Yes'.

Menu 13:

```
Menu 13 - Default Dial-in Setup

Telco Options:
  CLID Authen= None

PPP Options:
  Recv Authen= CHAP/PAP
  Compression= Yes
  Mutual Authen= No
  PAP Login= N/A
  PAP Password= N/A
  Multiple Link Options:
    Max Trans Rate(Kbps)= 128

Callback Budget Management:
  Allocated Budget(min)= 0
  Period(hr)= 0

IP Address Supplied By:
  Dial-in User= Yes
  IP Pool= No
  IP Start Addr= N/A
  IP Count(1,2)= N/A

IPX Net Num Supplied By:
  IPX Pool= Yes
  IPX Start Net Num= P12345678
  IPX Count(2,16)= 2

Session Options:
  Input Filter Sets=
  Output Filter Sets=
  Idle Timeout= 300

Press ENTER to Confirm or ESC to Cancel:
```

Set the **Recv Authen** field to the type of authentication you want use (CHAP, PAP, or none).

If you want to assign a specific IPX network number to the workstation, set **IPX Pool** to 'Yes'.

Enter the starting IPX network number in the **IPX Start Net Num.** field. The ISDN ROUTER will assign the network numbers from this pool. For example, '12345678'.

Determine the size of the IPX pool by entering the number of network numbers you want to have in the **IPX Count** field. You can have anywhere from 2 to 16 numbers.

Menu 14:

```
Menu 14.1 - Edit Dial-in User

User #: 1
User Name= NWClient
Active= Yes
Passwd= *****
Callback= No
  Phone # Supplied by Caller= N/A
  Callback Phone #= N/A
Rem CLID=
Idle Timeout= 300

Press ENTER to Confirm or ESC to Cancel:
```

The **User Name** and **Passwd** fields should be set to the login user name and password that the workstation will provide when dialing in to the ISDN ROUTER.

Set the **Active** field to 'Yes'.