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Windows 95 Workstation Setup

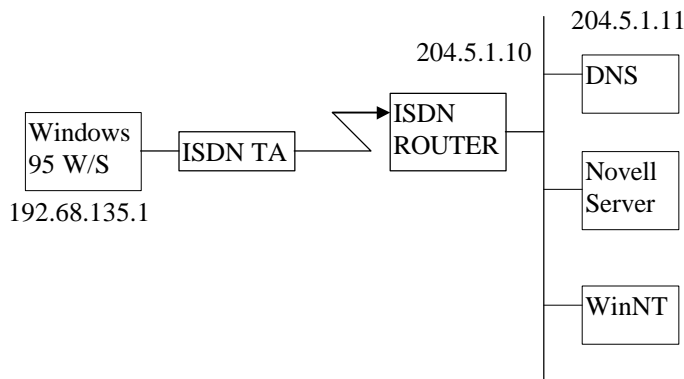
This document describes how to setup the Windows 95 workstation for the following applications:

- I. Remote Access/Telecommuting - Windows 95 using an ISDN TA to dial to the ISDN ROUTER
- II. Internet Access - Windows 95 connected to the same network as the ISDN ROUTER to access the Internet through the ISDN ROUTER.
- III. LAN-to-LAN - Win95 connected to the ISDN ROUTER in one network and using the ISDN ROUTER to connect to a corporate (branch) network (for IPX and IP).

I. Remote Access/Telecommuting

Description:

Windows 95 workstation using Dial-up Networking with an ISDN TA to call a ISDN ROUTER to route IP and/or IPX.



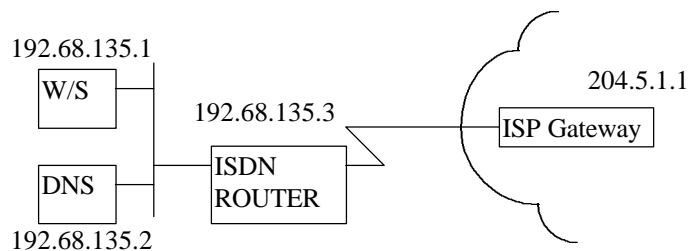
1. Setup hardware
 - A. Configure the ISDN TA using the configuration utility for that device. Be sure to input the correct switch type, SPIDs (if needed) and phone information. In general, the ISDN TA will come with configuration utility software.
2. Setup workstation
 - A. Enable TCP/IP on the WAN side
 1. Go to the 'Control Panel' and select 'Network'
 2. You will see a box listing the installed network components
 3. Select 'TCP/IP -> Dial-Up Adapter' and click 'Properties'
 4. Enter your Default Gateway to be the address of the ISDN ROUTER station (in the example above, this would be 204.5.1.10).
 5. Enter the correct DNS address (in our example, this would be 204.5.1.11).
 - B. Enable IPX on the WAN side
 1. Add the network component, 'IPX/SPX - compatible Protocol -> Dial-Up Adapter'
 - C. Enable NetBEUI on the WAN side
 1. Add the network component, 'Client for Microsoft Network'
 2. Add the network component, 'NetBEUI -> Dial-Up Adapter' and click on 'Properties'
 3. Make sure you have 'Client for Microsoft Network' in the 'Bindings' window
 4. If you haven't already, add the network component, 'IPX/SPX - compatible Protocol -> Dial-Up Adapter' and click on 'Properties'

5. Check the box 'I want to enable NetBIOS over IPX/SPX'
- D. Reboot your computer
- E. Create a Dial-Up Connection Profile
 1. Go to 'Dial-Up Networking' and select 'Make New Connection'
 2. Type in the Name for the connection and select the modem type, click 'Next'
 3. Enter the phone number of the computer you want to call
 4. Click 'Finish' to complete the new connection
 5. Right-click on the newly created icon and select 'Properties'
 6. Click on the 'Server Type' button
 7. Check the 'TCP/IP' box and/or the 'IPX/SPX Compatible' box depending on your application. If you selected 'TCP/IP', click on the 'TCP/IP Settings' button
 8. If the ISDN ROUTER is assigning your station's IP address from the IP Pool, check the box 'Server assigned IP address'. Otherwise, check the 'Specify an IP address' box and enter in your IP address.
- F. Dialing to the new connection
 1. Click on the icon created for your new Dial-Up Connection
 2. Type in the User Name and Password, then click 'Connect'

II. Internet Access

Description:

Windows 95 workstation accessing the Internet through the ISDN ROUTER.

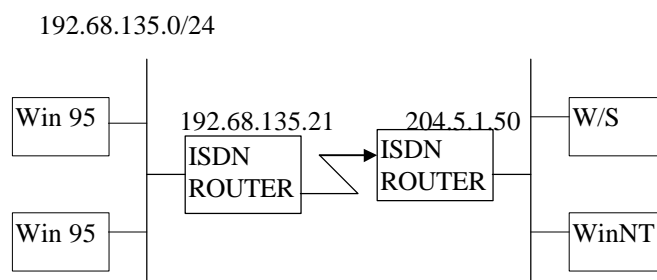


1. Setup workstation
 - A. Enable TCP/IP on the LAN side
 1. Go to the 'Control Panel' and select 'Network'
 2. You will see a box listing the installed network components
 3. Select 'TCP/IP -> NE2000' and click 'Properties'
 4. First, enter your IP address and subnet mask. In our example this would be 192.68.135.1 and 255.255.255.0.
 5. Next, install your Default Gateway. If you want your ISDN ROUTER to be your default gateway, then enter 192.68.135.3.
 6. Enter the correct DNS address (192.68.135.2)

III. LAN-to-LAN

Description:

Windows 95 workstation routing IP or IPX through the LAN interface.



192.68.135.20

1. Setup workstation
 - A. Enable TCP/IP on the LAN side
 1. Go to the 'Control Panel' and select 'Network'
 2. You will see a box listing the installed network components
 3. Select 'TCP/IP -> NE2000' and click 'Properties'
 4. First, enter your IP address and subnet mask. In our example this would be 192.68.135.20 and 255.255.255.0.
 5. Next, install your Default Gateway. If you want your ISDN ROUTER to be your default gateway, then enter 192.68.135.21.
 6. Enter the correct DNS address
 - B. Enable IPX on the LAN side
 1. Go to the 'Control Panel' and select 'Network'
 2. You will see a box listing the installed network components
 3. Add the network component, 'IPX/SPX - compatible Protocol -> NE2000'
 - C. Enable Bridging NetBEUI on the LAN side
 1. Go to the 'Control Panel' and select 'Network'
 2. You will see a box listing the installed network components
 3. Add the network component, 'NetBEUI'
 4. Select the 'IPX/SPX - compatible Protocol' component and click 'Properties'
 5. Check the box 'I want to enable NetBIOS over IPX/SPX'
 6. Add the network component 'Client for Microsoft Networks'
 - D. Reboot your computer.