

# Microsoft® Windows NT™ Remote Access Service Beta Version Errata

This information for the Microsoft® Windows NT™ Remote Access Service Beta version supplements the *Microsoft Windows NT Advanced Server Remote Access Service Administrator's Guide* and *Getting Started With Remote Access Service* with new information on the following topics:

Topic	Description
Network adapter cards	Tells how to order Digiboard adapters and how to set up the Remote Access Service without a network adapter card.
Installing from a network server	Tells how to install the Remote Access Server software from a network server.
Selecting and browsing domains	Tells how to join a domain, log on to a domain you have joined, and how to improve performance by turning off browsing.
Troubleshooting modem problems	Recommends steps to take if a client has modem problems and provides a list of modems that are supported for this release.

## Network Adapter Cards

This section tells you how to do the following:

- Order Digiboard adapters.
- Set up Remote Access on a computer without a network card.

## Getting Beta Windows NT Drivers for Digiboard Adapters

To get a Digiboard adapter, follow these steps:

1. Call Digiboard at (612) 943-9020.
2. Ask for Customer Service.
3. Identify yourself as a Windows NT beta tester.

Digiboard will provide you with beta Windows NT serial drivers and if necessary will direct you to the nearest Digiboard distributor, where you can buy a Digiboard adapter.

# Setting Up Remote Access on a Computer With No Network Adapter

## □ To set up Windows NT on a computer that has no network adapter

1. Install the Windows NT system in Custom Mode.
2. On the Add Network Adapter screen select “<none> Network interface to be chosen later.”
3. Click Continue.
4. In the Network Settings screen, click Add Software.
5. Select Remote Access Service.
6. Click Continue.  
You will be prompted to enter a full path.
7. If you are installing from a CD, type  
**D:\i386**  
If you are installing from a floppy disk, type **A:** or **B:** (depending on which floppy drive you are using). You will then be prompted for the appropriate Remote Access disk.
8. Insert appropriate disk, and click OK.
9. On the Remote Access Configuration screen, click Continue to accept the default modem, or click Configure to select a new modem model.
10. On the Network Settings screen, click OK.
11. On the Domain/Workgroup Settings screen, click OK.
12. Do not try to select a domain because you are not yet connected to the network.

# Installing from a Network Server

To install the Windows NT Remote Access Service from a network server, you must install the Windows NT system, and then install the Remote Access Service.

## □ To install the Windows NT system from a network server

1. Connect to the network drive that has the Windows NT Setup software. For example:  
`net use z: \\server\cdshare`
2. Change to the network drive, and type

### WINNT

Follow the instructions to complete installation of the Windows NT system.

□ **To install the Windows NT Remote Access Service from a network server**

1. Connect to the network drive that has the Windows NT Setup software. For example:

```
net use z: \\server\cdshare
```

2. Start the Windows NT Control Panel, and double-click the Network icon.
3. Click Add Software.
4. Select Remote Access Service, and click Continue.

When prompted, type in the drive letter for Windows NT Setup software.

Follow the instructions to complete the Windows NT Remote Access Service installation.

## Selecting and Browsing Domains

This section tells how to do the following:

- Join a domain.
- Log on to a domain you have joined.
- Turn off domain browsing to speed up system response over slow connections.

## Joining a Domain From a Remote Workstation

□ **To join a domain from a remote workstation**

1. Start the Remote Access Service.
2. Connect to the network.
3. Start Windows Control Panel, and double-click the Network icon.
4. Click the Change button next to your workgroup name.
5. In the Domain box, type the name of the domain you want to join.
6. Click OK.
7. Wait while network control panel joins the domain.
8. When you have successfully joined the domain, a welcome screen appears. Click OK.
9. On the Network Settings screen, click OK
10. When prompted to reboot, click Yes.

## Logging On to a Domain From a Remote Workstation (After Joining the Domain)

### □ To log on to a domain from a remote workstation

1. When the system restarts, log on to your computer.
2. Start the Remote Access Service.
3. Connect to the network.
4. From the File menu on the Program Manager screen, click Logoff.
5. On the Logoff screen, click OK
6. On the Windows NT Welcome screen, press CTRL+ALT+DEL to log on.
7. Click the From drop down list, and select the domain you just joined.
8. Type your password for the domain.
9. Click OK

You are now logged on to your domain. Your domain selection is stored and used when you next log on to your computer.

## Turning Off Domain Browsing

To speed up system response when trying to connect to network resources over slow connections, turn off domain browsing.

### □ To turn off domain browsing

1. From the Main group, start the File Manager.
2. From the Disk menu, select Connect Network Drive.
3. On the Connect Network Drive screen, clear the Expand by default box.
4. Click OK.

Now the File Manager will not browse the domain whenever you try to connect to a network drive.



## Troubleshooting Modem Problems

The maximum baud rate enabled for modems using the Remote Access Service is 38400. If your serial port can support higher baud rates, you can change the default maximum baud rate by editing the **maxconnectbps** value in your MODEM.INF file. The MODEM.INF file is in the \SYSTEM32\RAS directory.

If you are having trouble connecting to the Remote Access server, follow these steps:

1. Verify whether the server is running and that the Remote Access Service is on.
2. Try disabling all advanced features for your modem and setting the connect rate to 9600 or 2400. (For more information, see the Remote Access online help.)

For the best performance, clients should use the same type of modem as the server and should match the server's modem configuration (same baud rate and the same features turned off or on).

If you have any modem problems, please report it to Microsoft via the appropriate beta services support channels (for example, CompuServe® or Product Support Services). In your report, include the output of your DEVICE.LOG file, located in the \SYSTEM32\RAS directory.

## Supported Modems

For the beta version, the following modems are supported:

---

ATI 2400 etc/e  
ATI 9600 etc/e  
AT&T® Paradyne ARK DM 424  
AT&T® Comsphere 3810  
AT&T® Comsphere 3811  
AT&T® Comsphere 3820  
AT&T® Comsphere 3830  
AT&T® Dataport  
AT&T® 4024  
Bocamodem M1440  
Cardinal 9600

## Release Notes

---

Codex 2264  
Codex 3220  
Codex 3260  
Codex 3261  
Codex 3262  
Codex 3263  
Codex 3265  
Codex 3260 Fast  
Codex 3261 Fast  
Codex 3262 Fast  
Codex 3263 Fast  
Codex 3265 Fast  
Codex 3220 Plus  
Digicom Scout  
Digicom Scout Plus  
Evercom 24  
Evercom 24E  
Evercom 24E+  
Gateway 2000 Telepath Internal  
GVC SM2400  
GVC SM96  
GVC FM14400  
Hayes® Compatible 1200  
Hayes® Compatible 2400  
Hayes® Compatible 9600  
Hayes® Smartmodem 2400™  
Hayes® Smartmodem™ 9600  
Hayes® Optima 9600  
Hayes® Optima 14400  
Hayes® Ultra 9600  
Hayes® Ultra 14400  
Hayes® V Series 9600  
Intel® SatisFAXtion® 400e  
Intel® 9600EX  
Megahertz P2144 Pocket Faxmodem  
    The **maxconnectbps** value (in the MODEM.INF file) is set to 9600.  
MicroComQX 4232bis  
    Advanced features disabled; MAXCONNECT set to 19200.  
MicroComQX 4232HS  
    Advanced features disabled; MAXCONNECT set to 9600.



MicroPorte 1042  
NEC® 9635E Plus  
Null Modem 4800  
Null Modem 9600  
Null Modem 19200  
Null Modem 38400  
Practical Peripherals 2400SA  
    Works as a client modem only.  
Practical Peripherals 9600SA  
Practical Peripherals 14400SA  
Racal-Milgo 2412  
Racal-Milgo 3222  
Racal-Vadic 9632PA  
Racal-Vadic 9642PA  
SupraModem 2400  
Supra Fax Modem V32  
Supra Fax Modem V32bis  
Supra Fax Modem Plus  
Telebit® QBlazer  
    PEP is disabled.  
Telebit® T1500  
    PEP is disabled.  
Telebit® T1600  
    PEP and advanced features are disabled.  
Telebit® T2000  
    PEP is disabled.  
Telebit® T2500  
    PEP is disabled.  
Telebit® T3000  
    PEP is disabled.  
Telebit® TrailBlazer® Plus  
    PEP is disabled.  
Telebit® WorldBlazer  
    PEP is disabled.

## Release Notes

---

UDS Motorola® V.3227  
UDS Motorola® V.3229  
UDS Motorola® FasTalk V.32/42b  
US Robotics Courier Dual  
US Robotics Courier HST  
US Robotics Courier V.32bis  
US Robotics Sportster 2400  
Zoom AFX  
Zoom FX 9624V  
Zoom VFX V.32bis  
ZyXel U-1496  
ZyXel U-1496E

---

### NOTE

If you are using a modem that isn't on this list, try using Hayes Compatible 2400 or the Hayes Compatible 9600. If this doesn't work, see your modem documentation.

---

## Unsupported Features for Beta Version

The following features are not supported for this beta release:

- Third party security devices, such as scripted and interactive pre-connect and post-connect switches.
- X.25 server functionality for the Windows NT system. However, X.25 clients do have dial-up capability.
- ISDN functionality.