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# Release Notes for the BayStack Instant Internet Version 7.11.2



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**CAUTION:** To avoid bodily injury from hazardous electrical shock, never open the Instant Internet unit. There are no user-serviceable components inside.

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## Introduction

This document contains release notes for the BayStack Instant Internet version 7.11.2 on:

- [Using Windows ME and Instant Internet](#)
- [Installing Instant Internet in a Windows NT environment](#)
- [Using Windows 2000 and Instant Internet](#)
- [Using Microsoft Internet Explorer with Web cache](#)
- [Upgrading a V.35 or X.21 unit to an S series unit](#)
- [Setting the Aux port speed for out-of-band management](#)
- [Using the IICTL program](#)

## Using Windows ME and Instant Internet

Microsoft® has confirmed an issue with Windows ME and 16-bit Winsock applications. If you are running Windows ME and experience failures for Instant Internet utilities, you have two options:

- Download the appropriate Microsoft patch from:  
[http://support.microsoft.com/support/kb/articles/Q279/8/66.ASP?LN=EN-US&SD=gn&FR=0&qry=Q279866&mk=1&src=DHCS\\_MSPSS\\_gn\\_SRCH&SPR=MSALL](http://support.microsoft.com/support/kb/articles/Q279/8/66.ASP?LN=EN-US&SD=gn&FR=0&qry=Q279866&mk=1&src=DHCS_MSPSS_gn_SRCH&SPR=MSALL) and follow the instructions to apply the patch to Windows ME.
- Try removing Dial-Up Networking to see if that solves the problem:
  - a** Choose Start > Settings > Control Panel.
  - b** Click Add/Remove Programs.
  - c** From the Windows Setup tab, double click to select Communications.
  - d** In the Communications dialog box, uncheck Dial-Up Networking.
  - e** Click OK.

If you continue to experience problems with Windows ME and Instant Internet after installing the Microsoft patch, contact one of the Nortel Networks Technical Solutions Centers. For contact information, see the manuals that came with your Instant Internet unit.

## Installing Instant Internet in a Windows NT environment

When you install Instant Internet on a computer running Windows NT® (3.51, 4.0 or Windows 2000), you must have administrator rights on that computer.

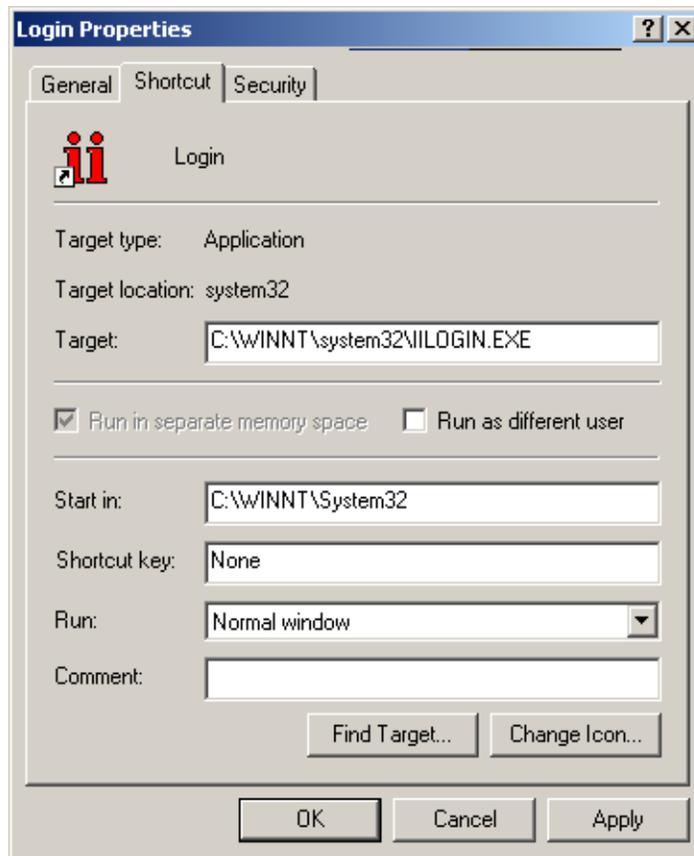
## Using Windows 2000 and Instant Internet

If you use the Windows 2000 operating system, members of your network that do not have administrative rights may find that iiLogin cannot connect to the Instant Internet unit. In this case, the iiLogin icon remains red instead of turning green. You can correct this problem by logging in with administrative rights and adding a parameter to the iiLogin command line.

To edit the iiLogin command line to correct the problem between Instant Internet and Windows 2000:

- 1** Right click the Start button.
- 2** Choose Open All Users.  
The Start Menu window opens for all users.
- 3** From the Start Menu window, open the Programs folder.
- 4** From the Programs folder, open the Startup folder.
- 5** In the Startup folder, right click Login and select Properties.

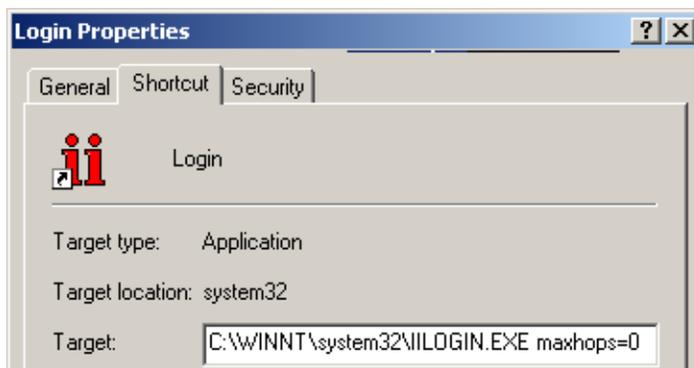
The Login Properties dialog box opens with the Shortcut tab displayed ([Figure 1](#)).

**Figure 1** Login Properties dialog box**6** In the Target field, do one of the following:

- If you have set Instant Internet to be the gateway for the computer, add `maxhops=0` (Figure 2).

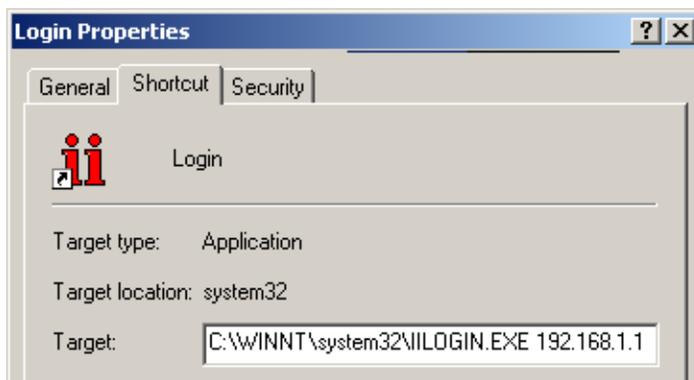
`C:\WINNT\System32\IILOGIN.EXE maxhops=0`

**Figure 2** Login Properties dialog box when Instant Internet is the gateway



- If you have not set Instant Internet to be the gateway for the computer, add the Instant Internet unit's IP address ([Figure 3](#))  
`C:\WINNT\System32\IILOGIN.EXE xxx.xxx.xxx.xxx`  
where xxx.xxx.xxx.xxx is the IP address of the Instant Internet unit, for example: 192.168.1.1.

**Figure 3** Login Properties dialog box when Instant Internet is not the gateway



- 7 Click Apply.
- 8 Click OK.

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## Using Microsoft Internet Explorer with Web cache

If you use Microsoft Internet Explorer version 5.5 or older with the Web cache functionality of Instant Internet, you may not be able to use Internet Explorer to update the cache. In this case, you have to wait until the cache content expires. Microsoft Internet Explorer versions 5.5 SP1 and newer have corrected this problem.

Additionally, if you use Microsoft Internet Explorer version 5.5 with the Web cache functionality of Instant Internet and you save the Web sites configured on the Instant Internet unit (Web Cache > Web Sites > Backup > Save) to disk, Internet Explorer saves the Web page instead of saving the Web sites configured on the unit.

To save the Web sites configured on the unit:

- 1 On the unit's Web page, click Web Cache.
- 2 On the Web Cache page, click Web Sites.
- 3 On the Web Sites page, click Backup.
- 4 On the Backup Web Sites page, click Save.

The File Download dialog box opens.



**Note:** The name of the file to be saved should be default.web but it is backup instead.

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- 5 Select Open this file from its current location and click Ok.
- 6 Do one of the following:
  - If the Web cache backup list opens, choose File > Save as. Next, choose Text File (\*.txt) in the Save as file type field and click Save.
  - If the File Download dialog box redisplay with the file name changed to default, choose the Save to disk option and click OK.

The correct file is now saved to disk. However, if you saved the file as a Text file, you will need to look for that file instead of the .web file for the Restore.

## Upgrading a V.35 or X.21 unit to an S series unit

The V.35/X.21 card used on the Instant Internet 400-S unit has a universal interface and the wiring selects the line drivers. Note that the connector on the V.35 or X.21 card for the Instant Internet 400 models is the same as the connector for the V.35/X.21 card for the Instant Internet 400-S model. However, the specific cables used for each model are not compatible. Therefore, you cannot use the same cable for your Instant Internet 400-S as you used for your Instant Internet 400 without some modification to the cable.

## Setting the Aux port speed for out-of-band management

Using the configuration switches on the rear of the Instant Internet 100-S or Instant Internet 400-S unit, you can change the Aux port connection speed from 115200 to 9600 baud in order to use a device or terminal emulation software that does not support 115200 baud.

During the power-up sequence, your Instant Internet unit checks the settings of the configuration switches to determine certain configurations. If switch number 4 is on, the Aux port connection speed is set to 9600 baud. If switch number 4 is off, the Aux port connection speed is set to 115200.

[Table 1](#) shows the switch settings for configuring your Aux port speed to 9600 baud.

**Table 1** Switch settings for setting the Aux port speed to 9600 baud

	1	2	3	4	5	6	7	8
<b>OFF</b>	•	NA	NA		NA	NA	NA	NA
<b>ON</b>		NA	NA	•	NA	NA	NA	NA

[Table 2](#) shows the switch settings for configuring your Aux port speed to 115200 baud.

**Table 2** Switch settings for setting the Aux port speed to 115200 baud

	1	2	3	4	5	6	7	8
<b>OFF</b>	•	NA	NA	•	NA	NA	NA	NA
<b>ON</b>		NA	NA		NA	NA	NA	NA

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## Using the IICTL program

The IICTL program is a 32-bit console program available for Windows 95 or newer operating systems. This program allows you to bring a group of interfaces up or down or to enable or disable them from a batch file.

With IICTL, you can regulate the hours that users can access the Internet by disabling all relevant interfaces for a specific period of time. IICTL provides a means for automating this process using the Windows scheduler or a third-party scheduler product.

“IICTL /?” shows the following help screen.

```
Copyright (C) 2000 Nortel Networks Corporation
```

```
IICTL [/?]
```

```
  Get this help screen
```

```
IICTL name | * [interface]
```

```
  Show information on the interface for a box or all boxes
```

```
IICTL name interface operation [password]
```

```
  Perform the operation on the specified box
```

```
name          Name of the Instant Internet box
```

```
interface     Name of the interface
```

```
operation
```

```
  up          - Bring up the interface
```

```
  down        - Take down the interface
```

```
  enable      - Administratively enable the interface
```

```
  disable     - Administratively disable the interface
```

```
Information for a box is in the following format
```

```
name  MACaddress version
```

```
  interface  IPaddress inbytes outbytes state
```

```
    lastcall
```

```
    status
```

