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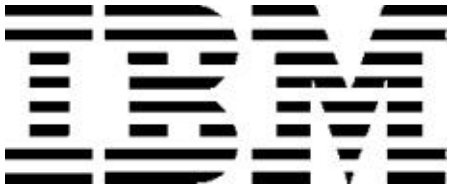
IBM Nways RouteMonitor Manager Users Release Notes

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Nways RouteMonitor Manager Users Release Notes Version 3.0 Windows 95 and Windows NT 4.0

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Revision History

Release	Revision	Date	Description of Changes
3.0	A	4/29/97	Initial Release for Windows ’95 and Windows NT 4.0

1. Introduction

These release notes cover the basic feature set supported for IBM Nways RouteMonitor Manager (NRMM) Version 3.0.

IBM Nways RouteMonitor Manager runs on Microsoft Windows 95 and Windows NT 4.0.

These release notes include known limitations, bugs, and known work-arounds for IBM Nways RouteMonitor Manager.

Please read the applicable sections in their entirety as they contain important operational aspects that may impact successful use of IBM Nways RouteMonitor Manager.

2. Feature Set Supported

IBM Nways RouteMonitor Manager Version 3.0 supports the feature set released with IBM Nways RouteSwitch Version 3.0.2 software and includes:

- Pie Charts
- Meters
- Port Utilization
- Support for CSMad FCSM Statistics

IBM Nways RouteMonitor Manager must be used with IBM Nways RouteSwitch release 3.0.2 for full compatibility.

3. Technical Support and Service Contacts

This section provides contacts for help if you have questions about the IBM RouteSwitch products or if a RouteSwitch product is not working correctly. It also explains how to access the IBM electronic sites to obtain the latest versions of microcode and release notes.

Electronic Support

This section explains how to access the IBM electronic site to obtain the latest version of microcode, drivers, and software by using the Internet World Wide Web, FTP, or the IBM BBS.

- WWW: **http://www.networking.ibm.com/** - This is the IBM Networking home page. From here, you can access product announcements, publications, and other information regarding hardware and software updates, and a technical support information database. The direct path to the support area is: **http://networking.ibm.com/nes/neshome.html/.**
- FTP: **lansupport.raleigh.ibm.com**\
- IBM Bulletin Board System: Using a modem you can access the IBM BBS to obtain the latest versions of software. Set your modem and communications software to 8 data bits, no parity, and 1 stop bit. Dial one of the following numbers:
    - United States: (919) 517-0001
    - Toronto: (905) 316-4255
    - Toronto: (416) 956-7877
    - Vancouver: (604) 664-6464
    - Montreal: (514) 938-3022

Voice Support

IBM Network Hardware support: **1-800-772-2227**. Follow the menu prompts for Network Hardware.

4. Microsoft Windows 95 and Windows NT 4.0

4.1 System Requirements

The minimum system requirements presented in Chapter 1 of the IBM Nways RouteMonitor Manager User's Guide remain valid.

4.2 IBM Nways RouteMonitor Manager Installation

The system installation requirements presented in Chapter 1 of the IBM Nways RouteMonitor Manager User's Guide remain valid.

5. General Instructions and Notes

1. Though there are no known conditions that would cause unexpected results at this time, it is possible that certain conditions will generate unexpected results.
2. IBM Nways RouteMonitor Manager Version 3.0 must be used with IBM Nways RouteSwitch version 3.0.2 for full compatibility.
3. Testing of the software package was not complete -- the test cases performed were a selected subset of the original planned testing.
4. In order to use the network broadcast message on events the NETBEUI protocol must be installed on the sending and receiving machines.
5. When sending a network broadcast message from or to a Windows 95 machine WinPopup.exe must be running.
6. In order to send email on events MS Exchange must be running on the sending machine.
7. Traps are not supported in this release.
8. DCOM for Windows 95 MUST be installed prior to installing any of the 32 bit IBM Nways RouteSwitch Network Manager applications.

This is not a redistributable product from Microsoft yet so we can not ship it with the software. Therefore it must be downloaded from Microsoft at http://www.microsoft.com/oledev/olemkt/oledcom/dcom95.htm and installed.

6. Known Problems

The problems listed here cover all problems known at the time of the release of IBM Nways RouteMonitor Manager V3.0 for Windows 95 and Windows NT 4.0. All problems are scheduled for repair or implementation in future releases.

6.1 IBM Nways RouteMonitor Manager

When dragging an item from IBM Nways RouteTracker Manager or RouteDirector into IBM Nways RouteMonitor Manager the item added to the Legend Bar does not have all the information it needs to select the proper settings in edit mode for that item. For example if a port is dragged in from IBM Nways RouteTracker Manager the graph would start monitoring the port utilization for that port. If later the color of that item needed to be changed and that item was brought into edit mode in the Add/Edit Item dialog the proper selections would not be made in the tree. All of the settings can still be changed but the information in the tree would not reflect what was being monitored.

Problem Report 4497

Double-click launch on icon for *.NWM files not functioning under Windows 95. IBM Nways RouteMonitor Manager launches but quits before completion with message:

"C:\ProgramFiles\IBM Nways RouteSwitch Network Manager\System\filename.NWM (or one of its components). Make sure the path and file name are correct and all required libraries are available."

Work-around: Start IBM Nways RouteMonitor Manager and open *.NWM with File|Open menu, or Drag-and-drop the file into an active IBM Nways RouteMonitor Manager.

Problem Report 3598

The last three colors offered in the Event Add Item dialog, orange, pale yellow, and pale blue, Severity: and Color: do not render in the Event Log. The colors are replaced by "approximate" colors from the palette.

Work-around: Set display color palette to 32K or more colors.

Problem Report 3601

If the user selects the menu item File|Send in IBM Nways RouteMonitor Manager and sends mail through the MS Exchange Window, IBM Nways RouteMonitor Manager sometimes under Windows 95 becomes unresponsive and must be terminated with Task Manager. I have found that the Windows 95 operating system is unstable after this event and requires reboot of Windows 95.

Work-around: None.

Problem Report 4502

36 Port Expander or 8276-300 Series, 900138-00, does not expand in the IBM Nways RouteMonitor Manager Add item.. and Modify item.. switch trees.

Work-around: None. Implementation scheduled for future release.

Problem Report 4671

The % CPU utilization does not connect to switches having an mpm in slot 2, as would be the case in a dual-redundancy switch-over.

Work-around: None.

Problem Report 4691

64 item statistics, even with no timer, slows NT to near standstill. The NT operating system begins to get unnaturally slow at about 50 items. The disk light will stay on for long periods, and when all 65 items are in, the disk activity light will stay active for five minutes or more. Mouse movement becomes sluggish to non-responsive.

Work-around: Exercise discretion on the number of items polled in NT environment.

6.2 SWITCHfinder

Problem Report 4637

Properties, such as the name, the IP address, or community string, for configured switches cannot be changed.

Work-around: Delete the switch requiring changes.

Problem Report 4721

Polled Variable dialog allows user to select own list of variables to be polled. The user must have sufficient knowledge of tables originally polled or IBM Nways RouteMonitor Manager functionality can be severely impacted. Once the original defaults are changed, there exists no return path f reapplication of original defaults

Work-around: The only real recourse is to load a new IBM Nways RouteMonitor Manager if defaults are manipulated.

Problem Report 4947

Menu item File|Save and Save as... not implemented yet.

Work-around: Do not use File/Save and Save as... menu items.

Problem Report 4948

Menu item File|Open not implemented yet.

Work-around: Do not use File/Open menu item.

Problem Report 4949

Use of tab and return editing features in SWITCHfinder Properties dialog confusing

Work-around: Recommend users stay with mouse selection unless armed for the confusing selection attributes; i.e., the OK button must be tabbed in twice to transfer added switches to the SWITCHfinder discovery list.

Problem Report 3071

AutoDiscovery is not available in this release.

Work-around: The SWITCHfinder application provided can setup the list for polling into database.

Problem Report 5004

Polling cannot be enabled/disabled on per switch basis.

Work-around: Only way to remove a switch from polling is to delete it.

Problem Report 5013

Apply button in Control Properties dialog does nothing. Apply button grays out, but no previously added switch moves to SWITCHfinder switch list.

Work-around: None. Implementation scheduled for future release.

6.3 MIBComm

Problem Report 4761

Status field length too short for atmcVLANRuleSumTable. The atmcVLANRuleSumTable entry column misaligns the status column in the MIB Communication and Data Status window.

Work-around: None. Fix scheduled for future release.

6.4 Installation

Problem Report 4845

Uninstall can miss deletions from the registry.

Work-around: None. Delete these registry entries by hand.

7. IBM Nways RouteMonitor Manager/IBM Nways RouteSwitch Compatibility Matrix

The following matrices shows the compatibility between the Revisions Releases of the IBM Nways RouteMonitor Manager and the Software Releases of the IBM 8274 LAN RouteSwitch and the IBM Nways 8273 Ethernet RouteSwitch compatibility.

Network Management

	Software Release						
Product	2.0.3	2.0.4	2.0.5	2.1.1	2.1.2	2.1.3	3.0.2
IBM Nways RouteMonitor							
Rev.3.0	No	No	No	No	No	x	x