

EISA Token Ring Release Notes

HP 9000 Networking



**Manufacturing Part Number: J2165-90045
E1200**

United States

© Copyright 2000 Hewlett-Packard Company.

Legal Notices

The information in this document is subject to change without notice.

Hewlett-Packard makes no warranty of any kind with regard to this manual, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose. Hewlett-Packard shall not be held liable for errors contained herein or direct, indirect, special, incidental or consequential damages in connection with the furnishing, performance, or use of this material.

Warranty. A copy of the specific warranty terms applicable to your Hewlett-Packard product and replacement parts can be obtained from your local Sales and Service Office.

Year 2000 Compliance Warranty. Manufacturer warrants that all HP Products will be "Year 2000 Compliant." Year 2000 Compliant products will perform without error, loss of data, or loss of functionality on account of any inability to process, calculate, compare or sequence date data accurately. In addition, Year 2000 Compliant products will not cause any associated HP products or any systems in which they may be used to fail in any of the ways described above. This Year 2000 Compliance warranty will remain in effect through December 31, 2000, notwithstanding any other warranty period specified in this Agreement.

Restricted Rights Legend. Use, duplication or disclosure by the U.S. Government is subject to restrictions as set forth in subparagraph (c) (1) (ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 for DOD agencies, and subparagraphs (c) (1) and (c) (2) of the Commercial Computer Software Restricted Rights clause at FAR 52.227-19 for other agencies.

HEWLETT-PACKARD COMPANY
3000 Hanover Street
Palo Alto, California 94304
U.S.A.

Use of this manual and flexible disk(s) or tape cartridge(s) supplied for this pack is restricted to this product only. Additional copies of the programs may be made for security and back-up purposes only. Resale of the programs in their present form or with alterations, is expressly prohibited.

Copyright Notices. ©copyright 1983-2000 Hewlett-Packard Company, all rights reserved.

Reproduction, adaptation, or translation of this document without prior written permission is prohibited, except as allowed under the copyright laws.

©copyright 1979, 1980, 1983, 1985-93 Regents of the University of California

This software is based in part on the Fourth Berkeley Software Distribution under license

from the Regents of the University of California.

©copyright 1980, 1984, 1986 Novell, Inc.

©copyright 1986-1992 Sun Microsystems, Inc.

©copyright 1985-86, 1988 Massachusetts Institute of Technology. ©copyright 1989-93 The Open Software Foundation, Inc.

©copyright 1986 Digital Equipment Corporation.

©copyright 1990 Motorola, Inc.

©copyright 1990, 1991, 1992 Cornell University

©copyright 1989-1991 The University of Maryland

©copyright 1988 Carnegie Mellon University

Trademark Notices UNIX is a registered trademark of The Open Group.

X Window System is a trademark of the Massachusetts Institute of Technology.

MS-DOS and Microsoft are U.S. registered trademarks of Microsoft Corporation.

OSF/Motif is a trademark of the Open Software Foundation, Inc. in the U.S. and other countries.

EISA Token Ring Release Notes for HP-UX 11i

What's in This Version

The following information is for EISA Token Ring LAN adapters for the V-Class servers and the B, C, and J-Class workstations.

Known Problems and Workarounds

The EISA Token Ring driver does not implement the functionality to change the SNMP MIB ifAdmin status.

Compatibility Information and Installation Requirements

Software Requirements

- HP-UX 11i operating system

Hardware Requirements

- HP-UX SPP2200 Server or B, C, or J-Class workstation
- CD-ROM drive

Memory and Disk Space Requirements

- 16 MB memory
- 500 KB free disk space

Install/Upgrade With System UP or Down

- Install the EISA Token Ring adapter with the system down.
- One reboot is required for installation and configuration.

Installing and Upgrading EISA Token Ring

The EISA Token Ring card is not customer-installable in V-Class servers, but it is customer-configurable. We recommend that only qualified HP Customer Engineers access V-Class systems to install I/O cards.

The EISA Token Ring card is customer-installable and configurable on the B, C, and J-Class workstations.

Patches and Fixes for this Version

Patch PHNE_17942:

- **lanadmin reports card down when it is not.**
A code change in the EISA Token Ring initialization function has fixed this defect.
- **Connecting the EISA Token Ring card causes a system crash.**
The driver software has been changed to check for physically contiguous space returned by MALLOC. MALLOC is re-tried up to 100 times to prevent a system hang. If this is exceeded, the card is kept in the down state.
- **'snmpwalk' shows inconsistent values.**
The driver software has been modified to call get_nmid() only once per instance.
- **When an EISA Token Ring card is used with other Token Ring cards supporting 4500 MTU size, the network may hang.**
The maximum MTU size for EISA Token Ring has been increased to 4500. The default MTU is now set to 4170. The user may increase this up to 4500 using the `lanadmin` command, if desired.
- **SAM gives an error when configuring the EISA Token Ring card.**
The initialization script has been modified to use the correct syntax for the shell command.
- **The "swverify(1M)" command will try to verify control scripts such as "configure", "verify", "postinstall" and "checkinstall" for ownership and permissions. Since these are control scripts, "swverify(1M)" should not perform this check on them.**
This defect has been fixed.