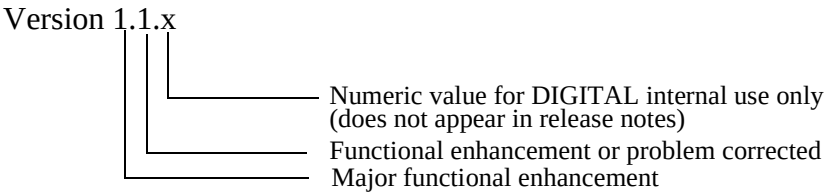
digital™

AA-R0KYB-TE

DIGITAL MultiSwitch Hub 624T Version 1.1 Release Notes April 1997

As warranted, DIGITAL changes the firmware of this device to make functional enhancements or to correct reported problems. These release notes identify enhancements and changes to the firmware that impact end-user operations. They also contain firmware and software requirements, and list updates in this release as well as known conditions and restrictions that apply to the operation of the DIGITAL MultiSwitch Hub 624T module.

The following example describes the firmware version number:



Contents

Firmware Requirements

When you are configuring the DIGITAL MultiSwitch Hub 624T module in a DIGITAL MultiSwitch 600 System containing a Stack Director, ensure that the DIGITAL MultiSwitch 600 Stack Director firmware is Version 1.1 or higher.

When you are configuring the DIGITAL MultiSwitch Hub 624T in a DEChub 900 MultiSwitch, please make sure that the DEChub 900 MultiSwitch firmware is Version 5.0 or higher.

Hardware Requirements

The minimum hardware revision level for the DIGITAL MultiSwitch Hub 624T module that is required to support this release of firmware is hardware version C/D.

The minimum hardware revision level of the optional MM-10 daughter cards is listed below:

MM-10	Revision
10BaseFL	C02
Reverse AUI	A01
10Base2	B01
AUI	C01
10BaseT	B01

Software Requirements

If you are using clearVISN software to manage the module, you must install clearVISN software Version 1.1 or higher. Note that clearVISN Version 1.1 requires DEChub 900 MultiSwitch Version 5.0 or DIGITAL MultiSwitch 600 Stack Director Version 1.1 or higher.

Fixed in This Release

Eliminates the condition that two or more DIGITAL MultiSwitch Hub 624T modules may experience network throughput degradation when interconnected via their backplane ThinWire, front panel UTP, or MM-10 ports.

Known Conditions and Restrictions

The following conditions and restrictions apply to the DIGITAL MultiSwitch Hub 624T module.

- When you hot-swap an MM-10, the firmware does a quick restart which may result in lost network connectivity for 2 or 3 seconds. This will be addressed and fixed in a future release of the firmware.
- When a 12-Port card is inserted and removed, the network configuration for the internal and backplane LAN is not preserved in DEChub 900 MultiSwitch or DIGITAL MultiSwitch 600 System platforms. You need to reconnect the internal LAN and the backplane LAN using MCM Lan Interconnect window. You also need to refresh the front panel screen before you enter Lan Interconnect screen.

- 10BaseFL MM-10 always recognizes incoming link test pulses, even when the outgoing link is disabled.
- Do not leave any ports disconnected when the DIGITAL MultiSwitch Hub 624T is configured as a responder using the redundant#link configuration. This may result in incrementation of the following counters:
  - — erptrHealthTextChanges
  - — erptrMauMediaAvailableChanges
  - — erptrPortPartitions
  - — erptrDprLinkStateChanges
- If you have one workstation connected to a port and that workstation is generating traffic and if you use HUBwatch to enable address learning for that port, the port will not learn that workstation's address because the DIGITAL MultiSwitch Hub 624T does not see a change in its last source address.

Hot-Swapping

Hot-swapping is the removal or insertion of a module into either the DIGITAL MultiSwitch 600 System or the DEChub 900 MultiSwitch without disrupting power to the unit. Do not hot-swap more than one module at a time. Simultaneously inserting or removing more than one module can cause problems with the operation of other installed modules.

clearVISN

This software section provides information on clearVISN software.

Support for Products

clearVISN V1.1 software provides support for the DIGITAL MultiSwitch Hub 624T products. Refer to the clearVISN documentation and Release Notes for details on the use of clearVISN MultiChassis Manager and clearVISN Stack Manager.

Support for Flash Loader Application

The Flash Loader application may be used to upgrade the firmware in the DIGITAL MultiSwitch Hub 624T product, if needed.

Support for Recovery Manager

The Recovery Manager is not supported in clearVISN Version 1.1.

MIB and RFC Information

The DIGITAL MultiSwitch Hub 624T module supports the following MIBs and RFCs:

- MIB II, RFC 1213
- IETF repeater MIB, RFC 1516
- DEChub 900 repeater MIB extensions Version 2.0
- DEChub 900 common MIB Version 2.0
- RMON MIB RFC 1271

MIBs can be accessed using the following:

http://www.uwaterloo.ca:81/uw-infroserv/rfc.html

or

ftp://ds.internic.net/rfc/

Accessing Online Information

Network Product Business Web Site

Further information on this network product or topic is available on Digital's Network Product Business (NPB) Web Site as well as its Bulletin Board System. Both systems maintain a common, rich set of up-to-date information on NPB's products, technologies, and programs.

The Web Site can be reached at geographic locations via the following URLs:

North America Network Product Business Home Page	http://www.networks.digital.com/
Europe Network Product Business Home Page	http://www.networks.europe.digital.com/
Australia Network Product Business Home Page	http://www.digital.com.au/networks/
Digital Equipment Corporation Home Page	http://www.digital.com/

To get firmware and MIB information, please choose the Technical Information link, and from there choose the Technical Information (Drivers, Manuals, Tech Tips, etc.) link. You will see a listing of all the products available on the NPB Web Site.

To connect to the Network Product Business Bulletin Board System, you need a PC and a modem. Dial 508-486-5777 (U.S.A.). Set your modem to 8 bits, no parity, 1 stop bit.

Using Electronic Mail

The Network Information Center (NIC) of SRI International provides automated access to NIC documents and information through electronic mail. This is especially useful for users who do not have access to the NIC from a direct Internet link, such as BITNET, CSNET, or UUCP sites.

You can access MIBs and RFCs using the following:

ftp://ds.internic.net/rfc/

To use the mail service, follow these instructions:

1. Send a mail message to **SERVICE@NIC.DDN.MIL**.
2. In the SUBJECT field, request the type of service that you want followed by any needed arguments.

Usually the message body is ignored, but if the SUBJECT field is empty, the first line of the message body is taken as the request.

The following example shows the SUBJECT lines you use to obtain DDN NIC documents:

HELP

RFC 822

RFC INDEX

RFC 1119.PS

FYI 1

IETF 1IETF-DESCRIPTION.TXT

INTERNET-DRAFTS 1ID-ABSTRACTS.TXT

NETINFO DOMAIN-TEMPLATE.TXT

SEND RFC: RFC-BY-AUTHOR.TXT

SEND IETF/1WG-SUMMARY.TXT

SEND INTERNET-DRAFTS/DRAFT-IETF-NETDATA-NETDATA-00.TXT

HOST DIIS

Requests are processed automatically once a day. Large files are broken into separate messages.