IBM 8260 Multiprotocol Intelligent Switching Hub Ethernet Flexible Concentration Module Release Note

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This release note applies to the IBM 8260 Ethernet Flexible Concentration Module (Model Number E04M-MOD) with Distributed Management Module (DMM) software Version 2.2 or later and the following Ethernet Flexible Concentration Module I/O cards:

- ❑ BNC 10BASE-2 (Model Number E3–BNC)
- ❑ Female AUI (Model Number E3-AUIF).

Note: *Software prior to DMM software Version 2.2 does not support the Ethernet Flexible Concentration Module nor its associated I/O cards.*

To display the current software version, enter the SHOW MODULE command for the slot containing the Ethernet Flexible Concentration Module (Model Number E04M-MOD).

This release note consists of the following sections:

- ❑ Operating Considerations
- ❑ Cautions
- ❑ Documentation Issue.

Operating Considerations

This section describes operating issues that exist for the 8260 Ethernet Flexible Concentration Module (Model Number E04M-MOD) being managed by DMM software Version 2.2 or later:

- ❑ Software Support
- ❑ Statistics Issue
- ❑ Inaccurate Event Counters.

Software Support

The Ethernet Flexible Concentration BNC 10BASE-2 and the Female AUI I/O Cards are supported *only* by Ethernet Flexible Concentration Module software Version 1.01.

Statistics Issue

Occasionally, the SHOW COUNTER REPEATER and MONITOR REPEATER commands display invalid data. When this condition occurs, all counters and source addresses briefly display a value of 0 and then resume counting again.

To correct this condition, repeat the command Ctrl-R on the DMM.

Inaccurate Event Counters

In some long multi-repeater networks, short events may be generated occasionally by the repeater when you issue the SHOW COUNTER command.

Cautions

Read the following caution before you install an Ethernet Flexible Concentration Module into your hub.

Caution: Do not install an 8260 Ethernet Flexible Concentration Module (Model Number E04M-MOD) into a hub without I/O cards inserted in the module.

Documentation Issue

This section applies *only* to the IBM *8260 Ethernet Flexible Concentration Module User's Guide (SA33-0357-0)*. The section contains additional information to a specific area in the *8260 Ethernet Flexible Concentration Module User's Guide* and will be added to the next revision of the user's guide.

Chapter 3, Installing the Modules, will include the new section titled *General Installation Rules*.

The following general rules apply when installing and replacing I/O cards on an Ethernet Flexible Concentration Module:

- ❑ Install daughtercards (E-MAC or E-SEC) on the Ethernet Flexible Concentration Module before you install I/O cards.
- ❑ If you insert different types of I/O cards after configuring the module, you *must* reconfigure the module if the number of ports or media type changes.
- ❑ If you replace an I/O card and the existing I/O card port number and media type remain constant, then the module configuration *does not* change.

- I/O card ports are numbered sequentially from top to bottom on an Ethernet Flexible Concentration Module. When you replace or install I/O cards, existing I/O cards installed in the bays below the newly-installed I/O card *must* be reconfigured.
- When you issue the SHOW MODULE command, follow these guidelines when you number the subslot parameters:
  - Ethernet Flexible Concentration Module occupies subslot 1.
  - Daughtercards occupy subslots 2 and 3.
  - I/O cards in the Ethernet Flexible Concentration Module occupy subslots 4, 5, 6, and 7 (depending on the type of I/O card installed). Male AUI and Female AUI I/O cards occupy subslots 4 and 5 or 6 and 7.

Note: Ethernet Flexible Concentration Modules can occupy any slot in the hub.