8250 FDDI Management Module Release Note
for Software Version 2.00
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This note contains information regarding the operation of the 8250 FDDI Management
Module (FMM) V2.00 software for both the FMM Multi-mode (3827) and the FMM
Single mode (6717). Add this note to the binder containing your *8250 FDDI
Management Module Installation and Operation Guide* (Document Number
SA33-0217).

IMPORTANT

FMM V2.00 requires all 8250 FDDI media modules that reside in the same
8250 or 8260 hub to be at V3.xx or greater. If an FDDI media module is at
a software version prior to V3.xx, your network may experience
connectivity issues with the stations connected to the media modules. The
connectivity issues are due to the SMT incompatibilities between the two
versions of software.

This release note consists of the following sections:

- SMT Operating Dependencies

- Operating Considerations

- Known Problems

- Unsupported Module Information

- Corrected Problems

- Documentation Correction.

SMT Operating Dependencies

If an FMM V1.xx resides in the same 8250 or 8260 Multiprotocol Intelligent Hub with FDDI media modules V3.xx, you will experience connectivity issues with the stations connected to the FDDI media module. This is also true when an FMM V2.00 resides in the same hub with FDDI media modules at a version prior to V3.xx.

The connectivity issues due to the SMT incompatibilities within the hub. FDDI modules using SMT Version 7.3 are incompatible with FDDI modules using SMT Version 6.2. Ensure that your FDDI management and media modules are using the same SMT version.

The following versions of FMM and FDDI media modules support the SMT values listed:

- FMM V2.00 and FDDI media modules V3.xx use SMT Version 7.3.
- FMM V1.xx and FDDI media modules V2.00 use SMT Version 6.2.

The FMM shipment contains a diskette with FDDI media module V3.xx software. The V3.xx diskette allows you to upgrade all of your FDDI media modules which are at a version prior to V3.xx for SMT 7.3 compatibility with FMM V2.00.

Note: When upgrading an FMM and an FDDI media module to the following versions, you must upgrade the FMM first. You may then upgrade the FDDI media module.

- From FMM V1.xx to FMM V2.00
- From an FDDI media module V2.00 to an FDDI media module V3.xx.

Operating Considerations

The following information describes operating considerations for the FMM V2.00.

1. Be aware that user-level login access can use the CLEAR COUNTER commands.

2. Be aware that traps are not displayed on Telnet-connected FMM sessions.

Known Problems

This section lists known problems and important information you need to know prior to installing your FMM:

1. Be careful when performing downloads to the various modules to ensure that you are using the correct file type. Currently, the FMM does not verify that the correct code is being downloaded to the module. Therefore, it is possible to inadvertently download media flash code to the FMM.

2. The Network Utilization % value displayed on the SHOW COUNTER NETWORK screen and on the MONITOR screen is only accurate for actual network loads between 0 and 88%. Therefore, a value of 100% is displayed for any load greater than 88%.

3. When downloading five to seven FDDI media modules simultaneously from an FMM in an 8260 hub, not all of the media modules may download successfully. When you attempt to download the FDDI media modules, the Download LED lights, but the media modules may not download correctly and may not boot up again. To install the new software in the modules that failed the download:

   • Reset the hub once the download is complete.

   • Try the download again on the modules that were not upgraded.

4. You can set the IBM MIB variable TTYTimeout to a value of up to 255 using SNMP, while the terminal interface only allows a maximum of 30.

5. After issuing the SET ALERT Command, you can log out, or issue the RESET DEVICE command, without being warned of unsaved changes. Use the SAVE ALERT command whenever you change alert settings.

6. If you Telnet to an FMM and then do not log in to the FMM, you must exit that session at the source. The FMM does not time out the session automatically.

7. If you have a DMM in the same 8260 hub as an FMM, the mastership priority of the DMM must be higher than 5. If an election occurs with the value set to less than 6, the management modules become stuck in the election process.

8. If you change a value on a module using the SET MODULE command, then issue the RESET MODULE command for that module (or download new code to the module) without issuing the SAVE MODULE_PORT command:

   - You are not warned of unsaved changes
   - The module is reset
   - The changes are lost.

   To save any configuration changes you make, issue the SAVE MODULE_PORT command.

9. The SET LOGIN PASSWORD command allows you to type up to 100 characters at the prompt. Be aware that the true password is truncated at 15 characters. Use passwords that are 15 characters or less.

Unsupported Module Information

1. FDDI Fiber Media Modules at versions prior to V3.xx are not compatible with the FMM V2.00. If you have an FDDI media module with a version prior to V3.xx in a hub with FMM V2.00 and enter the SHOW MODULE ALL command from an FMM V2.00, the message "Update software to latest rev." is displayed in the General Information field. This indicates that you must update the media module to V3.xx. Contact your IBM Service Representative for upgrade information.

2. The 8250 10BASE-T Security Module is currently not supported.

Corrected Problems

The following is a list of problems from V1.10 that have been corrected in V2.00.

1. If an SNMP Set is performed on any variables in the IBM MIB TTY table, the value is set correctly, but the following error message is displayed:

```
Error Code set in packet – General error: 0.
```

This error message no longer displays.

2. The IBM MIB variable 53nnMMGTModfddiMACPath, though listed correctly as a read-write variable in the IBM MIB, returns a read-only error message for SNMP Set attempts.

This variable no longer returns a read-only error message.

3. The MIBII table IpAddrTable cannot be retrieved as a table; the supported variables within this table (IP Address, Subnet Mask, and Default Gateway) must be retrieved individually.

The MIBII table IpAddrTable can now be retrieved as a table.

4. The IBM MIB variable TTYBaud only supports baud rates up to and including 9600, despite the FMM terminal interface supporting 19.2K and 38.4K baud.

The IBM MIB variable TTYBaud now supports baud rates of 19.2K and 38.4K.

Documentation Correction

The SET ALERT command described in the *8250 Management Commands Guide* states that Slot Up and Slot Down traps are transmitted regardless of the Set Alert Screen setting. This is true only for the 8250 Ethernet Management Module and the 8250 Token Ring Management Module.

The Set Alert Screen setting on the FMM determines whether or not Slot Up and Slot Down traps are transmitted.