IBM 8230 Models 04A and 04P - Summary of Microcode Changes

This file defines the changes that were made to the Service Facility Support Disk. For completeness, the changes to the base 8230 Model xx3 CMOL and SNMP Support Disks are listed after the initial release note for the new 8230 Models 04A and 04P Service Facility Support Diskette.

Changes for release version 1.1.0

- Initial release of the single-MAC recovery code to support the RI/RO features of the Models 04A and 04P.
- Includes the 0700 recovery message change listed below for SNMP PTF UR45432 for both CMOL and SNMP operation.

New LNM PTF Required:

For correct graphical representation of the 8230 Model 04x with a RI/RO feature at the LNM station, LNM PTF UR45856 must be applied to LNM. The LNM for OS/2 Version 2.0 graphical representation without this PTF installed will present a Model 04x state that does not match the actual machine state. This PTF will be available from LNM Support in May, 1996.

Summary of Changes to Original 8230 04x SNMP and CMOL Support Disks

The final levels of this code acted as the base for the single-MAC support of the 8230 Models 04A and 04P. Some functions unique to the Model xx3 family, such as LAM and RLAM support, were removed from the code. Other than those changes, all functions listed below continue to be supported in the Models 04A and 04P.

CMOL Support Disk

Release 3.2.0

- The files contained on this diskette are PTF UR44887.
- CMOL support for 8230 Model 003, 013, 213, 04A, 04P
- Supports the following LNM for OS/2 Version 2.0, PTF UR43844 or later.

Initial Release 3.1.0

- CMOL support for 8230 Model 003, 04A, 04P
- CMOL Microcode Level 3.1.0 does not support the following LNM for OS/2 Version 2.0 PTF UR43844 or later.

SNMP Support Disk

Changes for PTF UR45432 (version 5.3.1)

- Corrected recovery routine to remove the '0700' recovery indication from the display. The Version displayed is 5.3.1 with an EC of E41810A.

Note: This is a complete replacement of the SNMP support disk.

Changes for release version 5.3.0

- Added RMON support for 8230 model 3/13 and 213. The RMON information that will be in future updates of the pubs is located at the bottom of readme.txt
- Fixed problem causing occasional PI mac errors during beacon recovery.

Changes for release version 5.2.0

- Added support for the following RMON groups:
  - The Token Ring Mac-Layer Statistics Group
  - The Token Ring Ring Station Group
  - The Token Ring Ring Station Order Group
  - The Token Ring Ring Station Config Group

Changes for release version 4.1.0

- An IP filter is added to the 8230's adapter to filter out frames that are not addressed to the 8230's IP addresses. This enhancement increases the 8230's overall performance and eliminates some congestion problems (error code 0502) as well.

Changes for PTF code version 2.3.0

Note: This is a complete copy of the 8230 Model 3 Token-Ring Controlled Access Unit SNMP Support Disk. (i.e., it does not delta off of a particular release). It contains Remote LAM LIU / Remote LAM support.

- NVTRAPCF.SH was updated to work with Netview V3R1
- Readme.txt was updated with error codes missing from the documentation as of 5/1/95.
- Fixed problem where sometimes the network manager does not receive ARP Response frames from the 8230 for minutes.
- Revised some of the descriptions in the IBM-8230.MIB for greater clarity.

Changes in release 2.1.0

- Added Remote LAM LIU / Remote LAM support.

Changes for 1.4.0 PTF (code version 1.5.0)

- A lobe which has had a speed fault while the 8230 is switched in either 4MB or 16MB mode will still show ”speed fault” for cauLobeFaultStatus after the speed switch is changed to the opposite position.
- Under certain timing dependent circumstances, the 8230 sends a cauLobeStatusChg trap containing an invalid combination of variable values. The cauLobeOperStatus indicates that the lobe is disabled, but the cauLobeAdminStatus indicates that it is enabled and the cauFaultStatus indicates nofault. PTF U434441 for LNM AIX uses this fix. Use normal code update procedures to update:
  - OPV1_X.bin with OPV1_5.bin
  - R232V1_X.bin with R232V1_5.bin
  - RPLV1_X.bin with RPLV1_5.bin

Changes in Release 1.4.0

- Fixed Flash update timing problem where a write to flash error was reported in R232V1_3 and RPLV1_3, or earlier level code.

Changes in Release 1.3.0

- Fixed the CCMF option TFTP(screen 1.0) to reboot and load OPVX_X_X when this module was interrupted during the original download.
- Fixed hot plug problem when LIU modules were disabled intermittently

Changes in Release 1.2.0

- Model 13 loses contact with the SNMP MGR when no RI/RO module is installed
- Enhanced filtering of all stations broadcast frames
- Fixed hot plug problem when LIU modules were not fully seated.

Changes in Release 1.1.0

- Added CCMF option to exit from TFTP to RS232 load
- Added drive distance support for 16Mbps on 3 port active LIU
- Added informational error codes 501 and 502 which indicate temporary congestion