



IBM 8260 Multiprotocol Intelligent Switching Hub Ethernet Security Card Release Note

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This release note applies to the 8260 Ethernet Security Card (E-SEC Part Number 80G3341) at Version v1.01.

This release note contains the following sections:

- Ethernet Security Card Code Support
- DMM Redundancy
- DECnet Node Security Configuration
- Ethernet Security Card Reset Problem
- Configuration Problem

Store this release note in your 8260 Reference Library in the Release Note section.

Ethernet Security Card Code Support

To use the Ethernet Security Card (E-SEC) with the 8260 Ethernet 24-Port 10BASE-T module, 8260 Ethernet 10-Port 10BASE-FB module, or the EC-DMM, you must upgrade the code for each of these modules as follows:

- Upgrade the Distributed Management Module to Version v2.00 code or above
- Upgrade the 24-Port Module (E24PS-6) to Version v1.01 code or above
- Upgrade the 10BASE-FB (E10PS-FB) Module to Version v1.01 code or above

Note: To secure modules with more than 35 ports, you must upgrade to Version v1.01 or above of the E-SEC code.

DMM Redundancy

This problem affects the storage of information in the local EC-DMM tables.

Problem – If a master EC-DMM fails, the switchover to the standby EC-DMM removes the intruder_checking and autolearning port parameters configuration information from the local EC-DMM table.

Solution – Force the standby EC-DMM to become the master EC-DMM by resetting mastership or removing the original master EC-DMM. Configure the standby EC-DMM with the same intruder_checking and autolearning port parameter configuration information as stored on the master EC-DMM. Return mastership to the original master EC-DMM.

DECnet Node Security Configuration

When a DECnet node first boots up on a network, the Ethernet address of the node is overwritten with a DECnet address. This may cause security violations if both the initial MAC Address and the DECnet-modified MAC Address are not configured in the Security Address Table. Note that E-SEC Autolearning may not learn the initial address if enabled after the DECnet node modified its MAC address.

Ethernet Security Card Reset Problem

This problem affects the E-SEC during a module reboot.

Problem – If you issue multiple resets to the E-SEC while the module is rebooting, the E-SEC hangs in a continuous reset loop. Each time the E-SEC reboots, the EC-DMM issues a configuration change trap that includes the network on which the E-SEC is connected.

Solution – To end the reset loop, you must:

1. Remove the E-SEC from the subslot.
2. Issue a SAVE ALL command to clear the invalid E-SEC configuration from non-volatile memory on the EC-DMM.

Configuration Problem

This problem affects the E-SEC during a module reboot.

Problem – If you issue the SET command while the E-SEC is rebooting, the E-SEC hangs in *configuring mode*.

Solution – Reset the E-SEC. When you reset the module, you force it to boot and configure correctly.