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To Whom It May Concern:

This letter is to address the possibility of any user data residing on a Juniper M7i Compact Forwarding Engine Board (CFEB) after the unit has been powered down. The CFEB is part of the Juniper M7i Multiservice Edge Router and is responsible for interfacing the Physical Interface Cards with the router Central Processing Unit. Its purpose is to take in network traffic, determine the destination of the network traffic, and send the network traffic out the appropriate interface. The CFEB is comprised of the following parts:

Here are the board main components:

- The ABC ASIC
- SSRAMs and SDRAM for ABC ASIC
- Connectors to the midplane
- PowerPC processor
- SDRAM DIMM for processor
- The CFEB controller FPGA
- PCI bus
- RS-232 debugging port
- Boot flash EPROM images (programmable on the board)
- JTAG controller
- I2C identity EEPROM containing the serial number and board release
- I2C temperature sensors
- The boot cpld
- The misc cpld for power management
- Hardwired ASP

Of the components listed above, only the Boot flash, I2C ID EEPROM and the battery backed SDRAM for CPU are non-volatile. The Boot flash and SDRAM are part of the Processor complex and do not store any user data. As mentioned above, the I2C EEPROM only contains the serial number of the chassis and the board release.

All other components of the CFEB are volatile, so they do not store any information after power is lost. Juniper Networks certifies that no user data/information is stored in the non-volatile components of the M7-series routers, and that all data is lost from volatile components when powered is removed.

Thank you for choosing Juniper Networks. We look forward to continuing to help you meet your networking needs.

Respectfully yours,

Bob Fortna  
Vice President Federal Defense Sector  
Juniper Networks