



## Port Bouncing on 8648GBRS and 8634XGRS cards

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### Background:

The 1Gig ports (SFP or TX/copper) of the 8648GBRS and 8634XGRS modules have been found to be susceptible to random port bounces. The system log will show a port or ports going down and up quickly. Effect on the Network is minimal to none for most networks, and no impact for connections running SMLT or RSMLT. Networks running STP or OSPF may be affected by the port bounce condition and this could create a service impacting situation.

### Analysis:

This has been identified as a software performance issue and not a hardware issue. Replacement of the hardware is not recommended and will not permanently resolve this problem. A software fix for this issue will be part of releases 5.0.0.2 and 5.0.1.0 which are expected to be released by April 30th 2009.

### Recommendations:

It is recommended that customers being affected by this port bounce condition upgrade their software to the new 5.0.0.2 or 5.0.1.0 code available later this month. Do not return hardware if port bounce symptoms are detected as this will not resolve this issue. In the interim, in cases where the port bouncing is service affecting, it is recommended to turn off the Port Interruption setting on these cards in order to mitigate the impact until the 5.0.0.2 and 5.0.1.0 codes are released. Contact Nortel Technical Support for how to perform this action.

### Required Actions:

Upgrade operating code to 5.0.0.2 or 5.0.1.0 when released.

### Attachments:

There are no attachments for this bulletin

### Products and Releases:

The information in this bulletin is intended to be used with the following products and associated releases:

PRODUCT	RELEASE
Ethernet Rtnng Switch-Ethrnt Rtnng Swt 8600-8634XGRS	
Ethernet Rtnng Switch-Ethrnt Rtnng Swt 8600-8648GBRS	

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**REFERENCE:**  
**PRE-REQUIRED PATCH:**  
**PATCH ID:**  
**FIXED RELEASE:** 5.0.0.2 and 5.0.1.0

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Nortel recommends any maintenance activities, such as those outlined in this bulletin, be completed during a local maintenance window.

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