Doc. reference : **DT-ENG-042-EN**	**FAQ**	
Product : NSB2021		Issued : **May 30th, 2011**
Object : Communication errors in the Management Module event log.		
Abstract : This note explains how to solve this problem.		

Problem:

Management Module (AMM/MM) communication errors with NSB2021 servers.

The event log errors include:
SP Communications Failure on Blade X
Blade X is not responding on the management bus
Blade X communication failed
Blade X - VPD cannot be read
Blade X - Unable to discover blade
Blade X – Problem communicating with Baseboard Management Controller (BMC)
Blade X – Service Processor reset
Blade X – Power command sent to blade failed
Alarm Manager CRT alert for event (ID = 0x0e022004) Blade X communication failed.

Affected configurations:

The system may be the following server:

NSB2021server.

The system is configured with one or more of the following option:
- Advanced Management Module
- Management Module

Solution:

Upgrade all NSB2021 servers in the chassis to BMC version 1.34 (41a)
The fill is available from the Bull Support on Line web site at the following URL:
http://support.bull.com/ols/product/platforms/ns/uline/blade/2021/dl/frmf/g/nsb2021_bmc

Additional information:

The symptoms occur when the NSB2021 BMC messages get out of sync with the
Management Module requests. Error are more prevalent when more NSB2021 servers are
installed in a chassis. The new BMC code on the blade corrects this issue by adding checks
to ensure that AMM to BMC communications remain in sync.