

Release Notes

# hp StorageWorks MSA1000 with Intel Itanium 2 Based Servers

First Edition (July 2003)

Part Number: 346166-001

These notes discuss helpful information when using the MSA1000 with Intel® Itanium® 2 based servers.

For the latest version of these Release Notes and other documentation, access the HP storage website at:  
<http://www.hp.com/go/msa1000>.



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## System Requirements

- Supported Operating Systems:
  - Microsoft® Windows® Server 2003 64-bit Edition
  - Red Hat AS/ES 2.1 (IA-64) Kernel
  - SuSE SLES 7 (IA-64) Kernel
  - Red Hat Professional 7.2 Kernel
- HBA firmware and driver versions:
  - FCAXxxx HBA firmware version 101a2 and driver version 5.00a11 (Windows)
  - FCAXxxx HBA firmware version 1.33 and driver version 6.04 (Linux)
- MSA Firmware version 2.38
- HP StorageWorks SAN Switch 8/16 firmware version 2.6.0h
- HP StorageWorks SAN Switch 2/8 and 2/16 firmware version 3.0.2k

## Unsupported Components

The following MSA1000 interconnects are not supported when used with the Itanium 2 servers:

- HP StorageWorks MSA Fabric Switch 6
- HP StorageWorks Hub 7

## Data Path Configuration

At this time, the MSA1000, when used in conjunction with Intel® Itanium® 2 servers, is only supported in a single data path configuration. Multi-path support using HP StorageWorks Secure Path software is not yet available.

## MSA1000 Configuration Methods

There are two ways to configure your MSA1000 storage:

- Command Line Interface (Linux)
- Array Configuration Utility (Windows)

### Command Line Interface

Refer to Chapter 6, “Command Line Interface (CLI)”, of the *HP StorageWorks MSA1000 User Guide* for more information about configuring storage when using Linux.

### Array Configuration Utility

Refer to Chapter 5, “Array Configuration Utility (ACU),” of the *HP StorageWorks MSA1000 User Guide* for more information about using ACU to configure storage when using Windows.

### Incorrect Event Log Entry

Drive or array events recorded in the operating system event log may refer to the HBA as if it were located in PCI slot number 65535. This is the default number assigned when the MSA1000 event management driver cannot communicate with the HP ProLiant system health driver. At this time, no driver exists for the Itanium 2 based servers. This is expected and does not require a service call.

### Boot from SAN

Boot from SAN configurations are not currently supported on this platform.

### GUID Partition Table (GPT) Disks

At this time GPT-type disks are not supported on any volumes residing on the MSA1000. For more information on GPT-type disks visit:  
[http://www.microsoft.com/whdc/hwdev/tech/storage/GPT\\_FAQ.aspx](http://www.microsoft.com/whdc/hwdev/tech/storage/GPT_FAQ.aspx)