

Product Bulletin



Support for Windows 2008 Native Stack Support for Windows 2003 with Storage Foundation 5.0

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Regulatory Compliance Verification

Date of Revision	Summary of Changes
2 February 2008	Initial version

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1. Summary

This product bulletin announces support for Windows® 2008 Server Edition and Enterprise Edition (SE/EE) as well as support for Windows 2003 SE/EE with Symantec® Storage Foundation 5.0 with Fibre Channel attached NetApp storage.

This product bulletin precedes the release to manufacturing (RTM) of Windows 2008, but positions NetApp as being “solution ready” when Windows 2008 is widely available. Also note that initial support for Windows 2008 has some constraints on the available multipathing configurations at this time. These constraints are described in under “Support Requirements” in section 3.

2. What's New

With this release, NetApp extends its broad range of Windows platform support to include Windows 2008 native stack support and Windows 2003 with the Symantec 5.0 suite.

For more information on supported configurations, see the NetApp Interoperability Matrix (<http://now.netapp.com/matrix/mtx/login.do>).

3. System Requirements

Support Requirements

This section lists the hardware and software platforms requirements for support of Windows 2008 native stack and Windows 2003 with Storage Foundation 5.0.

Windows 2008 Native Stack, Supported Environments:

- Supports x86, x64, and IA64 releases of Windows Server® 2008, Full and Server Core installation
- Supports 2GB and 4GB solutions for both Emulex and QLogic FCP host bus adapter
- Blade currency (IBM, HP-P class, C class, Dell) of new drivers
- Supports Data ONTAP DSM 3.2 when released (target March 2008)
- Supports host-side multipathing with Microsoft® native MSDSM on Windows Server 2008 only. **Note: MSDSM supports FCP MPIO by using ALUA. Data ONTAP 7.3 and cfmodes are required to support this.**

These support restrictions will be released when the Data ONTAP 3.2 DSM is released (target March 2008). This date aligns with the current RTM dates of Windows 2008. For the latest configurations supported, check the Interoperability Tool, [here](#).

Windows 2003 with Storage Foundation 5.0, Supported Environments:

- Support for Microsoft Windows Server 2003 and Veritas™ Storage Foundation 5.0 for Windows:
 - o VCS
 - o Veritas DMP DSM
 - o Active/passive multipathing
- Support for the Emulex driver and firmware versions listed in the Symantec HCL and NetApp Interoperability Matrix (IMT), [here](#).
- Blade currency (IBM, HP-P class, C class, Dell)

For Symantec configurations, in addition to the NetApp support list, customers can validate support by checking the Symantec compatibility listing (HCL or Hardware Compatibility Matrix) that is available from Symantec, [here](#).

4. Support Information

Supported configurations are listed in the Interoperability Matrix, [here](#). The configurations list the required Host Utilities that are necessary for support. The configurations referenced in this document are HU 4.0.

The Host Utility is a NetApp kit that helps customers ensure proper host setting and optimal configuration for Fibre Channel attaching a Windows server to a NetApp storage array. The Fibre Channel Windows Host Utility 4.0 includes:

- o Set up and installation documentation

- A tool to validate appropriate patch levels and to set applicable Windows driver stack timeout values
- Diagnostic scripts for collecting configuration information for NetApp's support organization

Part Number	Description	Category
SW-FAK-WIN	FCP WINDOWS HOST UTILITIES	J
SW-FAK-WIN-MKIT	MEDIA KIT,FCP WINDOWS HOST UTILITIES (one license per physical server)	Not Applicable

Software Subscription Plans

Not applicable. The Host Utilities do not have an individual Software Subscription Plan (SSP). The Host Utilities product is covered by the SSP for the FCP protocol.

Upgrades

Customers can download new versions of the Host Utilities for the duration of the FCP protocol SSP. Typically, this period is 12, 24, or 36 months.

Quoting

The Windows Host Utilities kit is sold on a per-physical-server (host) basis, and customers can download the Host Utilities software from the NOW™ site or obtain the software as a physical Media Kit

NetApp Fibre Channel storage system configurations in which Windows hosts have more than one physical path to the NetApp storage system require multipathing software.

For Veritas configurations, procure Veritas Dynamic Multipathing from Symantec or its authorized resellers.

For Windows native I/O stack configurations, customers will be able to use either the Data ONTAP 3.2 DSM when released (target March 2008) or the native MSFT DSM with Data ONTAP 7.3. Check the Interoperability Matrix for the current status of support and configurations, [here](#))

Product Availability

The Windows 4.0 Host Utilities are available in the current release of the Quote Tool. .

7. Regulatory Compliance

Products need to be validated against the Netapp Regulatory Compliance Country List prior to order submission. This is required to ensure that products are being sold only in the countries in which NetApp has received regulatory compliance certification..

8. Warranty and Service

The Windows Fibre Channel Host Utilities product has a 90-day warranty from date of purchase

9. Additional Information

For the latest NetApp support information, see the NetApp Interoperability Matrix:
<http://now.netapp.com/matrix/mtx/login.do>.

Contact Information: Please contact your Network appliance sales or channel partner representative with questions about this product bulletin.

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