



WSS 2003 R2 Series



DVD image Disc release note: [Version: 2.0A](#)

For models: XN-104xT2xx2
XN-108RT2x2
XN-108xR2
XN-212RT3x2

Purpose:

This document describes new features, known issues and their workarounds for Xtore Windows Storage Server (WSS) 2003 R2 series. Any questions or inquires please contact with Xtore Representative for further information. <http://www.xtore.com>

REVISION	DATE	CHANGE DESCRIPTION
Version 2.0A	Jul-26-2006	Initial Release



V2.0A Main Highlight:

	XN-104xT2x2	XN-104xT2xi2	XN-108R-T2x2	XN-212R-T3x2	XN-108xR2
Software					
<u>S1</u> Windows Server 2003 KB files	v	v	v	v	v
<u>S2</u> Intel PRO Set version 10.3	v	v	v	v	v
<u>S3</u> 3DM2 Application Version 9.3.0.4				v	
<u>S4</u> Microsoft iSCSI Initiator version 2.2		v	v	v	v
<u>S5</u> Marvell Serial ATA Driver3.6.1.0	v	v	v		
<u>S6</u> Microsoft Storage Server Management					
<u>New Storage Management functionality</u>					
Storage Resource Management	v	v	v	v	v
Storage Management for Storage Area Networks		v	v	v	v
Distributed File System	v	v	v	v	v
<u>Feature</u>					
Performance optimization	v	v	v	v	v
Single Instance Storage		v	v	v	v
Search enhancements	v	v	v	v	v
<u>S7</u> ARC-1120					
BIOS V1.17a Date: 2006-05-05					v
BOOT V1.41 Date: 2006-05-24					v
FIRM V1.41 Date: 2006-05-24					v
Hardware					
<u>H1</u> ware 9550SX SATA RAID Controller				v	
H2 VGA on board (new)				v	
H3 Keyboard, mouse connectors on board (new)				v	
H4 MCH 875P	v	v	v		
H5 2546GB Ethernet NIC	v	v	v		
BIOS Information					
Version: XP-WIN-T3-B-T2-0328 / March 28, 2006				v	
Version: P4NX0720 / July 20, 2006	v	v	v		



Upgraded details:

S1. WSS2003 R2 KB files updated: (Technical notes available on Microsoft website)

High Priority

- A. Security Update for Windows Server 2003 (KB917537)
- B. Security Update for Microsoft .NET Framework, Version 2.0 (KB917283)
- C. Security Update for Windows Server 2003 (KB914388)
- D. Security Update for Windows Server 2003 (KB917159)
- E. Windows Malicious Software Removal Tool - July 2006 (KB890830)
- F. Security Update for Windows Server 2003 (KB911280)
- G. Security Update for Windows Server 2003 (KB917734)
- H. Security Update for Windows Server 2003 (KB914389)
- I. Security Update for Windows Server 2003 (KB917344)
- J. Security Update for Windows Server 2003 (KB918439)
- K. Cumulative Security Update for Internet Explorer for Windows Server 2003 (KB916281)
- L. Security Update for Windows Server 2003 (KB917953)
- M. Security Update for Windows Server 2003 (KB908531)
- N. Cumulative Security Update for Outlook Express for Windows Server 2003 (KB911567)
- O. Security Update for Windows Server 2003 (KB911562)
- P. Security Update for Windows Server 2003 (KB911927)
- Q. Security Update for Windows Server 2003 (KB908519)
- R. Security Update for Windows Server 2003 (KB912919)
- S. Update for Windows Server 2003 (KB910437)
- T. Security Update for Windows Server 2003 (KB904706)
- U. Security Update for Windows Server 2003 (KB896424)
- V. Security Update for Windows Server 2003 (KB900725)
- W. Security Update for Windows Server 2003 (KB902400)
- X. Security Update for Windows Server 2003 (KB899589)
- Y. Security Update for Windows Server 2003 (KB901017)
- Z. Security Update for Windows Server 2003 (KB905414)
- AA. Security Update for Windows Server 2003 (KB893756)
- BB. Security Update for Windows Server 2003 (KB896428)



- CC. Security Update for Windows Server 2003 (KB896358)
- DD. Security Update for Windows Server 2003 (KB899587)
- EE. Security Update for Windows Server 2003 (KB890046)
- FF. Security Update for Windows Server 2003 (KB899591)
- GG. Security Update for Windows Server 2003 (KB899588)
- HH. Security Update for Windows Server 2003 (K B901214)
- II. Update for Windows Server 2003 (KB898715)

Software

- A. Update for Windows Server 2003 (KB904942)
- B. Microsoft Base Smart Card Cryptographic Service Provider Package: x86 (KB909520)

S2. Intel PRO Set v10.3 Known Issues:

After you have set up your team, Intel® PROSet for Windows* Device Manager allows you to check your switch for the correct configuration with the Check Switch Configuration button. Please allow a few minutes for the network to register the settings configuration too quickly may result in a system lockup.

Please visit <http://support.intel.com> and check the FAQ's for your adapter model.

S3. 3DM 9.3.0.4 application

Using drivers released prior to 9.3.0.4 for the 3ware 9550SX controller can result in system crashes. The problem is when swapping a 3ware 9500S controller with a 3ware 9550SX controller without first updating the driver to release 9.3.0.4 or newer. The solution is to always upgrade the driver to release 9.3.0.4 or newer before swapping out your older 3ware controller.

S4. Microsoft iSCSI Initiator version 2.2

The new iSCSI software Initiator from Microsoft continues to lead the way on iSCSI innovation and functionality. Sophisticated multipathing policies for load balancing and failover are available, as is support for the new x64 processors, and the Next Generation Internet Protocol, IPv6.

S5. Marvell Serial ATA Adapter Driver 3.6.1 version

- A. Added defines for the ID's of the new devices supported
- B. Added defines for the EDMA 128 entries mode



- C. Added enumerator for the SATA interface power management states
- D. Added support for the single data region feature
- E. Added support for allocating the command info structure on the IAL stack
- F. Added new functions.

S6. Summary of Changes in Windows Storage Server 2003 R2

More information:

Windows Storage Server 2003 R2 setup and servicing is more aligned with the Microsoft® Windows Server™ 2003 operating systems. This includes replacing the existing Windows Storage Server 2003 Web user interface (UI) with a new UI based on Microsoft Management Console (MMC).

Additionally, a significant amount of new storage management functionality has been added, including

- ✓ Storage Resource Management
- ✓ Storage Management for Storage Area Networks (SANs).
- ✓ Windows Server 2003 R2 Distributed File System (DFS) capabilities that are focused on the need to replicate data with remote branch offices over wide area networks (WANs)

Windows Storage Server 2003 R2 also contains new Windows Storage Management features that differ from Windows Server 2003 R2 and provide more optimization for the storage server role, including:

- ✓ Performance optimization
- ✓ Single Instance Storage (SIS).
- ✓ Search enhancements.

✧ SharePoint Service is available for WSS Standard version. Also support multi-language template. The templates are located under CMPONENTS folder.

H1. 3ware 9550SX SATA RAID controller

The 3ware 9550SX PCI-X to SATA II RAID controller delivers over 800MB/sec RAID 5 reads and exceeds 380MB/sec RAID 5 write, making it faster than the industry-leading 3ware 9500S RAID controller.

PS. LCD Monitor Service version still 1.20A Version.



PS. R2 recover DVD is not available for the motherboards shipped before July 2006.

If you have any questions or need additional assistance with this information, please contact with local Xtore products' vendors or mail to: support@xtore.com.tw

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