

Personal Storage Manager Version 1.2.3

Release Note

This release note contains information about the installation, supported configurations, and known limitations of Personal Storage Manager (PSM) 1.2.3. If you experience any problems while installing or using PSM please review this document to determine if you are encountering an identified issue.

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What's new in this release?

- Contains Z-SAN drivers, service & API version 2.4.3.
- Z-SAN™ driver has been modified to adapt a more conservative approach when it comes to breaking a mirrored volume. The driver will only break a mirror when it fails to write on one of the mirrored copy during a write operation. If Z-SAN driver detects that one side of the mirror is missing, it will log the warning but will not break the mirror until user attempts to write on the mirrored volume.
- SF1260 - Fixed PSM Installation such that mounted mirrors do not break upon uninstallation.
- SF1231 - Fixed Z-SAN service such that while copying to a mirror volume win2k3 SP1 if the mirror breaks, the system does not hang.
- SF1218 - Fixed ZSANAPI such that selecting un-share on the same volume from 2 PCs does not delete the volume.
- SF1162 - Fixed ZSANAPI such that good mirrors are not deleted upon deleting a bad mirror (that is detected as a bad volume).
- SF1202 - Fixed ZSANAPI such that it does not hang during discovery
- SF1181 - Fixed ZSANAPI such that it does not hang during a volume resync.
- NTG78 - Fixed ZSANAPI such that it recognizes the new password for volumes.
- RC1b-431:- Fixed problem where rollback code was resetting the attributes of all partition which caused this problem, now Z-SAN driver only rollback attributes which was set by the driver.
- RC1b-433:- Fixed problem where Z-SAN Service was crashing when PSM was refreshed more than one time.
- Fixed PSM so that upon creating a spanned volume, the user cannot enter an allocation size of 0

- Fixed PSM so that the volume list & table are cleared if no volumes can be discovered.
- Fixed PSM so that resync action is not treated as an invalid action
- Modified PSM so that upon renaming a volume, users enter passwords for all disks that constitute the volume
- RC1b-402:- Fixed the issue where PSM sometimes hangs and volume becomes Bad
- RC1b-311:- Fixed a bug where deleting a volume being created by another client put PSM in hang state
- RC1b-325: Fixed the issue where PSM hangs when cable is disconnected during creation of a volume
- RC1b-346:- Fixed the problem where volume is deleted in pieces
- RC1b-378:- Fixed the issues where broken span became unavailable in PSM
- RC1b-392:- Fixed the problem where PSM was not able to dismount/remove a volume without the drive letter
- RC1b-399:- Fixed the problem where 'Broken' volume became unavailable after firmware upload
- SC101T7:- Fixed the issue where PSM hangs when trying to mirror a spanned volume
- SC1133:- Fixed the bug where Z-SAN mini port driver failed to load on a Win2K3 system with 8GB RAM (PAE Enabled)
- Added the logging functionality in the driver to better diagnose the reported bugs.

Installation

The Personal Storage Manager 1.2.3 Setup wizard will automatically install the Personal Storage Manager executable and related files on your computer.

All users should upgrade to PSM 1.2.3 at the same time as they upgrade to firmware version 1.7.1 The PSM and firmware upgrade may be performed in any order, but both upgrades should be performed prior to normal use of the system.

Personal Storage Manager Folder

The Setup wizard decompresses files from the Personal Storage Manager release and copies them to a folder on your hard disk. This folder is referred to as your *Personal Storage Manager folder* throughout this guide.

Program Icons

The Setup wizard creates a folder in the Windows **start Menu\Programs** folder and populates it with program-item icons. You can then start Personal Storage Manager by choosing it from the taskbar's **start > Programs** menu.

The Setup wizard creates program icons for:

- Uninstall Personal Storage
- Personal Storage Manager (PSM)
- Release Notes
- User's Guide
- Hardware Guide

Supported Configurations

Personal Storage Manager 1.2.3 System Requirements

To install and run Personal Storage Manager 1.2.3 successfully on Windows, you need:

Item	Requirement
Computer	Personal computer with Pentium-compatible processor
Memory	At least 32 MB of RAM is required
Disk space	25 MB
Display	VGA-compatible graphics card and monitor; 256 or more colors recommended
Mouse	Any pointing device with at least two buttons
Operating System	Windows 2000 SP4, Windows XP SP1 & SP2 or Windows 2003 SP1

Firmware Compatibility

Personal Storage Manager 1.2.3 is compatible with Z-SAN enclosures running Z-SAN firmware version 1.7.1. Use with firmware version 1.5.0 is not recommended.

Known Limitations

New volumes created with PSM 1.2.3 are not usable by PCs running PSM 1.1.8. The volumes will be detected as "Unknown" type. The reverse is not true. That is, volumes created by PSM 1.1.8 are usable and fully functional with PSM 1.2.3.