

VERITAS Storage Migrator Remote™

3.4.1

Release Notes

Windows NT

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VERITAS

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Introduction

These Release Notes help you get ready to install VERITAS Storage Migrator Remote 3.4.1 for Windows NT on a server system. They also contain any last minute changes that we were unable to put in the manuals.

Note VSM is the abbreviation used in this document for VERITAS Storage Migrator Remote 3.4.1 for Windows NT.

There are two versions of Storage Migrator Remote 3.4.1:

- ◆ VERITAS Storage Migrator Remote 3.4.1 for Windows NT (Cluster Edition). This version supports VSM cluster failover in a Microsoft Cluster Server (MSCS) environment.
- ◆ VERITAS Storage Migrator Remote 3.4.1 for Windows NT, This version supports Windows NT Workstation and Terminal server and is the same as the 3.4 release, except for the addition of the new features described in “New features and enhancements with VSM 3.4.1” on page 2. This version does not support VSM cluster failover with Microsoft Cluster Server.

Supported Platforms and Storage Devices

Supported Platforms

VSM is supported on Windows NT 4.0 platforms using Intel processors.

Supported Storage Devices

This release supports folder stores, and FTP stores on remote FTP servers.



New Features and Enhancements

New features and enhancements with VSM 3.4.1

- ◆ Improved product robustness with VSM 3.4.1.
- ◆ The directory exclude feature allows you to prevent VSM management for files within a specific directory and subdirectories. This feature is configured from the VSM Administration interface.
- ◆ A Windows NT Event Log now notifies users whenever file migration begins or ends. This feature applies to both schedule migrations and automatic file migrations.
- ◆ VSM is enhanced to work with Microsoft Cluster Server.
- ◆ The Cluster Edition of VSM supports cluster failover in a Microsoft Cluster Server (MSCS) environment.
- ◆ The Host Domain Property dialog has one new edit field, Database server, which allows you to connect to a different database. This allows you to run VSM on a Microsoft Cluster Server (MSCS) environment and to connect to a SQL Server virtual database. See “Known Problems and Limitations” on page 3 for details on this feature.

New features and enhancements with VSM 3.4

- ◆ Improved database lookup performance during migrations.

Problems Fixed in this Release

Problems fixed with VSM 3.4.1

- ◆ The `migrate` command now works correctly.
- ◆ The time between Automatic Migrations is now set at one hour, instead of two minutes.

Problems fixed with VSM 3.4

- ◆ Administrative interface showed VSM starting before it was actually ready.
- ◆ Configuring stores, policies, or policy sets with names over 64 characters caused the Administration interface to crash with an access violation.



- ◆ Added database primary key indexes to boost lookup performance during file system migrations.
- ◆ On multiprocessor systems, during heavy use there were several situations that caused the VSM service to crash with an access violation.
- ◆ On multiprocessor systems, if users changed configuration information during migrations, the administrative interface crashed with an access violation.
- ◆ Administrative interface displayed improper FTP port numbers.

Known Problems and Limitations

Additional Limitations with VSM 3.4.1

- ◆ When VSM Cluster is connected to the local database, the Database server field on the Host Domain Property dialog is blank. If you connect to a different database server, all migrated files on the previous database are no longer accessible to you.
- ◆ To establish a regular migration schedule in a VSM Cluster, run VSM migration schedule commands on both the controlling and failover nodes. See page 51 of the *VSM Administrator's Guide* for further details.

Limitations with VSM 3.4

- ◆ This release of VSM will never remove copies of data. Consequently, data stores will continue to grow over time. Future versions will allow you to remove obsolete copies after a configurable retention period.
- ◆ To ensure data integrity, this release of VSM acquires exclusive access to files while migrating them. If you attempt to access a file while it is being migrated, your access might be denied. If you retry accessing that file after it is migrated, you should succeed.
- ◆ After a reboot, the Storage Migrator service may have to wait several minutes for the SQL server to initialize. If you attempt to bring up the administrator interface (Admin interface) during that time, you will experience this delay. Once the SQL server has been initialized, however, the Storage Migrator service will start and the Admin interface will come up instantly.

Installation

Refer to the *Getting Started* document for installation instructions. Make sure that your server is running Windows NT 4.0 Service Pack 4 (or later), and also SQL Server 7. Setup software requires local administrator rights.



Release Material

The following release material comes with R3.4 of this product:

- ◆ Binary release CD-ROM
- ◆ *VERITAS Storage Migrator Remote Release Notes - Windows NT*
- ◆ *VERITAS Storage Migrator Remote Getting Started - Windows NT*
- ◆ *VERITAS Storage Migrator Remote System Administrator's Guide - Windows NT*

The CD-ROM also contains on-line copies of these product manuals in Adobe Portable Document Format (PDF). You may copy these documents to your system manually. For information on downloading and installing the latest versions of Acrobat Reader, or for help with installation problems, visit the Adobe web site at:

<http://www.adobe.com>

Note VERITAS assumes no responsibility for the correct installation or use of the reader.

Getting Help

- ◆ For license information or information about VERITAS service packages, contact VERITAS Customer Support.
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