

SnapManager® 2.0R1 for Microsoft® Office SharePoint® Server **Release Notes**

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Topics covered

About this document

These release notes cover the following topics:

- ◆ [“Product overview”](#) on page 2
- ◆ [“SnapManager system requirements”](#) on page 4
- ◆ [“Fixed issues”](#) on page 5
- ◆ [“Certification for Windows Server 2008”](#) on page 8

Product overview

This section provides an overview of SnapManager® 2.0R1 for Microsoft® Office SharePoint® Server.

Release notes 2.0R1 update

The updates in SnapManager 2.0R1 for Microsoft Office SharePoint Server® Release Notes include the following items:

- ◆ These release notes describe the issues in SnapManager 2.0 for Microsoft Office SharePoint Server that were fixed in V2.0R1. See “[Fixed issues](#)” on page 5.
- ◆ Support for SQL Server 2005 Standard Edition and Enterprise Edition with SP3 (x86, x64)
- ◆ Support for SQL Server 2005 Enterprise Edition with SP3 (IA-64)

For SnapManager 2.0R1 for Microsoft Office SharePoint Server® release, the *SnapManager 2.0 for Microsoft Office SharePoint Server Installation and Administration Guide* should be used, along with the changes cited in this release notes.

New features

The major new features of SnapManager 2.0 for Microsoft Office SharePoint Server include the following:

- ◆ Central management of SharePoint backup and recovery jobs, including scheduling, monitoring, reporting, user account management, and software agent management across multiple SharePoint farms from a single Web interface
- ◆ Fast backup speeds leveraging Snapshot backups, as well as real-time granular restore of items, item versions, lists, libraries, sites, and site collections, directly onto the production server
- ◆ Backup coverage of all SharePoint databases, including the content, search, configuration, Single Sign-On (SSO), and Shared Services Provider (SSP) databases
- ◆ Backup of SharePoint search index files
- ◆ Backup of various SharePoint component settings, SharePoint solutions, and IIS settings on front-end servers
- ◆ SnapMirror® replication for backups of SharePoint databases and search indexes, verification of SnapMirror database targets

- ◆ SnapVault®/data set backup of SharePoint databases, verification of SnapVault targets
- ◆ Multiple schedules for different restore granularity levels in a single backup plan
- ◆ Separately scheduled verification jobs apart from backup and restore jobs
- ◆ Different retention settings for the same backup components in multiple plans
- ◆ Selective restore of SharePoint components, from the whole farm to specific document versions, with all security, metadata, and original properties preserved

SnapManager system requirements

For the most current list of system requirements, see the SnapManager 2.0R1 for Microsoft Office SharePoint Server Description Page on the NOW (NetApp on the Web)® site at <http://now.netapp.com/NOW/cgi-bin/software/>.

Windows® host system requirements

For the most current list of Windows host requirements for SnapManager 2.0R1 for Microsoft Office SharePoint Server, see <http://now.netapp.com/NOW/products/interoperability/>.

NetApp storage system requirements

For your NetApp® storage system to be used with SnapManager, it must meet the following requirements:

Storage system component	Requirements
Data ONTAP®	See the SnapDrive® software system requirements. This information is provided in the <i>SnapDrive Installation and Administration Guide</i> for your version of SnapDrive.
Additional requirements	All of the SnapDrive requirements that apply to the following: ◆ SnapRestore® feature ◆ iSCSI protocol, FC protocol, or both

Fixed issues

This section describes the issues that are fixed in SnapManager 2.0R1 for Microsoft Office Sharepoint Server. For a complete list of known issues fixed in this release, see the Bugs Online & Release Tools page on the NOW site. To access this page, launch your Web browser, complete the following steps:

- ◆ From a Web browser, log in to the following site:
<http://now.netapp.com/NOW/cgi-bin/bol>
- ◆ In the Enter Bug ID(s) field, type the bug ID, and click Go.

The following table describes the bugs fixed in this release:

Bug ID	Title and description
288468	Title: Backup fails at 99%. Description: The cause of this issue is unknown. Writing to Event Viewer fails for a certain message. Backup is successful on retry.
344367	Title: Cannot add a user in the active directory user configuration GUI. Description: When the active directory has a period in its domain name, the users in this domain cannot be added in the user management GUI. Account Manager generates an error message that it cannot find the user details.
344368	Title: Granular restore (Site Collection) is not successful. Description: When performing a site collection level restore, SnapManager always attempts to restore the site collection at item level granularity. As a result, the item level granularity limitations apply.
344371	Title: After upgrading to SnapManager 2.0, restore is not successful. Description: Item level indexing and restore might have issues when the SharePoint structure is complex. For instance, 10 levels of nested sites and 10 levels of nested folders in a document library of the lowest level site could be considered. The backup might report a 'Completed with error' message. Restoring a single document in the folder of the lowest level might fail.

Bug ID	Title and description
344373	Title: Indexing fails while running item-level backup jobs. Description: Item level indexing fails when backup is run for lists with name ending with Lists or _Catalogs. Illegal characters were removed from the index file causing analyzation to fail.
344380	Title: Out of Place Restore window in the GUI is unable to display all the Web applications. Description: The Out of Place Restore window in the GUI has paging display issues when there are many Web applications on the target SharePoint environment. All consecutive pages display the same Web applications as in the first page. Therefore, the user is unable to access the remaining available Web applications.
344381	Title: When a content database is detached and reattached with different letter case, then the backup for the database fails. Description: When a content database is detached from SharePoint and then reattached using a different letter case, the backup of the content database fails. Also, the reporting of its GUID in the SharePoint form is changed.
344382	Title: Backup data size is displayed incorrectly after completion of a backup. Description: The data size details in the backup job report cites incorrect data size because some content databases were not backed up successfully. Reattaching an existing content database with a different letter case caused this issue.
344383	Title: Discovery storage layout fails if there are two cluster instances. Description: When there are two SQL cluster instances active on the same physical node, the farm discovery with storage layout shows the status of a few database storage layouts as unknown.
344388	Title: GUI generates I/O stream exception with the Verify Storage Layout check box selected. Description: The GUI generates I/O exception because of network connection timeout if it takes more than 5 minutes to discover the storage layout of the whole SharePoint farm.
344391	Title: JavaScript error when saving plan after SyncFarm. Description: The cause of this issue is unknown. Logic was added to the code to ignore the error and solve the issue.

Bug ID	Title and description
344756	Title: Backup job fails with a report that there is insufficient disk space for backup index data. Description: The cause of this issue is unknown. In some instances, Java code might generate a no disk space error message even though there is available space. Retrying the system API call to confirm solves the issue.
344758	Title: Temporary log files remain on the host, nearly causing an outage. Description: Diagnostic logging and diagnostic patch testing on SnapManager generates excessive temporary log files. These log files do not get deleted from the host, which results in utilization of available drive space, causing an outage. Implementing a new script and altering the diagnostic options solves the issue.

Certification for Windows Server 2008

Certification for Windows Server 2008

NetApp signed the SnapManager 2.0R1 for Microsoft Office SharePoint Server Microsoft Installer (MSI) package, but not the .NET assemblies contained in it. This is to avoid a known issue of the .NET Framework loading signed assemblies on systems that are not connected to the Internet. For more information, see <http://support.microsoft.com/kb/936707/en-us>.

For SnapManager 2.0R1 for Microsoft Office SharePoint Server Agent, the following files are involved:

- ◆ Agent_Tool.exe
- ◆ AgentUninstall.exe
- ◆ ConfigVaultClient.exe
- ◆ restart client services.exe
- ◆ SharePoint Site Counter.exe
- ◆ SMMOSS_Agent_UnInstallation.exe
- ◆ SMMOSSBrowser.exe
- ◆ SMMOSSDBTool.exe
- ◆ SMMOSSDelTmpFile.exe
- ◆ SMMOSSFarmBrowser.exe
- ◆ SMMOSSFarmControlBackup.exe
- ◆ SMMOSSFarmControlRestore.exe
- ◆ SMMOSSFarmDbBackup.exe
- ◆ SMMOSSFarmDbRestore.exe
- ◆ SMMOSSFarmFEWBackup.exe
- ◆ SMMOSSFarmFEWBrowser.exe
- ◆ SMMOSSFarmFEWRestore.exe
- ◆ SMMOSSFarmIndexBackup.exe
- ◆ SMMOSSFarmIndexRestore.exe
- ◆ SMMOSSIndexTool.exe
- ◆ SMMOSSItemRestore.exe
- ◆ SMMOSSLUNInfo.exe
- ◆ SMMOSSPatch.exe
- ◆ SMMOSSRestart.exe

- ◆ SMMOSSService.exe
- ◆ agentSMMOSSFarmControl.dll
- ◆ agentSMMOSSFarmMember.dll
- ◆ SMMOSSDB.dll
- ◆ SMMOSSFarmFileReceiver.dll
- ◆ SMMOSSFarmFileSender.dll
- ◆ SMMOSSFarmJobReport.dll
- ◆ SMMOSSFarmMessages.dll
- ◆ SMMOSSFileReceiver.dll
- ◆ SMMOSSFileSender.dll
- ◆ SMMOSSIndexGen.dll
- ◆ SMMOSSJobReport.dll
- ◆ SMMOSSMOSSUtility.dll
- ◆ SMMOSSServiceCommon.dll
- ◆ SMMOSSServiceConstance.dll
- ◆ SMMOSSTSQLUtility.dll
- ◆ Interop.VSSDriverLib.dll

For SnapManager 2.0R1 for Microsoft Office SharePoint Server Manager, the following files are involved:

- ◆ ConfigServer.exe
- ◆ ManagerUninstall.exe
- ◆ restart services.exe
- ◆ SMMOSS AD Diagnostic Tool.exe
- ◆ uninstall.exe
- ◆ SMMOSSCheckUser.exe
- ◆ SMMOSSGetUserGroup.exe
- ◆ SMMOSSUPProcProxy.exe
- ◆ SMMOSSVerSvr.exe
- ◆ SMMOSSMediaMirror.exe
- ◆ SMMOSSCheckSpace.exe

NetApp is committed to incorporate the best enterprise solution that addresses this issue in a future release of SnapManager.

The SnapManager 2.0R1 for Microsoft Office SharePoint Server Agent MSI package installs the files sourced from companies other than NetApp, that are missing file information and are not digitally signed:

- ◆ ICSharpCode.SharpZipLib.dll
- ◆ zlib.net.dll

The SnapManager 2.0R1 for Microsoft Office SharePoint Server Manager MSI package installs the following file sourced from a company other than NetApp, that is missing file information and is not digitally signed:

- ◆ sqlitejdbc.dll

The files installed by the SnapManager 2.0R1 for Microsoft Office SharePoint Server Manager MSI package in the following folders are sourced from a company other than NetApp and are not digitally signed:

- ◆ <installation folder>\VaultServer\JRE
- ◆ <installation folder>\VaultServer\WasCE