



Release Notes: NovaStor xSP 19.1

(February 2018)

What's new in NovaStor xSP 19.1?

- Added direct to Microsoft VHD (Virtual Hard Disk) feature to scheduled and on-demand image backup.
- Added support for SQL Server 2017 in the NovaStor xSP backup client, xSP Storage Server, xSP Application Updater, and xSP Remote Manager.
- Updated Image Backup Boot Disk creation to use the latest Windows 10 ADK, which works on all currently supported Operating Systems. This ADK has support for newer hardware drivers than previous.
- The Advanced Boot Disk function now reads the path of the installed Microsoft ADK or AIK directly via the local machine's registry for Advanced Boot Disk creation. If the Windows ADK or AIK is installed already and detected it will not prompt you to browse to that path when creating an Advanced Boot Disk.
- Changed the xSP Storage Server so that newer clients can talk to older xSP Storage Servers.
- Updated CMon with a New HTML User Interface and other improvements detailed in the section below.
- Updated Granular Restore application with fixes detailed in the Fixed Issues / Bugs section.
- Removed FTP code and support in NovaStor xSP backup client.
- Removed Windows XP and Windows Server 2003 code and support in NovaStor xSP backup client.

What's new in CMon 19.1?

- Added the ability to monitor progress of ongoing backup on specific agents on demand.
- Added high level dashboard statistics.
- Added searching and filtering in the Agents and Groups screen.
- Added the following fields to the Agents and Groups view: backed up data for last backup, files backed up for last backup, how long last backup took.
- Added a connected column to the Agents and Groups view.
- Added a setting for Time/Date format in the settings of the CMon.
- Added a setting for Timezone that dates and times should be displayed in.

Fixed Issues / Bugs

- Fixed issue with file backup unable to backup encrypted files.
- Fixed issue with some Windows 10 applications from the Microsoft Store cannot be backed up, the error was client file is busy, retry.
- Fixed issue where Image Backup Fails to NAS with DuplicateTokenEx Error.
- Fixed issue with access token errors in scheduled image backup jobs.
- Fixed issue with VMware Plugin Restore if the backup was encrypted then performing the VMware Import of encrypted backup fails.
- Fixed issue where unable to backup System State when some Windows applications are installed.
- Fixed issue with not able to span tape when the backup job is scheduled.
- Fixed issue that caused many error events that were being created in the Windows event log if an attempt to clear the archive bit on files fails. These types of errors will no longer be logged.
- Fixed issues when trying to select a large number of files for restore.
- Fixed chaining problem that caused some files or folders to become corrupted when mounting an incremental image backup.
- Fixed system crash when mounting disk images larger than 2TB on Windows 8.x, Windows 10, Windows Server 2012, Windows Server 2012 R2, and Windows Server 2016.
- Fixed directly generated VHD files not the same as those converted from native format (converted files were bootable, while directly generates files were not).
- Fixed Microsoft SQL Backup fails if System State Temp files cannot be deleted due to a long file path.
- Fixed issues with Granular Restore including resolving problems with search, connection to 2013 -2016 Exchange Server with impersonation rights, improved restoring items' properties, resolved user interface problems, resolved problems with recovering attachments, resolved installer problems, improved work with PST files.
- Fixed issue where the un-installer does not remove DR Drivers when you un-install NovaStor xSP client.
- Fixed issue with xSP Storage Server with NFS fails with error "A low disk space condition (<100 MB) was detected on volume", even though disk space was not an issue.
- Fixed CMon may not automatically purge log entries in the database older than the specified number of days in the configuration.
- Removed check in xSP to upgrade storage to FastBIT 3.
- Removed requirement in xSP Storage Server installation for Microsoft .NET 3.51.
- Removed requirement in xSP Storage Server installation to replace SQL Server 2008 R2 Express with SQL

Known Issues

- Creating boot CDs using the "Simple" mode requires the presence of Windows installation files on the system. If these files are missing, use the "Advanced" mode to create a boot CD.

**Installation Notes:**

All installations require an Administrator Account and cannot be installed under a Limited User Account.

Contact

NovaStor GmbH
Neumann-Reichardt-Str. 27-33
D-22041 Hamburg, Germany
Tel +49 (40) 638 09 9988
Fax +49 (40) 638 09 29

NovaStor Software AG
Poststraße 18, CH-6301
Zug, Switzerland
Tel +41 (41) 712 31 55
Fax +41 (41) 712 21 56

NovaStor Corporation
29209 Canwood St.
Agoura Hills, CA 91301 USA
Tel +1 (805) 579 6700
Fax +1 (805) 579 6710

Notice:

Information in this document is subject to change without notice. NovaStor makes no representations or warranties with respect to the contents of this document and specifically disclaims any implied warranties of merchantability or fitness for any particular purpose. Further, NovaStor reserves the right to revise this publication and to make changes without obligation to notify any person or organization of such revisions or changes.

Copyright:

Under copyright laws, the contents of this document may not be copied, photocopied, reproduced, translated or reduced to any electronic medium or machine-readable form, in whole or in part, without prior written consent of NovaStor.

Trademarks NovaBACKUP® is a registered trademark of NovaStor. Windows® is a registered trademark of Microsoft Corporation.

RN20181001V1BGI