Release Notes: NovaBACKUP

Major Version: 20

Minor Version: 20.1.913

Release Date: September 18, 2023

NovaBACKUP Client

- Fixed an issue when deleting an S3 compatible device that it did not delete all of the local configuration.
- Fixed an issue when recovering files from S3 compatible devices that it always overwrote files instead of using the options in the restore settings that were specified.
- Fixed an issue which may prevent pruning data from S3 compatible backup jobs in certain cases.
- Fixed an issue which may cause a failure when checking credentials for S3 compatible devices.
- Fixed an issue which may prevent the "Elapsed Time" from being reported correctly during backup and restore operations.
- Fixed an issue which may cause image backups to fail when doing a manual image backup.
- Fixed an issue which may prevent allowing the user to enter the destination's network credentials for image backups when doing a manual image backup.
- Fixed an issue which may cause the setup installer to require KB2919442 to be installed on Windows Server 2012 R2 Update even when it's not actually required.

Minor Version: 20.1.808

Release Date: August 10, 2023

NovaBACKUP Central Management

- Improved database validation to prevent data inconsistency

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- Added ability to set the S3 compatible storage server when creating and updating an S3 compatible cloud storage account
- Added ability to change the default role for new user registrations
- Added input validation to enforce creating only unique cloud storage accounts
- Prevent deleting the last user account which can edit storage servers
- Improved consistency of errors when updating roles using the API
- Added ability to limit access to storage servers for specific roles
- Added ability to list all cloud storage accounts associated with a specific S3 compatible storage server
- Added used storage space when listing storage servers
- Added support for managing the quota for S3 compatible cloud storage accounts and devices
- Added ability to scan and re-calculate cloud storage accounts' used storage space
- Added ability to export cloud storage accounts usage for a specific S3 compatible storage server
- Added support for displaying and reporting backup client agents' operating system version information on new operating systems
- Added support for optionally deleting the data associated with an S3 compatible cloud storage when deleting the S3 compatible cloud storage account
- Added support for optionally deleting the data associated with a compatible storage server when deleting the S3 compatible storage server
- Added support for managing a backup client agent service using an external web browser
- Set the backup client agent service's default startup mode to Automatic (Delayed Start) to allow managing the backup client agent service from an external web browser
- Disabled the ability to change S3 compatible cloud storage account user names to prevent inconsistency when calculating used storage space
- Improved S3 compatible cloud storage accounts and devices to support user names up to 40 characters
- Improved group names to support group names up to 64 characters
- Added ability to manage (upload, download, customize, and delete) backup client setup installers
- Improved performance, memory management, and communication with agents
- Masking the encryption key when creating and updating the S3 compatible cloud
- Added quota status and percentage values when querying for S3 compatible cloud storage account information

NovaBACKUP Client

- Improved job names during restore
- Improved job status file statistics during a backup
- Added ability to specify and enforce quotas for S3 compatible devices
- Added ability to stop and resume a backup job, with the ability to restore partial backups for S3 compatible backups.
- Added ability to disable backups to an S3 compatible device

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- Replaced embedded Internet Explorer engine with Edge in order to display "In the news" task panel item on the "Home" tab
- Replaced embedded Internet Explorer engine with Edge in order to display job logs
- Improved cloud storage devices to support user names up to 40 characters
- Improved job logs
- Improved image backup and restore
- Displaying the amount of free space for S3 compatible devices in the Device tab of the backup client desktop application
- Improved performance of the backup client agent service when sending job logs to CMon
- Added support for Windows 11 Assessment and Deployment Kit (ADK) when creating an image backup
- Added button and updated links to download the Windows Assessment and Deployment Kit (ADK) when creating an image backup boot media

Fixed Issues

NovaBACKUP Central Management

- Fixed issue where the LastModified field is not updated when a user or role are updated using the API
- Fixed issue where the password attempt counts are not reset when unlocking user accounts using the API
- Fixed issue where a user could be locked out when updating the user's details using the API
- Fixed issue which unexpectedly enables the Delete button after updating an S3 compatible storage server which cannot be deleted
- Fixed issue where cloud storage account types are listed when creating a new cloud storage account when a storage server which supports those cloud storage account types doesn't exist
- Fixed issue where an unexpected storage server type is listed when creating a new storage server
- Fixed issue with inconsistent errors when trying to delete a storage server using the API
- Fixed issue preventing parameter requirements from appearing in the OpenAPI specification document
- Fixed issues with some API calls which use a string as the identifier
- Fixed issue when testing the connection to a NovaBACKUP cloud device

NovaBACKUP Client

- Fixed issue which may prevent recovering data from large backup sets sent to an S3 compatible device
- Fixed issue which may cause Hyper-V backups to fail when backing up to an S3 compatible device
- Fixed issue when modifying a job where some fields should not be editable in the UI

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- Fixed issue which may cause backups to fail if there are no SQL Server instances installed on the machine
- Fixed issue which may cause drives to not display correctly when creating a scheduled image backup job
- Fixed issue which may cause an import to report inaccurate results.
- Fixed issues which may cause files with special characters to be excluded from backups
- Fixed issue which may prevent the ability to view backup job logs in CMon
- Fixed issue which caused the Windows 11 (ADK) version 22H2 + Win PE addon for the ADK version 22H2 (released May 2023) could not be detected as an installed ADK by the Advanced boot media creation dialog, when attempting to create image backup advanced boot media
- Fixed issue which caused job failure if the encryption + verification options were enabled together for Scheduled Image Backup jobs
- Fixed issue which caused some models of NVME or M.2 hard drives in the Scheduled Image Backup selection dialog not to be visible and not able to be selected to image

Removed Features

NovaBACKUP Central Management

- Removed support for Windows 8.1
- Removed support for Internet Explorer

NovaBACKUP Client

- Removed the default CMon server address www.mydomain.com to prevent the backup client agent from trying to connect to it automatically
- The support tab was removed in favor of the Help > On The Web > Technical Support menu item
- The embedded browser window which appears when the user clicks on "Cloud Backup" on the "Home" tab, or "Click HERE to add an online device" on the "Device" tab which was used to create managed cloud devices was removed in favor of using the user's default web browser
- Removed "Ask a question" search bar from the task panel on the "Home" tab in favor of the Help > On The Web > Technical Support menu item
- Removed support for Windows 8.1
- Removed support for Internet Explorer

Minor Version: 20.0.1011

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Release Date: October 12, 2022

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- Added support for S3-compatible devices.
- Added support for file backup jobs with S3-compatible devices as the destination device.
- Added support for S3-compatible destinations as a Storage Server for cloud backups.
- Added support for S3-compatible Cloud Storage Accounts.
- Additional API calls were implemented along with examples of calls.
- Updated to the latest UI framework and .NET hosting bundle.

NovaBACKUP Client

- Added support for encrypted backups to S3-compatible devices was added.
- Added support for backup and restore of Hyper-V virtual machines to and from S3-compatible devices.
- Added support for backup and restore of SQL databases to and from S3-compatible devices.
- Added support for backup and restore of data from a UNC path to and from S3-compatible devices.
- Completely new workflow for scheduling Image backups which simplifies job creation and retention of image files.
- Added incremental and differential options when doing an image to a VHD(x) file.

Fixed Issues

NovaBACKUP Central Management

- Fixed issues when filtering rows using the Modified column in the file selection grid in the connected agent's file backup job view.
- Fixed input validation errors related to the selected target destination device when creating, viewing, and updating a file backup job.
- Fixed one-time schedule's "Start time" popup window on smaller screen resolutions.
- Fixed issue which may cause an error when modifying the custom email server file backup job's settings.
- Fixed issue preventing installation if the selected IIS website is not listening on port 80.
- Fixed typos in the file backup job's setting dialog related to email notifications.
- Fixed typos in the connected agent job file selection's Type column filter menu.
- Fixed issue causing errors on certain pages if a cookie on the same website domain name contains non-ASCII characters.

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- Fixed issues when selecting dates and times when the user's time zone is different from the server's time zone.
- Fixed tooltips displaying "null" in the destination field when creating a file backup job.
- Fixed input validation error messages for date and time fields so they display a more detailed input validation error.
- Fixed issue preventing users from entering a decimal value in the file backup job filter setting's Size fields.
- Fixed typo in the user profile's language and culture page.
- Fixed error when viewing a virtual machine file-level backup log.
- Fixed the order in which messages are displayed when viewing job logs.
- Fixed issue when trying to filter jobs by their type.
- Fixed issue when viewing the selected items of a connected agent's file backup job.

NovaBACKUP Client

- Fixed issue preventing connections to S3 servers in specific regions.
- Fixed issue which may prevent restoring a Hyper-V virtual machine from a cloud storage device.
- Fixed issue preventing backups to hang if the job name contains special characters.
- Fixed issue preventing S3-compatible devices from reporting their total used space to Central Management
- Fixed issue preventing connections to S3-compatible servers running on a port other than 443.
- Fixed issues when creating differential image backups restoring image backups.
- Fixed issues backing up to S3-compatible storage locations that only support HTTPS.

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