

CentreStack Release History

The release notification is also published to twitter.com/gladinet
(<https://twitter.com/gladinet>)

Latest Downloads Page (http://www.centrestack.com/p/download_gce.htm)

Notes

Build Number

- **CentreStack Server Side Fixes and Enhancements:**
- Resolved an issue with **inconsistent Team Folder** counts between the Tenant Dashboard and Team Folder Manager.
- Fixed a sharing error when the setting "**Users must log in to access the content in 'Files shared with me' folder**" is enabled in Sharing settings.
- Enhanced the **CSBrand.exe** tool to support **One DigiCert Keylocker** code sign certificate for Windows client/server agent branding. To use this, run: **'CSBrand /csp CertProvider /kc KeyPairName /c CertFilePath /u username /up password'**
- Added a new setting: **'Install Outlook Plugin only if it is not already installed'** under Native Client Settings. This prevents the upgrade of the Outlook plugin during a Windows client upgrade if it's already installed.
- Fixed an issue preventing **AD users** from uploading files to their home folders.
- Fixed an exception in Reports > **Shared Objects** when there are a large number of shared objects.
- Enhanced **folder permission support** for SharePoint Online folders when mounted using the **SharePoint Online Root** option.



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- Resolved an issue where newly created Office files on the web portal were read-only when opened with the **Office iOS App** via the iOS App.
- **Windows Client/Server Agent Side Fixes and Enhancements:**
- Fixed a Windows Explorer crash issue on **non-Intel CPU** machines.
- Fixed an error when **Revit** saves files to the Windows client drive.
- Enhanced PDF file saving in **Bluebeam Revu**
- Resolved an issue in the **Outlook plugin** that could cause Outlook to crash.
- Improved file saving support in **Microsoft Office**.
- Fixed an error when saving JPEG files in Photoshop using the '**Save for Web (Legacy)**' option.

- **CentreStack Server Side Fixes and Enhancements:**

- Resolved an issue where assigning the **Everyone** group in a **role** would block admin functions.
- Enabled guest users to navigate to other shared items when logging in via the link in the share email.
- Added the ability for admins to edit **Server Agent devices** in the Devices Manager.
- Enhanced folder navigation on the web portal when opened via the '**Open with Web**



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when opened via the **Open with Web Browser** option in the Windows client context menu.

- Fixed a bug preventing AD users from accessing their home folder when attached during user importing.
- Stopped previewing .txt files in Microsoft Office Online when it is set as the default viewer.
- Fixed a **XSS vulnerability** to improve security.
- **Windows Client/Server Agent Side Fixes and Enhancements:**
 - Fixed an Outlook crash caused by the **Outlook plugin**.
 - Fixed a crash when clicking a recent file link in the Windows client system tray menu.

- **CentreStack Server Side Fixes and Enhancements:**

- Fixed an error in **previewing PDF files** on the web portal. PDF files are now always previewed with the default viewer on the web portal and will no longer use Microsoft Office Online for previewing.
- Improved **Public Link creation** in the iOS App. The iOS App now displays the same options as the browser when enabling a public link.
- In Application Manager, once **Microsoft Office Web App** is set as the default viewer, the web portal consistently uses Microsoft Office Online to view Office files.
- Updated the **user creation wizard** to list all team folders in the team folder list for better selection.

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- Improved AD user login speed on the web portal, ensuring faster access.
- Enhanced **mobile web** support on **iOS Safari** for a smoother experience.
- **Windows Client/Server Agent Side Fixes and Enhancements:**
- Improved **dark mode** support in the Windows client system tray menu for better visibility and usability.

- **CentreStack Server Side Fixes and Enhancements:**

- Fixed a crash when migrating a tenant's backend storage.
- Removed extra spaces on the **Management Console**.
- Fixed an error when moving the root folder on the web portal in Icon View.
- Hid the 'System Volume Information' folder from the folder listing.
- Fixed an issue where AD users in the **Domain Admins** group did not receive admin access.
- Added support for **long press actions** on the mobile web portal.
- Ensured that when an admin resets a user's email and chooses not to send a notification email, the user does not receive any email regarding the password change.
- In the **share creation wizard**, the 'Password for access' option is now selected by default.



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- **Windows Client/Server Agent Side Fixes and Enhancements:**
- Ensured the Windows client system tray menu shows the correct **Storage Quota** when logging out and re-logging in with another user.

- **CentreStack Server Side Fixes and Enhancements:**

- Added a setting to enforce **strict folder permission** on subfolders. This will affect existing folder permissions. Please contact support for details.
- Added more strings to **language localization resource files**.
- Enhanced the **sharing UI display** when translating the UI into other languages with long strings.
- Fixed a **file downloading issue** in search results when visiting a folder's public link.
- Ensured that users receive notifications for changes in subfolders when team folder **change notification** is enabled.
- Ensured the cluster follows the specified **Cluster Wide Default Language**.
- Removed some old screenshots/videos from the installation package.
- Fixed some element errors on the web portal.

- **Windows Client/Server Agent Side Fixes and Enhancements:**

- Added a new setting '**Disable Context Menu**' under Settings > Clients & Applications > Native



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under Settings, Clients & Applications, Native Client. When enabled, the Windows client will hide the context menu.

- Ensured the web portal shows the correct product name when opened via the Windows client systray menu.
- Enhanced **dark mode support** for the Windows client system tray menu and management console.
- Improved Windows client drive support for **ENERCALC**.
- Performance improvement on **folder loading** when inserting a hyperlink in the Outlook email composing window.
- Improved **folder permission sync** via server agent.
- **Mac Client Fixes and Enhancements:**
 - Enhanced **PDF and INDD file editing** on the Mac client drive. Fixed the issue where the original file might be randomly deleted.

- **CentreStack Server Side Fixes and Enhancements:**

- Administrator can now allow users within the same tenant to access certain tenant configurations. To enable this feature, edit the root\web.config file under the CentreStack installation folder (default path: C:\Program Files (x86)\Gladinet Cloud Enterprise). Add **<add key="ShowRolePermissions" value="true" />** in the appSettings section and save the file. Once the setting is enabled, create a new role. The role definition page will display a 'Permissions' tab, listing configurations the role can query, such as



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Team Folders, Users, and Groups. Users assigned to this role will be able to view these configurations in the management console.

- Ensured that when the setting '**Do not show file icon preview if the file size is larger than**' is set to 0, no icon previews are displayed on the web portal.
- Added a new notification setting under Daily Notification Email settings in Settings > Notifications. The setting '**Notify the users who are within 90% of their storage quota limit**' will send a daily email to users whose private data has reached 90% of their storage quota.
- To reduce performance impact, when file change is selected in daily notification emails, only the top 500 file change logs will be sent. To adjust this limit, add **<add key="NumEventsForNotificationEmail" value="1500" />** in the appSettings section of the Centrestack installation folder\monitor\GladinetCloudMonitor.exe.config. Restart the Gladinet Cloud Monitoring service to apply the new limit.
- Improved the **S3** Team Folder storage configuration UI. Users can now update settings without needing to re-enter the access/secret keys every time.
- Enhanced performance when accessing an **Azure File** folder with a large number of subfolders.
- Fixed an exception that occurred when viewing task details on the web-based Windows client/server agent Management Console.
- Introduced the ability to define the **expiration time** of a share down to specific hours and minutes.
- Improved the **Guest User Manager**.

Administrators can now view items shared with a guest user and an error has been fixed that occurred when deleting an existing share.

- **Windows Client/Server Agent Side Fixes and Enhancements:**

- Enhanced the display of the Windows client/server agent management console in **Dark mode** for better visibility.
- Improved the Windows client system tray menu. Clicking the three vertical dots now shows the **cache size** and Windows client **version**.
- Fixed an error that occurred when right-clicking an Office file and selecting '**Open with web application**'.

- **Mac Client Fixes and Enhancements:**

- Updated the Mac client system tray icon to **black/white** to support different themes better.
- Fixed an issue with the Mac client **context menu** when logging in via SSO.
- Enhanced the **file rename** operation on the Mac client drive. Ensures the file with the original name is deleted after renaming.

- **CentreStack Server Side Fixes and Enhancements:**

- Improved the process of **unpublishing team folders**. Now, when a team folder is unpublished and deleted, Folder Permissions defined on subfolders are also deleted.
- Enabled the uploading of **folders** via the **request file** link.



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- Enhanced Single Sign-On (**SSO**) by allowing identity providers (idP) to return group information in the '**memberOf**' SAML attribute. Centrestack will now parse this information and assign users to the corresponding groups.
- Resolved an issue where the download button was missing from the **public link** when accessed via a QR code scan.
- Refined the filtering functionality in Reports - **Folder Permissions**. Now, when filtering with a user's email, only the permissions defined with the queried email are displayed.
- Introduced a new setting on folder timestamp handling using local file share as backend storage. CentreStack uses the later of 'Date modified' and 'Date created' on local folder/share as the folder's timestamp by default. Administrators can enforce the system to always use '**Date modified**' by editing the root\web.config file and adding **<add key="m_AlwaysUseModifyTime" value="true" />** in the appSettings section.
- **Windows Client/Server Agent Side Fixes and Enhancements:**
 - Fixed an issue where **Autodesk Sanitary and Storm .spf** files disappeared when being edited and saved on the Windows client drive.
 - Improved the process of converting native users to Proxied AD users. Now, when querying AD users via OU, the server agent ensures all AD users not in CentreStack are returned.
 - Fixed a bug with S3 as backend storage where **.dst** files disappeared from the Windows client drive during editing.
 - Added a warning message when exiting the Windows client if there are ongoing tasks, preventing potential data loss or interruption.

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- **Mac Client Fixes and Enhancements:**

- Addressed a JavaScript error in the file **upload progress bar** for certain files, enhancing the upload process's reliability.
- Updated the file **upload progress bar** to show the remaining size to upload, providing users with clearer information on upload progress.

- **CentreStack Server Side Fixes and Enhancements:**

- Implemented **performance improvements** for systems using **MySQL** as the backend database.
- Added a warning to inform administrators that they must manually delete old storage when deleting a tenant or migrating a tenant's backend storage.
- Expanded the resource file to include additional translatable strings, such as details for **"File is locked"** and the **"User is disabled by admin"** warning.
- Enhanced web portal usability by preventing the creation of folders with leading empty spaces.
- Improved the user interface for **editing existing Wasabi/S3 storage** by showing the currently used bucket as the default selection in the bucket list.
- Fixed an error that occurred when attempting to delete users whose **email addresses** contain **apostrophes**.
- Resolved a server exception error that



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happened when editing share configurations for user with passwords containing the '>' character.

- Improved privacy by ensuring that errors related to visiting a **public link** from a file share do not reveal internal user access information.
- **Windows Client/Server Agent Side Fixes and Enhancements:**
 - Enhanced the display of the Windows client system tray menu/management console in **Dark Mode** for better visibility and consistency.
 - To enhance security, the Windows client now requires AD users to re-login with their new password when it **expires** or **is updated**.
 - Ensured that the **installer** for the Windows client returns a success message when run **silently**, facilitating smoother deployments.
- **Mac Client Fixes and Enhancements:**
 - Ensured that large files display the correct **icon overlay** during upload, providing accurate visual feedback.
 - Improved user feedback by always displaying the **progress status** for files larger than 100KB during uploads.

• **CentreStack Server Side Fixes and Enhancements:**

- Enabled support for accessing **S3** buckets using **IAM roles**.
- Resolved an issue where an exception occurred during the **Cluster level Single Sign-On** configuration within the Default Group Policy.



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- Improved user feedback by providing a clear error message when an attempt is made to remove a delegated administrative user within the tenant's User Manager.
- Introduced a new feature in Settings under User Account & Security, within the User Account section, titled '**Allow users to configure the backup email**'. This feature is activated by default. When enabled, it allows users to specify a personal backup email address during the Two-Factor Authentication (2FA) setup process. If this feature is turned off, users are prevented from modifying the backup email during 2FA setup, and the backup email defaults to the user's primary email address.
- Enabled the display and restoration of deleted files at the **root** of the **Wasabi** folder when in-place versioning is active.
- Enhanced **sharing** functionality for email addresses containing **apostrophes**.
- Added a new option '**Include password in share notes**' for sharing to external emails. When selected, the share email will contain the specified share password. If not selected, the password will be omitted from the email, and the share creator must provide it to the recipient manually.
- Implemented an error message "Guest user already exists: " when attempting to create a new user with an email already associated with a guest user.
- Updated the file upload wizard in the **request file** upload link to use the branded application icon.
- Improved **Quick Access** on the web portal to ensure that files deleted from their original location no longer appear under Quick Access.

- Ensured that a user's private data is purged when the user is deleted with the option to **purge the user's home storage** selected.
- Updated **public links** with defined expiration dates to display the **expiration date** when the link is visited.
- **Windows Client\Server Agent-Side Fixes and Enhancements:**
 - Implemented a fix to stop notepad.exe from inadvertently locking the **autorun.inf** file on certain devices.
 - Introduced the '**System is online**' message into the Windows client resource file, making it available for translation into various languages.
 - Added a notification to prompt administrators to restart the server agent service when signing out from the server agent management console due to changes in the admin email. This restart is necessary for the server agent to accurately manage tasks.
- **Mac client Fixes and Enhancements:**
 - Resolved an issue causing intermittent **disconnections** in the Mac client.
 - Enhanced the Mac client to automatically initiate in offline mode if the machine boots up without a network connection.

- **Centrestack Server Side Fixes and Enhancements:**

- In the web-based management console, under the Attached Folders tab, the exception is fixed when a **regular user** views the list of **excluded folders**.



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- When attaching a **Wasabi** bucket, enable the administrator to select a **subfolder** within the bucket.
- **Windows Client\Server Agent-Side Fixes and Enhancements:**
 - Right-clicking an Office file and selecting '**Open with Web Application**' on the Windows client drive opens the file in Microsoft Office Online using the default browser.
 - When utilizing **SSO (Single Sign-On)** login in the Windows client, add a 'Close' button to the SSO login window.
 - Enhance two-way synchronization in the server agent. Prevent the server agent from re-syncing files downloaded from the cloud.
- **Mac client Fixes and Enhancements:**
 - Ensure that the Mac client remains connected when a Mac machine wakes up from sleep.
 - Automatically restart the Mac client when the machine is rebooted.
 - Display a progress bar when uploading many files via the Mac client.
 - Resolved a crash issue in the Mac client daemon when deleting files on the Mac client drive.
 - Enhanced support for **Offline Folders** in the Mac client management console. Use the new Offline Folder tab to manage offline folders.

- **CentreStack Server Side Fixes and Enhancements:**



- Unpublishing a cloud team folder will always removes the underlying storage from CentreStack.
- The **File Change Log** in reports now displays the file's **full path** in the query results.
- Resolved the issue with share **deletion** in the user's **Shared Objects** tab.
- Support manually entering the bucket name, including the **cross-account** S3 bucket name, when configuring S3 access.
- Corrected the **PDF preview** issue in shared folders.
- When setting up **sync throttle**, the system prevents users from entering invalid bandwidth values.
- A **QR** code is displayed when generating a **public link** or editing an existing **share**.
- **Windows Client\Server Agent-Side Fixes and Enhancements:**
 - Resolved the bug where task deletion failed in the Windows Client System Tray Menu under the Task Manager tab.
 - Fixed a crash issue in the **server agent access service**.
 - If the '**Number of File Transfer Threads**' is accidentally set to 0, the setting will be ignored, allowing syncing to continue in the Windows client/server agent.
- **Mac client Fixes and Enhancements:**
 - Resolved the issue of the **Finder Extension** missing on macOS **Sonoma**.



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- Enhanced support for **umlaut** characters in file and folder names.
- Ensure the Mac client displays the correct Team Folders for a new user upon logging out and re-logging in.
- Display a meaningful error message when a user attempts to rename a team folder in the Mac client drive.
- When opening **iWork** files in the Mac client drive, it no longer displays a warning about the file being changed by another application.
- Ensure that when a folder is **moved** in the Mac client drive, all contents within the folder are also moved.

- **CentreStack Server Side Fixes and Enhancements:**

- Boosted performance when employing **MySQL** as the database.
- Support manually entering the bucket name, including the **cross-account S3 bucket** name, when configuring S3 access.
- Following an **email update** for a user, confirm that guest users originated by that user continue to appear in their "**My Guest Users**" section.
- Enhanced the cut-and-paste functionality for multiple files within the web portal.
- Enhanced the user interface for Audit Trace queries.
- If a file is shared with an existing user who has **read-only** access, restrict their ability to edit the file via the web portal



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the file via the web portal.

- Do not display 'All-on-One PostgreSQL' on the Cluster Dashboard when the administrator installs PostgreSQL directly and utilizes it in Centrestack.
- **Windows Client\Server Agent-Side Fixes and Enhancements:**
 - Corrected inaccurately labeled settings in the **Throttle Sync** section of the Windows client/server agent Management Console.
 - When you right-click a file in the Windows client drive and choose '**Open with the web application,**' the file will open in a web application via the default browser.
- **Mac client Fixes and Enhancements:**
 - Verify that the **file lock notification** adheres to the configurations specified in the Notification Settings section of the Mac client Management Console.
 - If the option to request a 2-step verification code via email is deactivated, make sure it's also disabled in the Mac client.
 - Enhanced the file renaming functionality on the Mac client drive.

- **CentreStack Server Side Fixes and Enhancements:**



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- Improved Server Performance with **Azure Blob** as Backend Storage.



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- Enhanced Performance for Accessing **Azure Files** Shares.



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- Resolved "Access Denied" Issue for Cluster

Admins in Tenant **User Manager**.

- Resolved Issue Preventing **Delegated Cluster Admins** from Deleting Users.
- Resolved Cluster Admin Issue When **Editing Folder Permissions** via Tenant Reports.
- Enhanced File **Cut/Paste** Functionality on the Web Portal.
- Enabled the iOS App to Access Existing Users' Email When Sharing.
- Enabled Support for **Hyphens** in Database Names When Using **MySQL**.

- **CentreStack Server Side Fixes and Enhancements:**

- Improved server agent for synchronizing local NTFS permissions with the cloud, for shares attached directly. If a folder is renamed directly on the share, the NTFS permissions of the new folder are synchronized to the cloud.
- Stop a user from locking files on the web portal while they just have List/Read rights.
- Prevent the user from editing a locked file using a local application.
- While attempting to preview a large file via a public link in the browser, the preview may fail due to size limitations. To address this, include a download link on the error page, enabling users to download the file directly.
- Within the User Manager, the Shared Objects section displays share links associated with shares created by the current user.



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We've introduced a filter within the Reports

- We've introduced a filter within the Reports section, Folder Permissions. This filter allows you to easily search for relevant folders within the report.

- **Windows Client\Server Agent-Side Fixes and Enhancements:**

- Stop the Windows client from scanning the local OneDrive folder when it launches.

- Implemented additional safeguards for the Server Agent's "Sign Out" button, enabling administrators to securely log out from the server agent.

- **Mac client Fixes and Enhancements:**

- Make a new folder on the Mac client drive and remove it right away. Ensure the folder is removed from both the Mac client and the web portal.
- Enhanced Pages file editing on the Mac client drive.
- Improved the functionality of the Force Refresh feature on the Mac client drive.

- **CentreStack Server Side Fixes and Enhancements:**

- We have made **performance improvements** on the Web Portal **search**.

- Improved synchronization of **NTFS permissions** for local shares through a server agent: When a subfolder is **renamed** in the local source folder, the corresponding cloud folder is automatically renamed while retaining the same folder permissions.

- The associated Folder Permission will be



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removed when a team folder is unpublished. As a result, the Folder Permission report will no longer display permissions for the unpublished team folder.

- As the **owner** of a team folder using the web portal's File Browser, hide the 'Manage folder (team folder, permissions, etc.)' option for subfolders. However, the owner will still retain access to this option when at the root level of the team folder. It's possible to navigate to subfolders through the Folder Permission tab.
- Enhanced **image preview** for elongated pictures on the web portal.
- Enhanced user interface on the web portal for **creating and editing access policies**.
- Added a new setting within Data Leak Protection, Sharing, labeled '**Disable Video Preview for Non-Downloadable Shares**.'
When enabled, this setting will prohibit the web portal from displaying a preview for shared mp4 video files that lack download permissions.
- Delete the corresponding '**login_failed_count**' record from the database when a user gets deleted.
- In the Guest User Manager, selecting the '**Last Login**' sorting option will arrange items based on their respective last login dates.
- **Windows Client\Server Agent-Side Fixes and Enhancements:**
 - When **Access Policy** disables the Windows client, do not keep auto-starting the client.
 - Enhanced **Storage Quota** display in the Windows Client system tray menu. It now displays identical information to the Storage Quota visible in the Windows Client management console's Dashboard.

- **CentreStack Server Side Fixes and Enhancements:**



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- **Improved server performance.** Removed some queries from the database which are no longer needed.



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- **Fixed** a bug in **folder deletion** when using **Google Cloud Storage** as backend storage.



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- When creating a new tenant and selecting the **"Show Data-at-Rest Encryption configuration page"** checkbox, do not display the DARE configuration when the tenant admin logs into the web portal for the first time if the backend storage includes existing data. Only when the backend storage is empty does the DARE configuration options display.
- Fixed an **XSS vulnerability** in the web portal.
- Fixed an issue where the folder/share **notification** got delayed in a **multiple-node environment**.
- Removed duplicate records in **folder change notification** email.
- A flaw with **revision control** was fixed. Enforce how many revisions to kept after the Retention Policy is applied.
- Added **sorting** to Reports, Folder Permissions. You can sort the report by folder name.
- We also fixed a bug in **Report, Folder Permissions**. Here, clicking Edit will no longer hit an error. You can open the folder and edit the folder permissions.
- Improved web portal support on long file names/long comments.

- Added progress bar on **Storage Scan** background task.
 - Improved encrypted email function on the web portal.
 - Ensure user **quota** shows the correct value on the Storage summary section on the left of the File Browser.
 - **Windows Client\Server Agent-Side Fixes and Enhancements:**
 - Enhanced Windows client drive file saving for **Autodesk Storm and Sanitary Analysis** files.
 - We fixed a bug where AutoCAD component **AcCoreConsole.exe** keeps creating folders in all lower cases.
 - On Windows client drive, right-clicking a folder and selecting '**Open in Web Browser**' opens the machine's default browser and shows the folder.
 - **MAC Client Fixes and Enhancements:**
 - When logging into the Mac client, HTTPS will be automatically used if the user doesn't specify http or https in the Access Point field.
 - We have enhanced the '**Open with web application**' support on the Mac client context menu for files and folders.
 - Improved **large file downloads** on the Mac client drive.
 - Fixed a bug where file saving in the Mac client drive hit error '**Another application has changed the file.**'
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- **CentreStack Server Side Fixes and Enhancements:**



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- We fixed an issue where only the **first 1000 items** are migrated under a large folder when migrating the backend storage from S3 or S3 compatible to a local share.



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- We have added a prompt to **Replace** or **Keep** both files on the web portal during copying a file and pasting it into another folder, if a file with the same name already exists in the target folder.



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- Improved support for an email with **+** sign, including logging in, resetting the password by admin, and forgot password link on the login page.

- We have fixed a bug when uploading many small folders on the web portal.

- We have enhanced **database migration** for massive database.

- The setting '**When starting the client, open the mounted drive automatically**' under Client settings is enabled by default now.

- We have enhanced DFS support when attaching **DFS namespace** as a team folder.

- Improved mobile browser support on the share creation wizard's 'Get Link' function.

- We have also made some minor improvements on existing share editing UI.

- **User Manager View** remains the same after adding new users and deleting existing ones.

- **Windows Client\Server Agent-Side Fixes and Enhancements:**

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- We have fixed a crash in the server agent access service.
- We have fixed a crash on the 'Open File' function on the Windows Client Systray menu, Recent Files.
- **MAC Client Fixes and Enhancements:**
 - When **restoring** files and folders on the web portal, ensure the Mac client drive shows the restored items.
 - Ensure the desktop icon shows the **branded icon** when **rebooting** the Mac machine.
 - We fixed the 'low on disk space' error when **QuickBooks** opens a file on a Mac client drive.

- **CentreStack Server Side Fixes and Enhancements:**

- When a regular user is promoted as a **delegated cluster admin** , ensure the user can access **all notification settings** when editing a tenant.
- Allow the user to download a **large folder** from the **web portal** as a zipped file when the **size limit for folder download** is set to 0.
- When an external user views a **shared folder** , ensure **searching** in the shared folder returns the correct files.
- Ensure **User Storage Details** and **Tenant Storage Details** show correct storage statistics.
- Added a new setting, '**Show Get Link button on the sharing screen for unprotected shares only** ,' under Data Leak Protection, Sharing. When enabled, the 'Get Link' button



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will always show in the Share creation wizard.

- The list view's **name filter** on the web portal applies to both files and folders.
- Fixed a folder creation error in **SharePoint Online** where the parent folder's name had an **apostrophe** .
- Make sure that just the devices returned by the **current query** are downloaded using the download function under Devices.
- Support has been added to attach share with **&** in the share name
- **Windows Client\Server Agent-Side Fixes and Enhancements:**
 - Enhanced Windows client support for file saving using the **FoxIT Outlook plugin** .
 - Ensure the client picks up file change logs and **syncs** the changes on the cloud to the local attached folder when the Windows client **restarts** .
- **MAC Client Fixes and Enhancements:**
 - When trace is **enabled** on the Mac client, ensure it stays **on** after the Mac machine **reboots** .
 - Enhanced syncing of the file/folder **deletion/move** in the Attached local folder.
 - When attempting to delete a shared file or folder on Mac client drive, a clear error message will be displayed.

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- **Centrestack Server Side Fixes and Enhancements:**



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- A file or folder with a **leading dot** cannot be uploaded through the web interface.
- Fixed an issue where **Office Online Server** failed to load the file using 'Open with Microsoft Office Online.'
- Fixed an issue where the **Upload Report** in the Reports section displayed incorrect uploading activity.
- Fixed a crash in the **Gladinet Cloud Monitoring Service**.
- The user **cannot** share to external emails with "**Edit / Full-Control Access**" or "**Recipient must log in to access the share**" when **guest user creation** is disabled for the user in the role.
- Support has been added for **MySQL 8.0.29** or later as a backend database.
- Faster display of the user's **profile picture** after an update.
- When publishing an **S3** share, allow the admin only to publish a **subfolder** under the bucket.
- When downloading multiple files/folders from the web portal as a **zip** file, use **relative path** in the zip.
- Added a **filter** to the file/folder **name** in the web portal's **detailed list view**.
- **Mac client Fixes and Enhancements:**
 - Reduced the **audit log** file size.
 - When **downloading** large files from the Mac client drive, the error -8084 has been fixed.
 - On the Mac client drive, ensure that **double-**



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clicking a zipped file will unzip it completely, including all subfolders.

- Mac client no longer creates the file '**CloudDrive**' on the account's root.

- **CentreStack Server Side Fixes and Enhancements:**

- Make sure sharing to **external email** still functions when the "**Show guest user creation option**" setting is **enabled**.
- Allow the administrator to specify a folder name before scanning the attached local folder. Only the missing files from the chosen folder will be displayed in the scan report.
- Add a record labeled "**Password_Changed**" to the **Audit Log** whenever a user changes his password.
- On the File Change Log query, a tooltip has been added. It explains the admin how to search a file change log.
- Refrain from attempting to authenticate using a compromised email when the login email contains special characters used in code injection. Display a login failure.
- Keep the file in the **SharePoint Online Trash Can** once it has been deleted from the site. Later, you can retrieve the file from the trash can.
- When setting up **SharePoint Online**, sort the sites in the account alphabetical.
- When uploading a folder to the **SharePoint Online** site on the web interface, make sure all **subfolders** are uploaded as well.



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- Allow sharing to function under the folder when utilizing an **Azure blob** as a cloud share and a subfolder that was created outside of Centrestack has sharing permission.
- **Windows Client\Server Agent Side Fixes and Enhancements:**
 - Ensure that the path to the **cache directory** is always displayed in the Windows client management console.
 - Fixed a Windows client crash when the machine woke up from sleep.
 - Enhanced **FoxIT PDF Editor** Support when editing files on Windows client drive.
 - Make sure the folder is not moved when transferring a folder with **Total Commander** on Windows client drive and the user decides to cancel the move in the Move confirmation window.
- **Mac client Fixes and Enhancements:**
 - Improved **umlauts character** support on the Mac client.
 - When saving a file in **Vector Works/Adobe Acrobat**, ensure the file timestamp got updated.
 - Ensure the Mac client desktop shortcut shows the **branded** name.

-
- **CentreStack Server Side Fixes and Enhancements:**



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- A bug in attaching **SharePoint Online** sites on **multiple tenants** has been fixed.



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- On Tenant Retention Policy, added new setting '**Keep Mac client logs for n day(s)** .' It specifies how long audit/trace files should be kept on the Mac client **logging** folder.



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- A new cluster setting, '**Allow tenant administrators to enable Team Folder backups**' has been added. The tenant admin **cannot** enable team folder cloud backup when it is **disabled**.
- Allow cluster admin to query **devices** for **all tenants** on the tenant's device manager.
- When an **AD group** has already been imported into User Manager, prevent the administrator from **importing** the group **again**.
- Fixed issue in accessing **DFS share** as AD user when Admin updates Windows policy '**Allow log on locally**' on the server.
- Fixed cross-site-scripting issues on **Login/Forgot Password** and **Edit Share** pages.
- Ensure the device shows the correct **status icon** under Device Manager when the device is syncing.
- On Shared Files/Folders on web portal, show the **share creation** date for shared items.
- Allow the user to **suppress** the warning for **empty files** in the data set when uploading files to the web portal.
- Detect **duplicate emails** in the user's input during **batch user creation**.
- **Windows Client\Server Agent Side Fixes and Enhancements:**
 - Fixed a **memory leak** when the windows client has large number of tasks in the scheduler

database.

- Improved editing large **Revit** files in the windows client drive. Fixed the issue where Revit reported the file was corrupt.
- **Mac client Fixes and Enhancements:**
 - Improved support for **Adobe Photoshop**. Ensure the file is saved to the cloud using Photoshop to update the Picture's Color Mode.
 - When '**Enable Debug Trace**' is checked, ensure the trace is on when restarting the mac client/rebooting the mac machine
 - Updated **macclientshell** to always show full trace when it is started from console.
 - Fixed a bug in which the Mac client could not edit the file if the parent folder did **not** have **delete** permission but the current subfolder did.
 - Ensure the **folder copied** to the local attached folder is synced to the cloud via the Mac client.
 - Mac client syncing for **large folders** has been improved. Fixed a bug that caused the Mac client to hang while task processing.
 - Enhanced Mac client support for **Vectorworks**.
 - Ensure Mac client Settings shows correct values for **Large File Upload settings**.

- **Centrestack Server Side Fixes and Enhancements:**

- Enhanced **Forward/Backward** file preview navigation on **mobile** browsers.

- Added support for **extended OS Version** strings returned from Windows client/server



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strings returned from Windows client/server agent in the database's **device** table's schema.



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- To help the administrator comprehend the actions that prompted the warning, additional information was added to the **Ransomware Activities Detection email**.
- Added a scroll bar to the web portal to accommodate **long file/folder comments**.
- Support has been added for **AWS S3** bucket for the EU's **Milan** and **London** regions.
- Enhanced **Share Edit** UI
- Improved **Request File** UI
- Show choices to pick either **all upload tasks** or **all download tasks** after scanning the local folder attachment. It makes it simple for the user to resync missing local or cloud files.
- Ensure **notes** added during **share creation** are displayed correctly in the shared email.
- **Windows Client\Server Agent-Side Fixes and Enhancements:**
 - Enhanced performance of the windows client **folder listing**. Added additional protection for the **FileSysDB** database integrity
 - Windows client **replacement file warning** improved. The upload progress window won't cover the warning message.
- **Mac client Fixes and Enhancements:**
 - When the **cache size limit** is set to **Unlimited**, the Dashboard on the Mac client Management Console displays the correct cache use.
 - When the **user quota** is set to **Unlimited**, permit the Mac client to upload more than **1024GB** of data

1024GB of data.

- You can still open the file properly in the Mac client drive after the file cache has been erased manually. The file will be re-downloaded to the cache by the Mac client.

- **CentreStack Server Side Fixes and Enhancements:**



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- When the tenant has old **AD integration** defined, a bug in **Team Folder** Manager loading has been fixed.



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- Display a **meaningful warning message** when a tenant runs out of self-hosted licenses during tenant plan updating.



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- Resolved a **login** problem with **web portal** where the login failed with an Unknown error.
- When viewing a file on the web portal, increase the file size limit to **30 MB**.
- Improved UI in **share creation/editing**.
- When viewing a large folder in **pages** on the web portal, add a **previous page** button to allow users to go back to the earlier pages of items.
- Make sure the **More** link under **Activities** on File Browser displays when there are more file change logs for current folder
- The defined **password policy** won't be followed by **AD users**. Only native users are subject to the password policy.
- Under **Roles, Policies**, added two new policies:
- Disable the no password for new shares: Once

enabled, users cannot share items without a password.

- Disable the one-time password option for new shares: Once enabled, users cannot share with a one-time password.
- Improved **Request File** creation from share edit UI.
- **Windows Client\Server Agent-Side Fixes and Enhancements:**
 - The "**Web Portal**" option on the Windows client systray menu will launch the **default browser** and display the File Browser.
- **Mac client Fixes and Enhancements:**
 - Ensure Mac client reads **branding** information during Mac machine **rebooting**
 - Fixed **link to local sync** issue on Mac client
 - Fixed a task status **display issue** on Mac client Management Console, Dashboard.

- **CentreStack Server Side Fixes and Enhancements:**



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- **Google Cloud Storage** support has been enhanced.



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- When the Centrestack server uses a **non-US Date/Time** format, make sure the tenant **expires** on the specified **expiration date**.



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- When editing a share from the '**Sharing and Collaboration**' panel on the root folder, the web UI has been enhanced.

- Support **SSL mode** when configuring the

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database to use **PostgreSQL**.

- When **SharePoint Online** is integrated, ensure that files appear on Centrestack with the **correct timestamp**.
- The crash in **Gladinet Cloud Monitoring Service** has been fixed.
- When a user does not have **share** enabled in **Folder Permission**, ensure that the folder cannot be shared.
- When visiting a Team Folder, the **web portal** has been improved. It displays the **appropriate buttons** at the **top** based on the current user's **Folder Permission**.
- In both **Icon** and **Detailed List View**, the file/folder context menu under '**Files/Folders shared with me**' has been improved. The menu is displayed in accordance with the share permission.
- Ensure that the **shares** the user receives appear in both the **Icon** and **Detailed List view** under '**Files/Folders shared with me/** on the web portal.
- Improved preview of **PDF** files on the web portal.
- **Windows Client\Server Agent Side Fixes and Enhancements:**
 - When opening an **AutoCAD/SolidWorks** file with many links to other files, **performance** is improved.
 - Improved **Force Refresh** on windows client drive to update windows client folder listing with correct icon overlay.
- **Mac client Fixes and Enhancements:**
 - Ensure the Mac client reads the correct file

- Ensure the Mac client reads the correct **file lock** information when the file name contains **International** characters.
- When the file name contains **special characters**, the **public link** on the Mac client has been improved.
- Improved Mac client drive **Force Refresh** to update mac client folder listing with correct icon overlay.

- **CentreStack Server Side Fixes and Enhancements:**

- Ensure **same actions** available when **querying audit** on cluster and tenant levels.
- In **JSON API**, support querying **audit** and **file change log**
- On Tenant Dashboard, added **toggling** icon to define whether to keep the **left menu** open or close
- Enhanced **editing share UI** when working in different **screen resolutions**
- When **admin** shares a file or folder, it will **not** be limited by the Settings '**Maximum Share Expiration Time (Days)**' and '**Expiration Time for Shared Folder/File (Days)**' defined in Data Leak Protection, Sharing. The settings will only apply to users.
- **Fixed** an error when login via **Google Single Sign On**
- When Centrestack server **Date/Time** is **not** in US format, ensure **share file download notification email** is sent correctly.
- When '**Maximum Share Expiration Time**' is



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defined, ensure user **cannot** create share with longer expiration time

- Fixed some **exceptions** when using **Microsoft SQL Express/Server** as database
- **Mac client Fixes and Enhancements:**
- **Fixed** the issue that Mac client keeps **disconnecting**

- **CentreStack Server Side Fixes and Enhancements:**



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- When a **proxied AD** user is **imported**, ensure an **audit log** is added for the **user creation**



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- Fixed a **license count** problem where **guest users** were sometimes treated as **regular users**.



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- Enhanced **ransomware activity** email.
- You can use the '**Disable User**' action in the **Audit Trace** report to search for audit records.
- More **performance improvement** in loading '**Shared files/folders** on the **web portal**.
- **Shared Objects** in **Reports** now display the share **creation time**.
- Ensure the user can see the **tags** defined by the **admin** in published shares.
- **Windows Client\Server Agent-Side Fixes and Enhancements:**
- **Fixed** a crash in the **server agent** when it was **upgraded** from an older build.
- A **bug** where the Windows client kept reporting

that a **SolidWorks file** was **locked** was fixed when opening the file as a **shared file** or in a **shared folder** on the Windows client drive.

- **Enhanced** Windows client Drive functionality when use **Save As** in **Microsoft Project**.
- **Mac client Fixes and Enhancements:**
- **GladStdErr.txt** and **GladStdOut.txt** are **no longer created** by the Mac client in the **/private/tmp** folder.
- Enhanced Mac client audit/log feature. The log is **no longer enabled** by default. Users can **enable** the log from the **systray menu** or **Mac client management console**.

- **CentreStack Server Side Fixes and Enhancements:**

- When using **Azure blob** as a cloud backup target, the Windows client **device backup** syncing issue has been resolved.
- When updating **Tenant Storage** on the Tenant Plan page, also update the **tenant administrator's own quota** to the same value.
- When **an external user** downloads shared files, make sure a **download notification** is sent to the creator of the share.
- Ensure that files on the attached **Wasabi bucket** are **restored correctly** when the team folder is restored to a previous time.
- When logging in with **2-step verification**, an **audit** log has been added. Two-Factor Authentication Success and Two-Factor Authentication Failure are the audit actions.
- When **Single Sign-On** is enabled, make sure



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When Single Sign-On is enabled, make sure the SSO login link appears on the login page when using a **mobile browser**.

- Make **tag** searching **case insensitive**.
- **After creating** the user, ensure that the web portal returns to the **User Manager** screen.
- **Windows Client\Server Agent Side Fixes and Enhancements:**
 - Fixed the Windows client login issue when using **Azure App Proxy** as Centrestack external URL.
 - When using AWS **S3** as the backend storage, ensure that all files in a folder with more than **1000 files** are moved when moving the folder in the Windows client drive.
 - Fixed an error in the **PivotTable** refresh in **Excel**, when the source data is stored in other Excel files.
 - When the client is launched as a **Remote Desktop App**, it no longer crashes.

- **Centrestack Server Side Fixes and Enhancements:**
 - When existing users download **shared files**, ensure that a **download notification** is sent to the share creator.
 - **Namespace performance** has been improved.
 - Some UI pages now have **XSS protection**.
 - Improved text in the **file locking UI** to better explain the settings.
 - When querying the **file change log**, sort the

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results by date.

- **Windows Client\Server Agent Side Fixes and Enhancements:**
- When the Centrestack server does **not** have a **valid SSL certificate**, display a **meaningful error message** during the Windows client login.
- **MAC Client Enhancements:**
- Fixed an issue in the Mac client **management console** when **Stop Syncing** an Attached Local Folder.
- If the Mac client has **no permission** to access the folder, display a **warning** when **attaching** a local folder.
- Additional enhancement to Mac client. When a connection is **lost**, the client will display the **Reconnect/Exit** options.

-
- **CentreStack Server Side Fixes and Enhancements:**
 - Ensure tenant admin got **Team Folder notification** email, when it is enabled from **Settings, Notification, Team Folder**.
 - Fixed an error on **tagging a folder** when use **wasabi** bucket in **us-west-1** region as backend storage
 - Improved **performance** in loading '**Shared files/folders**' on web portal, when a user has created a lot of public links
 - Ensure **File Marked for Deletion** includes the sizes for **deleted folders** under **__vers__** folder



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- On 2-step verification setup UI, **mask** the security key by default
- **Windows Client\Server Agent Side Fixes and Enhancements:**
- Removed an **extra "** at the end of 'Open with Web Application' option in windows client context menu
- Fixed a **crash** in windows client/server agent **management console**, when **resizing** the console to a small windows
- **Reduced** windows client folder listing query from server, to improve server **performance**
- **Mac client Fixes and Enhancements:**
- Enhanced Mac client **auto start** when machine startup/reboot. Mac client will only start after the required daemon is fully up.

- **CentreStack Server Side Fixes and Enhancements:**

- Enhanced **restoring deleted folder** when use **wasabi** as backend storage
- Enhanced **2-step verification** setup UI
- In **team folder** cloud backup, ensure **all folders** are backed up. Can see all folders when view the snapshot created.
- When purging Trash Can, ensure **deleted folders** under **__vers__** folder are **purged**
- Enhanced support when connect via **webdav** on **Linux** machines
- **Windows Client\Server Agent Side Fixes and Enhancements:**



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- Fixed an error when **wiping server agent** from Devices list
- **Mac client Fixes and Enhancements:**
- In **Version Update** message, remind user to **restart** the machine after **update**.
- Fixed an error when **checking in** file in Mac Client **Management Console**

- **CentreStack Server Side Fixes and Enhancements:**

- When a user **shares** a **folder** under the **workspace team folder** (the team folder is a collection of existing folders), make sure the share link displays the shared folder's content.
- Fixed a bug in Report, **Shared Object** where the **Creator** for File Request only displayed the internal GUID.
- The error when logging in via **ADFS Single Sign-On** has been resolved.
- A bug in which a **welcome email** was sent whenever a user logged in via **Single Sign-On** has been fixed.
- In the **General** tab of Branding, we fixed a bug where pressing Enter prompted us to reset the entire branding.
- Improved **Upload Report** to allow an administrator to specify the end date for the report to be generated.
- **Windows Client\Server Agent Side Fixes and Enhancements:**



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- On windows, client login, add the '**Forgot your password**' link in the password window. Users can reset their password here.

- **MAC Client Enhancements:**

- Ensure Mac client **continues purging cache** following **cache size limit** defined when the client is running.
- After clearing the cache, ensure that the Mac client displays the correct file **icon overlay**.
- Enhanced **InDesign** file opening in Mac client drive when the file contains links to image files in other folders.

- **CentreStack Server Side Fixes and Enhancements:**

- When importing **Proxied AD users** via server agent, ensure the AD users are listed correctly under the '**Users**' containers.
- When setting up the **Data-at-rest** encryption password, allow the admin to use < and > in the password.
- Fixed an issue in which **proxied AD** users were not imported with the **correct email address** using the server agent.
- When publishing a file share with '**Always use NTFS permissions**', ensure **in-place versioning** works when enabled.
- Ensure **all images** used in the default **share email** are from **the CentreStack server**.
- When **sharing** a file/folder, allow users to define **expiration time** in **days and hours**.



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- In Reports, **Shared Objects**, make sure the

- In Reports, **Shared Objects**, make sure the **'Created'** field sorts the records **by time**.
- In the **'Receive Requested File'** email template, a new variable **'{UserInfo}'** was added to store user information.
- Ensure **Ransomware detection** works properly, when **'Notify if more than n files are changed in 1 minute'** setting is configured.
- When the **Ransomware Protection** setting is **changed**, **add** a related **Audit Log**.
- When **'Monitor Device Connected Status'** is checked in **multiple nodes** environment, ensure only **one** notification email is sent.
- **Windows Client\Server Agent Side Fixes and Enhancements:**
 - Improved Windows client **silent installation** to support **Intune mass deployment**.
 - We **fixed** an error when **creating a new folder** in the windows client drive on a Windows machine running with **Hebrew** characters.
 - When one user **checks out** a file, **prevent other users** from checking it out.
 - When using the **Windows Client Management Console**, make sure a file is **checked out** correctly on **Pending Check-ins** tab.
 - **Fix** an issue where the user **cannot recreate** a folder with the same name as a deleted folder on the Windows client drive, with **Azure Blob** as the backend storage.
 - Fixed a problem with the **server agent** that prevented the service from starting automatically on the **Windows 2022** server.
 - We have added more fixes for the problem of **creating a new folder** in the Windows client

creating a new folder in the Windows client drive from the **AutoCAD Save As** prompt window.

- We fixed a problem with Windows client **uploading**, which could upload only tiny files in some cases.
- Fixed a **crash** in the **Windows client**.
- **MAC Client Enhancements:**
 - Mac client will follow **cache size limit** defined in Client Settings or on Mac client Management Console. It will purge old cached files to ensure the cache folder is **within** the cache size specified.
 - When others **lock** a file, the MAC client will show a **warning** when **opening** the file in read-only mode.
 - On Mac OS with **non-English** system, Mac client will still be installed with the white labeled name, '**Cloud Drive Mac Client**'.

- **CentreStack Server Side Fixes and Enhancements:**

- **Prevent** users from **previewing deleted** files.
- **Performance** has been **improved** when loading the **database configuration page**.
- Added the **support** for the **Wasabi Sydney** region.
- **Enhanced** the **management UI** when the **screen resolution** is **low**.
- Ensure **tenant admin** follows **password policy** to change password.



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- **Windows Client\Server Agent Side Fixes and Enhancements:**
- Improved **server agent auto upgrade**, including the ability to **restart the server agent service** after the upgrade is complete.
- More protection has been added to **retain the file's original timestamp** while it was being **moved** in windows client drive.
-
- **MAC Client Fixes and Enhancements:**
- **Check-out/Check-in** functionality has been **added** in the **Mac client context menu**.
- **Fixed** an issue where the **Mac client systray icon** did **not** load after **restarting**.
- Delete **\$gtu temp** file created in Mac client **cache**, for **new files uploaded**

- **CentreStack Server Side Fixes and Enhancements:**

- When a cluster-admin edits a tenant and adds delegated tenant admins, the admin should only be able to pick up sub-users under the tenant.
- **Improved** web user interface to work with **long** and **multiple lines** of **Description**.
- S-8238: **Vulnerabilities** in **cluster/tenant branding** and **password reset pages** have been **fixed**. Improved **Request File** feature when **sending requests** to **multiple** emails.



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- We **fixed** an issue where other **settings** appear to be **disabled** until **refresh** after **disabling 2-step verification**.
- When **downloading** a **folder** larger than the **size limit specified**, ensure that the web portal displays a **meaningful error message**.
- When '**Disable Public Link**' is **enabled** in **Sharing**, ensure the **request file** and **share functions** still **work** on the web portal.
- Corrected a **UI error** when **deleting** a **Proxied Group** in **User Manager** via **Delete Selected User** in **detailed list** view.
-
- **Windows Client\Server Agent Side Fixes and Enhancements:**
- **Resolved** a **random crash** of the **Windows client**.
- **Resolved** an issue in which the Windows client reported a '**Bad Token**' error when **switching** from **offline** to **online** mode.
- **Resolved** an issue in which the **folder** was **locked** when **locking a file** using **distributed locking**.
- **Addressed** a **sluggishness** issue when **opening certain folders** on the **Windows client drive**.
- **Improved** Server Agent **performance** when **syncing file deletions**.
- **Resolved** an issue when **creating a new folder** in **AutoCAD file saving** window
- **Resolved** an issue in which **saving an AutoCAD** file resulted in an error when the file was **opened** in **Windows client drive**.

- **CentreStack Server Side Fixes and Enhancements :**

- When a **cluster administrator** edits a tenant and enables '**Force offline cache on native client**' for a folder under a **Team Folder** , ensure that clients in the tenant **adhere to the setting** .
- Ensure that the administrator can **delete File Requests created** in the user's **root folder** from **Reports / Shared Objects**.
- When the **Ransomware Protection** option '**Notify if more than n files are changed in 1 minute**' is configured, check that the **number of files reported** in the **email alert** is **correct**.
- Improved **File Locking Settings User Interface**. All other settings are **greyed out** when **distributed locking** is **disabled**.
- When **external DNS** is **updated**, ensure that **Single Sign On metadata** uses the **new URL**.
- Support **external DNS** when using **ddns.me** domain.
- When **creating** a **Request File** and using the '**GENERATE LINK**' button, create a **new link** if the **existing link** has **expired**.
- **Fixed** an issue in **Cloud Backup**, where the backup task **failed** with the error '**SAME_NAME_FILE_EXIST**'.
- After **changing** the **Language Setting** in **File Browser**, make sure the **Management Console** is set to the **same language**.
- When **restoring** a **deleted folder** and selecting **recursive restore**, restore all **deleted**



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files/subfolders within the **folder**.

- **CentreStack Server Side Fixes and Enhancements:**
- **Improved** Single Sign-On support for **tenants** . If the tenant's **customized URL** is defined, the **entity ID** generated in the **tenant's SSO metadata** will follow it.
- When the '**Create User When User Doesn't Exist**' setting in the **Single Sign-On** configuration is **enabled** , it **resolves** an issue with **auto-create new user** when the user **logins via SSO** and Centrestack only has the **default tenant** .
- After the **cluster-admin** edits a **tenant** and **downloads the server agent** from the **team folder creation wizard** , the **server agent** will **auto-login** as the **tenant admin's account** after installation.
- **Management UI** has been **improved**. When **assigning** users to a **role**, the **administrator** has the **option** of **creating a new user**. The newly created user is **automatically** added to the **role**.
- **Fixed** an **issue** in which **login** from the **web portal** was **redirected** back to the **login page** in certain cluster.
- **Support** has been **added** for all **regions in Wasabi**.
- **Fixed** an **issue** where **AD users** with **different UPN suffix** encountered an **error** when **attempting** to **access the share**.

- **Mac Client Fixes and Enhancements:**

- On the **Mac client**, we **fixed an issue** with



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- On the **Mac client**, we **fixed an issue** with **moving the folder** from **Team Folders** to the **user's root**.
- To **purge audit/log files**, the **Mac client** now **follows** the '**Keep audit trace logs**' setting in the Mac client's **Management Console, Settings**.

- **CentreStack Server:**
- Allow the **administrator** to **turn off Tenant-Level Ransomware Protection**.
- When using **Azure blob** as tenant **backend storage**, make sure the **storage scan counts all folders**.
- When the '**Send email notification when logging in from a new location/device**' option is **enabled**, the **New Sign-in email** is **sent** only to the **administrator**.
- A **crash** has been **fixed on WindowsClientShell.exe**.
- **Enhanced Reporting for Folder Permissions**. The report **shows Allow/Deny** permission now.
-
- **Windows Client\Server Agent:**
- Allow **administrator** to **update the cache location** in the **Server Agent Management Console**.
- If you **move a team folder** on windows client drive, the operation will fail. Make sure the team folder **reappear** on the Windows client drive root.
-



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- **Mac client :**
- **Fixed** an issue where Mac client hit error **'There was a problem connecting to the server "127.0.0.1" .'**
- **Fixed** an issue on **extracting zip** file in Mac client drive
- Enhanced Mac client to follow number of days defined in **'Keep audit trace for n days'** . Mac client will **purge audit/log files older** than the defined days.

- **CentreStack Server Side Fixes and Enhancements:**

- Improved **cluster Dashboard UI** to make **Multi-Tenancy support** easier to enable.
- Improved **two-step verification**. When the **security code is emailed**, it is valid for **10 minutes**. When using an **Authenticator-generated code**, the code is valid for **1 minute**.
- When **Single Sign-On** is enabled, **ensure** that the Windows client **follows** SSO login.
- Resolved an issue with **downloading files** in **file preview mode** on the **iOS** system's **browser**.
- Improved **SharePoint Online** support for **folders** that **contain special characters** within the site.
-
- **Windows Client\Server Agent Side Fixes and Enhancements:**



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- Ensure that **upload/download bandwidth** is correctly **displayed** in the Windows Client/Server Agent **Management Console**.
- Allow all files in the **DICOM** folder to be **synced to the cloud** in order to **support medical images** stored in the folder.

- **CentreStack Server Side Fixes and Enhancements:**

- When **creating a new tenant**, make sure to **include** the **Organization name**.
- When **detecting** devices with **failed sync tasks** in Cluster Reports, System Diagnostic Report, **show a link** to **display** all the devices detected.
- Check that the **file tag works** when the file name **contains special characters**.
- **Improved** folder sharing link. When you **share a folder** with an existing user, the user can log in by **clicking** the link in the share email. After logging in, the web portal **automatically redirects** to the shared folder.
- **Windows Client\Server Agent Side Fixes and Enhancements:**
- When **starting** the **Windows Client** via **WindowsClientShell.exe**, display the '**Force Refresh**' context menu when right-clicking any **empty spot** under a folder in the Windows client drive.
- **Resolved** an issue where the Windows client received an **OutOfMemoryException**.
- **Prevent users from renaming** files that have the **same name** but **different cases** in the



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same folder on the Windows client drive.

- **CentreStack Server Side Fixes and Enhancements:**



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- With **Wasabi** as **backend storage**, a **folder renaming issue** was **fixed**.



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- On the **Tenant Dashboard**, a clear **label** has been **added** to show where to alter tenant **license and storage**.



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- In **Team Folder Cloud Backup**, an **issue** was **fixed**.
- **Team Folder report**, which **shows** all team folders with **Collaborators information**, has been **introduced** to the **Tenant Reports**.
- When **resetting** a guess user **password** on **My Guest Users**, a **UI problem** was fixed.
- When **accessing** the Windows client/server agent **Management Console remotely**, the **web UI** has been improved.
- In **User Manager**, the editing **user quota UI** has been improved.
- Support for **OpenStack 3.0** has been **improved**.
- Allow **empty files** to **upload** to the **web portal** if **empty file syncing** is **enabled**.
- When **sharing** a file or folder with a **system generated password** and **sending the password** to the user in a **second email**, make sure the user **receives both** the share and password emails.
- On **Single Sign-On** configuration/Login, we

fixed certain **vulnerabilities** discovered during a penetration test.

- **Windows Client\Server Agent Side Fixes and Enhancements:**
- **Fixed** an **issue** with **creating folder public links** via the **Windows client context menu** while using **Wasabi** as **backend storage**.
- When the machine comes back **online**, make sure **running Windows Client switches** to **online mode** and stays **logged in**.
- **UI** for **scanning** attached folders has been **improved**. It displays the **start** and **running times** (elapsed time).
- Make sure the **upload task tracker** is **visible** when **copying** a file from a **local drive** to a **Windows Client drive**.
- When **SSO** is **enabled**, make sure the **Windows Client logs in** using the **SSO** settings.
- When using **SSO** to **login** to the **Windows client**, an **issue** was **resolved** that caused the **cloud contents** to appear on the **web portal** rather than in **Windows Explorer**.
- When **copying** a folder **within** Windows client drive, make sure the **original timestamp** of the file is **preserved** on the target folder.
- Allow **users** to **delete entire tasks** in the new Windows client management console when allowed.
- When the **login email contains underscore**, show the **proper email** in the Windows client/server agent **management console**.
- Fixed an **issue** with **Microsoft Publisher** while **editing/saving files** on a Windows client disk.

- If the user does not have **delete permission** on the folder, do **not display a warning** while using **Adobe Acrobat/Acrobat Reader** to open/close **pdf files** from the Windows client drive.
- After **changing** the **cache folder**, an issue with files not being able to be **opened** from the Windows client drive **was resolved**.
- **Mac Client Enhancements:**
- Ensure that the **file's timestamp** is **updated** while editing and saving a **pdf file** on a **Mac client drive**.

- **CentreStack Server Side Fixes and Enhancements:**



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- Insert an **Add_User** audit record for tenant **admin** when creating a **new tenant**.



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- When **Anti-Virus/Ransomware** settings are **defined**, ensure '**Ransomware Protection**' is **enabled** after the **upgrade**.



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- **Windows Client\Server Agent Side Fixes and Enhancements:**

- Windows client **branding** has been **improved**. On **non-English Windows OS**, make sure the **branded icon** appears in the **start menu**.
- When setting up **link-to-local syncing**, make sure the **files updated** on the **cloud** are **synced down** to the **local folder**.
- In the new **Windows client/server agent Management Console**, the **Pending Retry** tab now **displays** the **correct task list**.

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- When the option "**Do not show file in-place editing/preview disabled notifications**" is **enabled** in the **Windows client notification**, make sure the client does **not display a warning** when **browsing** a folder with **zipped files**.
- The **offline folder** in the **Windows client** has been **improved**. If the user **does not have access permissions**, the client **will not attempt to download files** from the **subfolder**.
-
- **Mac Client Enhancements:**
- From the **right-click context menu** on a **Mac**, the **offline folder** can be **enabled**.
- When **editing Adobe Illustrator (.ai) files** on the **Mac client drive**, the file will **no longer be hidden** after editing and saving it.

- **CentreStack Server Side Fixes and Enhancements:**

- **Application Manager** has been **re-added** to the **Cluster Dashboard**.
- While **editing team folders**, an issue was **fixed** when **adding proxied AD groups** on the **Folder Permission** tab.
- On the **folder restore confirmation window**, provide a **Cancel** option.
- If you **utilize list view** on a **web portal**, make sure it **stays in list view** when you **close** the **file preview**.
- **Re-added** the **OU limit** while setting up **local AD integration**.



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- When you **refresh the System Diagnostic Report**, make sure it shows the **most recent server status**.
- **Windows Client\Server Agent Side Fixes and Enhancements:**
- **Installation** of the **server agent** with **PostgreSQL** has been **improved**.
- Under **Settings, User Account & Security, Security**, there is now a new setting called **'Force client re-authentication when network changes.'** When this setting is **enabled**, and the machine **moves** to a **different network**, the **Windows Client** will **automatically logout**, forcing the user to **re-login**.
- On the **server agent management console**, the **scanning of linked folders** has been **improved**.
- When using a **code sign certificate to brand a Windows client/server agent**, make sure all **new executables** on the server agent are **signed**.
- Set the **token expiration date** for the **Windows Client to 10 years in the future** when the **'Native Client Token Timeout'** is set to **0**.
- When **offline** is **enabled** for a folder, **right clicking the folder** on the **Windows client drive** shows **Disable Offline Folder** option.

-
- **CentreStack Server Side Fixes and Enhancements:**

- Allow cluster admin to **update** tenant's



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Organization Name on Tenant Dashboard
after tenant is Created.



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- On the **root file**, an **issue** in the **file revision history display** was **fixed**.
- **S3 GovCloud** setup has been **improved** with the web user interface. Make sure the **secret access key isn't** written out in **clear text**.
- Ensure that the **file preview** on the **web portal** always **displays** the **latest** content.
- **Windows Client\Server Agent Side Fixes and Enhancements:**
- **WindowsClientShell.exe** no longer **hangs** during **startup**.
- **File syncing** on the **attached folder** has been **improved**.



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- **Server Side Fixes and Enhancements:**
- Support **Google** as identity provider for **Single Sign On (SSO)**
- Enhanced **namespace performance** when use **S3** as backend storage
- **Do not use Single Sign-On** when a **guest user signs** into the web portal via a **link** in a **shared email**.
- The **file change log query performance** has been **improved**.
- Fixed a bug in **file preview** on web portal, when use **s3** as backend storage.
- **Windows Client\Server Agent Side Fixes and Enhancements:**



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- The **server agent management console** has been **improved** to allow you to **migrate a CIFS share** with **ampersand (&)** in the **name**.

- **CentreStack Server Side Fixes and Enhancements:**

- Support has been added for **folder.app tunnel DNS**. After the initial setting, the Centrestack server will automatically set up **HTTPS://.folder.app** to provide **easy HTTPS access**. An administrator can **define** its own **public DNS (external URL)** later.



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- The Centrestack **administrator dashboard user interface (UI)** has been **redesigned** to make it **easier to monitor and manage administration controls and functions**.
- When opening the **Performance Monitor** report from **Cluster Reports, System Diagnostic Report**, an **issue** has been **fixed**.
- Fixed issues when using **S3** as backend storage. Ensure files **uploaded** via Windows Client/Server Agent show they are uploaded from the **correct device**. Allow folder with **ampersand (&)** in name to be uploaded to root. **Renaming** a folder **preservers** the original **timestamp**.
- Fixed an error when **deleting files** via **WebDAV** interface using **S3 compliant storage** as the backend.
- When there are **NTFS permissions** specified as **Deny on the local source folder**, improved **permission sync** via **server agent**.
- Ensure that the **admin's welcome email** uses **external DNS**.

- When the **option 'Disable folder download from web client'** is selected in **Settings, Clients & Applications, Web Portal**, the user will **not be able to download shared folders**.
- **File Requests** created are now **shown** in **Reports, Shared Objects**.
- **Admins** can now **delete shares** under **Share, Access Control, External Sharing** **without encountering** an error when the shared folder **name contains** a single quote (') .
- In the **detailed** list view, added the **Edit icon** for the **admin user** from **User Manager**.
- **File preview** on the **web portal** has been **improved**. It allows you to preview files up to **30 megabytes** in size.
- Fixed an **issue** when **querying** the **audit trace** for **'Failed Login'** didn't find any existing entries.
- If **2-step verification** is turned **on**, make sure it **stays on** after the upgrade.
- **Removed** support for **Internet Explorer**.
- **Enhanced user interface** for **creating/updating** share/request files.
- When the **Cluster Setting 'Only allow access performance information from local host'** is **activated**, performance statistic pages **can only be accessed** from **localhost**.
- A **bug** with **editing the storage configuration** for an **existing SharePoint Online share** has been **fixed**.
- When **deleting a shared root file**, the user is **prompted** to **un-share** the file first.
- Do not **auto-select the users** returned when

querying AD users via local AD integration or server agent for remote AD integration.

- When '**Disable external sharing**' is turned on in **Share's Advanced Security Controls**, **admins** will be **unable to share** with external users under **Team Folder, External Sharing**.
- When a share's '**Send email notification when file is uploaded**' option is **enabled**, **no** notifications are sent for '**accessfile**' activities.
- When **utilizing** the '**Copy Direct URL**' option to access a folder on a **browser**, the **folder navigation** has been **improved**.
- A **branding issue** with the **Windows Client** has been **rectified**. The **branding** on the Windows client is **reset** when admin clicks **Reset Branded Package**.
- Make sure **Device Manager** shows the **device's status**.
- When '**Show tutorial pages for non-admin users**' is checked, the tutorial page link **should appear** on the user's web portal.
- On the web **portal**, the **preview** of **PDF files** has been **improved**.
- The Web Portal setting '**Disable folder download from web portal**' now has a **clear explanation**.
- Show the **native login** screen when logging in via **http://localhost** on the Centrestack server, even if **Single-Sign-On (SSO)** is **enabled**.
- The web portal has been improved **while browsing** Shared Files/Folders on **mobile devices**.
- The online portal's **Microsoft Office Online** file opening has been **improved**.

- Manually **forcing** folder permission sync has been **improved**.
- When using the **server agent** to **sync folder permissions**, a minor **memory leak** was fixed.
- **Ensure** that during **auto permission sync**, the **server agent syncs** all **users** to the cloud.
- The Centrestack server's **installation** has been **improved**. If possible, it now **launches** the initial **configuration page** right **after** installation.
- Make sure the **file preview** in the **web portal** reflects the most **recent content** when a file is modified using '**Open with Local Application**'.
- When **configuring** local AD integration, **auto-enable "Publish user's home drive."**
- An issue has been **fixed** to **ensure** that the **public links** continue to work after the **upgrade**.
- Make sure that all sections of the **File Browser** appear in detailed **list view** when the setting '**Show File Browser in List-View by default**' is **enabled** under Web Portal, Client & Administration Settings.

Highlights

EFSS Product Comparisons (/Compare/)
Multi-Tenant, OnPremise EFSS (/ServiceProvider/MultiTenantSyncAndShare/)
Natively Mapped Devices (/NativelyMappedDevices/)
File Server Integration (/cloud-file-server/)
Branding & Customization (/ServiceProvider/BrandableSyncAndShare/)
Data Loss Prevention (/Prevention/)

CentreStack On

OpenStack SWIFT (/OpenStackSwiftIntegration/)
HP Helion (/HPHelion/)
AWS (/AWS/)
AWS GovCloud (/AWSGovCloud/)
Azure (/Azure/)
Azure Government (/AWSGovCloud/)

[Endpoint Backup \(/OnlineStorage/\)](#)

[Data Compliance \(/DataCompliance/\)](#)

[Google Cloud \(/GoogleCloud/\)](#)

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[Documentation \(/Documentation/\)](#)

[Admin Guide \(/Library/AdminGuide/index.html\)](#)

[User Guide \(http://www.gladinet.com/CloudEnterprise/GladinetUserGuide.pdf\)](http://www.gladinet.com/CloudEnterprise/GladinetUserGuide.pdf)

[Branding Options \(/BrandingOptions/\)](#)

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