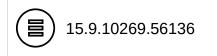
CentreStack Release History

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

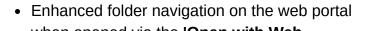
- CentreStack Server Side Fixes and Enhancements:
- Resolved an issue with inconsistent Team
 Folder counts between the Tenant Dashboard and Team Folder Manager.
- Fixed a sharing error when the setting "Users must log in to access the content in 'Files shared with me' folder" is enabled in Sharing settings.
- 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.

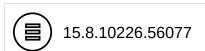


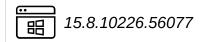




- Resolved an issue where newly created Office files on the web portal were read-only when opened with the Office iOS App via the iOS App.
- Windows Client/Server Agent Side Fixes and Enhancements:
- Fixed a Windows Explorer crash issue on non-Intel CPU machines.
- Fixed an error when Revit saves files 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.



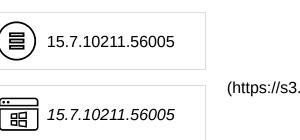






when opened via the **Open with web** Browser' option in the Windows client context menu.

- 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.

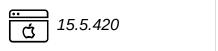


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- Improved AD user login speed on the web portal, ensuring faster access.
- Enhanced mobile web support on iOS Safari for a smoother experience.
- Windows Client/Server Agent Side Fixes and Enhancements:
- Improved dark mode support in the Windows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







- 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

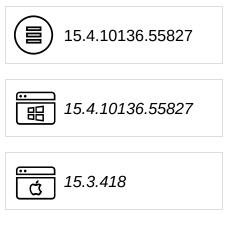






Client. When enabled, the Windows client will hide the context menu.

- 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



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.



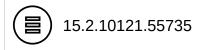


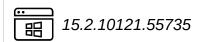


- Enhanced Single Sign-On (SSO) by allowing identity providers (idP) to return group information in the 'memberOf' SAML attribute.
 Centrestack will now parse this information and assign users to the corresponding groups.
- Resolved an issue where the download button was missing from the public link 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 gueried 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_AlwasyUseModifyTime" 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



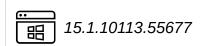




happened when editing share configurations for user with passwords containing the '>' character.

- 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.



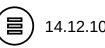




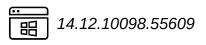
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- Improved user feedback by providing a clear error message when an attempt is made to remove a delegated administrative user within the tenant's User Manager.
- Introduced a new feature in Settings under
 User Account & Security, within the User
 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 inplace 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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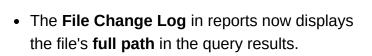


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- When attaching a Wasabi bucket, enable the administrator to select a subfolder within the bucket.
- Windows Client\Server Agent-Side Fixes and Enhancements:
- Right-clicking an Office file and selecting 'Open
 with Web Application' on the Windows 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 resyncing 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.

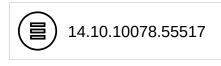


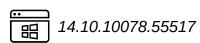
- Resolved the issue with share deletion in the user's Shared Objects tab.
- Support manually entering the bucket name, including the cross-account S3 bucket name, when configuring S3 access.
- Corrected the PDF preview issue in shared folders.
- When setting up sync throttle, the system prevents users 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.

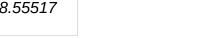


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- Enhanced support for umlaut characters in file and folder names.
- Ensure the Mac client displays the correct
 Team Folders for a new user upon logging out and re-logging in.
- Display a meaningful error message when a user attempts to rename a team 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









• 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:**
- Improved Server Performance with Azure Blob as Backend Storage.
- Enhanced Performance for Accessing Azure
- Files Shares.

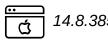
Resolved "Access Denied" Issue for Cluster



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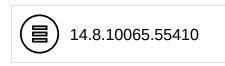
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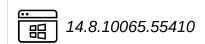


14.8.385

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.



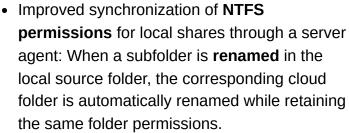


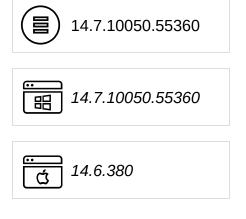


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Make introduced a filter within the Depart

- we've introduced a litter 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.
- agent: When a subfolder is **renamed** in the local source folder, the corresponding cloud





The associated Folder Permission will be

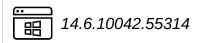
removed when a team folder is unpublished. As a result, the Folder Permission report will no longer display permissions for the unpublished team folder.

- 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:
- **Improved** server **performance**. Removed some queries from the database which are no longer needed.
- Fixed a bug in folder deletion when using Google Cloud Storage as backend storage.
- 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.'

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

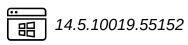


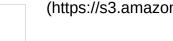


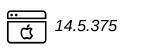


- We have fixed a crash in the server agent access service.
- We have fixed a crash on the 'Open File' function on the Windows Client Systray menu, Recent Files.
- MAC Client Fixes and Enhancements:
- When restoring files and folders on the web portal, ensure the Mac client drive shows the restored items.
- 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



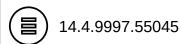






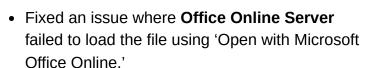
will always show in the Share creation wizard.

- 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.
- Centrestack Server Side Fixes and Enhancements:



 A file or folder with a leading dot cannot be uploaded through the web interface.







- 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-

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

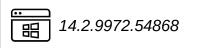
Mac client no longer creates the file
 'CloudDrive' on the account's root.

- 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.



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





 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.



- 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:

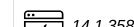
- Improved support for Adobe Photoshop.
 Ensure the file is saved to the cloud using Photoshop to update the Picture's Color Mode.
- When 'Enable Debug Trace' is checked, ensure the trace is on when restarting the mac client/rebooting the mac machine
- Updated macclientshell to always show full trace 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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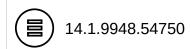
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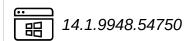
- agent in the database's **device** table's schema.
- To help the administrator comprehend the actions that prompted the warning, additional information was added to the Ransomware Activities Detection email.
- Added a scroll bar to the web portal to accommodate long file/folder comments.
- Support 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
 1024GP of data

10240D or 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:
- When the tenant has old AD integration defined, a bug in Team Folder Manager loading has been fixed.
- Display a meaningful warning message when a tenant runs out of self-hosted licenses during tenant plan updating.
- 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



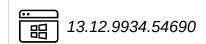




enabled, users cannot share items without a password.

- 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:
- Google Cloud Storage support has been enhanced.
- When the Centrestack server uses a non-US
 Date/Time format, make sure the tenant
 expires on the specified expiration date.
- 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





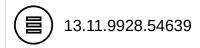


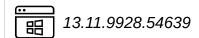
database to use **PostgreSQL**.

- 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:

Chaura the Man alient reads the servest file

- lock information when the file name contains
- 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



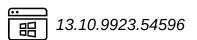




defined, ensure user **cannot** create share with longer expiration time

- 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:
- When a proxied AD user is imported, ensure an audit log is added for the user creation
- Fixed a license count problem where guest users were sometimes treated as regular users.
- 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



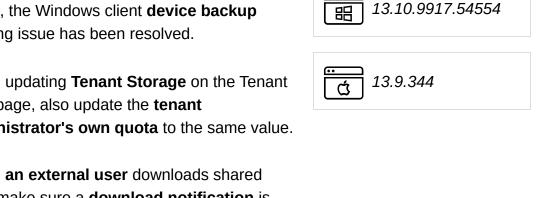




that a SolidWorks file was locked was fixed when opening the file as a shared file or in a shared folder on the Windows client drive.

- 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.



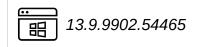
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the SSO login link appears on the login page when using a **mobile browser**.

- · 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







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



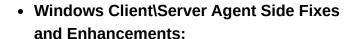


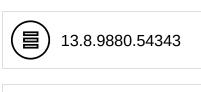


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- security key by default
- Windows Client\Server Agent Side Fixes and Enhancements:
- Removed an extra " at the end of 'Open with Web Application' option in windows client context menu
- Fixed a crash in windows client/server agent management console, 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









- 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:



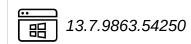




- On windows, client login, add the 'Forgot your password' link in the password window. Users can reset their password here.
- MAC Client Enhancements:
- Ensure Mac client continues purging cache following cache size limit defined when the client is running.
- After clearing the cache, ensure that the 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.

In Donorte Charad 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

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 readonly 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.







- 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 toretain 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.



- We fixed an issue where other settings appear to be disabled until refresh after disabling 2step 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.

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- 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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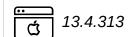


files/subfolders within the folder.

- 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







- 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.

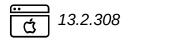


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- Mac client :
- Fixed an issue where Mac client hit error
 'There was a problem connecting to the server "127.0.0.1" .'
- Fixed an issue on extracting zip file in Mac client drive
- Enhanced Mac client to follow number of days defined in 'Keep audit 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 Authenticatorgenerated 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:

- 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





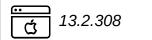


same folder on the Windows client drive.

- CentreStack Server Side Fixes and Enhancements:
- With Wasabi as backend storage, a folder renaming issue was fixed.
- On the Tenant Dashboard, a clear label has been added to show where to alter tenant license and storage.
- 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



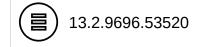


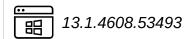


a penetration test.

- 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:
- Insert an Add_User audit record for tenant admin when creating a new tenant.
- When Anti-Virus/Ransomware settings are defined, ensure 'Ransomware Protection' is enabled after the upgrade.



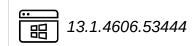




- Windows Client\Server Agent Side Fixes and Enhancements:
- Windows client branding has been improved.
 On non-English Windows OS, make sure the branded icon appears in the start menu.
- When setting up link-to-local syncing, make sure the files updated on the cloud are synced down to the local folder.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

- 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.

 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 relogin.
- 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:



13.1.9673.53385

Organization Name on **Tenant Dashboard** after tenant is Created.



12.12.4602.53348

- 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.
- 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:







 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.
- 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, autoenable "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 &

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