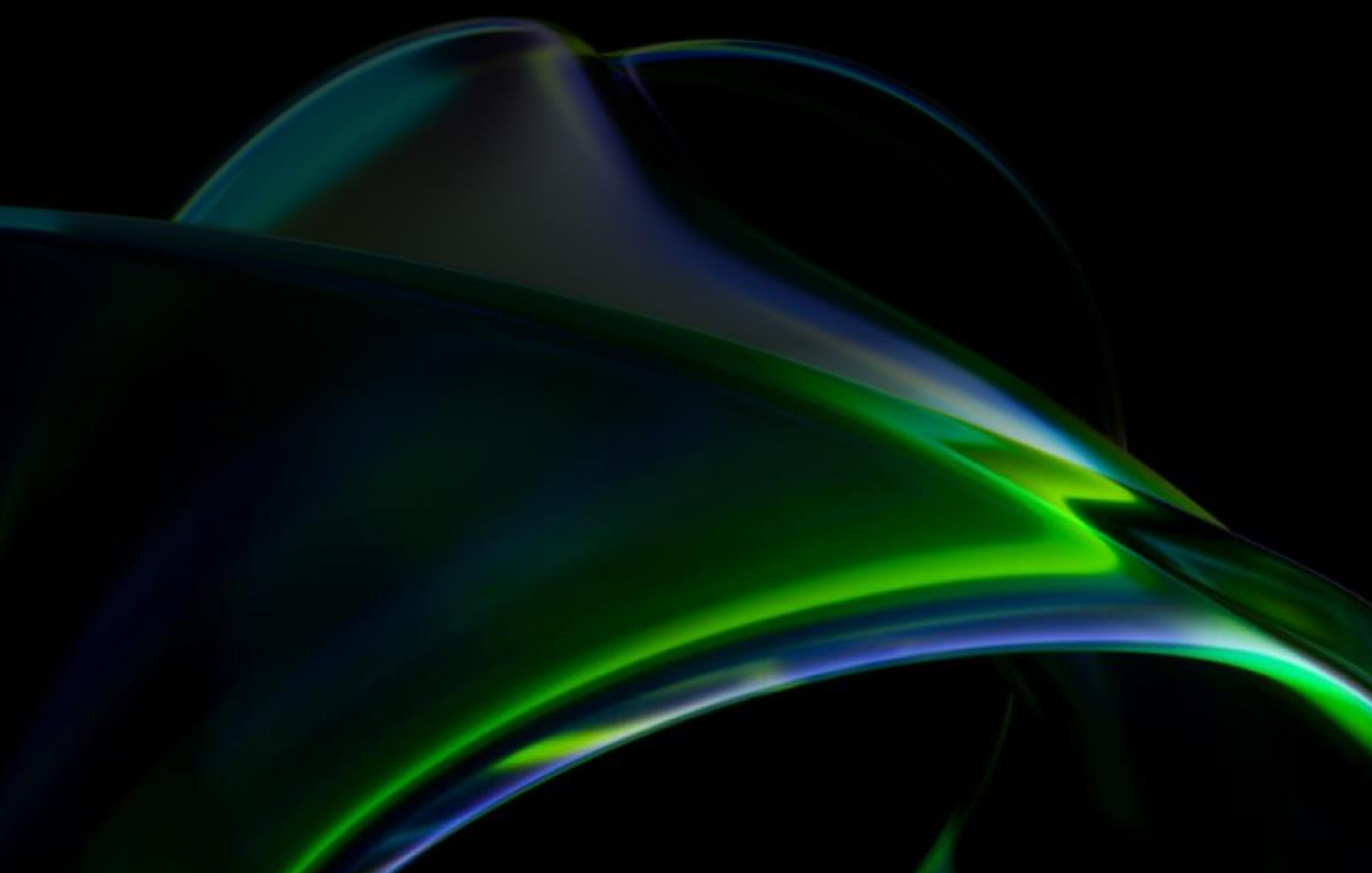# HBOX

## HBOX Change log **V28**

# Here is a summary of the Updates for <u>HBOX V28</u>

## 1. Bug Fixes:

- Fixed issues with share creation, event creation with old timestamps, and background theming deletion.
- Corrected bugs in various features like federated shares display, share roots writability, LDAP group names, and user file directories.
- Resolved problems in applications such as CalDAV, CardDAV, and OAuth2.
- Addressed specific issues related to trashbin filenames, file API route names, and unencrypted home folders.
- Resolved various file reminders bugs and prevented PHP warnings when CacheEntry extension keys are not set.
- Addressed issues with metadata preloading for sub-children and adjusted the add button functionality.
- Fixed PHP 8.3 support in tests and multiple bugs in the user management app navigation styles.
- Corrected settings focus issues and addressed a CardDAV upgrade sync limitation.
- Resolved several accessibility and user status display bugs.
- Improved the handling of file uploads, share permissions, and public file uploads.
- Fixed issues with OpenAPI capabilities, file reminders on public shares, and autoloader side effects.
- Addressed bugs related to session management, LDAP group storage, and federation requests.
- Fixed unit tests on PHP 8.3
- Fixed folder encoding issues
- Fixed invalid session token log level.
- Sorting improvements, handling of special characters, and resolving issues with thumbnails and folder handling.
- Various fixes including timestamp tracking and emoji picker border removal.
- improvements in loading and managing metadata.
- Fixes related to user handling, two-factor authentication, and memory limit checks.
- Paste multiple line to table issue
- Show selection status correctly in menubar
- Handle non markdown files in conflicts
- Fix and upgrade cypress workflow
- Fix warning during test run with PHP 8.2
- Catch unique constraint violation when creating new documents
- Fix issue with cursor in image description on Firefox
- Fix sync errors after network issues
- Fix CSS margin-bottom for list items
- Fix line-through selector
- Clear pending autosync on close
- Fix link preview width on mobile

- Remove redundant CSS
- Handle viewer loading in collectives
- Remember cursor position when autofocus on load
- Fix max width of editor container on mobile
- Fix CSP issue on loading RichWorkspace component
- Fix margin-bottom for list items
- Fix npm audit
- Fix sync: only save on close if changes were made.
- Add component SkeletonLoading
- Expose formatting menu bar actions through slash command
- Add support for mermaid.js rendering
- Prepare for 28.0.0-dev.1 release
- Add index to session_id on text_steps table
- Make the menu bar `role=toolbar` and add focus handling
- Hide share and close buttons on direct editing for desktop

## 2. Enhancements and New Features:

- Introduced new APIs and methods for user backends, batch operations, and setup checks.
- Added WebP support and improved file sharing functionalities.
- Enhanced logging mechanisms and error handling.
- Improved theming, accessibility, and contrast adjustments.
- Introduced OpenAPI specifications and utility commands for object store management.
- Upgraded security features like bruteforce protection in OAuth2 and increased hash iterations.
- Introduced AI-generated code suggestions.
- Implemented a personal absence API.
- Enhanced accessibility for user menus and input fields.
- Enabled advanced search capabilities with multiple terms.
- Introduced uploaders and drag-and-drop support for files.
- Added a new factory method for in-memory caches.
- Improved upload progress visualization and sharing flows.
- Updated sign-up links
- Added grid view to files.
- Supported nested actions in files.
- Implemented backend for personal absence settings.
- Added preview provider for EMF files based on Office.em API v2 for the dashboard.
- Added events for version restore and out-of-office messages.
- Enabled caldav push notifications by default.
- Allowed configuration of app menu order in the frontend.
- Added grid view to files.
- Supported nested actions in files.
- Implemented backend for personal absence settings.
- Added preview provider for EMF files based on Office.

# 3. Refactoring and Code Improvements:

- Significant code refactoring to improve readability, including strpos and substr calls, constructor property promotion, and migration to dependency injection.
- Removed deprecated methods and code.
- Optimized test readability and code quality.
- Adopted PHP8's features for better code management.
- Enhanced the performance of DAV permissions calculations and unified search.
- Refactored share permission logic and moved it to a storage wrapper.
- Replaced custom input fields with `NcTextField` and migrated contacts menu to Vue.
- Replaced deprecated methods and improved database query handling.
- Refactored the `OC\Server::getAvatarManager` and moved inline documentation to online sources.
- Improve paste handler for table cells
- Update last saved timestamp when document is saved
- Only save on close if changes were made
- Stricter typing to match psalm level 2
- Fix some JS deprecations
- Remove duplicated save key action
- Throw error on save failure

# 4. Performance and Optimization:

- Improved tag retrieval efficiency and reduced load on file version previews.
- Enhanced file scanning performance and streamlined database operations.
- Enabled asynchronous brows
- Added grid view to files.
- Supported nested actions in files.
- Implemented backend for personal absence settings.
- Added preview provider for EMF files based on Office.ching user count for faster performance.
- Optimized cache jail creation.
- Improved performance for file listing.
- Enhanced UserMountCache::registerStorage.
- Made optimizations for built-in storage wrappers.
- Enhanced performance with optimizations in virtual list handling and lazy loading of geoNameFolder.
- Created feedback and PR-related workflow files for better project management.

## 5. Development and Dependency Updates:

- Regular updates and upgrades of dependencies, including Cypress, PHPUnit, Guzzle, and others.
- Updated workflows and configurations to match current best practices.
- Cleaned up failed upload chunks and removed deprecated APIs and polyfills.

## 6. Setting and Configuration:

- Updated and corrected various templates, and configuration settings.
- Improved user guidance for missing files and enhanced the display of app links.
- Adjusted admin setup checks and enhanced security warnings.
- Fixed several personal settings issues
- Updated `config.sample.php` with correct theme name and added missing ones
- Allowed share expiry dates lower than enforced limits.
- Added OpenAPI attribute to allow multiple scopes.
- Added a command to run setup checks from CLI.

## 7. Security Improvements:

- Added a bruteforce protection backend based on memcache.
- Ensured no passwords are logged in debug mode.
- Updated CA certificate bundle and implemented X-Requested-With header to avoid browser auth dialogs.
- Improved middleware header injection for bruteforce protection.
- Added "no public GH Issues please" request to [security.md](security.md)
- Fixed trusted server input field
- Fixed OpenAPI quota fields
- Fixed semaphore unguarding

## 8. Dependencies and Maintenance:

- Bumped various dependencies including `marked`, `core-js`, `cypress`, `phpunit`, and `guzzlehttp`.
- Fixed issues in the CI setup, including updating `.drone.yml` signature and handling cypress setup.
- Removed deprecated ILogger uses and opis/closure from 3rd party libraries.
- Improved npm audit processes and addressed dependency vulnerabilities.s and prevented PHP warnings when CacheEntry extension keys are not set.

- Addressed issues with metadata preloading for sub-children and adjusted the add button functionality.
- Fixed PHP 8.3 support in tests and multiple bugs in the user management app navigation styles.
- Corrected settings focus issues and addressed a CardDAV upgrade sync limitation.
- Resolved several accessibility and user status display bugs.
- Improved the handling of file uploads, share permissions, and public file uploads.
- Fixed issues with OpenAPI capabilities, file reminders on public shares, and autoloader side effects.
- Addressed bugs related to session management, LDAP group storage, and federation requests.
- Bumped various dependencies including @babel/preset-typescript, ts-loader, tar, @mdi/svg, dockerode, dompurify, @babel/traverse, eslint-plugin-cypress typescript, and others.
- Updated sabre/vobject and sabre/event to latest minor
-Enable bumps and pins for github actions, update highlight.js, update prosemirror-test-builder to ^1.1.1, update vue-demi to ^0.14.4, update vite to ^4.3.8 to ^3.1.0, update cypress to ^12.13.0, update lib0 to ^0.2.77, update vite-plugin-commonjs to ^0.8.0, update tiptap to ^2.0.4, update highlight.js to ^11.9.0, update mermaid to ^10.6.0, update vite to ^4.4.9, update jest to ^29.6.2, update uuid to ^9.0.1, update markdown-it to ^13.0.2, update @babel/traverse from 7.23.0 to 7.23.2, update eslint-plugin-cypress to ^2.15.1, update

## 9. UI Updates:

- Implemented changes in navigation styles, OpenAPI specifications, and DAV properties API.
- Enhanced the design of the update channel selector and adjusted input fields for group renaming.
- Improved error handling for Imaginary processinEnable bumps and pins for github actions, update highlight.js, update prosemirror-test-builder to ^1.1.1, update vue-demi to ^0.14.4, update vite to ^4.3.8 update cypress to ^12.13.0, update lib0 to ^0.2.77, update vite-plugin-commonjs to ^0.8.0, update tiptap to ^2.0.4, update highlight.js to ^11.9.0, update mermaid to ^10.6.0, update vite to ^4.4.9, update jest to ^29.6.2, update uuid to ^9.0.1, update markdown-it to ^13.0.2, update @babel/traverse from 7.23.0 to 7.23.2, update eslint-plugin-cypress to ^2.15.1,and added a new UI for global search.
- Fixed various typos, input field styles, and alignment issues in the file list.
- Appended to body all selects inside
- Fixed several personal settings issues
- Updated `config.sample.php` with correct theme name and added missing ones
- Allowed share expiry dates lower than enforced limits.
- Added OpenAPI attribute to allow multiple scopes
- Added a command to run setup checks from CLIof the user table
- Reduced left margin of files list header
- Fixed profile visibility settings being too wide
- Reduced width of sharing entry.

- Corrected placement of actions within unified search.
- Removed unnecessary roles in HTML validation for personal settings
- Improved focus state styles for input fields and textareas.
- Added `aria-pressed` attribute to active background in theming【server#40950†source】.
- Increased contrast for contacts menu actions【server#41207†source】.
- Provided accessible info
- Ensured correct item height in files
- Addressed HTML validation issues in the dashboard
- Fixed user status layout for HTML validation
- Resolved issues with ghost versions of non-existing files
- Fixed LDAP display names
- Fixed invalid session token log level.

## 10. Testing Improvements:

- Migrated tests to Cypress from Behat
- Fixed flaky password-confirmation hack in Cypress
- Synced `3rdparty` directory for local Cypress tests
- Adjusted admin theming tests.
- Cleanup old puppeteer based frontend test
- Refactor reconnect test to be more reliable and add second test for actual reconnect
- Cypress tests for smart picker, code block, mermaid and version view/compare
- Only run in parallel for pull requests
- Test CI: use a single runner for cypress tests