About this Document

This document summarizes the following for the CommonSpot 9.0.5 release:

- Enhancements
- Notable Bug Fixes
- Important Notes

For detailed instructions for installing CommonSpot, see the current release of the *CommonSpot Installation Guide*.

For detailed instructions for upgrading from a previous version of CommonSpot, see the current release of the *CommonSpot Upgrade Guide*.

⚠️ **NOTE:** Before installing or upgrading to this release, review *CommonSpot 9.0.0 through 9.0.4 Release Notes* and **Important Notes** below.
Enhancements

Release 9.0.5 of CommonSpot includes the following enhancements.

- An API optimization/enhancement to allow cache rebuilds (and reindexing) to be suppressed when calling page.saveInfo and page.rename. This also removes the 2K limit for the ‘description’ field in page standard metadata.

Notable Bug Fixes

Background Tasks
- Background tasks for an https site were using the wrong protocol.

Custom Element
- Filter criteria that includes data from a multi-checkbox field could generate a query error and crash.

Custom Metadata
- When a Registered URL was first created, it would show the proper MetaData Form. After creation, going to Standard Properties and clicking Next... would not render any Custom Metadata Form.

Dashboard
- Updating Standard or Custom Metadata on a page now completes with a page refresh as expected.
- Filtering subsites by any of the Date options would generate a query error.

Filter Criteria
- In some filter criteria there could be a query error due to missing single quotes around data assumed to be numeric. Data was from a string type column so the quotes were required.

Freshness Reminders
- When a Freshness reminder is assigned to someone else, the reminder was not marked private as it had been.

Images and Image Gallery
- Adding a new image via an Image Field in a Custom Element when the Image Field specified a particular Gallery would cause a crash under certain conditions.
• Shortcut to upload a new image now has the option to choose a Gallery.
• New Image Gallery filtering functionality for Shortcuts
• CommonSpot was setting the wrong document type for an image when multiple images were uploaded at the same time. Setting the image as a document caused the process to check if there was a MaxPages value set in the keys. If there was a MaxPages setting and the number had been reached, CommonSpot was preventing the image upload.

Link Validation
• Validation of https: links only checked for syntax validity.

Login
• An error may be logged (nothing on the screen) on the first request after login, if there is more than one site using the same users datasource.

Page Copy
• When trying to copy a page to a different subsite, and a page with that filename and title already exists, the dialog correctly warned that the page already exists, however, it displayed the name of the existing page instead of the name of the page that we are trying to copy.
• Page information in a warning dialog was incorrect.

Page Metadata
• Saving Page Metadata corrupted the Confidentiality setting.

Performance
• Performance may be substantially degraded on a shared-database ROPS if multiple cache clear events occur in quick succession.

Replication
• Replication failed after deleting one or more users (contributors who own content) from an instance with two or more sites.
• Updates failed to replicate or replicate completely when a running process had not completed at the start of a replication event. Missing updates were not included in subsequent incremental replications.

Note: This release prevents future occurrences of this problem, but cannot detect updates that already failed to replicate. Also note that if a process (such as a user creation script) is running when a replication event starts, the changes made by that process will not be included in the replication packet - these changes will replicate as part of the next replication event (after the update process completes).
• Some custom files that were deleted on the Authoring Server might not be deleted on the Read Only Servers.
• The Replication background job may fail to run after upgrading from CommonSpot 8.x.
• Usage data may not be correctly handled for Replication records with more than one target server

Security
• Logging in to a CommonSpot site logged you in to every site on that server for ease in navigating multiple sites. Logging out was only clearing the session for the site you were in. Now it clears all sessions.
• Error may be logged on first request after login, if login applies to more than one site.
• If a page was locked for authoring and the lock expired because the user did not complete the task, the expired page lock prevented some API methods such as Page Deletion.
• After a page is locked by another user, one may see a “CommonSpot Security Exception” when attempting to edit the same page.
• Helper function may be used to cause unauthorized redirection. This is now prevented.

Shared Database
• Auxiliary files created for new HTML/MS-Word element instances may cause problems in a shared-database cluster if one or more read-only servers is offline or otherwise unavailable.

Startup
• Unexpected records in the Subsites table may block site startup.
• Server may become unstable if multiple requests are received shortly after a restart

Subsite Selection
• Choosing subsites dialog such as in Container Scheduling where you may pick one or more was confusing and could also remove too many subsites when one was deselected.

Version History
• One might see an error when attempting to revert content using Page Versions left pane.
Important Notes

The following describes issues that may affect the operation of your CommonSpot site. Please review these notes before installing or upgrading to this release.

Platform Support

- Java 1.8.0 with update 102 is minimum required.
- For ColdFusion 10 installations, update 21 (or later) is required
- For ColdFusion 11 installations, update 10 (or later) is required
- For specific details on platform support please visit [http://www.paperthin.com/support/tech-specs.cfm](http://www.paperthin.com/support/tech-specs.cfm).

Brightcove updates

In this release, CommonSpot will migrate the API calls from the Legacy Media API to the new CMS API published by Brightcove. Brightcove has announced this change but it has not been completed yet. Please see this article for more detail: Brightcove Multimedia Service Updates

License Keys

This release may require updating license keys. You may need only to download the license keys again followed by a restart of ColdFusion. You may need to update the validation code in your keys. Email the text of the validation code (no images, please) to support@paperthin.com and follow up with a phone call to 617-471-4440 opt. 3.

Run Upgrade

All releases require running /commonspot/upgrade/ to reset factory data, database indexes, and database functions, and then restarting Railo/ColdFusion.

PaperThin also recommends the following:

- Run the stub files update utility. See Site Administration - Utilities - Rebuild Stub Files.
- This update may result in outdated cache files. For best results, schedule a Rebuild Cache job to run periodically to make sure that even the oldest cache files are reasonably current. See Server Administration - Utilities - Server Scheduled Jobs.
- **NOTE:** Instruct all users to clear browser cache. This step is required for using the Rich Text Editor in CommonSpot.

Element Usage Data

Reports for Element Usage (Site Administration > Elements & Forms > Elements > [element] > Edit Element Properties > Usage) may be incomplete after upgrade. Each upgrade purges the CommonSpot ElementInstance table, which is used to populate the Element Usage dialog.

Elements are listed in the table once they are rendered within a page or after the site cache is
rebuilt (Site Administration > Utilities > Site Tools > Build Cache Files). Run pages or rebuild site cache to update Element Usage data.

Read All Interim Release Notes and Relevant KB Articles

Read all interim release notes. This is particularly important if you are upgrading from a release earlier than 6.0. Interim release notes document important changes to system and configuration requirements, browser and server cache handling, scheduled jobs, text handling, and performance considerations. If you are upgrading from an early version, make sure to read the 6.0, 6.1, 6.2.1 and Winter 2012 (v.7) and Summer 2012 (v.8) 9.x Release Notes, available from: http://www.paperthin.com/support/knowledgebase/doclibrary/index.cfm
Also read all Support Knowledgebase articles relevant to your upgrade path.

Review Updates to Deprecated Values

For all releases, review updates to deprecated values on the PaperThin Support site. See: http://www.paperthin.com/support/knowledgebase/deprecated-variables.cfm (requires login)