Centric 8 Version 6.0

Service Pack 3 (SP3)

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1. Summary

Centric 8 version 6.0 Service Pack 3 (SP3) includes all previously released updates for Centric 8 version 6.0. It has new features, general performance improvements and fixes for several issues reported in the field by our customers.

Version Number	
Centric 8	6.0 SP3 – C8_60_23OCT2017_d11d7e2

2. New Features / Enhancements

Feature	Description
CENTRIC 8 BASE	▪ Prune
	▪ PDF/Print
	▪ Sample Create Forms: Sample per Active Colorway
	▪ Quote create forms support matrix input
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MERCHANDISE PLANNING	▪ Secondary views available at each level of Merchandise Plan
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PRODUCT SPECIFICATION	▪ Product Structure change allowed in more cases on Style
PERFORMANCE	▪ Supplier Request Reset Sample BOM
ADVANCED CONFIGURATION	▪ Site.js API hideRevisionAction()

CENTRIC 8 BASE

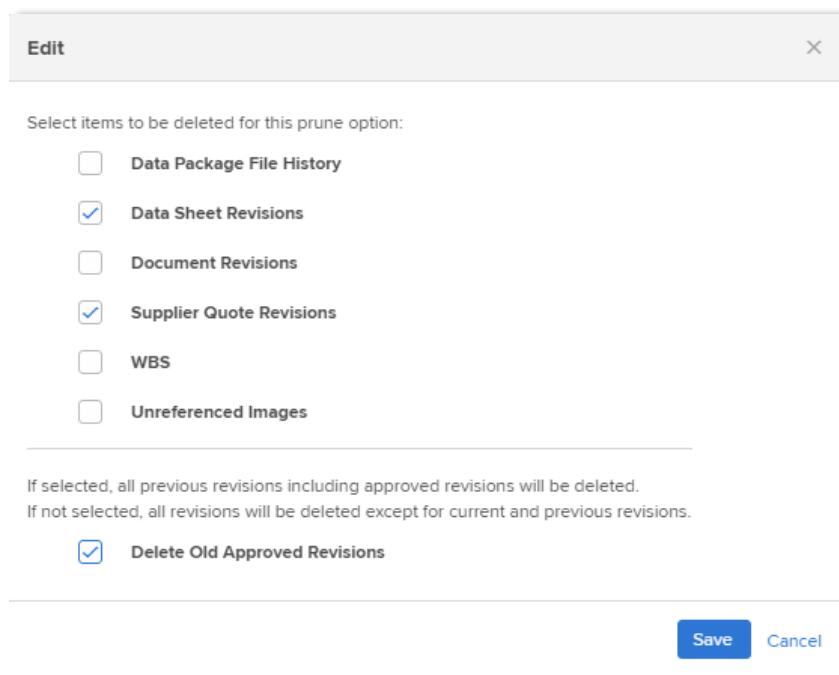▪ Prune
(◄◄ Features Summary)

Feature Description

The Prune feature is enhanced to delete the old set of documents and files associated with the following:

- Data Package File History
- Supplier Quote Revisions

Also, if the attribute "Delete Old Approved Revisions" is selected for "Data Sheet Revisions" and "Supplier Quote Revisions", then it deletes the old approved revisions of the related data sheet and supplier quote files respectively.

In the **Prune Options** table, the **Edit** dialog box is enhanced with grouping of the prune attributes as shown in the following figure. The **Edit** dialog box can be opened through the **Edit** icon present in the **Actions** column of **Prune Options** table.

Figure 1: Edit dialog box

Configuration

Users can configure the Prune options and Prune job information through the **Setup ▸ Service ▸ Prune** tab.

- PDF/Print
(◂◂ Features Summary)

Business Case
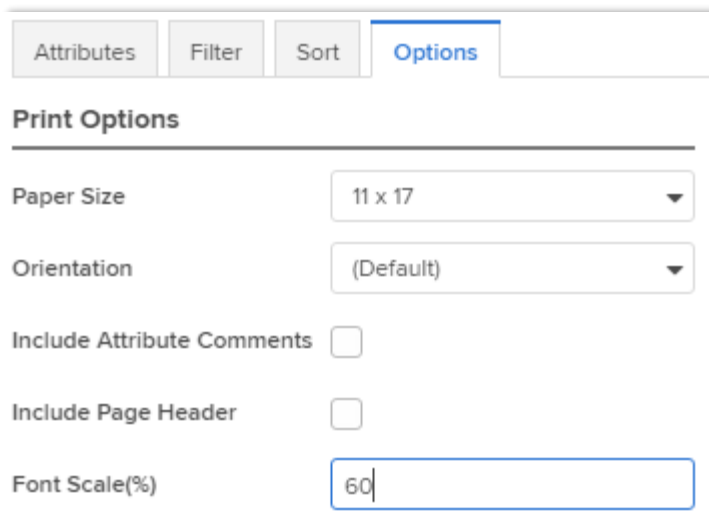
PDF and print output is an important part of most customer operations. Improvements in simplicity and control of the PDF and print output processes, benefit many customers.

Feature Description

Gallery View Font Scale

A new custom view option for gallery view provides control of font scale. It allows users to scale-down the font from 100% (default) to 60%. The scale is applied to the attribute text in the gallery cards. Users will be able to fit more gallery cards per page by scaling down the text size.

Figure 2: Font Scale (%) option

Quick Print

When the custom views are designed and tested to produce the required page layout, the print preview window is a redundant step to send a C8 view to the printer. The toolbar action to open the print preview tab now provides a **Quick Print** option. With the on-click action, this option displays the browser print dialog box, and it is ready to print the displayed content. The Print preview option is available on a drop-down list next to the print icon. Print Preview opens a new tab where the user can confirm the paper size, orientation, scale, and page count needed to print the data.

Refinement of horizontal pagination for more natural matrix and last page layout

The horizontal paging algorithm has been enhanced to provide more natural-looking print results. When a horizontal page break is introduced in a matrix, the system maintains consistent column width across the pages. The layout of the last horizontal page has been modified to use minimal column widths instead of stretching the column width to fill the page.

   ▪   Sample Create Forms: Sample per Active Colorway
(◀◀ Features Summary)
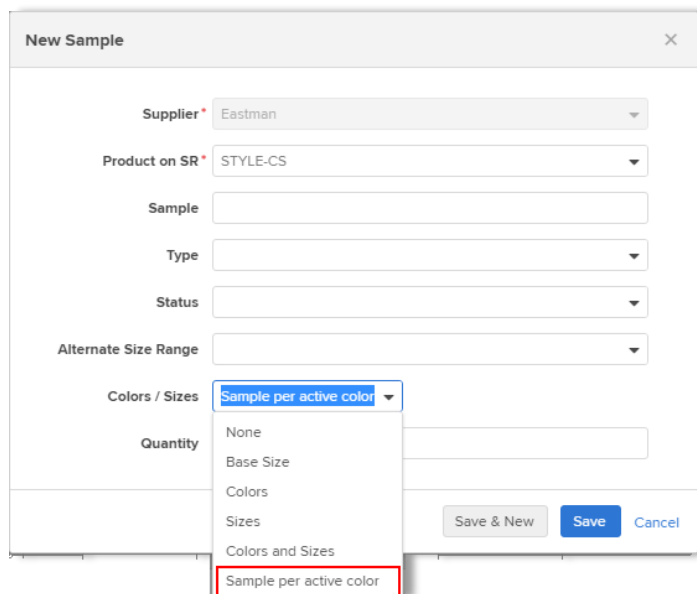
Business Case:

The Supplier Request often needs multiple Quotes and Samples created for each Supplier and Product on the Supplier Request. The existing option to create a Quote per active color works well, but the same option was not available for Samples. This feature addresses the need to easily create a Sample for each active color of the products on a Supplier Request.

Feature Description

The form to create Samples on a Supplier Request has a new option "Sample per Active Color" for the Colors/Sizes field. This option will create multiple samples: for each supplier and each product, create a sample for each active color. The Sample name includes the color name and the Sample references the color.

Figure 3 : Sample per active color

The Sample create forms for Style and Material have also been enhanced to add the "Sample per active color" option.
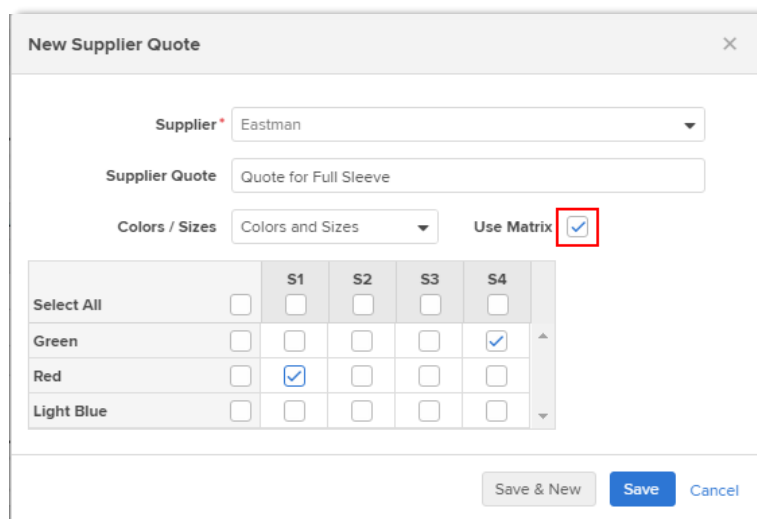
- Quote create forms support matrix input
(◀◀ Features Summary)

Business Case:

The 6.0 release revised the Quote create form to a multi-select list, to better support quote creation due to the large number of sizes that can exist in a two-dimensional size range. However, this simple input method did not provide the necessary flexibility required for creating quotes of mixed colors and sizes; It was difficult to visualize and required multiple steps to create quotes when not all sizes x color combinations are being ordered.

Feature Description:

A new option Use Matrix is available on the Quote create form. Use the check box to toggle off or on for detailed matrix input.

- SKU create forms support matrix input
(◀◀ Features Summary)

Business Case:

The 6.0 release revised the SKU create form to a multi-select list, to better support SKU creation due to the large number of sizes that can exist in a two-dimensional size range. However, this simple input method did not provide the necessary flexibility required for creating SKUs of mixed

colors and sizes; It was difficult to visualize and required multiple steps to create SKUs when not all sizes x color combinations are being ordered.

Feature Description:

A new option **Use Matrix** is available on the SKU create form. Use the check box to toggle off or on for detailed matrix input. If a SKU combination (color x size) already exists, it is displayed in the matrix.

- LDAP and SSO
(◀◀ Features Summary)

Feature Description

The LDAP and SSO features have been integrated to synchronize and support Hybrid SSO and LDAP users.

- User Profiles can be synchronized with an LDAP group, even if the users login through SAML2 compliant Identity Provider.

- If the username exists in configured LDAP group, converting both local C8 and foreign SSO users to LDAP users is supported.

- SSO implementation is enhanced to support the NameID field to display Identity Providers assertion message, instead of a creating a Customer User Profile attribute

MERCHANDISE PLANNING

- **Secondary views available at each level of Merchandise Plan**
(◄◄ Features Summary)

Feature Description

The Secondary Views are enhanced and available at each level of Merchandise Plan (that is, Folders, Collections, Products, and Options levels).

Figure 4: Secondary Views

- **Indented Secondary Row View**
(◄◄ Features Summary)

Feature Description

Users can now define a custom view displaying the Secondary attributes in **Row** order or **Column** order.

To display Secondary attributes in the **Row** order,

1. Click on **Views** in the toolbar.

2. In the **Custom Views** dialog box, select the **Options** tab, and then navigate to the **Secondary Display Options** group.

3. In the **Secondary Display Type** drop-down list, select **Row**.

Figure 5: Options tab
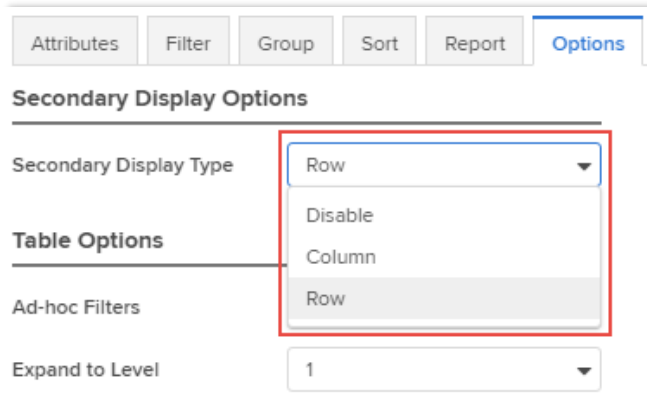
- **Custom View Option to Filter View by Secondaries**
(◄◄ Features Summary)

Feature Description

Users can now use the **Filter** tab in the **Custom Views** dialog box to manage the list of Secondaries data that can be displayed. The available data subset can be further filtered using the Secondary Types / Secondaries filters that are available in the toolbar.

Figure 6: Filter tab
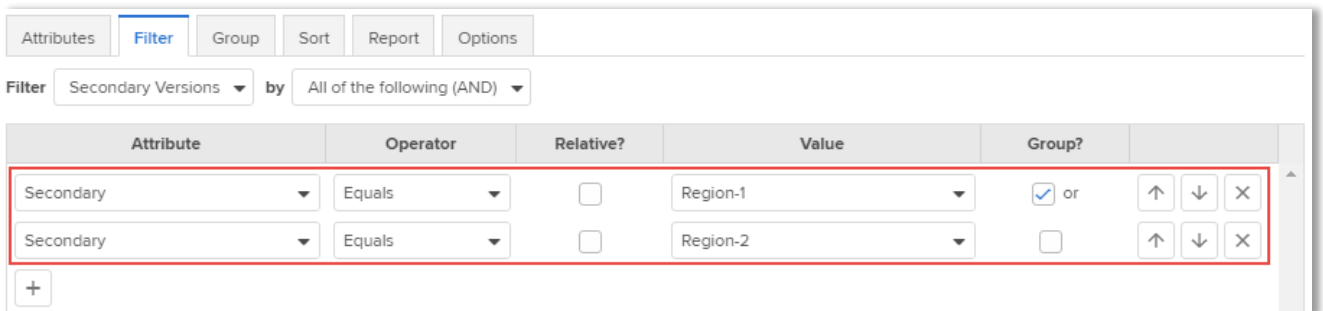
- **Switchboard for Secondary Types / Secondaries is now persistent**
(◄◄ Features Summary)

Feature Description

Users can now set values for the Secondary Types / Secondaries filters in the toolbar, and the values will not be reset if users refresh the page or navigate to another tab.

Figure 7: Secondary Types and Secondaries drop-down lists

PRODUCT SPECIFICATION

- ▪ Product Structure change allowed in more cases on Style

(◀◀ Features Summary)

Business Case

When using Product Structures with fixed materials, users may need to select a different Product Structure after the work has started on the BOM. To make this change after multiple revisions on the existing BOM was difficult.

Feature Description

The rules for selecting a Product Structure for a Style have been relaxed to allow a change even if the current Product Structure is used on a frozen revision of a BOM. The current revision of the BOM is updated to use the new Product Structure and the old BOM revisions are not changed. However, if the current revision is frozen or approved, then the selection of a different Product Structure for the Style is prevented.

When a BOM revision that uses a different Product Structure than the Style is reopened, the system replaces the older Product Structure BOM lines with the existing Product Structure BOM lines.

PERFORMANCE

▪ Supplier Request Reset Sample BOM
(◀◀ Features Summary)

Business Case

A Supplier Request is used to create a list of materials in quantities required to produce samples. The list of materials is driven by Sample BOMs, which are created and updated by the system on user request. As the original BOMs change, the Sample BOMs must be updated to get an accurate list of materials. The correct identification of Sample BOMs that must be updated is challenging when a Supplier Request contains hundreds of samples. The easiest way to ensure all Sample BOMs are up to date is to "Reset All" on the Samples table in the Supplier Request.

Feature Description

The performance of "Reset All" has been improved by having the system automatically determine which Sample BOMs need to be reset instead of resetting all of them. The system does this by evaluating the modified times of all main BOMs, Samples, and Sample BOMs compared to the last time "Reset All" was run. The performance improvement will vary depending on what the system finds. If nothing has changed then "Reset All" will return very quickly. If all the main BOMs changed, then all Sample BOMs will need to be reset and the time will be comparable to C8 6.0 time.

Figure 8: Reset Sample BOMs command

ADVANCED CONFIGURATION

- Site.js API hideRevisionAction()

(◄◄ Features Summary)

Business Case

Through the configuration of role assignments, access to some actions on revisable actions can be enabled or disabled. For example, the role "Revision Approver" provides access to Approve and related actions on revisable items. When the finer-grain control of these actions is required, then the advanced customization tools are required.

Feature Description

The API hideRevisionAction() can be used to hide any revision action such as Approve, Freeze, Reopen, etc. for a specific revisable item type.

3. Bug Fix List

This release includes the following bug fixes:

#	SF/DE Number	Title	Description
1	C8-2064	Issue related to display of Canvas image in lightbox for an Artwork	In an Artwork, when users click on one of the Canvas images in the table view, the image did not open in the lightbox. This issue is now resolved.
2	C8-1921 / SF22757	Issue related to the display of Secondaries attributes in the **Merch Collections** tab.	In the **Merch Collections** tab, the selected attributes of Secondaries were not displayed in the Secondaries matrix view. This issue is now resolved.
3	C8-2025	Issue related to display of error message in Style Size Chart Size matrix	When users removed Sizes in Shape Size Chart and updated the Styles, an error was displayed to the user in the Style Size Chart Size matrix. This issue is now resolved.
4	C8-2068	Issue related to Print and PDF actions in a Style Review	In a Style Review, on the TDS tab, on click of the **Print** or **PDF** icon from the TDS toolbar, an error message was displayed to the users. This issue is now resolved.
5	C8-1520 / SF22011, SF22703	The System stopped responding when data inserted at the last row of a table. This issue was specific to the Merch Module.	The System stopped responding on **Enter** after entering the data in the last row of a table (specific to Merch Module). This issue is now resolved.
6	C8-1270 / SF22229	Issues in editing Sample information in a Supplier Request	User were not able to edit the sample information for a Supplier Request. This issue is now fixed.
7	C8-1781 / SF22609	Incorrect display of Enumeration value in Supplier Quote	On **Style ▶ Sourcing ▶ Supplier Quotes** tab, when users create a Supplier Quote with quote type and save, the quote name saved and displayed was incorrect. This error is now resolved.
8	C8-1877 / SF22748	When dynamic filter is applied, incorrect filter count is displayed.	On selecting Multiple column filter, the filter results displayed an incorrect count value. This issue is now resolved.
9	C8-2078	Style Review not included in Data package	In a Data Package PDF, Style Review (canvas) was not included earlier. This is now included in the PDF generated.
10	C8-2195 / SF22884	Issue with Care label translation order	The Composition, on the care labels, displayed a different order, when translated. This issue is now resolved.
11	C8-2350	Unable to select column using Tab button on the Keyboard.	Users were unable to use Tab button on keyboard, after selecting multiple values in a column. This issue is now resolved.

#	SF/DE Number	Title	Description
12	C8-2869 / SF23475	Issue related to **Select Set Email** generation.	When users tried to send an email from Select Set an error, "Failed to parse the XML file" was displayed. This issue is fixed.
13	C8-3467 / SF23831	Unable to replace Material color on Style BOM	In a **Style BOM**, when users tried to replace a Material color from one color to another, the updated color did not save. This is now resolved.
14	C8-3499 / SF24145, SF23801	Issue in exporting data to Excel	When users tried to export data from **Season ▸ Specification ▸ Placements** tab, 'Request timed out' error message is displayed. This error is now resolved
15	C8-3525 / SF23959	Issue with Images in TDS	When users generate a PDF the TDS and Images were split to two pages. This issue is resolved.
16	C8-3737 / SF24129	Issue in Copy and Paste contents with rich text format.	If users tried to copy and paste a Rich text format, the text was displayed with a background color. This issue is now resolved.
17	C8-3968 / SF24324	Issue with Toolbar in canvas	In the Canvas, to enable the toolbar users need to activate the Toolbar button. This is now fixed and the toolbar on Canvas is visible.
18	C8-2970 / SF23581	Issue related to creation of new attribute with expression	When users created a new attribute with an expression, the expression was not calculated. This issue occurred when the attribute was defined on Master of/Rev class. This issue is now resolved.
19	C8-3846 / SF23689	Unable to mass update Material in Style BOM	Users were unable to update Material Size in multiple Style BOM placements, using the **Where** used tab in a Material. This issue is fixed.
20	C8-3970 / SF24337	Issue with vertical scroll bar in Placements table	In a **Style BOM ▸ Placement** tab, when users tried to update the Common Color attribute, the page scrolled up. This issue is now resolved.
21	C8-2161	Issue related to display of results in **Libraries** drop-down list on **Material ▸ Properties** tab**.**	When users created different types of Libraries (Material, color spec, care label etc) on the **Home ▸ Specification ▸ Libraries** tab, those libraries were not displayed in the **Libraries** drop-down list on the **Material ▸ Properties** tab**.** This issue occurred since the query used Attribute Id="Node Type". This issue is now resolved.
22	C8-2204	Issue related to display of the placement table on a Style BOM	When users selected any color from the Colorway matrix on a Style BOM, the placement table flickered and resized after every selection. This issue is now resolved.
23	C8-2132	Issue related to **Full Size** Table Height Option in the Custom Views dialog box.	On the **Setup ▸ Configuration ▸ Business Objects** tab, in the custom Views dialog box, from the **Options** tab, the **Full Size** Table Height option did not work as expected. This issue is now resolved.

#	SF/DE Number	Title	Description
24	C8-2143 / SF22849	Issue related to cropping and saving of a Canvas Image	On a Canvas, when users copied a cropped image and cropped it again, while saving the image, an error message was displayed to the users. This issue is now resolved.
25	C8-2231	Composite custom view with horizontal paginated table stretches contents of last page to page width	When users selected the letter page (8.5x11) **Paper Size** Print Option from the custom View dialog box and generated a PDF, the contents of the last page were stretched to page width. This issue is now resolved.
26	C8-2257 / SF22968	Issue related to display of newly created BOM lines on a BOM placement	In a BOM placement, when users created a new BOM line and selected a Colored Material for the newly created BOM line, the newly created BOM line was not displayed in BOM placement. This issue occurred when a Placement BOM Custom view with a group attribute was used. This issue is now resolved.
27	C8-2293 / SF22881, SF23007, SF23150, 23520	Filter by Blanks option did not filter the results as expected for an attribute with enumeration value	When an attribute with enumeration values was filtered using the Blanks option, the results were not displayed as expected. This issue is now resolved.
28	C8-2397	Users were not able to set the Initial Value as zero for a double type attribute with percentage formation	On any Business Objects, when users created a new attribute with type set as double and in percentage format, the initial value field was blank and users were not able to set the initial value as zero. This issue is now resolved.
29	C8-2430 / SF23046	Issue related to display of listing of dates in Date filtering	When users selected the Date filtering option, the listing (number) of dates were not displayed to the users. This issue is now resolve.
30	C8-2456 / SF23127	Issue related to editing of Remarks in a Calendar	When users tried to edit the Remarks on a Calendar, an error message was displayed. This issue is now resolved.
31	C8-2512 / SF23199	Issue related to display of image in the Properties view Image attribute	On a Properties view, when users added the Image attribute and uploaded an image, in the Print Preview page the image was not displayed as expected. This issue is now resolved.
32	C8-2551	Issue related to display of error message while copying a Material	When users copied a Material, an error message was displayed to the users. This issue is now resolved.
33	C8-2561 / SF23250	Issue related to Localized rich text	When users entered a value in a Localized Rich Text format attribute, the localized value was not saved as expected. This issue is now resolved.
34	C8-2650	Theme created in a Security Group from a Material or Style did not get its NodeCrew set correctly	A **Theme** created in a **Theme Security Group** using the **New Theme from Material...** or **New Theme from Style...** action did not get the

#	SF/DE Number	Title	Description
			NodeCrew attribute as expected on the Theme. This issue is now resolved.
35	C8-2692 / SF23543, SF23396, SF23649	Issue related to selection of an item, when users clicked anywhere on a row while adding new values to a BOM	When users added new values in the BOM placements, in the dialog box when users clicked anywhere on a row, the corresponding item got selected. This resulted in addition of information which the users don't want on the page. This issue is now resolved.
36	C8-2705 / SF22891	Mass Replace Size action did not work as expected	In a Style BOM with Material and Size, when user selected the Material and tried to replace the size for the Material from the **Where Used ▶ Style BOM** tab using the **Replace** action, no sizes were displayed on the **From** drop-down field in the **Replace** dialog box. This issue is now resolved.
37	C8-2768 / SF23448	Centric 8 stops responding while scrolling a table which contains an attribute with the rich text format.	Centric 8 stops responding while scrolling a table from **Merchandise Collection ▶ Plan** tab which contains an attribute with the rich text format. This issue is fixed.
38	C8-2787 / SF23460, SF24361	Issue related to deletion of quote	When users tried to delete a quote, an error message was displayed to the users. This issue is now resolved.
39	C8-2895 / SF23474	Colorway created using the **New from Color Specification** action did not highlight automatically	When users created, a Colorway using the **New from Color Specification** action, the newly created Colorway was not highlighted automatically. This issue is now resolved.
40	C8-3219 / SF23724	Evaluating the current revision of a Size Chart with Base Size resulted in an error	On a Size Chart, in the Evaluate the current revision dialog box, when users selected **Base Size** in the **Color/Sizes** drop-down list and evaluated the Size Chart, an error message was displayed to the users. This issue is now resolved.
41	C8-3380 / SF23232	Page loading error occurred on the **Setup ▶ User Management ▶ Shared Teams** tab and in the Season hierarchy Teams tab.	When users tried to create a Shared team on the **Setup ▶ User Management ▶ Shared Teams** tab, the Shared Team page did not load properly and an error message was displayed. Also, a similar error message was displayed, when users navigated to the Season hierarchy Teams tab. These issues are now resolved.
42	C8-3489	The **Size Range** tab displays an inconsistent selection of size values when users click on the **Sizes** drop-down list.	In the properties section of **Size Range** tab, when users click on any size value of the **Sizes** drop-down list, it displays all the selected values. If users click on an empty space of the **Sizes** drop-down list, then it displays with the **None** check box is selected. This issue is fixed.
43	C8-3491	Inconsistent size values are displayed in the **Sizes** drop-down list, when users select	The **Sizes** drop-down list from the **Style ▶ Properties** tab displays an inconsistent

#	SF/DE Number	Title	Description
		multiple sizes, and then clear one of the size values.	size values when users select multiple values, and then clear one of the values from the list. This issue is fixed.
44	C8-3574 / SF24049, SF23942	Issue related to Canvas comment lines spacing	Canvas comment lines were not spaced as expected. This issue is now resolved.
45	C8-3648	Import configuration process is failed to load the reflection classes.	While performing the Import Configuration process, it displays an error message that the domain model is built and failed to load the reflection classes. This issue is fixed.
46	C8-3668	**Approve by Workflow** command is not displayed, while approving the approvable class subtypes.	If an approvable class has subtypes and users assign an approval workflow to approve that subtypes. While approving the related subtypes, the **Approve by Workflow** command is not displayed in the **Actions** drop-down list. This issue is fixed.
47	C8-3949	Node validation does not occur when users create a Style/Material SKUs.	While creating a Style/Material SKUs, the related Node validation was not occurred. This issue is fixed.
48	C8-4006 / SF24361, SF24625	Reopening a **Supplier Quote** is failing and it is displayed with an error message.	While reopening a **Supplier Quote** from the **Cost Scenario** tab, the **Reopen** function fails and it displays an error message. This issue is fixed.
49	C8-4071 / SF24323	**Export view to PDF** command does not print the Style images completely.	While exporting the Style properties view into a PDF file format, the Style images are not printed completely with the paper size 8.5 x 14. It exists even if the paper size is 11 x 17. This issue is fixed.
50	C8-4095 / SF24223	In the **Merchandise ▶ Plan** tab, unable to delete a Merchandise Product.	When user deletes a Merchandise Product from the **Merchandise ▶ Plan** tab, the selected product is not deleted and does not display any error message. This issue is fixed.
51	C8-4200 / SF24527	Configured **Filter** tab of **Custom Views** with the **Season** attribute provides no filtered results.	In the **Home ▶ Styles** table, the **Season** attribute filter using the **Filter** tab in **Custom Views** did not display the filtered results. This issue is fixed.
52	C8-4217 / SF24488	No space present between whole number and fraction values in the exported Size Chart Excel file.	When users export the Size Chart values for Point of Measure in the **Style ▶ Size Chart ▶ TDS** tab, no space present between whole number and fraction values of the exported Excel file. This issue is fixed.
53	C8-3310	Duplicate orphan colorway node is created while creating a new Style.	While creating a new Style through the **New from Style** option or by copying an existing Style from the **Styles** table, the colorways present in the existing Style are copied and a duplicate orphan colorways node are created. This issue is now resolved.

4. Upgrade Instructions

> Service Pack upgrade involves updating of database schema procedures. This requires considerable amount of time depending on the database size. It is therefore recommended that users be prepared for the down time.
>
> Please work with Centric Services team and update the Site.xml and Site.js files based on Service Pack release code as necessary.
>
> Make sure variable name used in the Site.js file does not contain any special characters. Otherwise Update Configuration will fail.
> It is recommended to validate Site.js content using tools like JSLint before running Update Configuration.

1. Stop the services on all PDF and Image Servers.

2. Stop Centric Wildfly Service, close the **Services** Window. Delete the C8 log files.

3. Backup the following before you start the installation process:

   - Database

   - WebAccess folder. It is critical to back up the WebAccess folder. The configuration files (**Site.js**, **Site.xml**, **Site.css**, **en.js**, and **UploadOMAndTemplates.xml**) from this backup will be needed later in the upgrade installation process.

   - **Standalone.conf.bat** (found in **…\C8\Wildfly-9.0.1\bin** folder)

   - If Centric 8 is using SQL database, backup **standalone-pi.mssql.xml** (found in **…\C8\Wildfly-9.0.1\standalone\configuration** folder). If Centric 8 is using Oracle database, backup **standalone-pi-oracle.xml** (found in **…\C8\Wildfly-9.0.1\standalone\configuration** folder)

   - **Pi-configuration.properties** file (found in **…\C8\Wildfly-9.0.1\standalone\configuration** folder)

4. Copy the service pack code to the application and database servers. Unzip it to prepare for the installation.

5. For Dual Server Configuration, go to **Step 6**. ELSE, for Single Server Configuration, go to **Step 7**.

6. For Dual Server Configuration, follow the steps given below:

   - ON THE DATABASE SERVER – Update Database using Installer:

   > Please verify that all the file paths that appear during the installation process are as required and are correct.

A. Close all open applications and windows on the database server. Run the C8 Server Installer as Administrator.

B. The **Welcome** dialog box is displayed. To begin installation, read the contents of the *Welcome Page* and click on **Next.** The **End User License Agreement** dialog box is displayed.

C. To accept the license agreement, read the license agreement and click on **Yes**. The **User Information** dialog box is displayed.

D. Enter your user name and company name in the corresponding **Name** and **Company** fields and click on **Next**. The **Choose Destination Location** dialog box is displayed.

E. To accept the default destination folder, click on **Next**. ELSE, to select a different destination folder, click on **Browse**. Click on **Next**. The **Install Centric 8 or Database Only** dialog box is displayed.

F. Click on **Database Only**, and click on **Next**. The **Select Database Type** dialog box is displayed.

G. Select the required Database type and click on **Next**.

H. Enter the required Database details and click on **Next**.

I. In the **Server Information** dialog box, enter the server login and password details, and click on **Next**.

J. The **Enter Centric 8 Administrator Username and Password** dialog box is displayed.

K. Enter details in the **Username, Password and Confirm Password** fields, and click on Next. The **Enter Centric 8 Database Information** dialog box is displayed.

L. Enter details in the **Username, Password and Confirm Password** fields, and click on **Next**. The **Choose New or Existing Database** dialog box is displayed.

M. Select the **Use Existing Database** option and click on **Next**.

N. To accept the default destination folder, click on **Next**. Else, to select a different destination folder, click on **Browse**. The **Select Program Folder** dialog box is displayed.

O. To use the default program folder, click on **Next**. ELSE, select a different program folder from the list under Existing Folders, and click on **Next.** The **Check Setup Information** dialog box is displayed.

P. Verify the details under **Current Settings**. To make changes, click on the **Back** button. ELSE, to continue with the installation, click on **Next**. On completion of the installation, the **Setup Complete** dialog box is displayed.

Q. Click on **Finish**.

R. For detailed instructions on Oracle, refer the "Centric 8 Installation Guide".

▪ ON THE APPLICATION SERVER – Update Database without using Installer:
For SQL Database –

> **IMPORTANT** Before initiating the upgrade process, verify whether SQL client connectivity tools are installed on the application server.

A. Unzip **C860SP3_SQL_DBScripts** to local folder on the Application server.

B. Open command window, change the directory to local folder and execute the following command:

Batch_migration.bat *DBServerName SQLAdmin_UserName SQLAdmin_Password C8DBName*

If the Database is on named instance, then execute the following command:

Batch_migration.bat *DBServerName\InstanceName SQLAdmin_UserName SQLAdmin_Password C8DBName*

C. Once it is completed, check for any errors in **Batch_migration.log** file.

For Oracle Database –

> **IMPORTANT** Before initiating the upgrade process , verify whether Oracle client connectivity tools are installed on the application server.

A. Unzip **C860SP3_ORA_DBScripts** to local folder on the Application server.

B. Open command window, change the directory to local folder and execute the following command:

Update_DB.bat *connect_string*

Where,
connect_string is of format 'uid/pwd@dbname'
uid – Schema owner, CSIDBA.

> **pwd** – Password of the user.
> **dbname** – Name/SID of the database, required

C. Once it is completed, check for any errors in **Update_DB.log** file.

▪ ON THE APPLICATION SERVER

> Please verify that all the file paths that appear during the installation process are as required and are correct.

A. Close all open applications and windows on the application server. Run the C8 Server Installer as Administrator.

B. The **Welcome** dialog box is displayed. To begin installation, read the contents of the *Welcome Page* and click on **Next**. The **End User License Agreement** dialog box is displayed. Read the details of the license agreement and click on **Yes** to accept the License agreement. The **User Information** dialog box is displayed.

C. Enter your user name and company name in the corresponding fields, and click on **Next**. The **Choose Destination Location** dialog box is displayed.

D. To accept the default destination folder, click on Next. ELSE, to select a different destination folder, click on **Browse**. Click on **Next**. The **Install Centric 8 or Database Only** dialog box is displayed. Select **Centric 8** option and click on **Next**.

E. Click on the **Use Installed Wildfly** option and click on **Next**.

F. If you do not have the Java Development Kit (JDK) version 1.8.0_102 installed on your system, the **Choose Java Development Kit (JDK) Installation directory** dialog box will be displayed. Click on **Next**. The **Select Authentication Mode** dialog box is displayed.

G. Choose the required **Authentication** type and click on **Next**. If **LDAP Authentication** is selected, enter LDAP information and click on **Next**. Select the required **Database** type and click on **Next**.

H. Choose the **Remote Database** option and click on **Next**. Enter the **Remote Database Server** details and click on **Next**.

I. The **Enter Centric 8 Administrator Username and Password** dialog box is displayed. Enter details in the **Password** and **Confirm Password** fields, and click on **Next**.

> **Note:** Ensure that the Username and Password details are not identical.

J. The **Enter Centric 8 Database Information** dialog box is displayed. Enter details in the **Password** and **Confirm Password** fields, and click on **Next**.

K. The **Choose Filevault Location** dialog box is displayed. Click on **Next** to accept the default destination folder or click on **Browse** and select the right location, click **Next.**

L. The **Choose WebAccess Location** dialog box is displayed. Click on **Next** to accept the default destination folder or click on **Browse** and select the right location if the WebAccess directory has to be configured under a different directory in the same machine or shared directory in a different machine, and click **Next**.

M. The **Enter SMTP Mail Server name and Email Address** dialog box is displayed.

N. Enter your SMTP mail server name and email address in the corresponding fields, and click on **Next**. The **Select Program Folder** dialog box is displayed.

O. To use the default program folder, click on **Next**. The **Check Setup Information** dialog box is displayed.

P. Verify the details under **Current Settings**. To make changes, click on **Back**. Else, to begin installation, click on **Next**. On completion of the installation, the **Setup Complete** dialog box is displayed.

Q. Click on **Finish**.

R. Unzip **ApparelSiteConfigurations.zip** to **…\C8\WebAccess** folder. When prompted to overwrite, click on **OK** to overwrite the target files.

S. Copy back **Site.js**, **Site.xml**, **Site.css**, **en.js**, and **UploadOMAndTemplates.xml** to the WebAccess folder. When prompted to overwrite, click on **OK** to overwrite the target files.

T. If LDAP Authentication is used, ensure LDAP server information in **pi-configuration.properties** file (found in **…\C8\Wildfly-9.0.1\standalone\configuration** folder) by comparing against the backup and update the file if needed.

U. On the Application server run the C8 Application installer as Administrator, select the **Update Configuration** option and complete the installation process.

> Compare the standalone.conf.bat file for the memory space allocated on the configuration file with the backup file. If there is a difference in the memory space allocated, ensure the memory space allocated is same as the backup file.

V. Start Centric Wildfly Service; ensure that there are no errors in the **pi_centric.log** file.

W. Log into C8 application, click **Enable debug mode…** link in the bottom left corner, navigate to Setup – Debug – Upload tab, upload **UpdateTagsAndPruneAttributes.xml**.

X. If Merchandising module is installed, upload **CustomViewMigration_60SP3_61SP2.xml**.

Y. Once it is completed, run **Update Configuration**.

Z. Go to **Step 8**.

7. For Single Server Configuration, follow the steps given below:

- SINGLE SERVER CONFIGURATION

> Plese verify that all the file paths that appear during the installation process are as required and are correct.

For a Single Server configuration where the application server and database server are on the same computer follow these steps:

A. Close all open applications and windows on the application server. Run the C8 Server Installer as Administrator.

B. The **Welcome** dialog box is displayed. To begin installation, read the contents of the Welcome Page and click on **Next**. The **End User License Agreement** dialog box is displayed.

C. To accept the license agreement, read the license agreement and then click on **Yes**. The **User Information** dialog box is displayed.

D. Enter your user name and company name in the corresponding **Name** and **Company** fields, and click on **Next**. The **Choose Destination Location** dialog box is displayed.

E. To accept the default destination folder, click on **Next**. ELSE, to select a different destination folder, click on **Browse**. Click on **Next**. The **Install Centric 8 or Database Only** dialog box is displayed.

F. Select **Centric 8 (includes database)** and then click on Next.

G. The **Choose New or Existing Application Server** dialog box is displayed.

H. Click on **Use Installed Wildfly** option and click on **Next**.

I. If you do not have the Java Development Kit (JDK) version 1.8.0_102 installed on your system, the **Choose Java Development Kit (JDK) Installation directory** dialog box is displayed. Click on **Next**. The **Select Authentication Mode** dialog box is displayed.

J. Choose the required **Authentication** type and click on **Next**. If **LDAP Authentication** is selected, enter LDAP information and click on **Next**.

K. The **Select Database Type** dialog box is displayed.

L. Select the required **Database Server Type** and click on **Next**.

M. The **Choose Database Server Location** dialog box is displayed.

N. Enter the required **Database Server Information**. Click on **Next**.

O. The **Enter Centric 8 Administrator Username and Password** dialog box is displayed. Enter details in the **Username, Password and Confirm Password** fields; click on **Next**.

P. The **Enter Centric 8 Database Information** dialog box is displayed.

Q. Enter details in the Username, Password and Confirm Password fields. Enter the **Database Name** and click on **Next**.

R. Select **Use Existing Database** option and click on **Next**.

S. The **Choose Filevault Location** dialog box is displayed. Click on **Next** to accept the default destination folder or click on **Browse** and select the right location, click **Next.**

T. The **Choose WebAccess Location** dialog box is displayed. Click on **Next** to accept the default destination folder or click on **Browse** and select the right location if the WebAccess directory has to be configured under a different directory in the same machine or shared directory in a different machine, and click **Next**.

U. The **Enter SMTP Mail Server name and Email Address** dialog box is displayed.

V. Enter your SMTP mail server name and email address in the corresponding fields, and click on **Next**. The **Select Program Folder** dialog box is displayed.

W. To use the default program folder, click on **Next**. The **Check Setup Information** dialog box is displayed.

X. The **Check Setup Information** dialog box is displayed. Verify the details under **Current Settings**. To make changes, click on **Back**. ELSE, to proceed, click on **Next**.

Y. To complete installation, click on **Finish**.

Z. Unzip **ApparelSiteConfigurations.zip** to **...\C8\WebAccess** folder. When prompted to overwrite, click on **OK** to overwrite the target files.

AA. Copy back **Site.js**, **Site.xml**, **Site.css**, **en.js**, and **UploadOMAndTemplates.xml** to the **WebAccess** folder. When prompted to overwrite, click on **OK** to overwrite the target files.

BB. If LDAP Authentication is used, ensure LDAP server information in **pi-configuration.properties** file (found in **…\C8\Wildfly-9.0.1\standalone\configuration** folder) by comparing against the backup and update the file if needed

CC. On the Application server run the C8 Application installer as Administrator, select the **Update Configuration** option and complete the installation process.

> Compare the standalone.conf.bat file for the memory space allocated on the configuration file with the backup file. If there is a difference in the memory space allocated, ensure the memory space allocated is same as the backup file.

DD. Start Centric Wildfly Service; ensure that there are no errors in the **pi_centric.log** file.

EE. Log into C8 application, click **Enable debug mode...** link in the bottom left corner of the browser, navigate to Setup – Debug – Upload tab, upload **UpdateTagsAndPruneAttributes.xml**.

FF. If Merchandising module is installed, upload **CustomViewMigration_60SP3_61SP2.xml**.

GG. Once it is completed, run **Update Configuration**.

8. Please notify users to clear browser cache before using the Application.

9. To **update the Centric PDF Service**, refer to "PDF Service Installation Guide" for detailed instructions.

10. To **update the Centric Image Service**, refer to "Image Service Installation Guide" for detailed instructions.

> Please work with Centric Services team and update the Site.xml and Site.js files based on Service Pack release code as necessary.

> Make sure variable name used in the Site.js file does not contain any special characters. Otherwise Update Configuration will fail.
> It is recommended to validate Site.js content using tools like JSLint before running Update Configuration.

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