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TeamConnect® Enterprise 7.2.0 Patch Bundle 7
Release Notes

TeamConnect® Enterprise 7.2.0 Patch Bundle 7 (PTC7200007) resolves the following issues:

NOTE: This patch also includes fixes from TCE 7.0.0 Patch Bundle 18 and TCE 7.1.0 Patch Bundle 14.

Issue: Null Pointer Exception (NPE) is in the Logs When An Account Audit Rule Has Related Object in Location.
Tracking Code: SUPPORTPRI-74659
Case Number: 2025-0604-8622758
Reported Version: TCE 7.2 Patch Bundle 3

Workaround
None.

Pre-Requisites
1. A company that can be used as an involved party on a matter. It does not need to be connected to Collaborati.
2. An invoice route with at least one stop. You must be an approver.

Steps to Reproduce
1. Go to TeamConnect's Setup → Object Definitions → Accounts.
2. Click on the Rules tab and create a new audit rule.
3. In the General tab, enter the name of the rule and set the Triggering Event to Update.
4. In the Qualifier tab, select 'Use Qualifier defined below' and leave it blank.
5. In the Action tab, set the Location drop-down to 'Related Project'. Leave the History Description set to 'Use default description' and leave the 'History and Custom Fields' section as:
   - Category = History
   - Field Label = blank
   - Field Value = blank
6. Set the rule as Active and click Save.
7. Go to the TeamConnect's UI.
8. Go to All → Logging, set the rule logger to Debug, and clear the logs.
9. Go to All → Invoices and create a new invoice. Note the matter you're using. Post the invoice to send it into workflow.
10. Approve the invoice.
11. Navigate to the matter and look for the history/narrative.
12. Pull the logs.

Expected Results of Steps
There should not be a null pointer exception in the logs, and the history should be recorded in the matter record's history.

Actual Results of Steps
The history is recorded in the matter's history record, but there's an NPE (Null Pointer Exception) in the logs.

Root Cause Analysis
This issue was caused by a null pointer.

Issue: Incorrect error message displayed when subscribing to Search view without saving the Search View.
Tracking Code: SUPPORTPRI-74663
Case Number: 2025-0530-8617763
Reported Version: TCE 7.2 Patch Bundle 4

Workaround
None.

Pre-Requisites
TeamConnect version 7.1 or 7.2 with access to Setup.

Steps to Reproduce
1. Navigate to TeamConnect's Setup.
2. Use any object's Search View.
3. Create a copy of that Search View and change the Unique Code and Name for it.
4. Without saving the changes, assign a group to the unsaved object collection Search View.

Expected Results of Steps
The system should throw an error stating: "You must save your changes before attempting to subscribe!"

Actual Results of Steps
The system throws an Internal Exception with a stack trace of:
SQLIntegrityConstraintViolationException

Root Cause Analysis
An SQLIntegrityConstraintViolationException is thrown when trying to assign a group to a copied Search View.

Issue: TCException after validating a custom lookup item.
Tracking Code: SUPPORTPRI-65762
Case Number: 2022-0606-943865
Reported Version: TCE 4.2.9

Workaround
None.

Pre-Requisites
- CustomLookupItemTestRuleHandler.class
- CustomLookupItemTestHandler$1.class
- CustomLookupItemTestHandler.class

Steps to Reproduce
1. Login to TeamConnect.
2. Create a custom lookup table with the unique code: TEST.
3. Upload the above class files to: Documents → Top Level → System → Legacy Rules.
4. Restart the TeamConnect instance.
5. Enable legacy rule execution in System Settings.
6. Attempt to add the following item to the TEST custom lookup table:
    - Name: Ttt1
    - Order: 0
    - Tree Position: TST1
    - Is Active: Yes
7. You should see a popup with the following error: "Error adding test lookup item with tree position TEST_ROOT_TST1, lookup item name (Ttt1)"
8. On all subsequent attempts to add, edit, or delete a lookup item for any table (until you log out and back in), a NullPointerException is thrown when TeamConnect tries to add the lookup item.
9. Go back to the TEST lookup table and attempt to save the change again (click "Add More").
10. You should see the following popup: "There are errors found while adding records."

Expected Results of Steps
Even if a user encounters an error popup on one lookup table, they should still be able to perform operations on other lookup tables.

Actual Results of Steps
A NullPointerException is thrown when trying to perform any operation on a different lookup.

Root Cause Analysis
When saving a lookup item, if rule errors occur, a Design Changes object is left in memory. This residual object causes malfunction in subsequent requests.
Resolution: The fix involves removing the Design Changes object when an error occurs during the lookup item save operation.

Issue: NVDA Screen Reader Does Not Announce Column Sorting in Portal Pane Correctly.
Tracking Code: SUPPORTPRI-74048
Case Number: 2025-0407-8559827
Reported Version: TCE 7.0 Patch Bundle 15

Workaround
None.

Pre-Requisites
NVDA Screen Reader installed on the computer.

Steps to Reproduce
Scenario 1: "The screen reader does not announce 'Order Ascending' and 'Order Descending' or it announces 'Order Ascending' and 'Order Descending' with additional information."
1. Create a homepage with a portal pane that references a search view (example: My New Disputes). Ensure there are multiple entries in the search view (e.g., two or more matters).
2. Login as a user who can view the homepage.
3. Activate the NVDA screen reader.
4. Turn on the NVDA Speech Viewer.
5. Using the keyboard only, navigate to a column in the search view and sort the column (e.g., using the spacebar or Enter key).
6. Observe whether the screen reader announces "Order Ascending" or "Order Descending", or announces them with additional information.
7. Repeat by navigating to a column directly using a mouse and sorting the column.
8. Observe again whether the screen reader announces the expected sort message or includes extra information.

Scenario 2: 'Modify Search' is highlighted instead of the next Column when we click on Tab after we sort it using the 'Enter' button / First sort is not announced but the column is sorted.
1. Login to TeamConnect.
2. Create a homepage with a portal pane that references a search view (example: My New Disputes). Ensure the view has multiple entries.
3. Login as a user who can view the homepage.
4. Use the TAB key to navigate to a column in the search view.
5. Attempt to sort the column using the Enter key.
6. If the column does not sort on the first press, press Enter again.
7. Press TAB again and observe that the focus goes to 'Modify Search', which is outside the table.
Continue steps below with NVDA enabled to observe the accessibility-specific behavior.
8. Activate the NVDA screen reader.
9. Turn on the NVDA Speech Viewer.
10. Enable Visual Highlighting: NVDA → Preferences → Settings → Vision → Visual Highlight
11. Repeat steps 4-7 from the above (Scenario 2).
12. Observe:

- The first sort may not be announced.
- The second sort is announced but with excessive additional information.
- TAB still moves focus to 'Modify Search' instead of the next column.

Expected Results of Steps

Sorting Announcement:
- When a user sorts a column with NVDA enabled, NVDA should only announce:
  - "Order Ascending"
  - "Order Descending"

Tab Behavior After Sorting:
- With NVDA off:
  - Clicking Enter may or may not sort the column.
  - If sorted, pressing Enter again should not re-sort.
  - Pressing TAB should move focus to the next column, not outside the table.
- With NVDA on:
  - Tabbing to a column and pressing Enter should sort the column.
  - NVDA should announce the sort clearly and concisely.
  - Pressing TAB after sorting should move to the next column, not to 'Modify Search'.

Actual Results of Steps

Sorting Announcement:
- NVDA announces:
  - "Sorted Ascending" or "Sorted Descending"
  - Followed by a large amount of additional, unnecessary information.

Tab Behavior After Sorting:
- With NVDA off:
  - Pressing Enter may sort the column, but pressing Enter again does nothing.
  - Pressing TAB moves focus to 'Modify Search', which is outside the table.
- With NVDA on:
  - First Enter sorts the column, but NVDA does not announce it.
  - Second Enter causes re-sorting, and this time NVDA announces the sort – but with extra, additional information.
  - Pressing TAB moves focus to 'Modify Search', rather than the next column.

Root Cause Analysis

There was a missing accessibility implementation. The accessibility issue has been identified and fixed.

Issue: Data sync is not happening for contact sub objects in a cluster.
Tracking Code: SUPPORTPRI-62899
Case Number: 2021-1221-871959
Reported Version: TCE 6.3.3

Workaround
None.

Pre-Requisites
1. TeamConnect version 6.3.4 set up in a two-node cluster on Tomcat, with cache sync enabled.
2. Apache ActiveMQ 5.12.1 should be set up with TeamConnect.
3. Two different user accounts.
4. A few contact records available in the system.

Steps to Reproduce
1. Login with User 1 from Node 1 using one browser, and with User 2 from Node 2 using another browser.
2. On Node 1, open a contact record, update the existing address, and save the changes.
3. On Node 2, open the same contact record and check if the updated address is reflected.

Expected Results of Steps
Data synchronization should occur and the updated details should appear correctly on Node 2.

Actual Results of Steps
Data synchronization is not occurring as expected and the contact on Node 2 still displays the old data.

Root Cause Analysis
Ensure that any changes sent to the parent record are also sent to the sub-objects.

Issue: Cannot view the user list when hovering over a group name on the Matter Security tab.
Tracking Code: SUPPORTPRI-74816
Case Number: 2025-0624-8646716
Reported Version: TCE 7.2 Patch Bundle 2

Workaround
Users can still view the list of users in a group by hovering over the group, but they must first navigate to the Groups screen.

Pre-Requisites
An existing Matter in TeamConnect.

Steps to Reproduce
1. Login to TeamConnect.
2. Click on Matters and open any existing matter.
3. Click on the Security tab and hover over any of the groups listed under Group Rights.
4. Before the upgrade, hovering displayed the list of users in the group.
5. After the upgrade, the list is no longer displayed.

Expected Results of Steps

When hovering over a group under Groups, a list of users in that group should be displayed.

Actual Results of Steps

When hovering over a group under Groups, it does not show the list of users.

Root Cause Analysis

An invalid UniqueKey string pattern was used in the `href` attribute along with the `HoverPopups` JavaScript function.

Issue: When using automated qualifiers with validation rules the error message on the UI is not coming from the class file.
Tracking Code: SUPPORTPRI-74847
Case Number: 2025-0705-8660428
Reported Version: TCE 7.2 Patch Bundle 4

Workaround

None.

Pre-Requisites

1. Create an object with Unique Code as TEST.
2. Create a Category with Tree Position as TECT on the TEST object.
3. Create a Text-type custom field named testField on the TEST object.
4. On the TEST object, create a Validation Rule with Create and Update as triggering events.
5. Under Qualifier, use Automated Action and attach the provided class file: TestCondition.class.

Steps to Reproduce

1. Create a new record of the TEST object.
2. Do not populate the custom field.
3. Ensure the Primary Category is set to anything other than TECT.
4. Attempt to save the record.

Expected Results of Steps

The system should throw an error and the debug log statement from the `class` file should be printed in the logs.

Actual Results of Steps

An error message is displayed: "The system experienced a problem and could not complete your request. Please try your request again or have your system administrator check the system logs for additional details."

Root Cause Analysis

The exception triggered during rule execution was replaced with a standard rule exception, instead of throwing the original exception that was captured during rule execution.

Issue: Issue with Appointment Time Display.
Tracking Code: SUPPORTPRI-74871
Case Number: 2025-0522-8609610
Reported Version: TCE 7.2 Patch Bundle 5

Workaround

None.

Pre-Requisites
1. TeamConnect version 7.2 with Patch Bundle 5 installed.
2. Update User Preferences in TeamConnect:
   ● Set the Time Zone to GMT-06:00 Central Time (US & Canada).
   ● Set the Time Format to International.
   ● Set the Read-Only Mode Time Format to International.
3. Disable Time Zone Sync: Go to User Preferences and uncheck the Time Zone Sync option.
4. Update Admin Settings:
   ● Navigate to TeamConnect → Admin → Admin Settings → Region.
   ● Set the Database Time Zone to GMT-06:00 Central Time (US & Canada).
   ● Set both Edit Mode and Read-Only Mode Time Formats to International.

Steps to Reproduce
1. Create an appointment in TeamConnect.
2. Set the time to 13:30:00 (1:30 PM).
3. Save the appointment.
4. Observe the displayed time.

Expected Results of Steps

After saving the appointment, the time should be correctly displayed as 13:30:00 (1:30 PM) in accordance with the user's time zone and format preferences.

Actual Results of Steps

After saving the appointment, the time should be set for 13:30:00 (1:30 PM), but the time is incorrectly displayed as 00:00:00, and both the start and end times are shifted backward.

Root Cause Analysis

The issue stems from the `formatDateForTimeZone` function in `DateUtil.java`. This function contains logic for Time Zone Independent fields, and it only considers the user's time zone when the time is not midnight (00:00:00 AM). If the time is midnight then it returns the default timezone as the server instance considering the date field is Timezone independent.

Issue: Validation rule does not work with groupMembership.group.UniqueKey 'is/not begins with' qualifier.
Tracking Code: SUPPORTPRI-65280
Case Number: 2022-0718-959344
Reported Version: TCE 6.3.5

Workaround
None.

Pre-Requisites
- TeamConnect version 6.3.5
- A validation rule configured on any object
- The rule uses the operator 'Not - Begins with'

Steps to Reproduce
1. Setup the validation rule.
2. In this case, the rule is applied to the Contact object.
3. Attempt to create a new contact while logged in as a user who belongs to the group specified in the qualifier of the rule.
4. Observe the behavior of the validation rule.

Expected Results of Steps
The error message should not trigger if the current user is a member of the group mentioned in the qualifier.

Actual Results of Steps
The error message still triggers, even though the current user belongs to the group defined in the qualifier.

Root Cause Analysis
The logic was implemented such that it performs a logical AND across all groups the user belongs to.

Issue: Error downloading zipped default log file - IndexOutOfBoundsException.
Tracking Code: SUPPORTPRI-74929
Case Number: 2024-0122-8120229
Reported Version: TCE 7.0 Patch Bundle 6

Workaround
None.

Pre-Requisites
TeamConnect version 7.1 with a very large amount of data and rules that generate large log files.

Steps to Reproduce
1. Download a large default log file.
2. Users can reproduce the issue when the Root, Rule, and SQL loggers are set to "debug."
3. They are able to download the uncompressed file after reverting the loggers to "warn."

Expected Results of Steps

A large compressed log file should be downloadable from the logging screen.

Actual Results of Steps

The download was canceled due to an `IndexOutOfBoundsException`.

Root Cause Analysis

The issue occurred because the document download process used the log file to allocate memory for the downloaded file. When the system was in debug mode, the log file size was changing rapidly, leading to the error. The updated approach reads the log file in chunks to prevent this issue.

Issue: Matter Updates periodically throw system error, user unable to save record.
Tracking Code: SUPPORTPRI-74932
Case Number: 2025-0714-8670331
Reported Version: TCE 7.2 Patch Bundle 5

Workaround

None.

Pre-Requisites

None.

Steps to Reproduce
1. The end user navigates to the Assignee tab on a custom object (Matter).
2. Adds assignees.
3. Navigates back to the General tab.
4. Attempts to save.

Expected Results of Steps

The record saves and gets updated.

Actual Results of Steps

A system error occurs.

Root Cause Analysis

A null pointer exception occurred.

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Issue: Discount Reduction History in Interactive Line Item Popup is Not Correct.
Tracking Code: SUPPORTPRI-73507
Case Number: 2025-0212-8508222
Reported Version: TCE 7.0 Patch Bundle9

Issue: Adjustment Popup Does Not Reflect the Recalculated Discount.
Tracking Code: SUPPORTPRI-73511
Case Number: 2025-0212-8508229
Reported Version: TCE 7.0 Patch Bundle9

Issue: Time Stamps for Appointments that are updated to All Day Events do not update properly.
Tracking Code: SUPPORTPRI-73621
Case Number: 2025-0303-8525962
Reported Version: TCE 7.0 Patch Bundle8

Issue: Native report with drill down throwing System Error.
Tracking Code: SUPPORTPRI-70779
Case Number: 2024-0417-8217502
Reported Version: TCE 7.0.0

Issue: Printable View Does Not Respect Interactive Line Item Filtering.
Tracking Code: SUPPORTPRI-72887
Case Number: 2024-1108-8429694
Reported Version: TCE 7.0 Patch Bundle9

Issue: Adjustment History Rounding Discrepancy In Interactive Line Items Popup / Modals for Discounts.
Tracking Code: SUPPORTPRI-73725
Case Number: 2025-0312-8534870
Reported Version: TCE 7.0 Patch Bundle15

Issue: Columns are not highlighted in the invoice line item interactive grid if they are added back after the line item row is selected.
Tracking Code: SUPPORTPRI-73792
Case Number: 2025-0324-8546306
Reported Version: TCE 7.0 Patch Bundle15

Issue: Sorting Functionality Not Working within a Matter on System and Embedded Object Block.
Tracking Code: SUPPORTPRI-73897
Case Number: 2024-0925-8379525
Reported Version: TC 7.0 Patch Bundle 14

Issue: TC Logout page displaying an error after adding the Sisense server to teamconnect.properties file.
Tracking Code: SUPPORTPRI-74279
Case Number: 2025-0405-8559576
Reported Version: TCE 7.0

Issue: ObjectViewService to Support Embedded Objects Handling.
Tracking Code: TC-57233
Case Number: None
Reported Version: None

Issue: Help Button on Document automation Setting page is not pointing to the right CSC page.
Tracking Code: TC-57662
Case Number: None
Reported Version: None

Below fixes were merged in from TCE 7.1.0 Patch Bundle 14

Issue: Normal Users without "View Task Security" setting get kicked out when reassigning a task.
Tracking Code: SUPPORTPRI-74058
Case Number: 2025-0115-8482606
Reported Version: TCE 7.1 Patch Bundle 8

Issue: Setup page becoming unresponsive when editing date field conditions in filter display of a Search view.
Tracking Code: SUPPORTPRI-74118
Case Number: 2025-0414-8568954
Reported Version: TCE 7.1 Patch Bundle 10

Issue: System error when navigating to another tab without saving assignee block changes.
Tracking Code: SUPPORTPRI-74150
Case Number: 2025-0401-8554817
Reported Version: TCE 7.1 Patch Bundle 5

Issue: Adjusting invoices lines with discounts leads to a negative amount value.
Tracking Code: SUPPORTPRI-68634
Case Number: 2023-0802-7933478
Reported Version: TCE 5.2.6

Issue: Design export tool does not capture change when specific qualifier is used.
Tracking Code: SUPPORTPRI-74461
Case Number: 2025-0415-8569367
Reported Version: TCE 7.1 Patch Bundle 10

Issue: Custom Searches Saved to Folders that use the Between Filter for Date Fields with an open End Date cause the application to log out.
Tracking Code: SUPPORTPRI-74517
Case Number: 2025-0429-8583940
Reported Version: TCE 7.1 Patch Bundle 9

Issue: Clear all filter is not working on Local field mapping and Global field mapping.
Tracking Code: TC-57985
Case Number: None
Reported Version: None

KNOWN ISSUES

Issue: If the category condition is added in the Search view > Filter Display, the field does not take in second word input in type-ahead.
Tracking Code: QAQ-12118
Case Number: None
Reported Version: TCE 7.2 PB7

For detailed information on which versions this patch bundle is getting merged into, refer to [TeamConnect Enterprise Release Communication Page](#).

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_720_PatchBundle_7.sql*
    b. *Oracle_TeamConnect_720_PatchBundle_7.sql*
4. Restart TeamConnect® instance.

UPGRADE CONSIDERATION

No significant upgrade considerations for this patch.

LEVEL OF RISK TO UPDATE WITH PATCH

LOW