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# Tasktop Release Notes - 18.3.37

Posted: October 21, 2019

- Fixes
  - Tasktop Integration Hub Fixes
    - Activity & Issues

## Fixes

### Tasktop Integration Hub Fixes

#### Activity & Issues

- 99451: Fixed an issue where an artifact's routes were being incorrectly updated.

# Tasktop Release Notes - 18.3.36

Posted: September 07, 2019

- Fixes
  - Tasktop Integration Hub Fixes
    - Integrations
    - Product Upgrades

## Fixes

### Tasktop Integration Hub Fixes

#### Integrations

- 98553: Fixed an issue where errors could occur when scheduling activity.

#### Product Upgrades

- 98796: Fixed an issue where invalid artifact routes became corrupted during Tasktop upgrade.

# Tasktop Release Notes - 18.3.35

Posted: July 11, 2019

- Fixes
  - Tasktop Integration Hub Fixes
    - Collections

## Fixes

### Tasktop Integration Hub Fixes

#### Collections

- 96908: Fixed an issue where project replacements did not update any data.

# Tasktop Release Notes - 18.3.34

Posted: May 16, 2019

- Fixes
  - Tasktop Integration Hub Fixes
    - Infrastructure

## Fixes

### Tasktop Integration Hub Fixes

#### Infrastructure

- 95350: Tomcat has been upgraded from version 8.5.34 to 8.5.40. This should resolve issues users may have experienced in Chrome.

# Tasktop Release Notes - 18.3.33

Posted: May 08, 2019

- Fixes
  - Tasktop Integration Hub Fixes
    - Collections

## Fixes

### Tasktop Integration Hub Fixes

#### Collections

- 79346: Fixed a defect where project renames were not reflected on the Collection screen (under 'Manage Projects').

# Tasktop Release Notes - 18.3.32

Posted: March 25, 2019

- Fixes
  - Connector-Specific Fixes
    - CA Agile Central (Rally)

## Fixes

### Connector-Specific Fixes

#### CA Agile Central (Rally)

- 93772: Daylight savings time hour offsets properly accounted for when handling planned dates.



# Tasktop Release Notes - 18.3.31

Posted: March 19, 2019

- [Upgrade Notes](#)
  - [Connector-Specific Upgrade Notes](#)
    - [Atlassian Jira \(REST\)](#)
- [Features](#)
  - [Connector-Specific Features](#)
    - [Atlassian Jira \(REST\)](#)
    - [ServiceNow](#)

## Upgrade Notes

### Connector-Specific Upgrade Notes

#### Atlassian Jira (REST)

- 91557:
  - If you are integrating Zephyr Cloud artifacts, you must upgrade to a version of Tasktop with these changes to prevent existing integrations from being disrupted. Zephyr On Premise is not impacted.
  - The user account associated with the Jira Cloud repository connection must have the 'browse users and groups' permission granted.
  - Any existing Zephyr Cloud collections with default person reconciliation that rely solely on Jira and the target repository having identical usernames will no longer work. A person reconciliation extension will be required in such cases. Behavior for Zephyr On Premise is unchanged.
  - Any existing extensions for Zephyr/Jira Cloud that utilize the person-username field to search or map from Zephyr/Jira must be updated to use a different field such as person-email, as Jira has replaced the username field with a user account ID to comply with GDPR. Extensions for Zephyr On Premise will not need to be changed.
  - If there are field mappings that map Jira Cloud person fields to a string field (including mappings for Enterprise Data Stream), be aware that those will now flow the Jira account ID (i. e. an alphanumeric string such as 'abc-123-def-456'), rather than the Jira username (a readable field such as 'TasktopUser'). We recommend changing the transform to 'Person to String (Display Name)' in these scenarios. Behavior for Zephyr On Premise is unchanged.
  - Gateway payloads sent to Tasktop using person(s) fields may need to change to send appropriate data (for example, e-mail instead of username). If using gateway collections with Zephyr Cloud, please review payloads upon upgrade and update as needed, or consider using an extension to ensure the correct data is sent.

## Features

## Connector-Specific Features

### Atlassian Jira (REST)

- 91557: The 'username' field has been replaced by the 'account ID' field (an alphanumeric string such as 'abc-123-def-456') for Atlassian Jira and Zephyr Cloud to fulfill the requirements of GDPR. Please see upgrade notes for details on what this means for integrations. The behavior for on-premise instances of Jira and Zephyr is unchanged.

### ServiceNow

- 92230: Added support for ServiceNow Madrid.

# Tasktop Release Notes - 18.3.30

Posted: March 05, 2019

- Fixes
  - Tasktop Integration Hub Fixes
    - Enterprise Data Stream
  - Connector-Specific Fixes
    - PTC Integrity Lifecycle Manager

## Fixes

### Tasktop Integration Hub Fixes

#### Enterprise Data Stream

- 92833: Fixed an issue where Enterprise Data Stream integrations failed to process removed artifacts when the Tasktop field mappings had changed since the artifact was last scanned. Note that if database field mappings are altered between the time an artifact was last scanned by Tasktop and the time it is removed from the collection, Tasktop will not be able to populate the historical values for the fields whose mappings have changed.

### Connector-Specific Fixes

#### PTC Integrity Lifecycle Manager

- 85556: Made changes to preserve the date time formatting pattern selected by the user for PTC Integrity repositories in the event of a Tasktop Java upgrade.

# Tasktop Release Notes - 18.3.29

Posted: February 25, 2019

- Fixes
  - Connector-Specific Fixes
    - Atlassian Jira (REST)

## Fixes

### Connector-Specific Fixes

#### Atlassian Jira (REST)

- 92690: Fixed an error that prevented synchronization of Jira issues with Epic links.

# Tasktop Release Notes - 18.3.28

Posted: February 04, 2019

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - Atlassian Jira (REST)
- Fixes
  - Connector-Specific Fixes
    - GitHub Issues
    - IBM Rational DOORS
    - Microsoft Project Server
    - Microsoft Sharepoint
- Features
  - Connector-Specific Features
    - Atlassian Jira (REST)

## Upgrade Notes

### Connector-Specific Upgrade Notes

#### Atlassian Jira (REST)

- 89282: • If you are integrating Jira Cloud artifacts, you must upgrade to a version of Tasktop with these changes to prevent existing integrations from being disrupted. Jira On Premise is not impacted.
  - If you are integrating Zephyr Cloud artifacts, do not yet upgrade to this version of Tasktop (or any later versions), as changes in this version will disrupt existing Zephyr integrations. Zephyr on Premise is not impacted.
  - The user account associated with the Jira Cloud repository connection must have the 'browse users and groups' permission granted.
  - Any existing Jira Cloud collections with default person reconciliation that rely solely on Jira and the target repository having identical usernames will no longer work. A person reconciliation extension will be required in such cases. Behavior for Jira On Premise is unchanged.
  - Any existing extensions for Jira Cloud that utilize the person-username field to search or map from Jira must be updated to use a different field such as person-email, as Jira has replaced the username field with a user account ID to comply with GDPR. Extensions for Jira On Premise will not need to be changed.

- If there are field mappings that map Jira Cloud person fields to a string field (including mappings for Enterprise Data Stream), be aware that those will now flow the Jira account ID (i. e. an alphanumeric string such as 'abc-123-def-456'), rather than the Jira username (a readable field such as 'TasktopUser'). We recommend changing the transform to 'Person to String (Display Name)' in these scenarios. Behavior for Jira On Premise is unchanged.
- Gateway payloads sent to Tasktop using person(s) fields may need to change to send appropriate data (for example, e-mail instead of username). If using gateway collections with Jira Cloud, please review payloads upon upgrade and update as needed, or consider using an extension to ensure the correct data is sent.

## Fixes

### Connector-Specific Fixes

#### GitHub Issues

- 92481: Fixed an issue where the Github connector was unable to create Milestones against github.com.

#### IBM Rational DOORS

- 92137: Fixed an issue where the IBM Rational Doors connector could wait indefinitely for an operation to complete.

#### Microsoft Project Server

- 92244: A detailed authentication failure message is provided when users apply invalid credentials for Microsoft Sharepoint or Microsoft Project Server.

#### Microsoft Sharepoint

- 92244: A detailed authentication failure message is provided when users apply invalid credentials for Microsoft Sharepoint or Microsoft Project Server.

## Features

### Connector-Specific Features

#### Atlassian Jira (REST)

- 92127: Required change for Atlassian GDPR change for Jira cloud. Handles new Jira cloud response header parameter X-AACCOUNTID to be able to differentiate anonymous vs. non-anonymous responses. This will replace X-AUSERNAME which will disappear after the Atlassian deprecation period.

# Tasktop Release Notes - 18.3.27

Posted: January 30, 2019

- Fixes
  - Tasktop Integration Hub Fixes
    - Product Upgrades

## Fixes

### Tasktop Integration Hub Fixes

#### Product Upgrades

- 92116: Fixed an upgrade issue that impacted users upgrading from Tasktop versions 17.2 or earlier.

# Tasktop Release Notes - 18.3.26

Posted: January 17, 2019

- Fixes
  - Connector-Specific Fixes
    - Micro Focus PPM (HPE)

## Fixes

### Connector-Specific Fixes

#### Micro Focus PPM (HPE)

- 91880: Fixed an issue where an empty date value on the PPM artifact could cause an error and prevent synchronization.



# Tasktop Release Notes - 18.3.25

Posted: January 16, 2019

- Fixes
  - Tasktop Integration Hub Fixes
    - Repositories
  - Connector-Specific Fixes
    - Micro Focus ALM Octane (HPE)
    - Microsoft Team Foundation Server
    - Salesforce

## Fixes

### Tasktop Integration Hub Fixes

#### Repositories

- 87356: Improved UI/instructions on the 'External Files Required' screen for Microsoft TFS repository.

### Connector-Specific Fixes

#### Micro Focus ALM Octane (HPE)

- 91285: Fixed an issue that prevented the Micro Focus ALM Octane connector from connecting to the server.

#### Microsoft Team Foundation Server

- 91555: Fixed an error that occurred when retrieving an artifact with multiple '#' symbols in its URI fields.

#### Salesforce

- 91589: Fixed an issue where schema retrieval failed due to validation on string fields with a maximum length of zero.

# Tasktop Release Notes - 18.3.24

Posted: January 11, 2019

- Fixes
  - Tasktop Integration Hub Fixes
    - User Management

## Fixes

### Tasktop Integration Hub Fixes

#### User Management

- 90824: Fixed an issue that allowed users without the 'TasktopUser' role to access the application.

# Tasktop Release Notes - 18.3.23

Posted: December 27, 2018

- Fixes
  - Tasktop Integration Hub Fixes
    - Activity & Issues

## Fixes

### Tasktop Integration Hub Fixes

#### Activity & Issues

- 91321: Fixed an issue where previously synchronized comments or attachments were duplicated due to newly added comment/attachment metadata (e.g. synthetic comment detection).

# Tasktop Release Notes - 18.3.22

Posted: December 19, 2018

- Fixes
  - Tasktop Integration Hub Fixes
    - Activity & Issues

## Fixes

### Tasktop Integration Hub Fixes

#### Activity & Issues

- 90749: Fixed an issue where ignoring too many errors would result in an error that "The maximum number of allowable errors has been reached."

# Tasktop Release Notes - 18.3.21

Posted: December 10, 2018

- Fixes
  - Tasktop Integration Hub Fixes
    - Container Synchronization

## Fixes

### Tasktop Integration Hub Fixes

#### Container Synchronization

- 90566: Fixed an issue where some valid container mirroring configurations were marked as invalid.

# Tasktop Release Notes - 18.3.20

Posted: December 04, 2018

- Fixes
  - Connector-Specific Fixes
    - BMC Remedy
    - IBM Rational DOORS

## Fixes

### Connector-Specific Fixes

#### BMC Remedy

- 90552: Fixed an issue in the BMC Remedy connector where person entries in the Remedy system without associated login names could cause integrations to fail. Such entries will now be ignored by the connector.

#### IBM Rational DOORS

- 89551: Fixed issue where locked DOORS Objects were not being filtered out from searches.

# Tasktop Release Notes - 18.3.19

Posted: November 14, 2018

- Fixes
  - Tasktop Integration Hub Fixes
    - Tasktop Integration Hub
  - Connector-Specific Fixes
    - Micro Focus ALM (HPE)

## Fixes

### Tasktop Integration Hub Fixes

#### Tasktop Integration Hub

- 83859: Fixed an issue where users are not redirected properly after logging in.

### Connector-Specific Fixes

#### Micro Focus ALM (HPE)

- 89459: Fixed an issue where a large number of release cycles could cause a "FULL head" error, blocking integration with Test Sets.

# Tasktop Release Notes - 18.3.18

Posted: November 06, 2018

- Fixes
  - Connector-Specific Fixes
    - Atlassian Jira (REST)
    - Micro Focus ALM (HPE)
    - Salesforce
    - ServiceNow

## Fixes

### Connector-Specific Fixes

#### Atlassian Jira (REST)

- 89408: Fixed an issue where a limited amount of group options was being shown in the Jira Connector. Now all group options are visible.
- 88972: Fixed an error where a cascading dependent field would not be found in the schema when moving a JIRA item to a closed state.

#### Micro Focus ALM (HPE)

- 89459: Fixed an issue where a large number of release cycles could cause a "FULL head" error, blocking integration with Test Sets.

#### Salesforce

- 89574: Fixed an issue where the Salesforce Sales Cloud connector attempted to process a picklist field that the user does not have access to.

#### ServiceNow

- 89203: Fixed an issue in the ServiceNow connector where an attachment with an empty filename disabled all attachment synchronization. Now, users with the right permission can attach files with empty filenames, and synchronize the attachments.



# Tasktop Release Notes - 18.3.17

Posted: October 30, 2018

- Fixes
  - Connector-Specific Fixes
    - Atlassian Jira (REST)
    - Tricentis Tosca

## Fixes

### Connector-Specific Fixes

#### Atlassian Jira (REST)

- 88860: Fixed a performance issue in the Jira connector that pertains to synchronizing the Test Cycle artifact from the Zephyr Cloud plugin.

#### Tricentis Tosca

- 87524: Improved the performance of the Tosca connector when listing options in projects with a large number of items.

# Tasktop Release Notes - 18.3.16

Posted: October 23, 2018

- Fixes
  - Tasktop Integration Hub Fixes
    - Activity & Issues
    - Redeployment
  - Connector-Specific Fixes
    - Atlassian Jira (REST)
    - Blueprint
    - GitHub Issues
    - IBM Rational ClearQuest
    - IBM Rational Team Concert
    - Microsoft Team Foundation Server
    - Tricentis Tosca

## Fixes

### Tasktop Integration Hub Fixes

#### Activity & Issues

- 87339: Fixed an issue where the retry button for background jobs was not clickable in Internet Explorer.

#### Redeployment

- 88032: Fixed an issue where background processes may be labelled with an integration that they are not associated with.

### Connector-Specific Fixes

#### Atlassian Jira (REST)

- 88799: Fixed an issue where connector will filter out duplicate fields from a customer configuration containing the same metadata for sd-request-participants in Jira.

#### Blueprint

- 88623: Fixed an issue where a certain character from a Blueprint rich text field would appear as a question mark when synchronized.

#### GitHub Issues

- 89094: Fixed an issue where GitHub Issues failed to retrieve linked Milestones due to a SaaS API change.

## **IBM Rational ClearQuest**

- 89134: Fixed an issue where fields with names starting with a digit will cause XML parsing errors during artifact retrieval. These fields will now be ignored and not be considered part of the artifact.
- 89027: Fixed an issue where ClearQuest collections with a very large set of artifacts can lead to a mapping screen that appears to hang for extended periods of time.

## **IBM Rational Team Concert**

- 88993: Fixed an issue where RTC 6.0.1 and later could not properly sync String List fields on creation.

## **Microsoft Team Foundation Server**

- 89086: Fixed an issue where a connection is reset while listing options.
- 88509: Fixed an issue where Azure DevOps collections couldn't be created with the new 'dev.azure.com' URL.

## **Tricentis Tosca**

- 88688: Fixed an issue where Test Mandate Entries and Business Execution Lists could not be retrieved.

# Tasktop Release Notes - 18.3.15

Posted: October 10, 2018

- Fixes
  - Connector-Specific Fixes
    - Atlassian Jira (REST)

## Fixes

### Connector-Specific Fixes

#### Atlassian Jira (REST)

- 88539: HTTP 400 responses for anonymous requests that are not the login URL will trigger an authentication request from the product.

# Tasktop Release Notes - 18.3.14

Posted: October 03, 2018

- Fixes
  - Connector-Specific Fixes
    - BMC Remedy
    - Solutions Business Manager (Serena)

## Fixes

### Connector-Specific Fixes

#### BMC Remedy

- 88254: Fixed an issue where Status\_Reason and Resolution were not writable when performing a state transition. This could prevent transitions from executing when these fields are required.

#### Solutions Business Manager (Serena)

- 88327: Fixed an issue where repository queries could cause search requests to time out.

# Tasktop Release Notes - 18.3.13

Posted: September 25, 2018

- **Fixes**
  - **Tasktop Integration Hub Fixes**
    - Integrations
  - **Connector-Specific Fixes**
    - Atlassian Jira (REST)
    - Jama
    - QASymphony qTest Manager
    - ServiceNow

## Fixes

### Tasktop Integration Hub Fixes

#### Integrations

- 88202: Fixed an issue where using multiple projects in a collection could cause an error during processing for some connectors.

### Connector-Specific Fixes

#### Atlassian Jira (REST)

- 87778: Fixed an issue where Jira integrations could not perform state transitions involving either Original Estimate or Remaining Estimate.

#### Jama

- 88286: Fixed an issue where attachments without a specified size couldn't be synchronized into Jama.

#### QASymphony qTest Manager

- 88265: Fixed a defect where QASymphony defects did not work on Cloud instances when they had no associated module.

#### ServiceNow

- 88081: Fixed an issue where Tasktop search operations were unnecessarily re-fetching pages for some versions of Service Desk.

# Tasktop Release Notes - 18.3.12

Posted: September 19, 2018

- Fixes
  - Tasktop Integration Hub Fixes
    - Activity & Issues
    - Integrations
    - Settings
  - Connector-Specific Fixes
    - Jama

## Fixes

### Tasktop Integration Hub Fixes

#### Activity & Issues

- 87478: Fixed an issue where Tasktop would fail to start when too many errors were present on product upgrade.

#### Integrations

- 87709: Activity related to synchronization of an attachment is completed without error when the source attachment is deleted prior to synchronization occurring.

#### Settings

- 87591: Fixed an issue that prevented email notifications from being sent.

### Connector-Specific Fixes

#### Jama

- 77801: Tables in Jama are created with a border and left-aligned text.

# Tasktop Release Notes - 18.3.11

Posted: September 11, 2018

- Fixes
  - Tasktop Integration Hub Fixes
    - Integrations
  - Connector-Specific Fixes
    - GitHub Issues
    - Tricentis Tosca

## Fixes

### Tasktop Integration Hub Fixes

#### Integrations

- 87587: Fixed an issue where comments were duplicated after performing multiple project replacements on a Tasktop collection.

### Connector-Specific Fixes

#### GitHub Issues

- 87465: Fixed an issue where the GitHub artifact location URI was encoded incorrectly.

#### Tricentis Tosca

- 87258: Fixed a performance issue that occurred when retrieving artifacts that have container fields.



# Tasktop Release Notes - 18.3.10

Posted: September 06, 2018

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - Salesforce
- Fixes
  - Tasktop Integration Hub Fixes
    - Activity & Issues
    - Integrations
    - Repositories
  - Connector-Specific Fixes
    - QASymphony qTest Manager
    - Salesforce

## Upgrade Notes

### Connector-Specific Upgrade Notes

#### Salesforce

- 87181: Dependent picklist fields that depend on a checkbox field are not supported. If such a field is included in an integration, the integration should be updated.

## Fixes

### Tasktop Integration Hub Fixes

#### Activity & Issues

- 87520: Fixed an issue where errors wouldn't automatically resolve for Jira repositories that connected via the two-way SSL authentication method.

#### Integrations

- 78397: Added the ability to stop an integration even when the repository is no longer reachable.

#### Repositories

- 86545: Fixed an issue where the Jira two way SSL authentication method would not validate and would show an error: "property path must contain the data for the file."

### Connector-Specific Fixes

## **QASymphony qTest Manager**

- 85582: Fixed an issue where token could not be refreshed. Now, when users get an 'authentication token expired' error message, they can refresh the screen to remove the error.

## **Salesforce**

- 87181: Fixed an error where duplicate options were found for a Salesforce dependent picklist field.

# Tasktop Release Notes - 18.3.9

Posted: August 31, 2018

- Fixes
  - Tasktop Integration Hub Fixes
    - Activity & Issues
    - Collections
    - Integrations
    - Repositories
  - Connector-Specific Fixes
    - Micro Focus ALM (HPE)

## Fixes

### Tasktop Integration Hub Fixes

#### Activity & Issues

- 87520: Fixed an issue where errors wouldn't automatically resolve for Jira repositories that connected via the two-way SSL authentication method.

#### Collections

- 87027: Fixed an issue where setting a constant value for a single-select field with a large number of options could cause the browser to freeze.

#### Integrations

- 87188: To prevent duplicate comments, the project replacement action will now also update person information.

#### Repositories

- 86545: Fixed an issue where the Jira two way SSL authentication method would not validate and would show an error: "property path must contain the data for the file."

### Connector-Specific Fixes

#### Micro Focus ALM (HPE)

- 87275: Fixed an issue that prevented HTML based attachments on ALM versions 12.53 and earlier from synchronizing to other repositories.

- 87200: Fixed an issue where corrupted artifacts (without last modification date) could cause change detection to be aborted early by excluding such corrupted artifacts from the search results.

# Tasktop Release Notes - 18.3.8

Posted: August 28, 2018

- Fixes
  - Connector-Specific Fixes
    - [Atlassian Jira \(REST\)](#)

## Fixes

### Connector-Specific Fixes

#### Atlassian Jira (REST)

- 87173: Fixed NullPointerException error that occurred when using certain artifact filtering configurations.

# Tasktop Release Notes - 18.3.7

Posted: August 24, 2018

- Fixes
  - Tasktop Integration Hub Fixes
    - Product Upgrades

## Fixes

### Tasktop Integration Hub Fixes

#### Product Upgrades

- 87096: Fixed upgrade issue for Tasktop instances using the internal Derby database as the operational database. Note: For production instances, we strongly recommend using an *external* database, rather than the internal Derby database.

# Tasktop Release Notes - 18.3.6

Posted: August 22, 2018

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - BMC Remedy
    - WhiteHat Sentinel
- Fixes
  - Tasktop Integration Hub Fixes
    - Activity & Issues
    - Field Flow
    - Integrations
    - Settings
    - State Transitions
  - Connector-Specific Fixes
    - Micro Focus ALM (HPE)
    - ServiceNow
    - WhiteHat Sentinel
- Features
  - Connector-Specific Features
    - BMC Remedy

## Upgrade Notes

### Connector-Specific Upgrade Notes

#### BMC Remedy

- 86651: The Requestor\_ID field has been removed from Work Orders. This field contained the ID for the person stored in the Customer field - therefore, if the value from the Requestor\_ID field is needed, it can be retrieved from the Customer field.

#### WhiteHat Sentinel

- 78854: The following fields will need to be manually re-mapped as their types have changed: The type of the "Rating" field (previously labelled as "Risk") on DAST Vulnerabilities has been changed from Long to Single Select. The type of the Status field on Vulnerabilities has been changed from Single Select to String.

## Fixes

### Tasktop Integration Hub Fixes

## Activity & Issues

- 86079: Fixed an issue where the activity screen did not load.

## Field Flow

- 86638: Fixed an issue where the radio buttons in the "Process All Events" dialog did not function correctly.

## Integrations

- 86987: Fixed an issue where an empty comment caused subsequent comments to not flow. Comments that were previously lost will not be restored.
- 86957: Fixed an issue that could cause duplicate artifact creation when multiple linked integrations (i.e. Repository A --> Repository B --> Repository C) were run with a very short change detection interval.
- 86635: Fixed an issue that would cause an error if a user changed the name of one of their projects if that project was being used in multiple integrations.
- 85732: Fixed an issue where Tasktop could fail to flow comments and attachments occasionally when a user recreated a deleted artifact.

## Settings

- 86469: Fixed an issue where some errors could be erroneously excluded from email notifications, especially if a high email frequency were set.

## State Transitions

- 82853: Fixed an error that was encountered when configuring state transitions for fields required for artifact creation in the repository.

## Connector-Specific Fixes

### Micro Focus ALM (HPE)

- 86848: Fixed an issue in the Micro Focus ALM connector where collections of some test types were not properly scoped to the selected sub-type.

### ServiceNow

- 86783: Fixed an issue where users may encounter a 'java.util.LinkedHashMap...' error message due to the connector handling JSON maps instead of simple strings.

### WhiteHat Sentinel

- 78854: The following WhiteHat field labels have been updated to match the UI:
  - SAST Vulnerability: "Risk" to "WhiteHat Rating"
  - SAST Vulnerability: "Application" to "Asset Name"
  - SAST Vulnerability: "Application" to "Asset Name"
  - SAST Vulnerability: "First Opened" to "Opened On"



- SAST Vulnerability: "Application (relation)" to "Application"
- DAST Vulnerability: "Risk" to "Rating"
- DAST Vulnerability: "Retest State" to "Retest Vuln Status"
- DAST Vulnerability: "Site" to "Asset Name"
- DAST Vulnerability: "First Opened" to "Date First Opened"
- DAST Vulnerability: "Site (relation)" to "Site"
- Vulnerabilities: "Summary" to "Vulnerability Class"
- Vulnerabilities: "Formatted ID" to "Vulnerability ID"
- Asset (Application): "Summary" to "Application Name"
- Asset (Site): "Summary" to "Site Name"
- Assets: "Formatted ID" to "WhiteHat Asset ID"
- Assets: "Asset Scan Status" to "Scan Status"
- Assets: "Open Vulnerabilities" to "Open Vulnerabilities - Verified"

## Features

### Connector-Specific Features

#### BMC Remedy

- 86651: The Requestor\_ID field has been removed from Work Orders.

# Tasktop Release Notes - 18.3.5

Posted: August 14, 2018

- Fixes
  - Tasktop Integration Hub Fixes
    - Integrations
  - Connector-Specific Fixes
    - QASymphony qTest Manager

## Fixes

### Tasktop Integration Hub Fixes

#### Integrations

- 86703: Fixed an issue where multiple integrations processing the same artifact could overwrite changes made by one another.

### Connector-Specific Fixes

#### QASymphony qTest Manager

- 86040: Fixed an issue where Tasktop was not able to renew authentication if a token being used was revoked.

# Tasktop Release Notes - 18.3.4

Posted: August 08, 2018

- Fixes
  - Tasktop Integration Hub Fixes
    - Collections
    - Product Upgrades
  - Connector-Specific Fixes
    - Atlassian Jira (REST)
    - QASymphony qTest Manager
    - Sparx Systems Pro Cloud Server
    - Tricentis Tosca

## Fixes

### Tasktop Integration Hub Fixes

#### Collections

- 86530: Fixed an issue where artifacts could not be synchronized out of WhiteHat Sentinel if the site field was not mapped.

#### Product Upgrades

- 86482: Tasktop will safely remove redundant record from database before migration to prevent database conflict key error.

### Connector-Specific Fixes

#### Atlassian Jira (REST)

- 86159: Fixed an issue where attachment synchronization from Jira was failing for attachments with .htm or .html extension.

#### QASymphony qTest Manager

- 86103: Fixed an issue where a user in the state "new" without a first name and last name would cause an error.

#### Sparx Systems Pro Cloud Server

- 86518: Fixed an issue where integrations could not be performed when no tags are available.

## Tricentis Tosca

- 86126: Fixed an issue where artifacts could not be retrieved from workspaces with spaces in their name.

# Tasktop Release Notes - 18.3.3

Posted: July 31, 2018

- Upgrade Notes
  - Tasktop Integration Hub Upgrade Notes
    - Product Upgrades
  - Connector-Specific Upgrade Notes
    - Atlassian Jira
    - CA PPM
    - WhiteHat Sentinel
- Fixes
  - Tasktop Integration Hub Fixes
    - Activity and Issues
    - Operational Database
    - Product Upgrades
  - Connector-Specific Fixes
    - Atlassian Jira (REST)
    - BMC Remedy
    - CA PPM
    - GitHub Issues
    - IBM Rational Team Concert
    - Jama
    - WhiteHat Sentinel
- Features
  - Tasktop Integration Hub Fixes
    - Logging
    - Repositories
  - Connector-Specific Features
    - Atlassian Jira
    - Targetprocess

## Upgrade Notes

### Tasktop Integration Hub Upgrade Notes

#### Product Upgrades

- 86122: Time entry fields are not supported in Tasktop Integration Hub. Any existing collections with time entry fields mapped will result in an error. Please remove any field mappings for time entry type fields.

### Connector-Specific Upgrade Notes

## Atlassian Jira

- 84636: Atlassian will be deprecating basic authentication with passwords and cookie-based authentication for Jira Cloud by December 1, 2018. Users must configure a Tasktop repository authentication method other than 'Standard Authentication,' such as 'Email Address and API Token Authentication (Jira Cloud only),' by that time. See Atlassian notice here: <https://developer.atlassian.com/cloud/jira/platform/deprecation-notice-basic-auth-and-cookie-based-auth/>.

## CA PPM

- 85779: In order to ensure the CA PPM connector continues to function properly, the latest NSQL queries should be downloaded and installed from docs.tasktop.com.

Additionally, due to a change related to the 'Start Date' field on Portfolios, this field may need to be re-mapped in any existing collections.

## WhiteHat Sentinel

- 86031: The DAST and SAST vulnerability field "Located In" is now of type "String" (changed from type URI) to accommodate content that is not a valid URI. For integrations that mapped this field, manual adjustments in the mapping screen might be necessary.

## Fixes

### Tasktop Integration Hub Fixes

#### Activity and Issues

- 85624: Fixed an issue where the project rename background job could cause the operational database to end up in an invalid state.

#### Operational Database

- 85757: Fixed an issue that could cause processing to become stuck when using MS SQL Server as an operational database.

#### Product Upgrades

- 86122: Fixed an issue where the configuration could not be loaded due to a deleted work log (time entry) related transformation.

### Connector-Specific Fixes

## Atlassian Jira (REST)

- 86029: Fixed an issue where some Jira synchronizations were failing temporarily with an error message of 'Issue not found.'

## BMC Remedy

- 85832: Fixed an issue in the BMC Remedy connector where artifact filtering against the Support Group Name field on Work Orders did not work.

## CA PPM

- 85779: Fixed an issue in the CA PPM connector and its related NSQL queries which prevented the queries from validating correctly when the underlying CA PPM database is a version of Oracle.

## GitHub Issues

- 85771: Fixed an issue where an error could occur during person reconciliation when the repository had a user login that contained the same characters as another login.

## IBM Rational Team Concert

- 86113: Fixed an issue where errors were encountered on the Field Mapping screen due to worklogs being retrieved when they weren't present in the project's process.

## Jama

- 86030: Fixed an issue with the Jama connector where users were unable to flow artifacts with embedded attachments if the file name contained spaces or special characters.

## WhiteHat Sentinel

- 86031: The DAST and SAST vulnerability field "Located In" is now of type "String" (changed from type URI) to accommodate content that is not a valid URI.
- 85886: Fixed an issue where a recent API change caused the fields CVSS Score and CVSS Vector not to be properly retrieved. Also supports the new V3 version of those fields.

## Features

### Tasktop Integration Hub Fixes

#### Logging

- 85719: Security improvements for the logging subsystem.

## Repositories

- 85716: Unsatisfied connector requirements, such as TFS SDK or CLC files, can no longer be uploaded through the UI and are now selected in the UI from a list of options loaded from a directory on the file system.

## Connector-Specific Features

### Atlassian Jira

- 84636: Added new authentication method, 'Email Address and API Token Authentication (Jira Cloud only),' as per Atlassian notice <https://developer.atlassian.com/cloud/jira/platform/deprecation-notice-basic-auth-and-cookie-based-auth/>.

### Targetprocess

- 82352: CreateDate field can be set when creating a new artifact.



# Tasktop Release Notes - 18.3.2

Posted: July 24, 2018

- Upgrade Notes
  - Tasktop Integration Hub Upgrade Notes
    - Misc
    - Repositories
  - Connector-Specific Upgrade Notes
    - BMC Remedy
    - CA PPM
    - IBM Rational DOORS Next Generation
    - IBM Rational Team Concert
    - Micro Focus ALM (HPE)
    - Micro Focus ALM Octane (HPE)
    - Microsoft Team Foundation Server
    - Planview Enterprise
    - Solutions Business Manager (Serena)
  - SDK-Specific Upgrade Notes
    - General
- Fixes
  - Tasktop Integration Hub Fixes
    - Activity & Issues
    - Artifact Filtering
    - Artifact Relationship Management (ARM)
    - Collections
    - Container Synchronization
    - Extensions
    - Field Flow
    - Gateway
    - Installers
    - Integrations
    - Logging
    - Metrics
    - Misc
    - Operational Database
    - Product Upgrades
    - Repositories
    - Settings
    - State Transitions
    - Work Item Synchronization
  - Connector-Specific Fixes
    - Atlassian Jira (REST)
    - BMC Remedy
    - CA Agile Central (Rally)

- CA PPM
- GitLab Issues
- IBM Rational DOORS Next Generation
- IBM Rational Team Concert
- Jama
- Micro Focus ALM (HPE)
- Micro Focus ALM Octane (HPE)
- Micro Focus PPM (HPE)
- Microsoft Project Server
- Microsoft Team Foundation Server
- QASymphony qTest Manager
- Salesforce
- ServiceNow
- Sparx Systems Pro Cloud Server
- Tricentis Tosca
- Features
  - Tasktop Integration Hub Features
    - Activity & Issues
    - Collections
    - Container Synchronization
    - Field Flow
    - Integrations
    - Metrics
    - Misc
    - Product Upgrades
    - Repositories
    - Settings
  - Connector-Specific Features
    - Atlassian Jira (REST)
    - BMC Remedy
    - GitHub Issues
    - GitLab Issues
    - Jama
    - Microsoft Team Foundation Server
    - Planview Enterprise
    - Planview LeanKit
    - PTC Integrity Lifecycle Manager
    - ServiceNow
    - SmartBear QAComplete
    - Solutions Business Manager (Serena)
    - Tricentis Tosca
    - VersionOne
    - Zendesk

## Upgrade Notes

# Tasktop Integration Hub Upgrade Notes

## Misc

- 83935: Tasktop's internal bundle has been upgraded from Tomcat 7 to Tomcat 8.5. Customers with customized Tomcat configuration may have start-up issues if using the old customized configuration. Please contact Tasktop Support for assistance if needed.

## Repositories

- 83843: Existing repositories using 'Script (HTTP cookies)' authentication method will continue to work normally. However, if changes need to be made to existing repository configuration, users will need to follow the new process of placing the script in the designated directory.

## Connector-Specific Upgrade Notes

### BMC Remedy

- 82829: BMC Remedy connector requires the newest customized web services for all types (Problem, Incident, Change, and Work Order) when upgrading to this version. See Connector Documentation for details.
- 81661: To flow attachments into BMC Remedy Work Orders, an updated Work Orders Custom Web Services Definition File (tasktop-workorder-customization.def) must be downloaded and imported into BMC Remedy. See Connector Documentation for details.
- 85031: Customers will need to update their custom web services files (available in the Connector Docs) in order to gain access to the new Work Order fields.

### CA PPM

- 81437: The CA PPM NSQL Query for Tasktop\_SearchTasks should be updated to prevent sub-projects from being captured in the query. See Connector Documentation for details.

### IBM Rational DOORS Next Generation

- 84924: Upgrading to the latest version of Tasktop Integration Hub might cause an issue communicating with IBM Rational Team Concert or Rational Doors Next Generation instances running version 6.0.0 or earlier. If an error message is displayed which contains the following text 'Received fatal alert: handshake\_failure', this is likely caused by incompatible cipher suites used in establishing a secure connection with the repository.

This can be resolved securely by making a configuration change to the IBM server, or via a less secure workaround that involves explicitly removing a disabled cipher from the java security files included in the Java Runtime Environment bundled with Tasktop.

To resolve securely on the server hosting the IBM repository: 1) Ensure the webservice is stopped, and update the web application server to use only modern, secure ciphers. An example list of ciphers, as well as suggested configuration help for both Tomcat and WebSphere Application Server, can be found here: <http://www-01.ibm.com/support/docview.wss?uid=swg21959325> 2) Ensure the JCE Unlimited Strength Jurisdiction Policy Files are installed in the web service Java Runtime Environment libraries. They can be obtained here: [https://www.ibm.com/marketing/iwm/iwm/web/reg/pick.do?source=jcesdk&lang=en\\_US](https://www.ibm.com/marketing/iwm/iwm/web/reg/pick.do?source=jcesdk&lang=en_US) 3) If these steps do not resolve the issue, it may also be necessary to update the IBM webservices to their latest corresponding iFix version.

To resolve on the Tasktop Hub client via a workaround (warning: this approach is less secure, as it involves continued use of the '3DES' cipher suites):

- Ensure Tasktop Integration Hub is stopped
- In the Tasktop Integration Hub installation directory, edit `\jre\lib\security\java.security`
- Remove the '3DES\_EDE\_CBC' value from `jdk.tls.disabledAlgorithms` and save the change

## IBM Rational Team Concert

- 84924: Upgrading to the latest version of Tasktop Integration Hub might cause an issue communicating with IBM Rational Team Concert or Rational Doors Next Generation instances running version 6.0.0 or earlier. If an error message is displayed which contains the following text 'Received fatal alert: handshake\_failure', this is likely caused by incompatible cipher suites used in establishing a secure connection with the repository.

This can be resolved securely by making a configuration change to the IBM server, or via a less secure workaround that involves explicitly removing a disabled cipher from the java security files included in the Java Runtime Environment bundled with Tasktop.

To resolve securely on the server hosting the IBM repository: 1) Ensure the webservice is stopped, and update the web application server to use only modern, secure ciphers. An example list of ciphers, as well as suggested configuration help for both Tomcat and WebSphere Application Server, can be found here: <http://www-01.ibm.com/support/docview.wss?uid=swg21959325> 2) Ensure the JCE Unlimited Strength Jurisdiction Policy Files are installed in the web service Java Runtime Environment libraries. They can be obtained here: [https://www.ibm.com/marketing/iwm/iwm/web/reg/pick.do?source=jcesdk&lang=en\\_US](https://www.ibm.com/marketing/iwm/iwm/web/reg/pick.do?source=jcesdk&lang=en_US) 3) If these steps do not resolve the issue, it may also be necessary to update the IBM webservices to their latest corresponding iFix version.

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- Remove the '3DES\_EDE\_CBC' value from `jdk.tls.disabledAlgorithms` and save the change

## Micro Focus ALM (HPE)

- 84080: The 'Test Set Folder Path' field is now read only. Any mapping that writes to that field should be removed or changed to flow one way from ALM.

## Micro Focus ALM Octane (HPE)

- 83993: Due to an API change on Micro Focus' end, the following fields (which were previously read only) are no longer supported: Requirement Coverage (on any test items), Run (on Test Suites, Automated Tests, Gherkin Tests, and Manual Tests), Automated Test (on Gherkin Tests), and Children (on Requirement Documents or Requirement Folders).
- 82011: After upgrading from Tasktop 18.3.0.20180405-b291, Octane repositories that are version 12.55.8 and higher will have a temporary increase in artifacts being synchronized, as the way Tasktop detects changes in Octane artifacts has been updated. Upgrading from earlier Tasktop versions will not introduce updates in how changes are detected.

## Microsoft Team Foundation Server

- 83558: Customers will need to download and install the TFS SDK and CLC 14.134.0 libraries to replace version 14.120.0 libraries. Please review full instructions here before upgrading: <https://docs.tasktop.com/user-guide/installation-primer/upgrading>.

## Planview Enterprise

- 83183: ***After upgrade, the routing for for all Planview Enterprise integrations will be lost and will need to be reconfigured. In order to efficiently reconfigure these routings, please take note of the current Artifact Routing configuration before upgrading.*** Tasktop has added support for the synchronization of primary planning levels (PPLs) within a container integration. Due to this, PPLs can no longer be added as the high-level container (i.e. the container selected after clicking 'Manage Projects') for a work item collection. However, PPLs can still be utilized for artifact routing as a lower-level container. Therefore, users can achieve the same configuration as previously expected. Please review the issues screen after upgrading for additional details.

## Solutions Business Manager (Serena)

- 82402: Fields which reference auxiliary tables which were previously relationship(s) fields are now single- or multi-select fields. These fields will need to be manually re-mapped in Tasktop.

## SDK-Specific Upgrade Notes

### General

- 64362: Any fields utilized in an extension now must be mapped on the collection-to-model Field Mapping screen. To improve performance, fields that are not mapped to the model are no longer retrieved by Tasktop, and therefore are no longer available for use in an extension.

## Fixes

### Tasktop Integration Hub Fixes

#### Activity & Issues

- 84600: Configuration migrations will now be retried up to five times if they fail with temporary errors.
- 84354: Fixed a UI issue for filters on the Activity screen.
- 83641: Fixed an issue where Tasktop may experience errors and stop processing an integration which had artifact filtering configured and a stale cache.
- 83445: Made improvements to the Activity screen UI.
- 81378: Fixed an issue where Tasktop may surface database deadlock errors when scheduling events for processing.
- 79949: Tasktop's activity filters are now contained in a separate panel which can be shown or hidden.

#### Artifact Filtering

- 83164: Fixed an issue where some integrations resulted in an error when flowing artifacts with filters set on fields that contain no value.
- 81956: Fixed an issue where configured artifact filters were not shown in the Tasktop UI. The issue occurred if one side of an integration was configured to not accept new artifacts, and a filter was configured for the other side to apply on creation and update.
- 76496: Fixed an issue where artifacts which were previously not processed due to artifact filtering would not be processed after removing the filter and clicking the 'Process All Artifacts' button.
- 85638: Modifications to a model's single select field values will have the consequence of deleting associated artifact filters and conditional routing rules rather than having them become out of sync with the model.
- 81972: Fixed an issue that prevented the artifact filter from being applied due to a missing single-select value.

#### Artifact Relationship Management (ARM)

- 84513: Improved an error message which would display "Artifact not found" for relationship to single-select field mappings instead of indicating that the mapped artifact was deleted.
- 84071: Fixed an issue that could prevent synchronizing an artifact when a relationships field was mapped with multiple integrations configured.
- 81690: Fixed an issue where Tasktop may experience errors attempting to remove and add relationships at the same time under certain circumstances.

## Collections

- 84888: Fixed an issue where users were unable to search the 'Work Item' list on the New Collection screen for certain inputs.
- 83032: Improved performance for repository queries.
- 82585: Empty string can be transformed to single select by ID or label value in field mapping.
- 82235: Fixed an issue where relationship constant value based on projects was not displayed properly.
- 82177: Fixed an issue where renamed Jira projects would be flagged as invalid.
- 76973: Improved error message when formatted ID search is not available.
- 82706: Fixed an issue where collections could not be created when the repository had multiple artifact types with the same label.
- 82706: Fixed an issue where collections could not be created when the repository had multiple artifact types with the same label.

## Container Synchronization

- 83863: Fixed an issue which prevented container + work item synchronizations between collections of the same repository.
- 85267: Corrected validation that allowed adding Jama work item collections under a Jama component collection in a Container + Work Item Synchronization.

## Extensions

- 81906: Added more descriptive error messages when extensions returned incorrect values.
- 81597: Improved the Extension Code widget to expand with the screen for long scripts.

## Field Flow

- 84513: Improved an error message which would display "Artifact not found" for relationship to single-select field mappings instead of indicating that the mapped artifact was deleted.

## Gateway

- 84356: Fixed an issue where Modify via Gateway events failed when one or more projects in the collection failed to provide artifact schema.

## Installers

- 85720: Removed extra dot in the filename for access logs in /tasktop/logs.

## Integrations

- 84966: Fixed an issue where constant values were not contained within a square pill on the field flow screen.

- 84963: Fixed an issue where long text would make field labels hard to read on the field flow screen.
- 84759: Fixed a UI issue on the Conditional Artifact Routing screen where values in the 'Default Route' drop-down list were partially hidden.
- 84758: Fixed an issue which would prevent state transitions from processing unless a repository artifact field changed.
- 83925: Fixed issue where a row on the integrations screen extended beyond the width of the page.
- 83295: Fixed an issue where attachments flowing from the DOORS connector were duplicated in the target system every time a DOORS item was processed.
- 83202: Fixed an issue where the Artifact Routing screen would be slow to load when a collection had many containers.
- 81716: Fixed an issue where the 'Process All Artifacts' button would not flow field values for newly mapped fields.
- 85075: Fixed an issue where comments could be duplicated when an error occurred while storing past activity.
- 85075: Fixed an issue where comments could be duplicated when an error occurred while storing past activity.

## Logging

- 81351: Includes logging improvements.
- 80985: Fixed an issue where some log messages in the log file were indented.

## Metrics

- 84621: Fixed an issue where the repository filter on the Metrics screen had the wrong label.
- 82622: Fixed an issue on the Metrics Dashboard where "# Artifacts Created" and "# Artifact Updates" values were reversed in the Cumulative Artifact Processing Counts for Repositories.
- 82392: Fixed an issue where filter options could not be selected on the Metrics screen.

## Misc

- 81082: Updated a third party library that could cause a deadlock in Tasktop instances with connection instabilities.

## Operational Database

- 84065: Fixed an issue where Tasktop may create unwanted duplicate artifacts if the connection to the operational database is lost at a very specific moment when processing artifacts.
- 83819: Added validation to Tasktop's database settings to ensure that the SQL Server instance has a case sensitive collation before initiating a database transfer.
- 84238: Tasktop copies data successfully from Derby to Oracle when using ojdbc8.
- 83818: Fixed an issue with updating external database settings when a TFS repository is configured.



- 83547: Tasktop automatically reconnects to operational database if connection is lost and then restarts.

## Product Upgrades

- 83650: Fixed an issue that prevented some GitLab users from upgrading Tasktop.

## Repositories

- 84538: Improved Repository Connection screen UI to accommodate Authentication Method types with long names.
- 83871: Fixed an issue where updating a repository to use a file based authentication scheme (eg. Cookie Script) from a non-file based authentication scheme (eg. Username and Password) would fail in Tasktop.
- 85609: To prevent errors after changes made to 'Script (HTTP Cookies)' repository authentication method, Keycloak windows installer now also creates authentication scripts by default.

## Settings

- 83080: Fixed an issue where partial change detection scan completion could remove a full scan request.

## State Transitions

- 84534: Fixed an issue that would cause status fields using state transitions to flow backwards (from the target artifact to the source artifact) during artifact creation.
- 83185: Improved text on State Transition screen when no state transitions are configured for a collection.
- 82638: Updated message displayed when no state transitions are configured for a collection.

## Work Item Synchronization

- 78062: Confirmation dialogs in Tasktop no longer display values previously selected after exiting out of and reopening the dialogs.
- 85494: Fixed an issue where events from a deleted repository could cause NullPointerException errors and prevent synchronization.

## Connector-Specific Fixes

### Atlassian Jira (REST)

- 84645: Fixed an issue in Jira that caused 'connection pool shutdown' errors to appear.
- 83797: Fixed an issue where users would see an "Unable to parse response" error when creating a Jira repository connection.

- 83096: Fixed an issue with listing Sprint options on Jira work items when Scrum and Kanban boards exist within the same project.
- 82675: Fixed an issue where a missing epic link caused an error in the Jira connector.
- 81996: Fixed an issue where synchronizing artifacts with unexpected values in the watchers field caused an error.
- 81902: Fixed an issue where repository locations ending with '/' caused an error during synchronization.
- 81494: Fixed an issue encountered when processing large amounts of content within Jira table cells.
- 85187: Fixed an issue in the Jira connector where repository proxy settings, if configured, were not being used when the authentication method 'Authentication Chain: Basic Authentication with Two Way SSL' was selected.

## BMC Remedy

- 84136: Fixed an issue in the BMC Remedy connector that prevented work order artifacts from integrating when a user assigned to the 'customer' field was deleted from the Remedy user database.
- 82829: BMC Remedy connector can now synchronize artifacts that contain person fields where multiple users have the same name. Assignee for Incident is now writeable on update.
- 81661: Fixed an issue where attachments were not synchronizing to BMC Remedy Work Orders. Please see Upgrade Notes for additional details.
- 83258: Updated how URLs are constructed for all supported artifact types in the BMC Remedy connector. URLs now point to a view of the artifact that is more consistent with how it would typically appear in Remedy's web UI.

## CA Agile Central (Rally)

- 82427: Connector can parse HTML in successful response messages.
- 69081: Improved CA Agile Central error messages for better readability.

## CA PPM

- 83874: Fixed an issue that prevented users from synchronizing CA PPM incidents when some investments had a blank 'name' field (making it impossible to retrieve field options for the 'Investments' field). Now, when there is a blank 'name' field, the ID is used.
- 83838: Fixed an issue where invalid page size sent from newer versions of CA PPM lead to errors regarding duplicate items.
- 81437: CA PPM NSQL Query for Tasktop\_SearchTasks has been updated to prevent sub-projects from being captured in the query. See Connector Documentation for details.

## GitLab Issues

- 82720: Fixed an issue where the GitLab connector would not return all projects or users.

## IBM Rational DOORS Next Generation

- 84924: Identified a cipher compatibility issue between the latest version of the Java Runtime Environment bundle provided by Tasktop and older versions of IBM Rational Team Concert and Rational Doors Next Generation. If Tasktop fails to connect to the target repositories due to an error that includes the text, 'Received fatal alert: handshake\_failure', consult the upgrade notes for a description of how to resolve the problem.
- 83846: Embedded artifact links from IBM RDNG Requirement primary text fields will no longer be empty when synchronized to another system.
- 81905: Jazz OAuth has been fixed for split server authentication.
- 84781: Fixed an issue where the artifact location URL or root folder relationships could be wrong when configuration management was turned on.
- 84781: Fixed an issue where the artifact location URL or root folder relationships could be wrong when configuration management was turned on.

## IBM Rational Team Concert

- 84623: Fixed an issue where line breaks would not be preserved when synchronizing rich text content between two IBM RTC repositories.
- 84343: An error will now be thrown when a conditional state transition is attempted without the necessary preconditions.
- 84924: Identified a cipher compatibility issue between the latest version of the Java Runtime Environment bundle provided by Tasktop and older versions of IBM Rational Team Concert and Rational Doors Next Generation. If Tasktop fails to connect to the target repositories due to an error that includes the text, 'Received fatal alert: handshake\_failure', consult the upgrade notes for a description of how to resolve the problem.
- 84756: Fixed an issue where stale authentication state may not be detected and instead of automatic re-authentication, an error appeared.

## Jama

- 83383: Fixed an issue in Jama that prevented sets from showing up on the Artifact Routing screen for text item integrations.
- 80568: Fixed an issue where Jama connector would overwrite changes made to artifact in a separate, more recent change.
- 82809: Fixed version detection against Jama cloud instance.
- 81782: Fixed an issue in Jama that would prevent synchronization due to users with no display name.
- 81432: Jama connector now allows a greater range of unicode characters in Jama attachment file names.

## Micro Focus ALM (HPE)

- 84080: Fixed an issue where a field (Test Set Folder Path) was writeable, but is actually an ALM internal field that should be read only.
- 83997: Fixed an issue where the Micro Focus ALM connector would make an extra request to the /attachments endpoint when retrieving artifacts.

- 83995: Reduced number of calls made to the the Micro Focus ALM /customization/entities/[type]/fields endpoint.
- 83708: Fixed an issue where requirement folders did not show up as available artifact types when creating a Container Collection, due to having non-standard names for requirement types in Micro Focus (HPE) ALM.
- 82618: Fixed an issue within the Micro Focus (HPE) ALM / QC connector which could prevent certain URL attachments from being detected.
- 81878: Fixed an issue where test runs of test instances in the root (default) test set could not be retrieved.
- 81494: Fixed an issue encountered when processing large amounts of content within Jira table cells.

## Micro Focus ALM Octane (HPE)

- 83993: Fixed the Micro Focus (HPE) ALM Octane connector to support Octane 12.55.32.68.
- 82670: Fixed an issue that prevented the Micro Focus ALM Octane connector from supporting ALM Octane versions 12.55.30 and up.
- 85480: Fixed an issue where the user could not authenticate using 'API Key Access' method through a proxy server.

## Micro Focus PPM (HPE)

- 81804: Fixed an issue in Micro Focus PPM (HPE) that caused an error when retrieving an item that had a restricted number field.
- 64360: 'Time Zone' dropdown field on the Repository Connection screen is now sorted by UTC offset.

## Microsoft Project Server

- 83549: Fixed an issue where worklogs failed to update in Microsoft Project Server Online.

## Microsoft Team Foundation Server

- 81750: Improved the error message for scenarios where Tasktop attempts to retrieve an artifact from a TFS project collection that has been closed (stopped).
- 79307: Fixed an issue where retrieving too many query results would hit a limit.

## QASymphony qTest Manager

- 82872: Fixed exceptions caused by API changes in QASymphony SaaS service.

## Salesforce

- 82545: Fixed an issue with the Salesforce connector where attachments larger than 5 MB could not be synchronized.

## ServiceNow

- 84410: The item\_option\_new field can be parsed as either a simple string or as the JSON format.
- 84150: Fixed an issue where an incorrect response from ServiceNow prevented Tasktop from saving or loading pages.
- 82484: Fixed an issue where comments were retrieved for the wrong artifact in ServiceNow.
- 81896: Fixed an issue that caused users to get a NullPointerException when trying to create a collection.
- 81805: ServiceDesk formatted ID fields now have internal sys\_id values when 'number' column values are empty. Gateway integrations will work when posting either sys\_id or number field values.
- 68855: Improved a confusing error message for missing permissions in ServiceNow.
- 84408: Fixed an error that prevented artifacts from synchronizing by allowing ID fields to process simple strings or JSON payloads containing "value" entries.
- 84408: Fixed an error that prevented artifacts from synchronizing by allowing ID fields to process simple strings or JSON payloads containing "value" entries.

## Sparx Systems Pro Cloud Server

- 83584: Fixed an error that occurred when Sparx artifacts inside a package contained nested packages with duplicate names.

## Tricentis Tosca

- 84640: Improved performance of Tosca artifact retrieval.

## Features

### Tasktop Integration Hub Features

#### Activity & Issues

- 84061: Background jobs can now be filtered by status.
- 83576: Failed background jobs related to Tasktop upgrades now have a retry button.
- 81875: A 'Background Jobs' tab is now available on the Activity screen. Users can view progress on the following types of processes on the Background Jobs tab: Artifact Pair Import (when redeploying from Tasktop Sync), Integration Data Migration (when upgrading Tasktop versions), Project Replacement (when replacing invalid projects in Tasktop collections).
- 81400: A progress bar is now shown on the Background Jobs tab of the Activity screen.
- 80123: Added a tab where users can view and unignore previously ignored errors.
- 80122: Added a button to ignore errors on the Activity screen.

#### Collections

- 79983: Tasktop applies project replacements for invalid projects to all operational data stores.

## Container Synchronization

- 82471: Integration template name changed from 'Work Item Synchronization + Container Mirroring' to 'Container + Work Item Synchronization.'

## Field Flow

- 82978: Field flow screen now displays model fields in a column in the center.

## Integrations

- 83325: Added a screen for configuring change detection/full scan intervals for each collection in each integration. These settings will override the global change detection/full scan intervals if set.
- 82373: When attachment flow is enabled on a running integration, Tasktop will now flow all attachments on relevant artifacts (instead of only new attachments after attachment flow is enabled). If retrieving artifact information from an Artifact Pair file, Tasktop will initially retrieve attachments to ensure they are not duplicated.
- 82372: When comment flow is enabled on a running integration, Tasktop will now flow all comments on relevant artifacts (instead of only new comments after comment flow is enabled). If retrieving artifact information from an Artifact Pair file, Tasktop will initially retrieve comments to ensure they are not duplicated.
- 65502: Users will now see the last-selected view ("Landscape" or "List") when returning to the Integrations screen.

## Metrics

- 82905: User counts are now available for each integration and repository in the corresponding tables on the Metrics screen. Note that Tasktop begins to collect this data after installing this version of Tasktop.
- 82844: Users can now filter by model on the Metrics Dashboard. Metrics based on model are also displayed in a blue bar underneath the Artifacts Created and Artifact Updates counts.
- 82004: The Metrics screen now provides a unique URL based on the selected filters (for Tasktop editions that include filtering capabilities).

## Misc

- 83935: Tasktop's internal bundle has been upgraded from Tomcat 7 to Tomcat 8.5.

## Product Upgrades

- 83576: Failed background jobs related to Tasktop upgrades now have a retry button.
- 82546: User can have past activity migration complete successfully even in the face of repository-related errors.

- 82183: If a configuration migration fails, the user is now able to retry the migration through a button on the issues tab of the Activity screen.
- 82182: Integrations unrelated to a configuration migration error will no longer be prevented from starting.
- 80552: Migrations show up in the Background Jobs tab of the Activity screen. Integrations may start processing as soon as migration for that integration completes.

## Repositories

- 83843: For increased security, the 'Script (HTTP Cookies)' repository authentication method now allows the user to select the cookie script from a list, rather than being uploaded via the UI. Please see user guide for additional details.

## Settings

- 83372: The default full scan interval is now 24 hours. This change will not impact users who upgrade from earlier Tasktop versions unless they click the 'Restore Defaults' button on the Settings screen.
- 46711: Added functionality for email notifications for Tasktop errors and issues.

## Connector-Specific Features

### Atlassian Jira (REST)

- 84010: Added support for Jira Software and Jira Core version 7.10.
- 82588: A new authentication method, 'Authentication Chain: Basic Authentication with Two Way SSL' was added to the Jira connector to support authentication chaining between two-way SSL and basic authentication.
- 82152: Assignee field can now be written to, even when it is only editable in the Jira UI by using the 'Assign' or 'Assign to me' button.
- 82118: Added support for Jira Software and Jira Core version 7.9.

### BMC Remedy

- 82150: Improved performance for artifact filtering with the BMC Remedy connector.
- 85031: Users can read and write to the 'WO Type Field' 01 to 05 on Work Orders.

### GitHub Issues

- 81967: Added support for Milestones in GitHub.

### GitLab Issues

- 84009: Added support for GitLab version 10.8.
- 82821: Added support for GitLab version 10.7.

- 82119: Added support for GitLab version 10.6.

## **Jama**

- 83908: Added support for Jama version 8.25.

## **Microsoft Team Foundation Server**

- 83558: The TFS SDK and CLC libraries used by the TFS connector were upgraded from 14.120.0 to 14.1340.0.
- 82818: Added support for TFS version 2017 update 3.1.

## **Planview Enterprise**

- 84954: Added support for the Work ID field.
- 83565: Added Support for Planview version 14 and 15.
- 83183: Added support for Primary Planning Level as a container that can be synchronized.
- 82133: Improved performance for artifact filtering with the Planview Enterprise connector.

## **Planview LeanKit**

- 84241: The 'Leankit' connector has been rebranded as 'Planview LeanKit' with updated logo.
- 83420: LeanKit connector now supports connected card stats for child cards as read-only fields.

## **PTC Integrity Lifecycle Manager**

- 82472: PTC Integrity Lifecycle Manager connector has been added to Tasktop Integration Hub.

## **ServiceNow**

- 84142: ServiceNow connector disables comments and attachments features when it detects that the user does not have the required permissions.

## **SmartBear QAComplete**

- 84014: Added support for QAComplete version 11.8.

## **Solutions Business Manager (Serena)**

- 82786: Support for Release Trains (included in the Serena Release Control plugin) has been added to the Solutions Business Manager (Serena) Connector.
- 82403: Support for Release Packages (included in the Serena Release Control plugin) has been added to the Solutions Business Manager (Serena) Connector.



- 82402: Updated field type for fields which reference auxiliary tables from relationship(s) to single- or multi-select fields. Auxiliary Items (except SCM Associations) are no longer supported for Gateway Integrations.

## **Tricentis Tosca**

- 83542: Added support for Tricentis Tosca version 11.2.

## **VersionOne**

- 82839: Added support for VersionOne 18.1 (Spring 2018).
- 84937: Logo updated for 'VersionOne' connector.

## **Zendesk**

- 82053: Zendesk connector can map users by fields such as name, ID, and email.

# Tasktop Release Notes - 18.3.0.20180620-b378

Posted: June 20, 2018

- Upgrade Notes
  - Tasktop Integration Hub Upgrade Notes
    - Extensions
    - Misc
- Fixes
  - Tasktop Integration Hub Fixes
    - Gateway
    - Operational Database
    - Product Upgrades
    - Repositories
  - Connector-Specific Fixes
    - IBM Rational Team Concert
    - Microsoft Team Foundation Server
    - ServiceNow
- Features
  - Tasktop Integration Hub Fixes
    - Misc
  - Connector-Specific Features
    - Atlassian Jira (REST)
    - Planview LeanKit
    - ServiceNow

## Upgrade Notes

### Tasktop Integration Hub Upgrade Notes

#### Extensions

- 81704: Any fields utilized in an extension now must be mapped on the collection-to-model Field Mapping screen. To improve performance, fields that are not mapped to the model are no longer retrieved by Tasktop, and therefore are no longer available for use in an extension.

#### Misc

- 83935: Tasktop's internal bundle has been upgraded from Tomcat 7 to Tomcat 8.5. Customers with customized Tomcat configuration may have start-up issues if using the old customized configuration. Please contact Tasktop Support for assistance if needed.

## Fixes

### Tasktop Integration Hub Fixes

#### Gateway

- 84356: Fixed an issue where Modify via Gateway events failed when one or more projects in the collection failed to provide artifact schema.

#### Operational Database

- 83819: Added validation to Tasktop's database settings to ensure that the SQL Server instance has a case sensitive collation before initiating a database transfer.

#### Product Upgrades

- 83650: Fixed an issue that prevented some GitLab users from upgrading Tasktop.

#### Repositories

- 84538: Improved Repository Connection screen UI to accommodate Authentication Method types with long names.

### Connector-Specific Fixes

#### IBM Rational Team Concert

- 84343: An error will now be thrown when a conditional state transition is attempted without the necessary preconditions.

#### Microsoft Team Foundation Server

- 79307: Fixed an issue where retrieving too many query results would hit a limit.

#### ServiceNow

- 84150: Fixed an issue where an incorrect response from ServiceNow prevented Tasktop from saving or loading pages.

## Features

### Tasktop Integration Hub Fixes

#### Misc

- 83935: Tasktop's internal bundle has been upgraded from Tomcat 7 to Tomcat 8.5.

### Connector-Specific Features

#### Atlassian Jira (REST)

- 82588: A new authentication method, 'Authentication Chain: Basic Authentication with Two Way SSL' was added to the Jira connector to support authentication chaining between two-way SSL and basic authentication.

#### Planview LeanKit

- 84241: The 'Leankit' connector has been rebranded as 'Planview LeanKit' with updated logo.

#### ServiceNow

- 84142: ServiceNow connector disables comments and attachments features when it detects that the user does not have the required permissions.

# Tasktop Release Notes - 18.3.0.20180611-b367

Posted: June 12, 2018

- Upgrade Notes
  - Tasktop Integration Hub Upgrade Notes
    - Extensions
  - Connector-Specific Upgrade Notes
    - Micro Focus ALM (HPE)
    - Micro Focus ALM Octane (HPE)
    - Microsoft Team Foundation Server
- Fixes
  - Tasktop Integration Hub Fixes
    - Activity and Issues
    - Extensions
    - Integrations
    - Repositories
    - State Transitions
  - Connector-Specific Fixes
    - Atlassian Jira (REST)
    - BMC Remedy
    - CA PPM
    - Jama
    - Micro Focus ALM (HPE)
    - Micro Focus ALM Octane (HPE)
    - ServiceNow
- Features
  - Tasktop Integration Hub Features
    - Activity and Issues
    - Field Flow
    - Integrations
    - Metrics
  - Connector-Specific Features
    - BMC Remedy
    - Leankit
    - Microsoft Team Foundation Server
    - ServiceNow

## Upgrade Notes

### Tasktop Integration Hub Upgrade Notes

## Extensions

- 81704: Any fields utilized in an extension now must be mapped on the collection-to-model Field Mapping screen. To improve performance, fields that are not mapped to the model are no longer retrieved by Tasktop, and therefore are no longer available for use in an extension.

## Connector-Specific Upgrade Notes

### Micro Focus ALM (HPE)

- 84080: The 'Test Set Folder Path' field is now read only. Any mapping that writes to that field should be removed or changed to flow one way from ALM.

### Micro Focus ALM Octane (HPE)

- 83993: Due to an API change on Micro Focus' end, the following fields (which were previously read only) are no longer supported: Requirement Coverage (on any test items), Run (on Test Suites, Automated Tests, Gherkin Tests, and Manual Tests), Automated Test (on Gherkin Tests), and Children (on Requirement Documents or Requirement Folders).

### Microsoft Team Foundation Server

- 83558: Customers will need to download and install the TFS SDK and CLC 14.134.0 libraries to replace version 14.120.0 libraries.

## Fixes

### Tasktop Integration Hub Fixes

#### Activity and Issues

- 83641: Fixed an issue where Tasktop may experience errors and stop processing an integration which had artifact filtering configured and a stale cache.
- 81378: Fixed an issue where Tasktop may surface database deadlock errors when scheduling events for processing.

#### Extensions

- 81597: Improved the Extension Code widget to expand with the screen for long scripts.

#### Integrations

- 84071: Fixed an issue that could prevent synchronizing an artifact when a relationships field was mapped with multiple integrations configured.
- 83925: Fixed issue where a row on the integrations screen extended beyond the width of the page.

## Repositories

- 83871: Fixed an issue where updating a repository to use a file based authentication scheme (eg. Cookie Script) from a non-file based authentication scheme (eg. Username and Password) would fail in Tasktop.

## State Transitions

- 83185: Improved text on State Transition screen when no state transitions are configured for a collection.

## Connector-Specific Fixes

### Atlassian Jira (REST)

- 83797: Fixed an issue where users would see an "Unable to parse response" error when creating a Jira repository connection.

### BMC Remedy

- 84136: Fixed an issue in the BMC Remedy connector that prevented work order artifacts from integrating when a user assigned to the 'customer' field was deleted from the Remedy user database.

### CA PPM

- 83874: Fixed an issue that prevented users from creating CA PPM incident collections when some investments had a blank 'name' field (making it impossible to retrieve field options for the 'Investments' field). Now, when there is a blank 'name' field, the ID is used.
- 83838: Fixed an issue where invalid page size sent from newer versions of CA PPM lead to errors regarding duplicate items.

### Jama

- 83383: Fixed an issue in Jama that prevented sets from showing up on the Artifact Routing screen for text item integrations.
- 80568: Fixed an issue where Jama connector would overwrite changes made to artifact in a separate, more recent change.

## Micro Focus ALM (HPE)

- 84080: Fixed an issue where a field (Test Set Folder Path) was writeable, but is actually an ALM internal field that should be read only.
- 83997: Fixed an issue where the Micro Focus ALM connector would make an extra request to the /attachments endpoint when retrieving artifacts.
- 83995: Reduced number of calls made to the the Micro Focus ALM /customization /entities/[type]/fields endpoint.
- 83708: Fixed an issue where Requirement Folders did not show up as available artifact types when creating a Container Collection, due to having non-standard names for requirement types in Micro Focus (HPE) ALM.

## Micro Focus ALM Octane (HPE)

- 84007: Fixed an issue that prevented the Micro Focus ALM Octane connector from supporting ALM Octane versions 12.55.30 and up.
- 83993: Fixed the Micro Focus (HPE) ALM Octane connector to support Octane 12.55.32.68.

## ServiceNow

- 68855: Improved a confusing error message for missing permissions in ServiceNow.

## Features

### Tasktop Integration Hub Features

#### Activity and Issues

- 84061: Background jobs can now be filtered by status.
- 83576: Failed background jobs related to Tasktop upgrades now have a retry button.
- 81875: A 'Background Jobs' tab is now available on the Activity screen. Users can view progress on the following types of processes on the Background Jobs tab: Artifact Pair Import (when redeploying from Tasktop Sync), Integration Data Migration (when upgrading Tasktop versions), Project Replacement (when replacing invalid projects in Tasktop collections).
- 81400: A progress bar is now shown on the Background Jobs tab of the Activity screen.

#### Field Flow

- 82978: Field flow screen now displays model fields in a column in the center.

## Integrations



- 82373: When attachment flow is enabled on a running integration, Tasktop will now flow all attachments on relevant artifacts (instead of only new attachments after attachment flow is enabled). If retrieving artifact information from an Artifact Pair file, Tasktop will initially retrieve attachments to ensure they are not duplicated.

## Metrics

- 82905: User counts are now available for each integration and repository in the corresponding tables on the Metrics screen. Note that Tasktop begins to collect this data after installing this version of Tasktop.

## Connector-Specific Features

### BMC Remedy

- 82150: Improved performance for artifact filtering with the BMC Remedy connector.

### Leankit

- 83420: LeanKit connector now supports connected card stats for child cards as read-only fields.

### Microsoft Team Foundation Server

- 83558: The TFS SDK and CLC libraries used by the TFS connector were upgraded from 14.120.0 to 14.1340.0.
- 82818: Added support for TFS version 2017 update 3.1.
- 81793: Added support for TFS version 2018 Update 2.

### ServiceNow

- 83787: ServiceNow integrations that do not involve comments or attachments will no longer fail when the repository user does not have permission to access comments or attachments.

# Tasktop Release Notes - 18.3.0.20180528-b353

Posted: May 28, 2018

- Upgrade Notes
  - Tasktop Integration Hub Upgrade Notes
    - Extensions
  - Connector-Specific Upgrade Notes
    - BMC Remedy
    - Solutions Business Manager (Serena)
- Fixes
  - Tasktop Integration Hub Fixes
  - Connector-Specific Fixes
    - Atlassian Jira (REST)
    - BMC Remedy
    - CA Agile Central (Rally)
    - GitHub Issues
    - GitLab Issues
    - Jama
    - Micro Focus ALM (HPE)
    - Micro Focus ALM Octane (HPE)
    - Microsoft Project Server
    - QASymphony qTest Manager
    - Salesforce
    - ServiceNow
- Features
  - CA Agile Central (Rally)
  - CA PPM
  - Collections
  - Container Synchronization
  - Integrations
  - Metrics
  - Micro Focus ALM Octane (HPE)
  - Microsoft Project Server
  - Planview Enterprise
  - Product Upgrades
  - Settings
  - Solutions Business Manager (Serena)
  - Work Item Synchronization
  - Zendesk

## Upgrade Notes

### Tasktop Integration Hub Upgrade Notes

#### Extensions

- 81704: Any fields utilized in an extension now must be mapped on the collection-to-model Field Mapping screen. To improve performance, fields that are not mapped to the model are no longer retrieved by Tasktop, and therefore are no longer available for use in an extension.

### Connector-Specific Upgrade Notes

#### BMC Remedy

- 82829: BMC Remedy connector requires the newest customized web services for all types (Problem, Incident, Change, and Work Order) when upgrading to this version. See Connector Documentation for details.

#### Solutions Business Manager (Serena)

- 82402: Fields which reference auxiliary tables which were previously relationship(s) fields are now single- or multi-select fields. These fields will need to be manually re-mapped in Tasktop.

## Fixes

### Tasktop Integration Hub Fixes

- 83295: Fixed an issue where attachments flowing from the DOORS connector were duplicated in the target system every time a DOORS item was processed.
- 83202: Fixed an issue where the Artifact Routing screen would be slow to load when a collection had many containers.
- 83164: Fixed an issue where some integrations resulted in an error when flowing artifacts with filters set on fields that contain no value.
- 83080: Fixed an issue where partial change detection scan completion could remove a full scan request.
- 83032: Improved performance for repository queries.
- 82638: Updated message displayed when no state transitions are configured for a collection.
- 82622: Fixed an issue on the Metrics Dashboard where "# Artifacts Created" and "# Artifact Updates" values were reversed in the Cumulative Artifact Processing Counts for Repositories.
- 82585: Empty string can be transformed to single select by ID or label value in field mapping.
- 82479: Fixed an issue where extensions could not be saved if comments included a required function signature.
- 82392: Fixed an issue where filter options could not be selected on the Metrics screen.
- 81690: Fixed an issue where Tasktop may experience errors attempting to remove and add relationships at the same time under certain circumstances.

- 79949: Tasktop's activity filters are now contained in a separate panel which can be shown or hidden.
- 78062: Confirmation dialogs in Tasktop no longer display values previously selected after exiting out of and reopening the dialogs.

## Connector-Specific Fixes

### Atlassian Jira (REST)

- 83096: Fixed an issue with listing Sprint options on Jira work items when Scrum and Kanban boards exist within the same project.
- 82675: Fixed an issue where a missing epic link caused an error in the Jira connector.
- 81494: Fixed an issue encountered when processing large amounts of content within Jira table cells.

### BMC Remedy

- 83258: Fixed incorrect URLs for BMC Remedy Work Order and Incident artifacts.
- 82829: BMC Remedy connector can now synchronize artifacts that contain person fields where multiple users have the same name. Assignee for Incident is now writeable on update.

### CA Agile Central (Rally)

- 82427: Connector can parse HTML in successful response messages.

### GitHub Issues

- 81967: Added support for Milestones in GitHub.

### GitLab Issues

- 82720: Fixed an issue where the GitLab connector would not return all projects or users.

### Jama

- 82809: Fixed version detection against Jama cloud instance.
- 81432: Jama connector now allows a greater range of unicode characters in Jama attachment file names.

### Micro Focus ALM (HPE)

- 82618: Fixed an issue within the Micro Focus (HPE) ALM / QC connector which could prevent certain URL attachments from being detected.

## Micro Focus ALM Octane (HPE)

- 82670: Fixed an issue that prevented the Micro Focus ALM Octane connector from supporting ALM Octane versions 12.55.30 and up.

## Microsoft Project Server

- 83549: Fixed an issue where worklogs failed to update in Microsoft Project Server Online.

## QASymphony qTest Manager

- 82872: Fixed exceptions caused by API changes in QASymphony SaaS service.

## Salesforce

- 82545: Fixed an issue with the Salesforce connector where attachments larger than 5 MB could not be synchronized.

## ServiceNow

- 82484: Fixed an issue where comments were retrieved for the wrong artifact in ServiceNow.

## Features

### Atlassian Jira (REST)

- 82152: Assignee field can now be written to, even when it is only editable in the Jira UI by using the 'Assign' or 'Assign to me' button.
- 60914: In Jira version 7.2 and greater with the Agile plugin, sprints will now appear in the field mapping options.

### CA Agile Central (Rally)

- 80749: Person Reconciliation for user e-mails is no longer case sensitive.

### CA PPM

- 81427: Added support for CA PPM version 15.4.

### Collections

- 79983: Tasktop applies project replacements for invalid projects to all operational data stores.

## Container Synchronization

- 82471: Integration template name changed from 'Work Item Synchronization + Container Mirroring' to 'Container + Work Item Synchronization.'

## Integrations

- 83325: Added a screen for configuring change detection/full scan intervals for each collection in each integration. These settings will override the global change detection /full scan intervals if set.
- 65502: Users will now see the last-selected view ("Landscape" or "List") when returning to the Integrations screen.

## Metrics

- 82844: Users can now filter by model on the Metrics Dashboard. Metrics based on model are also displayed in a blue bar underneath the Artifacts Created and Artifact Updates counts.

## Micro Focus ALM Octane (HPE)

- 81358: The Micro Focus (HPE) ALM Octane connector now supports Requirement Folders and Documents.

## Microsoft Project Server

- 80771: Person Reconciliation for person fields is no longer case sensitive.

## Planview Enterprise

- 82133: Improved performance for artifact filtering with the Planview connector.

## Product Upgrades

- 82546: User can have past activity migration complete successfully even in the face of repository-related errors.
- 82183: If a configuration migration fails, the user is now able to retry the migration through a button on the issues tab of the Activity screen.
- 82182: Integrations unrelated to a configuration migration error will no longer be prevented from starting.

## Settings

- 83372: The default full scan interval is now 24 hours. This change will not impact users who upgrade from earlier Tasktop versions unless they click the 'Restore Defaults' button on the Settings screen.

- 83246: Includes recommended security updates.

## **Solutions Business Manager (Serena)**

- 82402: Updated field type for fields which reference auxiliary tables from relationship (s) to single- or multi-select fields. Auxiliary Items (except SCM Associations) are no longer supported for Gateway Integrations.

## **Work Item Synchronization**

- 82372: When comment flow is enabled on a running integration, Tasktop will now flow all comments on relevant artifacts (instead of only new comments after comment flow is enabled). If retrieving artifact information from an Artifact Pair file, Tasktop will initially retrieve comments to ensure they are not duplicated.

## **Zendesk**

- 82053: Zendesk connector can map users by fields such as name, ID, and email.

# Tasktop Release Notes - 18.3.0.20180418-b306

Posted: April 19, 2018

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - BMC Remedy
    - CA Clarity PPM
    - Micro Focus ALM Octane
- Fixes
  - Tasktop Integration Hub Fixes
  - Connector-Specific Fixes
    - Atlassian Jira (REST)
    - BMC Remedy
    - CA Clarity PPM
    - IBM Rational Requirements Composer / DOORS Next Generation
    - Jama (SOAP/REST)
    - Micro Focus ALM / QC (REST)
    - Microsoft Sharepoint
    - Microsoft TFS
    - ServiceNow
- Features
  - Activity and Issues
  - Collections: Repository
  - GitLab Issues
  - Micro Focus ALM / QC (REST)
  - Platform

## Upgrade Notes

### Connector-Specific Upgrade Notes

#### BMC Remedy

- 81661: To flow attachments into BMC Remedy Work Orders, an updated Work Orders Custom Web Services Definition File (tasktop-workorder-customization.def) must be downloaded and imported into BMC Remedy. See Connector Documentation for details.

#### CA Clarity PPM



- 81437: The CA PPM NSQL Query for Tasktop\_SearchTasks should be updated to prevent sub-projects from being captured in the query. See Connector Documentation for details.

## Micro Focus ALM Octane

- 82011: After upgrading from Tasktop 18.3.0.20180405-b291, Octane repositories that are version 12.55.8 and higher will have a temporary increase in artifacts being synchronized, as the way Tasktop detects changes in Octane artifacts has been updated. Upgrading from earlier Tasktop versions will not introduce updates in how changes are detected.

## Fixes

### Tasktop Integration Hub Fixes

- 82177: Fixed an issue where renamed Jira projects would be flagged as invalid.
- 81956: Fixed an issue where configured artifact filters were not shown in the Tasktop UI. The issue occurred if one side of an integration was configured to not accept new artifacts, and a filter was configured for the other side to apply on creation and update.
- 81716: Fixed an issue where the 'Process All Artifacts' button would not flow field values for newly mapped fields.
- 81686: Fixed an issue where posting to gateway integrations could fail when a repository's authentication state had expired.
- 80100: Fixed an issue where the Integrations screen was inaccessible due to errors in a collection.
- 76973: Improved error message when formatted ID search is not available.
- 76771: Fixed an issue where mapped options of a collection went off the screen if the name was too long.
- 76496: Fixed an issue where artifacts which were previously not processed due to artifact filtering would not be processed after removing the filter and clicking the 'Process All Artifacts' button.

### Connector-Specific Fixes

#### Atlassian Jira (REST)

- 81996: Fixed an issue where synchronizing artifacts with unexpected values in the watchers field caused an error.
- 81902: Fixed an issue where repository locations ending with '/' caused an error during synchronization.

#### BMC Remedy

- 81661: Fixed an issue where attachments were not synchronizing to BMC Remedy Work Orders. Please see Upgrade Notes for additional details.

#### CA Clarity PPM

- 81437: CA PPM NSQL Query for Tasktop\_SearchTasks has been updated to prevent sub-projects from being captured in the query.

## IBM Rational Requirements Composer / DOORS Next Generation

- 81905: Jazz OAuth has been fixed for split server authentication.

## Jama (SOAP/REST)

- 81782: Fixed an issue in Jama that would prevent synchronization due to users that don't have a display name.

## Micro Focus ALM / QC (REST)

- 81878: Fixed an issue where test runs of test instances in the root (default) test set could not be retrieved.

## Microsoft Sharepoint

- 81749: Person Reconciliation for person fields is no longer case sensitive.

## Microsoft TFS

- 81750: Improved the error message for scenarios where Tasktop attempts to retrieve an artifact from a TFS project collection that has been closed (stopped).

## ServiceNow

- 81896: Fixed an issue that caused users to get a NullPointerException when trying to create a collection.

## Features

### Activity and Issues

- 80123: Added a screen where users can view and unignore previously ignored errors.
- 80122: Added a button to ignore errors on the Activity screen.

### Collections: Repository

- 79984: Tasktop now displays an issue on the Activity screen when there is a long running process that blocks integrations from running.

## GitLab Issues

- 81733: Fixed an issue where deleting a GitLab issue before updating to a newer version of Tasktop could cause an error.
- 81732: Added support for GitLab versions 10.1, 10.2, 10.3, 10.4 & 10.5.

## Micro Focus ALM / QC (REST)

- 80595: 'HP ALM SaaS (Ping Federate)' authentication method has been renamed 'SaaS (Ping Federate).'

## Platform

- 82004: The Metrics screen now provides a unique URL based on the selected filters (for Tasktop editions that include filtering capabilities).
- 81843: Tasktop can be upgraded while long running processes are waiting to be executed.
- 80127: When importing artifact pairs, Tasktop now presents the user with the option to retrieve missing artifact information from the repositories.

# Tasktop Release Notes - 18.3.0.20180405-b291

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## Upgrade Notes

### Connector-Specific Upgrade Notes

#### Micro Focus ALM / QC (REST)

- 81600: A new field titled 'Override Comment Time Zone' was added to the repository connection settings for the Micro Focus ALM connector. This field allows for manually specifying the time zone to be used when determining the creation date of comments retrieved from Micro Focus ALM. If no value is provided, the time zone used will default to local system time. Prior to making any changes to the time zone of the Tasktop service, it is recommended that this value be set for any existing integrations involving comments. If this value is not set and the Tasktop service time zone is changed, comments already processed may be duplicated.

#### Micro Focus ALM Octane

- 81385: After upgrading Tasktop, Octane repositories that are version 12.55.8 and higher will have a temporary increase in artifacts being synchronized, as the way Tasktop detects changes in Octane artifacts has been updated.

#### Microsoft TFS

- 77905: If a user saved a Personal Access Token in a previous version of Tasktop Integration Hub, the value of that token will be retained during an upgrade. Personal Access Token authentication will be selected.

## Fixes

### Tasktop Integration Hub Fixes

- 81601: Fixed an issue where users would not be able to use the “Process All Artifacts” button when using Oracle or SQL Server 2008 as their operational database.
- 81579: Fixed a problem importing artifact associations when multiple repositories have the same location.
- 81566: Read-only connectors can now be used in container mirroring.
- 80985: Fixed a problem where some log messages in the log file are indented.

## Connector-Specific Fixes

### Atlassian Jira (REST)

- 81576: Fixed an issue where the Jira connector could not properly retrieve translated issues.

### BMC Remedy

- 81419: Fixed an issue in BMC Remedy where the connector could report “User not found” if the search crossed an empty boundary condition.

### CA Agile Central (Rally)

- 69081: CA Agile Central connector no longer displays the full HTML error message when an unexpected connector error occurs.

### IBM Rational DOORS

- 81592: Fixed an issue where the IBM DOORS connector assumed all dates were against the UTC timezone.

### Jama (SOAP/REST)

- 81432: Jama connector now allows a greater range of unicode characters in Jama attachment file names.

### Micro Focus ALM / QC (REST)

- 81600: A new field titled ‘Override Comment Time Zone’ was added to the repository connection settings for the Micro Focus ALM connector. This field allows for manually specifying the time zone to be used when determining the creation date of comments retrieved from Micro Focus ALM. If no value is provided, the time zone used will default to local system time. See connector documentation for further information.

### Micro Focus PPM

- 81804: Fixed a problem in Micro Focus PPM (HPE) that caused an error when retrieving an item that had a restricted number field.
- 64360: ‘Time Zone’ dropdown field on the Repository Connection screen is now sorted by UTC offset.

### ServiceNow

- 81805: ServiceDesk formatted ID fields now have internal sys\_id values when 'number' column values are empty. Gateway integrations will work when posting either sys\_id or number field values.

## Features

### Collections: Container

- 81395: User is able to continue to use integrations where the underlying artifact type has been changed from a work item to a container.

### Collections: Repository

- 80048: A configuration-changes auditing log file containing Tasktop configuration changes along with the user who made them is now available as part of the Support & Usage Report.

### IBM Rational RequisitePro

- 81678: Renamed "IBM RequisitePro" as "IBM Rational RequisitePro".

### Micro Focus ALM Octane

- 81385: Optimistic locking is supported for the Micro Focus ALM Octane connector for Octane versions 12.55.8 and higher. This means that Tasktop can ensure that updates made to artifacts reflect the most up-to-date information. A Tasktop error will be provided if the artifact information received is not up-to-date.

### Microsoft SharePoint

- 80703: SharePoint connector now supports attachment synchronization.

### Microsoft TFS

- 77905: Authentication via Personal Access Token to Microsoft Team Foundation Server and Microsoft Visual Studio Team Services is now properly supported.

### Platform

- 80127: When importing artifact pairs, Tasktop now presents the user with the option to retrieve missing artifact information from the repositories.
- 80126: Users can view information about an artifact association import file before importing.

### Whitehat Sentinel

- 81001: Asset (Application) and Asset (Site) are now supported as containers that can be synchronized.
- 81111: Tags on Assets (Applications and Sites) can now be retrieved and updated.