

1. 4.15 Release Notes .....	2
1.1 Tasktop Sync Release Notes - 4.15.35 .....	3
1.2 Tasktop Sync Release Notes - 4.15.32 .....	4
1.3 Tasktop Sync Release Notes - 4.15.31 .....	5
1.4 Tasktop Sync Release Notes - 4.15.30 .....	7
1.5 Tasktop Sync Release Notes - 4.15.29 .....	8
1.6 Tasktop Sync Release Notes - 4.15.28 .....	9
1.7 Tasktop Sync Release Notes - 4.15.26 .....	12
1.8 Tasktop Sync Release Notes - 4.15.25 .....	13
1.9 Tasktop Sync Release Notes - 4.15.23 .....	14
1.10 Tasktop Sync Release Notes - 4.15.20 .....	15
1.11 Tasktop Sync Release Notes - 4.15.19 .....	16
1.12 Tasktop Sync Release Notes - 4.15.18 .....	17
1.13 Tasktop Sync Release Notes - 4.15.17 .....	19
1.14 Tasktop Sync Release Notes - 4.15.16 .....	20
1.15 Tasktop Sync Release Notes - 4.15.15 .....	22
1.16 Tasktop Sync Release Notes - 4.15.14 .....	23
1.17 Tasktop Sync Release Notes - 4.15.13 .....	24
1.18 Tasktop Sync Release Notes - 4.15.12 .....	25
1.19 Tasktop Sync Release Notes - 4.15.11 .....	26
1.20 Tasktop Sync Release Notes - 4.15.10 .....	27
1.21 Tasktop Sync Release Notes - 4.15.9 .....	29
1.22 Tasktop Sync Release Notes - 4.15.8 .....	30
1.23 Tasktop Sync Release Notes - 4.15.7 .....	31
1.24 Tasktop Sync Release Notes - 4.15.5 .....	32
1.25 Tasktop Sync Release Notes - 4.15.4 .....	33
1.26 Tasktop Sync Release Notes - 4.15.3 .....	34
1.27 Tasktop Sync Release Notes - 4.15.2 .....	36

## 4.15 Release Notes

- [Tasktop Sync Release Notes - 4.15.35](#)
- [Tasktop Sync Release Notes - 4.15.32](#)
- [Tasktop Sync Release Notes - 4.15.31](#)
- [Tasktop Sync Release Notes - 4.15.30](#)
- [Tasktop Sync Release Notes - 4.15.29](#)
- [Tasktop Sync Release Notes - 4.15.28](#)
- [Tasktop Sync Release Notes - 4.15.26](#)
- [Tasktop Sync Release Notes - 4.15.25](#)
- [Tasktop Sync Release Notes - 4.15.23](#)
- [Tasktop Sync Release Notes - 4.15.20](#)
- [Tasktop Sync Release Notes - 4.15.19](#)
- [Tasktop Sync Release Notes - 4.15.18](#)
- [Tasktop Sync Release Notes - 4.15.17](#)
- [Tasktop Sync Release Notes - 4.15.16](#)
- [Tasktop Sync Release Notes - 4.15.15](#)
- [Tasktop Sync Release Notes - 4.15.14](#)
- [Tasktop Sync Release Notes - 4.15.13](#)
- [Tasktop Sync Release Notes - 4.15.12](#)
- [Tasktop Sync Release Notes - 4.15.11](#)
- [Tasktop Sync Release Notes - 4.15.10](#)
- [Tasktop Sync Release Notes - 4.15.9](#)
- [Tasktop Sync Release Notes - 4.15.8](#)
- [Tasktop Sync Release Notes - 4.15.7](#)
- [Tasktop Sync Release Notes - 4.15.5](#)
- [Tasktop Sync Release Notes - 4.15.4](#)
- [Tasktop Sync Release Notes - 4.15.3](#)
- [Tasktop Sync Release Notes - 4.15.2](#)

# Tasktop Sync Release Notes - 4.15.35

Posted: July 11, 2019

- Fixes
  - Sync Fixes
    - Server

## Fixes

### Sync Fixes

### Server

- 96720: Resolved an issue causing a background task to pop up the task list indexer dialog window.

# Tasktop Sync Release Notes - 4.15.32

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 Sync Release Notes - 4.15.31

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 connection must have the 'browse users and groups' permission granted.
  - The auto-comment user name will need to be manually changed to accountid for any existing and new Zephyr Cloud mappings. By default, Sync is using the username from repository settings as auto-comment user when creating new mappings. If repository settings do not specify username (for example, when email + API token authentication is used), the auto-comment user field will be empty. In either case, in order to be used by Sync, it will need to be replaced with a valid accountid. Behavior for Zephyr On Premise is unchanged.
  - Any task mappings for Zephyr Cloud that map person attributes without using a person-mapping.xml file will no longer work. A person-mapping.xml file will be required. Behavior for Zephyr On Premise is unchanged.
  - All usernames in the person-mapping.xml files related to Zephyr Cloud mappings will need to be replaced with Jira accountIDs. Behavior for Zephyr On Premise is unchanged.
  - Any existing person-mapping.xml files with field-based person mapping using Jira Cloud's person-id or person-username fields will no longer work. These will need to be changed to use a different Jira person field, such as person-email. Behavior for Zephyr On Premise is unchanged.
  - The mapping scripts will be passed the Jira accountID as an argument when mapping Jira Cloud users, and will need to be updated accordingly. Behavior for Zephyr On Premise is unchanged.
  - If there are field mappings that map Jira Cloud person fields to a string field, 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'). A custom caster script can be used to flow the display name to a string field. Behavior for Zephyr On Premise is unchanged.

## 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 Sync Release Notes - 4.15.30

Posted: March 05, 2019

- Fixes
  - Sync Fixes
    - General

## Fixes

### Sync Fixes

### General

- 91160: Fixed an issue where the wrong error message was displayed when a user was not found.

# Tasktop Sync Release Notes - 4.15.29

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 Sync Release Notes - 4.15.28

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 connection must have the 'browse users and groups' permission granted.
  - The auto-comment username will need to be manually changed to accountid for any existing and new Jira Cloud mappings. By default, Sync is using the username from repository settings as auto-comment user when creating new mappings. If repository settings do not specify username (for example, when email + API token authentication is used), the auto-comment user field will be empty. In either case, in order to be used by Sync, it must be replaced with a valid accountid. Behavior for Jira On Premise is unchanged.
  - Any task mappings for Jira Cloud that map person attributes without using a person-mapping.xml file will no longer work. A person-mapping.xml file will be required. Behavior for Jira On Premise is unchanged.

- All usernames in the person-mapping.xml files related to Jira Cloud mappings must be replaced with Jira accountIDs. Behavior for Jira On Premise is unchanged.
- Any existing person-mapping.xml files with field-based person mapping using Jira Cloud's person-id or person-username fields will no longer work. These must be changed to use a different Jira person field, such as person-email. Behavior for Jira On Premise is unchanged.
- The mapping scripts will be passed the Jira accountID as an argument when mapping Jira Cloud users, and will need to be updated accordingly. Behavior for Jira On Premise is unchanged.
- If there are field mappings that map Jira Cloud person fields to a string field, 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'). A custom caster script can be used to flow the display name to a string field. Behavior for Jira On Premise is unchanged.

## 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 Sync Release Notes - 4.15.26

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 Sync Release Notes - 4.15.25

Posted: January 16, 2019

- Fixes
  - Sync Fixes
    - Server
  - Connector-Specific Fixes
    - Micro Focus ALM Octane (HPE)
    - Microsoft Team Foundation Server
    - Salesforce

## Fixes

### Sync Fixes

#### Server

- 91654: Fixed a rare issue that caused excessive CPU utilization in long-running Sync processes.

### 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 Sync Release Notes - 4.15.23

Posted: January 02, 2019

- Fixes
  - Sync Fixes
    - Studio

## Fixes

### Sync Fixes

### Studio

- 91258: Fixed an issue that prevented users from exporting state from Tasktop Sync to import into Tasktop Integration Hub if mapping's name contained special characters.

# Tasktop Sync Release Notes - 4.15.20

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 Sync Release Notes - 4.15.19

Posted: November 14, 2018

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

## Fixes

### 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 Sync Release Notes - 4.15.18

Posted: November 06, 2018

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

## Fixes

### Sync Fixes

#### Server

- 89552: Fixed the issue with Change Repository URL wizard layout.

### 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 Sync Release Notes - 4.15.17

Posted: October 30, 2018

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

## 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.

# Tasktop Sync Release Notes - 4.15.16

Posted: October 23, 2018

- Fixes
  - Connector-Specific Fixes
    - [Atlassian Jira \(REST\)](#)
    - [Blueprint](#)
    - [GitHub Issues](#)
    - [IBM Rational ClearQuest](#)
    - [IBM Rational Team Concert](#)
    - [Microsoft Team Foundation Server](#)
    - [Tricentis Tosca](#)

## Fixes

### 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 Sync Release Notes - 4.15.15

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 Sync Release Notes - 4.15.14

Posted: October 02, 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 Sync Release Notes - 4.15.13

Posted: September 25, 2018

- Fixes
  - Connector-Specific Fixes
    - [Atlassian Jira \(REST\)](#)
    - [Jama](#)
    - [QASymphony qTest Manager](#)
    - [ServiceNow](#)

## Fixes

### 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 Sync Release Notes - 4.15.12

Posted: September 19, 2018

- Fixes
  - Connector-Specific Fixes
    - Jama

## Fixes

### Connector-Specific Fixes

#### Jama

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

# Tasktop Sync Release Notes - 4.15.11

Posted: September 11, 2018

- [Fixes](#)
  - [Sync Fixes](#)
    - [Bridge](#)
  - [Connector-Specific Fixes](#)
    - [GitHub Issues](#)
    - [Tricentis Tosca](#)

## Fixes

### Sync Fixes

#### Bridge

- 87488: Fixed "No non-null value found for variable" issue that blocked the synchronization of Jira items.

### 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 Sync Release Notes - 4.15.10

Posted: September 06, 2018

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - Salesforce
- Fixes
  - Sync Fixes
    - Bridge
  - 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

### Sync Fixes

#### Bridge

- 87488: Fixed "No non-null value found for variable" issue that blocked the synchronization of Jira items.

### 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 to remove the error.

#### Salesforce

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

# Tasktop Sync Release Notes - 4.15.9

Posted: August 31, 2018

- Fixes
  - Sync Fixes
    - Server
  - Connector-Specific Fixes
    - Micro Focus ALM (HPE)

## Fixes

### Sync Fixes

#### Server

- 87015: Fixed minor UI issue.

### 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 systems.
- 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 Sync Release Notes - 4.15.8

Posted: August 28, 2018

- [Fixes](#)
  - [Sync Fixes](#)
    - [Bridge](#)
  - [Connector-Specific Fixes](#)
    - [HP QC / ALM \(OTA/REST\)](#)

## Fixes

### Sync Fixes

#### Bridge

- 81898: Fixed "No non-null value found for variable" issue that blocked the synchronization of Jira items.

### Connector-Specific Fixes

#### HP QC / ALM (OTA/REST)

- 87262: Fixed an issue where the HP QC/ALM (Mylyn) connector would incorrectly report a failure and block synchronization when an artifact checkout was rolled back on ALM 12.01 or later.

# Tasktop Sync Release Notes - 4.15.7

Posted: August 24, 2018

- Features
  - Sync Features
    - Server

## Features

### Sync Features

### Server

- 80367: Added performance improvements and minor UI enhancements.

# Tasktop Sync Release Notes - 4.15.5

Posted: August 14, 2018

- [Fixes](#)
  - [Sync Fixes](#)
    - [General](#)
  - [Connector-Specific Fixes](#)
    - [QASymphony qTest Manager](#)

## Fixes

### Sync Fixes

#### General

- 86006: Added a configurable option to only email the most recent errors (up to 100) since the last notification job run. If this option is selected, the email will include a link to view all errors in Web UI.

### 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 Sync Release Notes - 4.15.4

Posted: August 08, 2018

- [Fixes](#)
  - [Connector-Specific Fixes](#)
    - [Atlassian Jira \(REST\)](#)
    - [QASymphony qTest Manager](#)
    - [Tricentis Tosca](#)

## Fixes

### 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.

#### Tricentis Tosca

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

# Tasktop Sync Release Notes - 4.15.3

Posted: July 31, 2018

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - CA PPM
- Fixes
  - Sync Fixes
    - Server
  - Connector-Specific Fixes
    - Atlassian Jira (REST)
    - CA PPM
    - GitHub Issues
    - IBM Rational Team Concert
    - Jama
- Features
  - Connector-Specific Features
    - Targetprocess

## Upgrade Notes

### Connector-Specific Upgrade Notes

#### 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.

## Fixes

### Sync Fixes

#### Server

- 85559: When conflicting attribute value is modified by a script, Tasktop now logs the value produced by the script as incoming value.

### 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.'

## 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 when creating RTC queries 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.

## Features

### Connector-Specific Features

#### Targetprocess

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

# Tasktop Sync Release Notes - 4.15.2

Posted: July 24, 2018

- Upgrade Notes
  - Connector-Specific Upgrade Notes
    - BMC Remedy
    - CA PPM
    - GitHub Issues
    - 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)
- Fixes
  - Sync Fixes
    - Bridge
    - General
    - Server
    - Studio
    - Web UI
  - Connector-Specific Fixes
    - Atlassian Jira (REST)
    - BMC Remedy
    - CA Agile Central (Rally)
    - CA PPM
    - 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
    - Tricentis Tosca
- Features
  - Sync Features
    - Studio
  - Connector-Specific Features
    - Atlassian Jira (REST)

- [Blueprint](#)
- [BMC Remedy](#)
- [GitHub Issues](#)
- [GitLab Issues](#)
- [Jama](#)
- [Microsoft Team Foundation Server](#)
- [Planview Enterprise](#)
- [Planview LeanKit](#)
- [ServiceNow](#)
- [SmartBear QAComplete](#)
- [Solutions Business Manager \(Serena\)](#)
- [Tricentis Tosca](#)
- [VersionOne](#)
- [Zendesk](#)

## Upgrade Notes

### 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.

#### GitHub Issues

- 82221: Confirmation will be needed to upgrade and regenerate schemas for GitHub repositories.

#### IBM Rational DOORS Next Generation

- 84924: Upgrading to the latest version of Tasktop Sync 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 Sync.

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 Sync client via a workaround (warning: this approach is less secure, as it involves continued use of the '3DES' cipher suites): 1) Ensure Tasktop Sync is stopped 2) In the Tasktop Sync installation directory, edit \jre\lib\security\java.security 3) 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 Sync 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 Sync.

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 Sync client via a workaround (warning: this approach is less secure, as it involves continued use of the '3DES' cipher suites): 1) Ensure Tasktop Sync is stopped 2) In the Tasktop Sync installation directory, edit `\jre\lib\security\java.security` 3) 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).

## 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.

## Planview Enterprise

- 83451: Planview migration will take place when Sync is upgraded. Users should say Yes when prompted to regenerate schemas, and users should update mappings with Planview repositories.
- 83183: Users will need to refresh schema and re-map 'Project' field, which has changed to an Artifact Link field from a Single Select field.

## Solutions Business Manager (Serena)

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

## Fixes

### Sync Fixes

### Bridge

- 82805: Fixed a rare issue with migration of artifact handles with obsolete required field values.

## General

- 83136: Fixed an issue that caused previous revisions of edited comments to be synchronized back as new comments after HP ALM upgrade.
- 82542: Fixed an issue where Sync exported task URL instead of serialized identifier for tasks exported without state.

## Server

- 83142: Fixed an issue where mapping by labels wasn't possible for dependent fields.

## Studio

- 84183: Improved Sync startup time for very large task lists.

## Web UI

- 82957: Fixed an issue with display of empty information boxes in Sync Web UI.
- 82956: Fixed Web UI issue where user could not log in without "Remember me" option selected.

## 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 TaskRepository.
- 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 URLs 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.

## 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 Sync 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.
- 84781: Fixed an issue where the artifact location URL or root folder relationships could be wrong when configuration management was turned on.
- 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.

## 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 Sync 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**

- 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 that don't have a 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.
- 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.

## 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 type-based query.
- 81805: ServiceDesk formatted ID fields now have internal sys\_id values when 'number' column values are empty.
- 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.

## Tricentis Tosca

- 84640: Improved performance of Tosca artifact retrieval.

## Features

### Sync Features

### Studio

- 84761: Removed -canUpgradeLegacyConnectors startup argument and check for canUpgrade property during upgrade process.

## 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.

### Blueprint

- 82578: Added support for Blueprint version 9.0 and Storyteller version 3.0.

### BMC Remedy

- 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.
- 83183: Primary Planning Levels can now be synchronized.

## **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.

## **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 artifact link to single- or multi-select fields.

## **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.