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19.2 Release Notes

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Tasktop Release Notes - 19.2.36

Posted: July 09, 2020

- Fixes
 - Connector-Specific Fixes
 - Micro Focus ALM

Fixes

Connector-Specific Fixes

Micro Focus ALM

- 106896: Fixed an issue where token expiry was not properly detected, which caused errors that blocked integrations.

Tasktop Release Notes - 19.2.35

Posted: June 04, 2020

- Fixes
 - Connector-Specific Fixes
 - Micro Focus ALM Octane

Fixes

Connector-Specific Fixes

Micro Focus ALM Octane

- 105611: Fixed an issue where unnecessary calls were made to retrieve options for unused single select/multi-select fields.

Tasktop Release Notes - 19.2.34

Posted: May 26, 2020

- Fixes
 - Tasktop Integration Hub Fixes
 - Misc

Fixes

Tasktop Integration Hub Fixes

Misc

- 105588: Fixed an issue where the Integration screen redirect sometimes did not work.

Tasktop Release Notes - 19.2.33

Posted: May 05, 2020

- Fixes
 - Tasktop Integration Hub Fixes
 - Container Synchronization
 - SDK-Specific Fixes
 - SDK

Fixes

Tasktop Integration Hub Fixes

Container Synchronization

- 103675: Fixed an issue where the collections of a Container + Work Item synchronization integration were not displayed properly.

SDK-Specific Fixes

SDK

- 103015: Fixed an issue where container links with empty summaries produced an error.

Tasktop Release Notes - 19.2.32

Posted: January 23, 2020

- [Fixes](#)
 - [Tasktop Integration Hub Fixes](#)
 - [Help](#)

Fixes

Tasktop Integration Hub Fixes

Help

- 101783: Fixed an issue where the file name of the Support and Usage Report sometimes listed the wrong year.

Tasktop Release Notes - 19.2.31

Posted: January 08, 2020

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Microsoft Azure DevOps Server (TFS)
- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Work Item Synchronization
 - Connector-Specific Fixes
 - Planview Enterprise

Upgrade Notes

Connector-Specific Upgrade Notes

Microsoft Azure DevOps Server (TFS)

- 101984: Beginning on 03/02/2020, Azure DevOps Services users must use Personal Access Token authentication, as standard authentication will no longer be supported by Microsoft. Please check your authentication methods and update as needed. If authentication is not updated correctly, pre-existing integrations may stop running. Azure DevOps Server (on-prem) users can continue to use standard authentication.

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 101680: Fixed an issue where the Activity screen sometimes failed to load when there was a worklog related error.

Work Item Synchronization

- 101636: Fixed an issue where errors due to artifact creation were incorrectly retried.

Connector-Specific Fixes

Planview Enterprise

- 101514: Fixed an issue where previously supported fields were no longer available for mapping in versions 19.4.2+, 19.3.12+, and 19.2.24+.

Tasktop Release Notes - 19.2.30

Posted: December 18, 2019

- [Upgrade Notes](#)
 - [Connector-Specific Upgrade Notes](#)
 - [QASymphony qTest Manager](#)

Upgrade Notes

Connector-Specific Upgrade Notes

QASymphony qTest Manager

- 101592: Users of qTest Manager OnDemand (9.8.8+) must update the minimal permissions for the credentials used to connect to Tasktop Integration Hub to include: "Manage Field Settings." If they do not do this, their integrations will stop running.

Tasktop Release Notes - 19.2.29

Posted: December 11, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - Misc

Fixes

Tasktop Integration Hub Fixes

Misc

- 99793: Upgraded Tomcat to version 8.5.49.

Tasktop Release Notes - 19.2.28

Posted: November 27, 2019

- Upgrade Notes
 - Tasktop Integration Hub Upgrade Notes
 - User Management
- Fixes
 - Tasktop Integration Hub Fixes
 - Container Synchronization
 - Extensions
 - Integrations
 - User Management
 - Connector-Specific Fixes
 - Atlassian Jira

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

User Management

- 97856: To fix a security issue causing browser security settings to be listed twice (and potentially misinterpreted by the user's browser) in response headers during user management (Keycloak) authentication, please follow the steps below:
 1. Click 'User Administration Console' at the bottom of the Tasktop Integration Hub sign in page and log in to Keycloak.
 2. In the Tasktop Realm Settings page, go to the Security Defenses tab. Make sure the following fields are blank: X-Frame-Options, X-Content-Type-Options, and X-XSS-Protection.
 3. Navigate to the Master Realm Settings page (by clicking 'Tasktop' at the top of the sidebar navigation and selecting 'Master'), and do the same. **[Security Fix]**

Fixes

Tasktop Integration Hub Fixes

Container Synchronization

- 100950: Fixed an issue where artifact creation flow changed to be bidirectional for previously unidirectional Work Item + Container Synchronizations after upgrading Tasktop Integration Hub.

Extensions

- 100590: A more descriptive error will now be provided when an extension sets an invalid value on a relationship field.

Integrations

- 100024: Fixed an issue where moving routes between integrations (from the advanced configuration screen) changed artifact creation flow to bidirectional.

User Management

- 97856: Fixed a security issue that caused browser security settings to be listed twice (and potentially misinterpreted by the user's browser) in response headers during user authentication.
[\[Security Fix\]](#)

Connector-Specific Fixes

Atlassian Jira

- 100877: Fixed an issue where setting a value for the 'Assignee' field caused creation of Test Executions to fail.

Tasktop Release Notes - 19.2.27

Posted: November 13, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - Extensions
 - State Transitions

Fixes

Tasktop Integration Hub Fixes

Extensions

- 100590: A more descriptive error will now be provided when an extension sets an invalid value on a relationship field.

State Transitions

- 100606: Improved error message for unsupported state transition parameters.

Tasktop Release Notes - 19.2.26

Posted: October 28, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - Operational Database
 - Connector-Specific Fixes
 - Microsoft Azure DevOps Server (TFS)

Fixes

Tasktop Integration Hub Fixes

Operational Database

- 100119: Fixed an issue where change detection could encounter long and frequent delays when using a Derby database.

Connector-Specific Fixes

Microsoft Azure DevOps Server (TFS)

- 100137: Fixed an issue where the connector could fail to execute a WIQL query to search for new and changed artifacts in a team project.

Tasktop Release Notes - 19.2.25

Posted: October 23, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Collections
 - Twinless Artifact Update
 - Connector-Specific Fixes
 - QASymphony qTest Manager
 - Security Issues:
 - Logging

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 97789: Fixed an issue where authentication errors did not automatically resolve.

Collections

- 97912: Field values are now sorted by relevance when users filter the values in Hub by typing into the dropdown.

Twinless Artifact Update

- 99838: Added logging to indicate why twinless artifact updates were applied.

Connector-Specific Fixes

QASymphony qTest Manager

- 99841: Fixed an issue where users would constantly get Authentication State Expired errors.

Security Issues:

Logging

- 98623: Fixed an issue that might cause confidential information to be written to logs through SQL statements logging when trace logging is enabled.

Tasktop Release Notes - 19.2.24

Posted: October 09, 2019

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Planview Enterprise
- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Integrations
 - Product Upgrades
 - Repositories
 - Connector-Specific Fixes
 - Jama
 - Planview Enterprise

Upgrade Notes

Connector-Specific Upgrade Notes

Planview Enterprise

- 99388: Collections containing any Lifecycle Role fields will need to be updated. These fields are no longer supported.

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

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

Integrations

- 99139: Fixed an issue where integrations would stop due to outdated project errors. Note that integrations will still be temporarily blocked from the time the error was detected to the time when the error is resolved.
- 99033: Fixed an issue where processing restarts could take a long time when using an Oracle database.
- 98267: Improved error message when a mapped field matches multiple fields within a project.

Product Upgrades

- 99379: Fixed an issue where Tasktop may hit a database deadlock issue during integration data migration on SQL Server.
- 99143: Improved the performance of upgrading from 19.1 or earlier to 19.2 or later with a very large operational database.

Repositories

- 97636: Fixed an issue where repository authentication errors were not automatically being resolved.

Connector-Specific Fixes

Jama

- 99617: The repository connection can now be configured to strictly use the SOAP API.

Planview Enterprise

- 99388: Fixed an issue where attempting to retrieve a value for an unsupported field caused an error.

Tasktop Release Notes - 19.2.23

Posted: September 16, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - Infrastructure

Fixes

Tasktop Integration Hub Fixes

Infrastructure

- 96984: Upgraded Tomcat to 8.5.45 to address CVE-2019-10072.

Tasktop Release Notes - 19.2.22

Posted: September 12, 2019

- [Upgrade Notes](#)
 - [Tasktop Integration Hub Upgrade Notes](#)
 - [Product Upgrades](#)
- [Fixes](#)
 - [Tasktop Integration Hub Fixes](#)
 - [Product Upgrades](#)
 - [Connector-Specific Fixes](#)
 - [Jama](#)
 - [QASymphony qTest Manager](#)

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

Product Upgrades

- 94747: Users upgrading from 19.1 or earlier with a very large operational database (e.g. larger than 10GB) should be prepared for this upgrade to potentially take several hours. If using SQL Server for the operational database and the database is very large, it is recommended to add "; socketTimeout=0" to the connection string in db/tasktop-db.json before starting Hub for the first time. After the upgrade this can be removed.

Fixes

Tasktop Integration Hub Fixes

Product Upgrades

- 94747: Fixed a problem upgrading from 19.1 or earlier with a very large operational database.

Connector-Specific Fixes

Jama

- 84145: Since Jama doesn't support emojis in comments, Tasktop will replace emojis in inbound comments with .

QASymphony qTest Manager

- 98551: The qTest connector now detects and retries attachment and comment searches that have missing or duplicated results.

Tasktop Release Notes - 19.2.21

Posted: September 06, 2019

- Upgrade Notes
 - Tasktop Integration Hub Upgrade Notes
 - Collections
- Fixes
 - Tasktop Integration Hub Fixes
 - Collections
 - Product Upgrades

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

Collections

- 98545: Default behavior has been changed to retrieve field values from one sample project in a collection, rather than all projects.

In rare cases where field values vary across projects in a collection, users must check 'retrieve field values from all projects' on the collection screen. This update must be made both for new and existing collections.

Fixes

Tasktop Integration Hub Fixes

Collections

- 98545: Improved loading performance of the integration overview screen and the field configuration screen by having collections retrieve field values from one sample project instead of all projects.

In rare cases where field values vary across projects in a collection, users can configure the collection to query all projects.

Product Upgrades

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

Tasktop Release Notes - 19.2.20

Posted: August 27, 2019

- Upgrade Notes
 - Tasktop Integration Hub Upgrade Notes
 - Collections
- Fixes
 - Tasktop Integration Hub Fixes
 - Collections
 - Connector-Specific Fixes
 - Microsoft Azure DevOps Server (TFS)

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

Collections

- 98545: Default behavior has been changed to retrieve field values from one sample project in a collection, rather than all projects. In rare cases where field values vary across projects in a collection, users must check 'retrieve field values from all projects' on the collection screen. This update must be made both for new and existing collections.

Fixes

Tasktop Integration Hub Fixes

Collections

- 98545: Improved loading performance of the integration overview screen and the field configuration screen by having collections retrieve field values from one sample project instead of all projects.

In rare cases where field values vary across projects in a collection, users can configure the collection to query all projects.

Connector-Specific Fixes

Microsoft Azure DevOps Server (TFS)

- 98489: Fixed an issue where queries could cause an error.

Tasktop Release Notes - 19.2.19

Posted: August 23, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - Integrations
 - Operational Database
 - Connector-Specific Fixes
 - ServiceNow

Fixes

Tasktop Integration Hub Fixes

Integrations

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

Operational Database

- 98473: Fixed an issue where some databases queries could cause deadlocks during processing under certain configuration.

Connector-Specific Fixes

ServiceNow

- 98353: The problem with empty options when using `glide.invalid_query.returns_no_rows` is fixed.

Tasktop Release Notes - 19.2.18

Posted: August 20, 2019

- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira
 - BMC Remedy

Fixes

Connector-Specific Fixes

Atlassian Jira

- 98278: Fixed an issue where users were unable to use OAuth 1.0a Authentication.

BMC Remedy

- 97980: Fixed issue with fields containing nested parenthesis for BMC Remedy 9.1.04.

Tasktop Release Notes - 19.2.17

Posted: August 15, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - Misc
 - Operational Database

Fixes

Tasktop Integration Hub Fixes

Misc

- 97993:
 - Fixed an issue where services were being interrupted prematurely when making changes to the configuration.
 - Fixed an issue where the database was being detected as unavailable incorrectly.
 - Added logging when the application restarts due to reconnecting to the database.

Operational Database

- 96794: Fixed an issue where updating the external database settings upon starting Tasktop would take several minutes.

Tasktop Release Notes - 19.2.16

Posted: August 07, 2019

- Fixes
 - Connector-Specific Fixes
 - ServiceNow

Fixes

Connector-Specific Fixes

ServiceNow

- 97708: Fixed an issue that occurred when retrieving artifacts with catalog variables with duplicated variable names.
- 97707: Fixed an issue where ServiceNow could return a 400 error when retrieving artifacts with a large number of catalog variables.

Tasktop Release Notes - 19.2.15

Posted: July 31, 2019

- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira
 - QASymphony qTest Manager
 - ServiceNow

Fixes

Connector-Specific Fixes

Atlassian Jira

- 97665: This restores person matching by email for artifacts synced into JIRA on-demand repositories, which was impacted by a recent Atlassian privacy change that hides user emails by default.

QASymphony qTest Manager

- 97666: Fixed an issue which could cause the QASymphony qTest Manager connector to hang while performing creates or updates.
- 97345: Fixed an issue where an artifact's revision would not be correct under some configurations, resulting in unnecessary synchronizations.

ServiceNow

- 97878: Fixed an issue where certain artifact filtering conditions produced an error during change detection.

Tasktop Release Notes - 19.2.14

Posted: July 23, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - [Artifact Relationship Management \(ARM\)](#)
 - [Twinless Artifact Update](#)
 - Connector-Specific Fixes
 - [Atlassian Jira](#)
 - [IBM Rational DOORS Next Generation](#)
 - [Planview Enterprise](#)
 - [Targetprocess](#)

Fixes

Tasktop Integration Hub Fixes

Artifact Relationship Management (ARM)

- 96904: Fixed an error related to removing and adding links with the same target.

Twinless Artifact Update

- 97543: Fixed an issue where a twinless artifact update would be triggered by an artifact falling out of the repository query.
- 96888: Fixed an issue where twinless artifact update did not execute until a full scan ran at least once for each side of the integration.

Connector-Specific Fixes

Atlassian Jira

- 96899: Fixed an issue where inline code would come back from Jira with excessive @ symbols. Inline code should now maintain its structure when syncing back from Jira.

IBM Rational DOORS Next Generation

- 97498: Fixed an issue where work items with workflows were not being retrieved.

Planview Enterprise

- 97509: Fixed an issue where users were unable to create collections that included double fields with no fractional digits.

Targetprocess

- 97133: Fixed an issue where having a custom field called 'Type' in TargetProcess would cause integrations to fail.

Tasktop Release Notes - 19.2.13

Posted: July 17, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Gateway
 - Twinless Artifact Update
 - User Management
 - Connector-Specific Fixes
 - Atlassian Jira
 - CA Agile Central (Rally)
 - Jama
 - ServiceNow

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 96692: Fixed an issue where some errors got retried an unlimited number of times.

Gateway

- 97577: Fixed an issue where 'not found' errors showed up in the artifact routing screen for Create via Gateway integrations.
- 97426: Fixed an issue where past activity was not tracked when a Create via Gateway integration created an artifact.

Twinless Artifact Update

- 97100: Fixed an issue where twinless artifact update failed to trigger under certain circumstances.

User Management

- 95958: Fixed an issue where the password field wasn't masked when being typed in on the user administration page.

Connector-Specific Fixes

Atlassian Jira

- 97214: Changed how connector handles HTML error deserialization. Complete HTML error pages will not be printed to the logs unless troubleshooting is enabled.

CA Agile Central (Rally)

- 95887: Fixed an issue where the HTTP client would fail to timeout when connecting via SSL.

Jama

- 96909: Addressed an issue where Jama may fail to load projects due to a SOAP response when REST is configured on the repository.
- 94951: Fixed an issue where synchronization may fail due to nested text blocks in a rich text field.

ServiceNow

- 97344: Fixed an issue where Tasktop did not list single select field values if the field in ServiceNow had no dependent field specified, but did have options with dependent values.
- 97128: Fixed an issue where ServiceNow returns an unencoded next-page URL during change detection which caused the connector to be unable to request the next page.

Tasktop Release Notes - 19.2.12

Posted: July 10, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - Collections
 - Work Item Synchronization
 - Connector-Specific Fixes
 - CA Agile Central (Rally)
 - Micro Focus ALM Octane
 - ServiceNow
- Features
 - Connector-Specific Features
 - BMC Remedy

Fixes

Tasktop Integration Hub Fixes

Collections

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

Work Item Synchronization

- 91095: Improved error message for scenarios where an integration includes an artifact route to a deleted container.

Connector-Specific Fixes

CA Agile Central (Rally)

- 96591: Fixed an issue where changesets failed to be created if they linked to the same artifact.

Micro Focus ALM Octane

- 96910: Fixed an issue where synchronizations involving certain single select fields would fail.

ServiceNow

- 97111: Fixed an issue where errors would occur due to insufficient permissions or an invalid user set as a person field on an artifact.

Features

Connector-Specific Features

BMC Remedy

- 97115: Reduces change detection paging size to reduce payload retrieved and thus load on the server.

Tasktop Release Notes - 19.2.11

Posted: July 09, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - Integrations
 - Operational Database
 - Repositories
 - Work Item Synchronization
 - Connector-Specific Fixes
 - BMC Remedy
 - ServiceNow

Fixes

Tasktop Integration Hub Fixes

Integrations

- 95621: Fixed a defect where Tosca test cases under a component folder with "\" in the name were not synchronized.

Operational Database

- 92607: Change detection now causes significantly lower load on the operational database, and administration and event processing result in fewer write operations.

Repositories

- 94251: Fixed an issue where a user couldn't switch from a custom authenticator to standard authentication on the repository configuration screen.

Work Item Synchronization

- 97014: Fixed an issue where certain fields were incorrectly being detected as changed even though they were not mapped.

Connector-Specific Fixes

BMC Remedy

- 96397: Added a field to the repository connection screen for Remedy REST that ensures artifact location URI points to a valid location. Please see Connector Docs for configuration details.

ServiceNow

- 96729: Fixed an issue where artifact retrieval failed if a dependent required field was empty.

Tasktop Release Notes - 19.2.10

Posted: June 26, 2019

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Atlassian Jira
- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Work Item Synchronization
 - Connector-Specific Fixes
 - Atlassian Jira
 - Blueprint
 - iRise

Upgrade Notes

Connector-Specific Upgrade Notes

Atlassian Jira

- 96286: State transitions involving the field "Sprint(s)" must be renamed to "Assigned Sprint".

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 96793: Fixed an issue where events that were no longer processing were shown in the 'processing' tab of the Activity screen.

Work Item Synchronization

- 96328: Fixed an issue where errors appeared when an artifact's type was changed. Now, if a synchronized artifact's type is changed, it will silently fall out of its Tasktop integration (as it will no longer meet that integration's criteria).

Connector-Specific Fixes

Atlassian Jira

- 96286: Fixed an issue where sprints were unable to be updated during state transitions.

Blueprint

- 96246: Fixed an issue causing an excessive number of 409 "conflict" responses in the logs.

iRise

- 96809: Fixed an issue where new artifacts or changes to iRise would not be synced if a mapped text field had more than 2000 characters.

Tasktop Release Notes - 19.2.9

Posted: June 18, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Collections
 - Gateway
 - Connector-Specific Fixes
 - Atlassian Jira
 - ServiceNow

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 96751: Fixed an issue where e-mail notifications included an incorrect link to the Activity screen.

Collections

- 96141: Fixed an issue with project replacements after a TFS collection GUID change.

Gateway

- 96590: Improved error message for bad payload transformation extensions.

Connector-Specific Fixes

Atlassian Jira

- 96014: Fixed an issue where sprints would appear as IDs instead of names when no boards were available.

ServiceNow

- 96680: Fixed an issue where empty attachments caused parsing errors during artifact retrieval.

Tasktop Release Notes - 19.2.8

Posted: June 11, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - Collections
 - Field Flow
 - Operational Database
 - State Transitions
 - Connector-Specific Fixes
 - BMC Remedy
 - QASymphony qTest Manager

Fixes

Tasktop Integration Hub Fixes

Collections

- 96371: Improved performance of Project Replacements.

Field Flow

- 94175: Fields set to "Always Update" now backsync upon artifact creation.

Operational Database

- 94747: Processing of operational data (like events), will use less memory.

State Transitions

- 95496: Fixed an issue where Twinless Artifact Update incorrectly caused State Transitions when the status mappings were asymmetric.

Connector-Specific Fixes

BMC Remedy

- 96329: Fixed an issue where the Remedy connector inaccurately reported an error with the message 'Unable to find metadata for field' when connecting via REST API.

QASymphony qTest Manager

- 95909: Fixed errors in QaSymphony connector where potential changing of root module to project information on the server would require application restarts.

Tasktop Release Notes - 19.2.7

Posted: June 06, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Field Flow
- Features
 - Tasktop Integration Hub Features
 - Twinless Artifact Update

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 96290: Fixed an issue where blocking errors due to offline repositories were incorrectly displayed for all integrations, rather than only the integrations those offline repositories were a part of.
- 93692: Fixed an issue where some configuration validation errors would not resolve automatically.

Field Flow

- 94175: Fields set to "Always Update" now backsync upon artifact creation.

Features

Tasktop Integration Hub Features

Twinless Artifact Update

- 96275: Users can now choose to have all fields synchronize from an artifact to its twin upon re-entering the integration.

Tasktop Release Notes - 19.2.6

Posted: May 30, 2019

- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Collections
 - Integrations

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 96290: Fixed an issue where blocking errors were shown for online repositories.

Collections

- 96149: Fixed an issue where errors appeared for collection fields involved in multiple mappings.
- 95948: Fixed an issue where project replacements could not be completed.

Integrations

- 95424: Fixed an issue where differences between available fields and field IDs between projects participating in an integration could lead to Tasktop errors.

Tasktop Release Notes - 19.2.5

Posted: May 24, 2019

- [Upgrade Notes](#)
 - [Tasktop Integration Hub Upgrade Notes](#)
 - [State Transitions](#)
- [Fixes](#)
 - [Tasktop Integration Hub Fixes](#)
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Upgrade Notes

Tasktop Integration Hub Upgrade Notes

State Transitions

- 78550: Customers who have state transitions configured to fields which are required to create an artifact may see errors asking them to fully map all values for those fields, or to create a constant value mapping so that Tasktop can create artifacts in their collection.

Tasktop may also try to update fields used by state transitions directly (and may subsequently generate an error) if the field flow for those fields has been changed to "Update Normally" or "Update Always".

Fixes

Tasktop Integration Hub Fixes

Operational Database

- 96050: Fixed an issue where "DatabaseNotAvailableException" issues could appear and block Tasktop from running for instances using MySQL as the operational database.

State Transitions

- 95938: Fixed an issue where state transitions would fail if a new field was added, and then synchronized to, the model of an already-running integration.

- 78550: State Transitions will be applied to the associated artifact during a synchronization if:
 - There is an extension used and any model field configured in the state transition has changed
 - There is a graph configuration and the mapped value for the field used by the graph is a different on the associated artifact as compared to the resulting value after transforming from the model

Performing state transitions will be a separate activity from updating the artifact directly.

In addition, Tasktop will try to update fields used by transitions directly if:

- The field is required to create the artifact
- The field is flowing as "Update Normally" or "Always Update"

Connector-Specific Fixes

VersionOne

- 96066: Reduced Tasktop load on VersionOne by making change detection improvements.

Tasktop Release Notes - 19.2.4

Posted: May 16, 2019

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 - Activity & Issues
 - Infrastructure
 - Installers
 - Connector-Specific Fixes
 - Planview LeanKit
 - ServiceNow
- Features
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 - BMC Remedy

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 94069: Fixed an issue where troubleshooting logs incorrectly stated that changes were not applied for mapped fields when fields had synchronized successfully.
- 92899: Fixed an issue where the maximum error limit was reached due to retrying 'ignored' errors.

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.

Installers

- 95912: Fixed an issue where OEM installations were unable to start.

Connector-Specific Fixes

Planview LeanKit

- 95361: Fixed an issue where mapping numeric fields in LeanKit could cause integration events to get stuck in 'processing.'

ServiceNow

- 95385: ServiceNow 'priority' field on incidents is no longer assumed to be read only.

Features

Connector-Specific Features

BMC Remedy

- 95322: Field names in Tasktop will now match the field names in the Remedy UI, rather than the database names for each field. Note that this applies to Remedy version 18.08 or higher, and requires a REST API connection. See Connector Documentation for further information.

Tasktop Release Notes - 19.2.3

Posted: May 06, 2019

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- Microsoft Sharepoint
- Pivotal Tracker
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 - Micro Focus PPM
 - Micro Focus Solutions Business Manager
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 - Microsoft Project Server
 - Mozilla Bugzilla
 - Pivotal Tracker
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 - QASymphony qTest Manager
 - ServiceNow
 - SmartBear QAComplete
 - Sparx Systems Pro Cloud Server

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- [Xebialabs XL Release](#)
- [Zendesk](#)

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

Artifact Relationship Management (ARM)

- 93769: The transforms listed below are no longer available in editions that do not include the Git connector. These transforms were designed for use in SCM integrations specifically, and have high performance impacts on other integration types.
 - String to Relationship(s) by ID
 - Rich Text to Relationship(s) by ID

Container Synchronization

- 94970: Container Matching Settings sash is now only available for containers which can be contained by themselves (for example, ALM folders will be supported, but ALM Test Sets will not).
- 94669: Constant value mappings that are mapped to a single selection field that has changed into container field will need to be manually re-created.

Operational Database

- 94263: The following Operational Database and Browser versions are no longer available under Tasktop's general support. These versions are now available under extended support only:
 - Browser: Chrome 50.0 – 72.x; Firefox 46.0 – 60.x
 - Database: MS SQL Server: 2008, 2012; MySQL: 5.5+; Oracle: 11

Please reach out to your Tasktop contact if you are currently on one of the aforementioned versions and they will be able to guide you accordingly.

- 92908: While Tasktop is being upgraded, if any data integrity issues are discovered in the Artifact Associations table, the problematic records will be moved to a new table and associated integrations will generate an error, exposed on the Activity screen. If this happens, contact Tasktop customer support before clearing the error.
- 91263: While we always recommend backing up the operational database, it is imperative that a backup is made prior to upgrading to this version. Upon upgrade from a previous version of Tasktop to this version or later, a one-time change to the operational database will occur that may take an hour or longer to complete. During the upgrade process, the UI will not be available. To monitor the upgrade process, please inspect the log files.

User Management

- 91307: Existing Tasktop admins will no longer be able to access the User Administration screen in Tasktop unless they are granted view-realm and view-clients roles via the backend User Administration Console. To do this, log into the Tasktop User Administration Console. Go to Manage>Users, and select the Tasktop admin. Go to the Role Mappings tab. Under Client Roles, select 'realm-management.' Assign the view-clients and view-realm roles.

Connector-Specific Upgrade Notes

General (Services)

- 94974: The following Vendor repository versions are no longer available under Tasktop's general support. These versions are now available under extended support only:
 - CA Agile Central (Rally) - 2014.1, 2014.2, 2014.3, 2015.1, 2015.2, 2016.1
 - CA PPM - 14.4, 15.1
 - IBM Rational DOORS Next Generation (IBM RRC) - 5.0, 5.0.1, 5.0.2
 - IBM Rational Quality Manager - 5.0, 5.0.1, 5.0.2
 - IBM Rational Team Concert - 5.0, 5.0.1, 5.0.2
 - Jama Connect - 8.0, 8.1, 8.2, 8.3, 8.4, 8.5, 8.6, 8.7, 8.8, 8.9, 8.10, 8.11, 8.12, 8.13, 8.14
 - Micro Focus Dimensions RM - 12.1.1, 12.2, 12.2.1, 12.3, 12.4, 12.4.1
 - Micro Focus Solutions Business Manager - 10.1.3, 10.1.4, 10.1.4.1, 10.1.5, 10.1.5.1, 10.1.5.2
 - ServiceNow: IT Service Management and IT Business Management (Agile Development /SDLC, PPM) - Jakarta On Demand
 - VersionOne - 17.3 (Fall 2017)

Please reach out to your Tasktop contact if you are currently on one of the aforementioned versions and they will be able to guide you accordingly.

Atlassian Jira

- 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.
- 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.

BMC Remedy

- 92679: If using the SOAP API, customers will need to update their custom web services files (available in the Connector Docs) to ensure that performance when retrieving persons from the repository is not negatively affected.
- 91172: The Phone_Number field on Incidents has been renamed to Customer_Phone_Number on the version 6.2 Incident form. When the new form is installed on the BMC Remedy server, the Phone_Number field will need to be re-mapped to Customer_Phone_Number in any integrations containing the field.

Micro Focus ALM

- 95158: Removed support for ALM 14.0x-SaaS (Patch 2)
- 91733: The Subject field on Tests must be remapped upon upgrade.

Micro Focus ALM Octane

- 91002: If you are using private fields in your Octane integrations, please contact Tasktop support to ensure existing integrations are not disrupted upon upgrade.
- 93561: If you are using the Application Modules field on Run entities in your Octane integrations, please contact Tasktop support to ensure existing integrations are not disrupted upon upgrade.

QASymphony qTest Manager

- 95252: To resolve a performance issue, Tasktop may perform a one-time full scan of all artifacts within QASymphony collection(s) upon upgrade.
- 91446: To prevent possible upgrade issues, stop all QASymphony integrations and end all user sessions for the configured QASymphony repository user before upgrading Tasktop.

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 94511: Fixed a text wrapping UI issue on Activity screen.
- 87274: Fixed a UI issue where long artifact summaries weren't properly displayed on the Ignored Errors tab.

Artifact Relationship Management (ARM)

- 95447: Fixed an issue preventing users from mapping single relationship collection fields to multi-relationship model fields.
- 93499: Fixed an issue where Micro Focus ALM project renames would cause persistent errors for integrations flowing relationship(s) fields.
- 93068: Fixed an issue where artifacts were not synchronized if a related artifact was excluded from an integration by, for example, artifact filtering or routing.
- 92362: Fixed an issue where an error was displayed when setting a relationship field value in the target repository and then setting that same relationship value in the source repository.

Collections

- 94658: Fixed an issue where Custom Data Transformation Extensions sometimes were not available to be selected.
- 94439: Fixed an error that occurred when mapping a field that had different IDs in each project of the collection.
- 94329: When selecting projects for a collection and using the 'search' functionality to locate the project, users are now able to expand that project to view its children.
- 93310: When displaying values for option mapping, empty projects are skipped and logged, rather than erroring.
- 91929: Single- and multi-select values can now be mapped for all projects included in a collection (rather than just the first project).
- 91108: Fixed an issue where the "String to Relationship (by ID)" value transformation would fail to find a relationship.
- 79346: Fixed a defect where project renames were not reflected on the Collection screen (under 'Manage Projects').

Container Synchronization

- 95062: Fixed an issue where a warning was not being shown on the field flow screen when a container synchronization did not have the hierarchy (parent) field mapped.
- 90949: Fixed an issue where users saw an extraneous configuration warning icon for Container Mirroring when no configuration issues had occurred.
- 85276: Fixed a UI issue for artifact creation flow arrows on the Work Item + Container Synchronization integration configuration screen.

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.

Extensions

- 93734: Fixed an issue where custom data transformation extensions would fail if they included null input values.

Gateway

- 92495: Fixed an issue where Create via Gateway integrations were not working under the following circumstances:
 - Customer started using Hub prior to 17.2
 - Hub upgraded to 18.4 or later
 - Hub still using internal Derby database

Integrations

- 95271: Fixed an issue where changes were sometimes not detected.
- 95178: Fixed an issue where the "Relationships to URLs String" transform sometimes failed.
- 94360:
 - Fixed an issue where Twinless Artifact Update changes were propagated back to the source artifact upon returning to the integration.
 - Fixed an issue where conflict resolution did not work for fields used in state transitions.
- 91743: Fixed an issue where comments previously synchronized into TFS were duplicated upon upgrade to 18.4.
- 91605: Conflict Resolution Strategy is now simply called Conflict Resolution.
- 91321: Fixed an issue where previously synchronized comments or attachments were duplicated due to newly added comment/attachment metadata (e.g. synthetic comment detection).

Operational Database

- 93543: Database communication errors that occur during upgrade migrations now cause migrations to be immediately retried.
- 92908: Corrupt records in the Artifact Associations table will be moved to a new table when discovered. Associated integrations will be blocked.
- 91644: Fixed an issue where Tasktop logs showed a missing table when starting up Tasktop using MySQL as the operational database.
- 91641: Fixed an issue where certain SQL operations could time out against SQL Server during operational data migration.

Product Upgrades

- 92514: Fixed an issue where customers with Gateway integrations and legacy database structure could experience migration issues.
- 92408: Fixed an issue where Tasktop was unable to complete migration after upgrading for instances using Oracle 12C as their operational database.
- 92116: Fixed an upgrade issue that impacted users upgrading from Tasktop versions 17.2 or earlier.

Repositories

- 92053: Fixed an issue where the 'save' button was not available when Connection Security settings were modified on the Repository screen.
- 91447: Fixed an issue where repository logos appeared broken in Internet Explorer.
- 87356: Improved UI/instructions on the 'External Files Required' screen for Microsoft TFS repository.

Settings

- 90622: Fixed an issue where email settings validation could block shutting down Tasktop indefinitely if the configured email server did not respond.

State Transitions

- 92947: Fixed an issue where state transitions would not be applied if the change that triggered it also moved the artifact out of a filter.
- 92338: Tasktop now explicitly logs state transition changes, and saves values for any field changed by a transition, not just those that were configured as part of the transition.
- 92099: Fixed a defect where values changed by state transitions could not be accessed when doing scripted value transformations.
- 91478: Fixed an issue where state transition extensions that set person fields may encounter an exception when performing the transition.

Twinless Artifact Update

- 93459: Fixed an issue where Twinless Artifact Update could not create a comment when comment flow is not enabled.
- 93140: Fixed an issue where a failed Twinless Artifact Update would duplicate comments.
- 92339: Fixed an issue where Twinless Artifact Update could not add a comment to artifacts which already had comments.

User Management

- 91307: Fixed an issue where admins were unable to access User Management in Tasktop after upgrading Keycloak. Please note that a realm administrator is now required to have view-realm and view-clients permissions in order to fully access User Management.

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

Connector-Specific Fixes

Atlassian Jira

- 95082: To prevent errors when saving a collection, Tasktop will set a default maximum length for Jira text fields if the associated credentials don't have administrative rights to do so.
- 93670: Fixed an issue where multiple retries of certain operations were causing slower performance of Jira on premise integrations.
- 93456: Fixed an issue that could occur when creating a collection in Jira if the artifact type has an 'Epic Link' field.
- 92690: Fixed an error that prevented synchronization of Jira issues with Epic links.
- 91982: Fixed an error that occurred when trying to save a Jira collection due to a misconfigured Service Desk plugin.

BMC Remedy

- 92679: Made optimizations to the BMC Remedy connector to improve retrieving large number of persons.
- 92243: Made optimizations in the BMC Remedy connector to improve searching over collections of large sizes.
- 90964: Fixed a bug in the BMC Remedy connector where attempts to update a work item could fail when that work item had a field with a user that could not be validated.

CA Agile Central (Rally)

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

GitHub Issues

- 94772: Fixed an issue where the GitHub connector could fail to link an Issue to a Milestone.
- 92481: Fixed an issue where the Github connector was unable to create Milestones against github.com.

GitLab Issues

- 94636: Fixed an issue where GitLab Issues with assignees were being processed as modified every time a change detection was run.

IBM Rational DOORS

- 92455: Fixed an issue where requirements with an empty object text could not be synchronized.
- 92137: Fixed an issue where the IBM Rational DOORS connector could wait indefinitely for an operation to complete.
- 91662: Fixed an issue where unsupported custom module only fields would show up as available fields for DOORS collections.
- 76576: Fixed an issue where the wrong error was displayed after failing to find an attachment for a DOORS object.

IBM Rational Team Concert

- 94400: Fixed an issue where comments that exceeded the size limit for the RTC web UI attempted to flow to RTC, causing the web UI to break. RTC now correctly sets a maximum comment size, eliminating this issue.
- 90620: Fixed an issue where RTC changeset ordering caused false Tasktop activity entries to be logged.
- 92610: Fixed an issue where large attachments would fail to synchronize from IBM RTC to another repository.

iRise

- 94231: Fixed an iRise REST API issue where custom fields were cleared when non-custom fields were updated by Tasktop.
- 48559: iRise chapters' changes are now detected when any summary, content, or id fields are changed.

Jama

- 93605: Fixed an issue where an artifact's parent was updated erroneously.

Micro Focus ALM

- 92449: Fixed an issue where authentication failed when using Ping Federate authentication on ALM SaaS repositories.
- 79313: Micro Focus ALM server shutdown is now recognized and any operation failing during the shutdown will be retried.
- 79028: Fixed an issue where "available memory in resource pool" server errors were not retried.

Micro Focus ALM Octane

- 93561: The Application Modules field is no longer exposed in the schema for Run entities.
- 91285: Fixed an issue that prevented the Micro Focus ALM Octane connector from connecting to the server.
- 91002: Fixed the Micro Focus ALM Octane connector to avoid exposing private fields for use in integrations.

Micro Focus PPM

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

Microsoft Azure DevOps Server (TFS)

- 95233: Fixed an issue where the Azure DevOps (TFS) connector's rich text metadata changed leading to integration errors.
- 94542: Fixed an issue where the connector did not always return all allowed or suggested values for a picklist field.
- 94258: Fixed an issue where updating an artifact with several relationship values could remove more relationships than expected.
- 93590: Fixed an issue where the connector would fail to retrieve a work item if that work item or one of its comments referenced a user that did not have a unique display name.
- 93295: Fixed an issue where the connector did not delete a potentially stale local cache of metadata from the server, leading to potential synchronization errors.
- 91714: Fixed an issue where some updates failed when links were removed and link comments were updated at the same time.
- 91555: Fixed an error that occurred when retrieving an artifact with multiple '#' symbols in its URI fields.
- 91529: Fixed an error encountered when synchronizing Double, Long, or Boolean values in certain locales.
- 91528: Fixed an issue where relationships were not properly added to work items.
- 91264: Fixed an issue where the connector failed to return comments associated with a work item.
- 91215: Fixed an issue where the Microsoft Team Foundation Server connector attempted to connect to the server over an insecure channel even if insecure connections were disallowed.
- 91051: Fixed an issue where discovering options for picklist fields could take a long time.
- 91050: Fixed an issue where errors were sometimes improperly handled in localized Azure DevOps/TFS installations. This change enables the connector to correctly detect, classify, and handle Azure DevOps/TFS REST error responses, regardless of the initial install language.

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.

Pivotal Tracker

- 94773: If an artifact is referencing a deactivated user, the integration will no longer error out.

Planview Enterprise

- 89657: Fixed an issue where artifacts were missed by artifact filtering due to some Planview Enterprise queries being incorrectly constructed.

Planview LeanKit

- 95061: LeanKit connector will no longer display Task types which are not also configured to be Cards.

PTC Integrity Lifecycle Manager

- 93720: PTC Integrity connector will now allow HTTP connections to be configured.
- 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.

QASymphony qTest Manager

- 95252: Fixed an issue where new custom fields added to the QASymphony UI could cause performance issues due to Tasktop erroneously detecting all artifacts as changed.
- 94780: Details about the artifact handle will now be visible in the Tasktop error message if an artifact cannot be retrieved.
- 93972: Fixed an error that occurred after setting a QASymphony single-select field to an inactive option.
- 91446: Fixed an issue where an error could occur on Tasktop upgrade if token expiry was more than several minutes.

Salesforce

- 95197: "Modify All" and "View All" permissions are no longer required for the Tasktop user.
- 93065: Fixed an issue where artifacts without a name would cause an error when appearing in search results.
- 91589: Fixed an issue where schema retrieval failed due to validation on string fields with a maximum length of zero.

Targetprocess

- 94760: Fixed an issue where some artifacts with custom relationships could not be retrieved.
- 92222: Targetprocess person search was updated to only return Users and Requesters. A "Kind" field was added to Targetprocess persons to distinguish Users from Requesters.

Trello

- 91617: Fixed an issue where an artifact could not be retrieved if it were linked to a deleted artifact.

Tricentis Tosca

- 91833: In Tosca, custom 'date' fields are referenced in the UI, but truly behave as string fields. This fixes an issue where custom date fields were inadvertently not supported due to not being properly treated as strings.

WhiteHat Sentinel

- 92379: Fixed an issue where some fields editable in the web UI (Summary, Custom Asset ID, Asset owner name, and Asset phase) were not triggering change detection.
- 92240: Fixed an issue where Tasktop could not retrieve the Custom Asset ID field or the contents of the Description field for Asset (Site) artifacts.

Features

Tasktop Integration Hub Features

Collections

- 90996: Rich text field transformations can now be configured to use a non-default markup language.

Help

- 94045: The Support and Usage Report now contains the collection schema (the list of fields available for each collection) and collection mappings.
- 91468: Issues shown on the Activity screen are now included in the "Support and Usage Report" zip file as activity/issues.json.

Integrations

- 91474: When creating an integration, invalid target collections will no longer be available for selection.
- 91275: Updated user experience on Comment and Attachment flow pages.

Operational Database

- 94454: Implemented a caching layer to increase speed of artifact handle consolidation.

Product Upgrades

- 92428: Created affordances for Tasktop upgrades when artifacts in existing integrations had been treated as work items historically, but are treated as containers in newer Tasktop versions.

Settings

- 93660: Notification emails can now be configured on Cloud.
- 93458: SMTP credentials for email notifications are no longer required if you have an open SMTP relay.

User Management

- 91471: Added a new 403 error page for users to logout if they logged in as an unauthorized user.

Connector-Specific Features

Atlassian Jira

- 94502: Added support for Jira version 8.1.
- 92937: Zephyr Test Execution Attachment notes can now flow as Attachment Description to other repositories (if supported there).
- 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.
- 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.

Blueprint

- 92420: Added support for Blueprint 10.0 (with Storyteller 4.0).

BMC Remedy

- 94819: Support for REST has been added to the BMC Remedy Connector. In order to connect to a Remedy repository using a REST API instead of SOAP API, 'Use REST API' must be checked on the repository connection screen. Please refer to connector documentation for further information.
- 93816: Added support for InstanceId and Submitter fields for Incidents. If using the SOAP API, customers will need to update their custom web services files (available in the Connector Docs) to synchronize InstanceId and Submitter fields for Incidents.

- 92902: Attachments flowing into BMC Remedy will now result in the WorkInfo note showing the filename. This will make it easier to find an attachment (especially when multiple attachments are referred to in the description).
- 91172: Customer First Name, Customer Last Name, Customer Phone Number, and Customer Email fields are now supported on Incidents as read-only fields. Contact First Name, Contact Last Name, Contact Phone Number, and Contact Email are now supported on Incidents and Work Orders as read-only fields. If using the SOAP API, the version 6.2 forms (or later) must be installed on the BMC Remedy server to synchronize these fields. For details, please see Tasktop connector documentation (<https://docs.tasktop.com/tasktop/connector-documentation>).

CA PPM

- 92133: When configuring a collection, Tasktop now only lists artifact types and fields that have the corresponding NSQL queries on the server. Refer to the Connector Docs for the list of required NSQL queries.
- 90859: Added support for CA PPM version 15.5.1.

GitLab Issues

- 94274: Added support for GitLab version 11.9.
- 91116: Added support for GitLab On Demand.

IBM Rational Team Concert

- 92096: Added support for the Subscribed By field.
- 90202: Added support for Wiki type fields as RichText fields.

Jama

- 94871: Added support for Jama Connect version 8.36.
- 94431: 'Jama' connector rebranded as 'Jama Connect'.

Micro Focus ALM

- 94197: 'Micro Focus ALM (HPE)' connector rebranded as 'Micro Focus ALM.'
- 94189: Added support for Micro Focus ALM 14.01 (SaaS). API Key Authentication is now supported on Micro Focus ALM 14.01 (SaaS).
- 94048: Added support for a much wider range of characters in attachment and web link names (including unicode characters).
- 93135: Test Set Folders are now supported as containers.
- 93134: Test Sets are now supported as containers.
- 92237: API Key Authentication is now supported on ALM On Premise version 12.60.
- 92035: Added support for Micro Focus ALM/QC version 14 Patch 2.
- 91733: Subject field on Tests is now a container link rather than a single select field.
- 91713: Micro Focus (HPE) ALM Test Folders are now supported as Containers.

- 90198: State transitions are now supported for Micro Focus ALM (HPE) Defect status field.

Micro Focus ALM Octane

- 94198: 'Micro Focus ALM Octane (HPE)' connector rebranded as 'Micro Focus ALM Octane'.
- 93774: Added support for Micro Focus ALM Octane version 12.60.35.

Micro Focus Dimensions RM

- 94187: 'Dimensions RM' connector rebranded as 'Micro Focus Dimensions RM.'
- 93158: Added support for Dimensions RM (Serena) version 12.6.2.

Micro Focus PPM

- 94188: 'Micro Focus PPM (HPE)' connector rebranded as 'Micro Focus PPM.'
- 93354: Added support for Micro Focus PPM version 9.52.
- 90523: Added support for Micro Focus PPM version 9.51.

Micro Focus Solutions Business Manager

- 94196: 'Solutions Business Manager' connector rebranded to 'Micro Focus Solutions Business Manager' and logo updated.
- 91651: Added support for Micro Focus Solutions Business Manager version 11.5.

Microsoft Azure DevOps Server (TFS)

- 94037: Added support for Microsoft Azure DevOps Server version 2019.
- 93077: 'Microsoft Team Foundation Server' connector rebranded as 'Microsoft Azure DevOps Server (TFS).'
- 91650: Added support for Azure DevOps Server (formerly Microsoft TFS) version 2019 RC1.

Microsoft Project Server

- 92100: Added support for Actual Start and Actual Finish fields.
- 90418: The predecessor field is now supported as a 'relationships' field.

Mozilla Bugzilla

- 93306: Tasktop will no longer flow comments that are auto-created due to attachment creation.

Pivotal Tracker

- 92936: Tasktop will no longer flow comments that are auto-created due to attachment creation.

Planview Enterprise

- 94713: Effort and Assignees fields on the PPL level are now supported.

QASymphony qTest Manager

- 94504: Added support for QASymphony qTest Manager version 9.6.
- 93328: Added support for QASymphony qTest Manager version 9.5.3.

ServiceNow

- 92230: Added support for ServiceNow Madrid.

SmartBear QAComplete

- 94505: Added support for SmartBear QAComplete version 12.12.
- 93773: Added support for Smartbear QAComplete version 12.11.
- 93353: Added support for Smartbear QAComplete version 12.1.
- 92074: Added support for SmartBear QAComplete version 12.0.

Sparx Systems Pro Cloud Server

- 91104: Added support for Sparx Pro Cloud Server version 3.0.

Targetprocess

- 93906: Targetprocess connector now supports Portfolio Epics.

Tricentis Tosca

- 94315: The Test Case smart field now maps to the Test Case field on Execution Entries. The Test Execution smart field now maps to the Execution Entry field on Execution Test Case Logs.
- 92360: Test Case Folder and Execution List Folder are now supported as container types and can be used for container mirroring.
- 92359: Execution Lists are now supported as containers and can be used for container mirroring.

VersionOne

- 92422: Added support for VersionOne Winter 2019 (19.0)

Xebialabs XL Release

- 92141: Added support for Xebialabs XL Release version 8.5.

- 91653: Added support for template defined variables of type text, boolean, integer, date, list, list box, and set.

Zendesk

- 92935: Tasktop will no longer flow comments that are auto-created due to attachment creation.

Tasktop Release Notes - 19.2.0.20190409-b712

Posted: April 10, 2019

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 - Sparx Systems Pro Cloud Server
 - Targetprocess
 - VersionOne
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 - Zendesk

Upgrade Notes

Tasktop Integration Hub Upgrade Notes

Artifact Relationship Management (ARM)

- 93769: The transforms listed below are no longer available in editions that do not include the Git connector. These transforms were designed for use in SCM integrations specifically, and have high performance impacts on other integration types.
 - String to Relationship(s) by ID
 - Rich Text to Relationship(s) by ID

Operational Database

- 92908: While Tasktop is being upgraded, if any data integrity issues are discovered in the Artifact Associations table, the problematic records will be moved to a new table and associated integrations will generate an error, exposed on the Activity screen. If this happens, contact Tasktop customer support before clearing the error.

User Management

- 91307: Existing Tasktop admins will no longer be able to access the User Administration screen in Tasktop unless they are granted view-realm and view-clients roles via the backend User Administration Console. To do this, log into the Tasktop User Administration Console. Go to Manage>Users, and select the Tasktop admin. Go to the Role Mappings tab. Under Client Roles, select 'realm-management.' Assign the view-clients and view-realm roles.

Connector-Specific Upgrade Notes

Atlassian Jira

- 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.

BMC Remedy

- 92679: Customers will need to update their custom web services files (available in the Connector Docs) to ensure that performance when retrieving persons from the repository is not negatively affected.

Micro Focus ALM Octane

- 93561: If you are using the Application Modules field on Run entities in your Octane integrations, please contact Tasktop support to ensure existing integrations are not disrupted upon upgrade.

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 94511: Fixed a text wrapping UI issue on Activity screen.

- 87274: Fixed a UI issue where long artifact summaries weren't properly displayed on the Ignored Errors tab.

Artifact Relationship Management (ARM)

- 93499: Fixed an issue where Micro Focus ALM project renames would cause persistent errors for integrations flowing relationship(s) fields.
- 92362: Fixed an issue where an error was displayed when setting a relationship field value in the target repository and then setting that same relationship value in the source repository.

Collections

- 94329: When selecting projects for a collection and using the 'search' functionality to locate the project, users are now able to expand that project to view its children.
- 93310: When displaying values for option mapping, empty projects are skipped and logged, rather than erroring.
- 91929: Single- and multi-select values can now be mapped for all projects included in a collection (rather than just the first project).
- 91108: Fixed an issue where the "String to Relationship (by ID)" value transformation would fail to find a relationship.

Container Synchronization

- 90949: Fixed an issue where users saw an extraneous configuration warning icon for Container Mirroring when no configuration issues had occurred.
- 85276: Fixed a UI issue for artifact creation flow arrows on the Work Item + Container Synchronization integration configuration screen.

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.

Extensions

- 93734: Fixed an issue where custom data transformation extensions would fail if they included null input values.

Gateway

- 92495: Fixed an issue where Create via Gateway integrations were not working under the following circumstances:
 - Customer started using Hub prior to 17.2
 - Hub upgraded to 18.4 or later
 - Hub still using internal Derby database

Operational Database

- 93543: Database communication errors that occur during upgrade migrations now cause migrations to be immediately retried.
- 92908: Corrupt records in the Artifact Associations table will be moved to a new table when discovered. Associated integrations will be blocked.

Product Upgrades

- 92514: Fixed an issue where customers with Gateway integrations and legacy database structure could experience migration issues.
- 92408: Fixed an issue where Tasktop was unable to complete migration after upgrading for instances using Oracle 12C as their operational database.

Repositories

- 92053: Fixed an issue where the 'save' button was not available when Connection Security settings were modified on the Repository screen.

State Transitions

- 92947: Fixed an issue where state transitions would not be applied if the change that triggered it also moved the artifact out of a filter.
- 92338: Tasktop now explicitly logs state transition changes, and saves values for any field changed by a transition, not just those that were configured as part of the transition.
- 92099: Fixed a defect where values changed by state transitions could not be accessed when doing scripted value transformations.

Twinless Artifact Update

- 93459: Fixed an issue where Twinless Artifact Update could not create a comment when comment flow is not enabled.
- 93140: Fixed an issue where a failed Twinless Artifact Update would duplicate comments.
- 92691: Fixed an issue where Twinless Artifact Update would fail when an artifact changed type to leave the collection.
- 92339: Fixed an issue where Twinless Artifact Update could not add a comment to artifacts which already had comments.

User Management

- 91307: Fixed an issue where admins were unable to access User Management in Tasktop after upgrading Keycloak. Please note that a realm administrator is now required to have view-realm and view-clients permissions in order to fully access User Management.

Connector-Specific Fixes

Atlassian Jira

- 93670: Fixed an issue where multiple retries of certain operations were causing slower performance of Jira on premise integrations.
- 92690: Fixed an error that prevented synchronization of Jira issues with Epic links.
- 91982: Fixed an error that occurred when trying to save a Jira collection due to a misconfigured Service Desk plugin.

BMC Remedy

- 92679: Made optimizations to the BMC Remedy connector to improve retrieving large number of persons.
- 92243: Made optimizations in the BMC Remedy connector to improve searching over collections of large sizes.
- 90964: Fixed a bug in the BMC Remedy connector where attempts to update a work item could fail when that work item had a field with a user that could not be validated.

CA Agile Central (Rally)

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

GitHub Issues

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

IBM Rational DOORS

- 92455: Fixed an issue where requirements with an empty object text could not be synchronized.
- 92137: Fixed an issue where the IBM Rational Doors connector could wait indefinitely for an operation to complete.
- 91662: Fixed an issue where unsupported custom module only fields would show up as available fields for DOORS collections.
- 76576: Fixed an issue where the wrong error was displayed after failing to find an attachment for a Doors object.

IBM Rational Team Concert

- 94400: Fixed an issue where comments that exceeded the size limit for the RTC web UI attempted to flow to RTC, causing the web UI to break. RTC now correctly sets a maximum comment size, eliminating this issue.
- 90620: Fixed an issue where RTC changeset ordering caused false Tasktop activity entries to be logged.
- 92610: Fixed an issue where large attachments would fail to synchronize from IBM RTC to another repository.

iRise

- 94231: Fixed an iRise REST API issue where custom fields were cleared when non-custom fields were updated by Tasktop.
- 48559: iRise chapters' changes are now detected when any summary, content, or id fields are changed.

Jama

- 93605: Fixed an issue where an artifact's parent was updated erroneously.

Micro Focus ALM

- 92449: Fixed an issue where authentication failed when using Ping Federate authentication on ALM SaaS repositories.

Micro Focus ALM Octane

- 93561: The Application Modules field is no longer exposed in the schema for Run entities.

Microsoft Azure DevOps Server (TFS)

- 94258: Fixed an issue where updating an artifact with several relationship values could remove more relationships than expected.
- 93590: Fixed an issue where the connector would fail to retrieve a work item if that work item or one of its comments referenced a user that did not have a unique display name.
- 93295: Fixed an issue where the connector did not delete a potentially stale local cache of metadata from the server, leading to potential synchronization errors.
- 91051: Fixed an issue where discovering options for picklist fields could take a long time.

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.

PTC Integrity Lifecycle Manager

- 93720: PTC Integrity connector will now allow HTTP connections to be configured.
- 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.

QASymphony qTest Manager

- 93972: Fixed an error that occurred after setting a QASymphony single-select field to an inactive option.

Salesforce

- 93065: Fixed an issue where artifacts without a name would cause an error when appearing in search results.

Targetprocess

- 92222: Targetprocess person search was updated to only return Users and Requesters. A "Kind" field was added to Targetprocess persons to distinguish Users from Requesters.

WhiteHat Sentinel

- 92379: Fixed an issue where some fields editable in the web UI (Summary, Custom Asset ID, Asset owner name, and Asset phase) were not triggering change detection.
- 92240: Fixed an issue where Tasktop could not retrieve the Custom Asset ID field or the contents of the Description field for Asset (Site) artifacts.

Features

Tasktop Integration Hub Features

Collections

- 90996: Rich text field transformations can now be configured to use a non-default markup language.

Help

- 94045: The Support and Usage Report now contains the collection schema (the list of fields available for each collection) and collection mappings.

Integrations

- 91275: Updated user experience on Comment and Attachment flow pages.

Operational Database

- 94454: Implemented a caching layer to increase speed of artifact handle consolidation.

Product Upgrades

- 92428: Created affordances for Tasktop upgrades when artifacts in existing integrations had been treated as work items historically, but are treated as containers in newer Tasktop versions.

Settings

- 93660: Notification emails can now be configured on Cloud.
- 93458: SMTP credentials for email notifications are no longer required if you have an open SMTP relay.

Connector-Specific Features

Atlassian Jira

- 92937: Zephyr Test Execution Attachment notes can now flow as Attachment Description to other repositories (if supported there).
- 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.
- 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.
- 87046: Added support for Jira version 8.0.

Blueprint

- 92420: Added support for Blueprint 10.0 (with Storyteller 4.0).

- 67515: Custom folder types can now be synchronized as containers and used for artifact routing/container mirroring.

BMC Remedy

- 93816: Added support for Instancelid and Submitter fields for Incidents. Customers will need to update their custom web services files (available in the Connector Docs) to synchronize Instancelid and Submitter fields for Incidents.
- 92902: Attachments flowing into BMC Remedy will now result in the WorkInfo note showing the filename. This will make it easier to find an attachment (especially when multiple attachments are referred to in the description).
- 87936: Remedy version 18 up to version 18.08.01 is now supported. Customers must re-download the latest version of the custom web services available on Connector Documentation for Remedy 18 support.

CA PPM

- 92133: When configuring a collection, Tasktop now only lists artifact types and fields that have the corresponding NSQL queries on the server. Refer to the Connector Docs for the list of required NSQL queries.

GitLab Issues

- 94274: Added support for GitLab version 11.9.
- 93177: Added support for Gitlab version 11.8.
- 92117: Added support for Gitlab version 11.7.
- 91462: Added support for Gitlab version 11.6.
- 91116: Added support for GitLab On Demand.

IBM Rational Team Concert

- 92096: Added support for the Subscribed By field.

iRise

- 32668: iRise connector can now support search by user name, display name, first name, last name, and email address.

Micro Focus ALM

- 94197: 'Micro Focus ALM (HPE)' connector rebranded as 'Micro Focus ALM.'
- 94048: Added support for a much wider range of characters in attachment and web link names (including unicode characters).
- 92237: API key authentication is now supported on ALM On Premise version 12.60.
- 92035: Added support for Micro Focus ALM/QC version 14 Patch 2.
- 91713: Micro Focus (HPE) ALM Test Folders are now supported as Containers.

Micro Focus ALM Octane

- 94198: 'Micro Focus ALM Octane (HPE)' connector rebranded as 'Micro Focus ALM Octane'.
- 93774: Added support for Micro Focus ALM Octane version 12.60.35.

Micro Focus Dimensions RM

- 94187: 'Dimensions RM' connector rebranded as 'Micro Focus Dimensions RM.'
- 93158: Added support for Dimensions RM (Serena) version 12.6.2.

Micro Focus PPM

- 94188: 'Micro Focus PPM (HPE)' connector rebranded as 'Micro Focus PPM.'
- 93354: Added support for Micro Focus PPM version 9.52.
- 90523: Added support for Micro Focus PPM version 9.51.
- 83866: Added support for Micro Focus PPM version 9.50.

Micro Focus Solutions Business Manager

- 94196: 'Solutions Business Manager' connector rebranded to 'Micro Focus Solutions Business Manager' and logo updated.

Microsoft Azure DevOps Server (TFS)

- 94037: Added support for Microsoft Azure DevOps Server version 2019.
- 93077: 'Microsoft Team Foundation Server' connector rebranded as 'Microsoft Azure DevOps Server (TFS).'
- 91650: Added support for Azure DevOps Server (formerly Microsoft TFS) version 2019 RC1.

Microsoft Project Server

- 92100: Added support for Actual Start and Actual Finish fields.
- 90009: Added support for Microsoft Project Server version 2019.

Mozilla Bugzilla

- 93306: Tasktop will no longer flow comments that are auto-created due to attachment creation.

Pivotal Tracker

- 92936: Tasktop will no longer flow comments that are auto-created due to attachment creation.

Planview Enterprise

- 88938: Added support for Planview Enterprise One release 17.

QASymphony qTest Manager

- 93328: Added support for QASymphony qTest Manager version 9.5.3.

ServiceNow

- 92230: Added support for ServiceNow Madrid.

SmartBear QAComplete

- 93773: Added support for Smartbear QAComplete version 12.11.
- 93353: Added support for Smartbear QAComplete version 12.1.
- 92074: Added support for SmartBear QAComplete version 12.0.

Sparx Systems Pro Cloud Server

- 91104: Added support for Sparx Pro Cloud Server version 3.0.

Targetprocess

- 93906: Targetprocess connector now supports Portfolio Epics.

VersionOne

- 92422: Added support for VersionOne Winter 2019 (19.0)

XebiaLabs XL Release

- 92141: Added support for XebiaLabs XL Release version 8.5.
- 91653: Added support for template defined variables of type text, boolean, integer, date, list, list box, and set.

Zendesk

- 92935: Tasktop will no longer flow comments that are auto-created due to attachment creation.

Tasktop Release Notes - 19.2.0.20190121-b629

Posted: January 22, 2019

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 - Atlassian Jira (REST)

Upgrade Notes

Connector-Specific Upgrade Notes

Atlassian Jira (REST)

- 84674: • 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.

Micro Focus ALM Octane (HPE)

- 91002: If you are using private fields in your Octane integrations, please contact Tasktop support to ensure existing integrations are not disrupted upon upgrade.

QASymphony qTest Manager

- 91446: To prevent possible upgrade issues, stop all QASymphony integrations and end all user sessions for the configured QASymphony repository user before upgrading Tasktop.

Fixes

Tasktop Integration Hub Fixes

Integrations

- 91743: Fixed an issue where comments previously synchronized into TFS were duplicated upon upgrade to 18.4.

State Transitions

- 91478: Fixed an issue where state transition extensions that set person fields may encounter an exception when performing the transition.

Connector-Specific Fixes

Micro Focus ALM Octane (HPE)

- 91002: Fixed the Micro Focus ALM Octane connector to avoid exposing private fields for use in integrations.

Micro Focus PPM (HPE)

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

Microsoft Team Foundation Server

- 91714: Fixed an issue where some updates failed when links were removed and link comments were updated at the same time.
- 91529: Fixed an error encountered when synchronizing Double, Long, or Boolean values in certain locales.
- 91050: Fixed an issue where errors were sometimes improperly handled in localized TFS installations. This change enables the TFS connector to correctly detect, classify, and handle TFS REST error responses, regardless of the initial install language.

QASymphony qTest Manager

- 91446: Fixed an issue where an error could occur on Tasktop upgrade if token expiry was more than several minutes.

Tricentis Tosca

- 91833: In Tosca, custom 'date' fields are referenced in the UI, but truly behave as string fields. This fixes an issue where custom date fields were inadvertently not supported due to not being properly treated as strings.

Features

Connector-Specific Features

Atlassian Jira (REST)

- 84674: Due to GDPR changes made by Atlassian, the 'username' field (i.e. 'TasktopUser') has been replaced by the 'account ID' field (an alphanumeric string such as 'abc-123-def-456') for Jira Cloud and Zephyr Cloud. Please see upgrade notes for details on integration consequences. Behavior for Jira/Zephyr On Prem is unchanged.