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20.4 Release Notes

To learn about the differences between Continuous Delivery and Long Term Support, click [here](#).

★ indicates major quarterly release

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Tasktop Release Notes - 20.4.0.20200701-b1220

Posted: July 08, 2020

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Planview Enterprise
 - Salesforce
- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Integrations
 - Repositories
 - State Transitions
 - Connector-Specific Fixes
 - Atlassian Jira
 - IBM Rational DOORS
 - Jama
 - Micro Focus ALM
 - Micro Focus ALM Octane
 - Microsoft Azure DevOps Server (TFS)
 - Microsoft Sharepoint
 - Planview Enterprise
 - Planview LeanKit
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 - SDK
- Features
 - Tasktop Integration Hub Features
 - Activity & Issues
 - Help
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 - Misc
 - Settings
 - Connector-Specific Features
 - codeBeamer ALM
 - IBM Rational DOORS
 - Micro Focus ALM Octane
 - Salesforce

Upgrade Notes

Connector-Specific Upgrade Notes

Planview Enterprise

- 105932: A number of existing labels may need to be updated for 'Alternative' type fields in Planview. These are used to represent the multi-value fields available in Planview. If the user is using any of these field labels for a mapping, they will need to be updated.

The changes ensure the field label seen by the end user in the Planview GUI is the same as the one seen in Hub. Only the parent label will be updated. None of the options for the multi-value selects should change.

A small number of default fields may need to be updated. Details for specific versions are listed below.

Planview 18 Providing Org ART -> Providing Org / ART Release Breakdown -> Releases Sponsor -> Investment Sponsor

Planview 17 Providing Org -> Providing Organization Release Breakdown -> Releases

Planview 16 Providing Org -> Providing Organization Release Breakdown -> Releases

Planview 15 Providing Org -> Providing Organization Release Breakdown -> Releases

Customers may also need to update fields that meet the following criteria:

- Field is of type 'Alternative'
- In the Administration > Manage attributes view: The attribute's name is between the edit screen and the default view. By default this will not occur and a screenshot is attached to the ticket.

Salesforce

- 105949: Collections that use the read-only 'Record Type ID' multi-link field must be updated to use the writable Record Type single-select field instead.

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 105894: Improved performance on the Activity screen and enhanced full scan performance for Tasktop Integration Hub with SQL server.

- 105549: Activity requiring manual retry is now displayed under the Errors tab.
- 105465: Fixed an issue where ignoring processing errors did not stop them from retrying.

Integrations

- 106205: Fixed an issue where moving a work item between projects incorrectly resulted in a routing error.

Repositories

- 106379: Fixed an issue where the repository rate limiting settings did not update correctly.

State Transitions

- 105436: Fixed an issue where hidden field flows affected the result of a state transition extension.

Connector-Specific Fixes

Atlassian Jira

- 106292: Fixed an issue where comment retrieval failed when mappings were omitted from Jira Service Desk type mappings.
- 106065: Fixed an issue where the 'Sprint' field was incorrectly parsed and caused additional metadata to appear in the Sprint label.
- 105771: Fixed an issue with Jira OnDemand systems that caused sprint values to appear as empty.

IBM Rational DOORS

- 106314: Fixed an issue where the DOORS connector did not efficiently search for changed objects.
- 106150: Fixed an issue where the DOORS connector did not require a password.
- 105730: Fixed an issue where the IBM Rational DOORS connector did not close modules that were opened as part of reading or writing artifacts.

Jama

- 105979: Fixed an issue where invalid links on a Jama ticket caused artifact retrieval to fail.

Micro Focus ALM

- 106325: Fixed an issue where an attachment with an empty file size caused an error.

Micro Focus ALM Octane

- 105683: Fixed an issue where writing a new user tag with the same name as an existing user tag caused an error.

Microsoft Azure DevOps Server (TFS)

- 105256: Fixed an issue where assignee was overwritten in projects using the default Agile Process.

Microsoft Sharepoint

- 105612: Added support for the following characters in Sharepoint online attachments: ~#%&{}

Planview Enterprise

- 105932: Added support for a sub-section of 'Display at PPL only' fields and all customer user fields. Corrected the way a subset of Planview multi-value fields were labeled.
- 105737: Fixed an issue where custom single select options retrieved from Planview Enterprise One did not retain leading and trailing whitespace.

Planview LeanKit

- 106265: Fixed an issue where frequent changes to a Leankit board caused many stale artifact errors.

Polarion ALM

- 106015: Fixed an issue where artifacts created in Polarion caused failures and duplicates to be created in the target repository.

QASymphony qTest Manager

- 105832: Fixed an issue where some attachments with filenames containing specific characters could not be synchronized.

SDK-Specific Fixes

SDK

- 106803: Fixed an issue where trace logging contained unnecessary information about performing an internal method.

Features

Tasktop Integration Hub Features

Activity & Issues

- 104839: Added parameters as filters in the Error API.
- 104446: Users can now export the content of Issues, Errors, and Past Activity to a CSV file.

Help

- 99464: Users can now consume customer usage information through a new public Rest API.

Integrations

- 100745: Users can now filter integrations on the Integration screen by project name using the conditions Contains and Does not Contain.

Misc

- 99194: Field mapping screen and field flow screen now display an icon when a field is configured in an extension.

Settings

- 100946: The Settings screen is now separated by tabs.

Connector-Specific Features

codeBeamer ALM

- 103733: Added support for requirement ordering in codeBeamer 10.0.0+.

IBM Rational DOORS

- 100975: Added support for maintaining an object's hierarchical position within a module in the DOORS connector.

Micro Focus ALM Octane

- 105419: Test Run Steps is now supported as a read-only field in Micro Focus ALM Octane.

Salesforce

- 105949: 'Record Type ID' field is now a writable single-select field.

Tasktop Release Notes - 20.4.0.20200727-b1247

Posted: July 27, 2020

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - VersionOne
- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Collections
 - Container Synchronization
 - Help
 - Integrations
 - Misc
 - Operational Database
 - Product Upgrades
 - Twinless Artifact Update
 - Work Item Synchronization
 - Connector-Specific Fixes
 - IBM Rational DOORS Next Generation
 - Micro Focus ALM
 - Micro Focus ALM Octane
 - Planview Enterprise
 - Planview PPM Pro
 - ServiceNow
 - Targetprocess
 - WhiteHat Sentinel
- Features
 - Tasktop Integration Hub Features
 - Artifact Filtering
 - Collections
 - Misc
 - Test Management
 - Work Item Synchronization
 - Connector-Specific Features
 - Atlassian Jira
 - IBM Rational DOORS
 - IBM Rational DOORS Next Generation
 - IBM Rational Team Concert
 - Micro Focus ALM
 - Micro Focus ALM Octane

- [VersionOne](#)

Upgrade Notes

Connector-Specific Upgrade Notes

VersionOne

- 106493: If you have an existing VersionOne integration, you will be required to complete the following steps upon upgrading:
 1. Before upgrading, you should make a note of what project is selected in each VersionOne collection.
 2. Run the Hub upgrade process for your installation.
 - This will upgrade all existing VersionOne collections from VWL Projects to Container link Projects
 - All existing integrations with a VersionOne collection will no longer work
 - There will be a notification in the activity monitor stating that the integration routing will need to be configured
 3. You do not need to update the existing collection.
 - Collections containing more the one Project will now have duplicate projects. This can be resolved on the Activity screen by addressing the duplicate project warning. This should resolve automatically and remove any duplicate projects.
 4. For each integration with a VersionOne collection, you will need to configure artifact routing for their required project.
 5. As the existing artifact routing will no longer be valid, you will need to configure a new routing between each side.
 6. To maintain functionality, you will need to select the same project that was used as the Project / Container that is selected to route from the VersionOne integration.
 7. The integration will now run and scan each artifact in the relevant repository to ensure it is valid.

Note: Due to the way the search changes, a larger number of artifacts will be processed to determine if they are in the correct hierarchy. If they were incorrectly placed, there may be errors during processing.

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 106908: Labels of dates on the Activity screen have been updated to avoid confusion.
- 106428: Fixed an issue that caused resolved repository outages to block processing.

Collections

- 106905: An error is now quickly displayed when fields or options cannot be retrieved.

Container Synchronization

- 106996: Fixed an issue where artifacts were created without relationship or container fields when those fields were only writable upon creation.
- 106919: Fixed an issue where container matching failed due to the source container missing from its container hierarchy.

Help

- 107092: Fixed an issue where downloading a Support and Usage Report caused a timeout before the download completed when a repository was offline.
- 106554: Fixed an issue where downloading the Support and Usage Report failed if the master password was not initialized.

Integrations

- 107386: Fixed an issue where project specific filters were not applied to events generated from an artifact association import.
- 105650: Fixed an issue where cron expressions using numbers for the day of the week were not parsed correctly.

Misc

- 107052: Fixed an issue where the UI of Tasktop Integration Hub would not load when a repository was not responding.

Operational Database

- 107613: Fixed a deadlock error that occurred when using Derby.

Product Upgrades

- 107492: Fixed an error that occurred when upgrading to Tasktop Integration Hub version 20.2.17 or later on Oracle 12.1.

Twinless Artifact Update

- 105895: Fixed an issue where twinless artifact update failed to set single- or multi-select values that were added to the model after the artifact was last processed.

Work Item Synchronization

- 106557: Fixed an error that occurred when a large number of artifacts were removed from a collection.

Connector-Specific Fixes

IBM Rational DOORS Next Generation

- 105615: Fixed an issue in DOORS Next where parsing list items with trailing spaces caused an error.

Micro Focus ALM

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

Micro Focus ALM Octane

- 107139: Fixed an issue where Octane Test Step synchronization failed for multi-line description.

Planview Enterprise

- 105227: Options for the Integrated Status field of Planview worklogs can now be listed.

Planview PPM Pro

- 105933: Fixed an issue where an error occurred when listing values for List fields with no available options.

ServiceNow

- 106917: Fixed an issue where an incorrect error occurred when unable to retrieve a mapped relationship field.

Targetprocess

- 106833: Fixed an issue where a Sprint label mapped via extension script caused the TargetProcess Sprint name to be overwritten.

WhiteHat Sentinel

- 107180: Fixed an issue where duplicate labels from WhiteHat Sentinel caused integration failures.

Features

Tasktop Integration Hub Features

Artifact Filtering

- 105102: Artifact filtering has been added to Long and Double field types with the operators `<=`, `>=`, `<`, `>`, `=`.

Collections

- 106527: Added a 'Show More' link to display the full text in field and value mappings.

Misc

- 107143: The REST API for clearing integration data is now available at "api/v1/integrations/delete-integration-data" and "api/v1/integrations/delete-all-integration-data".
- 104592: The description box is now collapsed by default if there is no description.
- 100753: Error messages are now displayed when hovering over orange exclamation points.

Test Management

- 104487: Fields from other artifacts related to the artifact being processed can now flow.

Work Item Synchronization

- 107072: Added support for synchronizing Octane Test Runs with Micro Focus ALM Test Runs.

Connector-Specific Features

Atlassian Jira

- 103073: Added support Atlassian Jira version 8.7.

IBM Rational DOORS

- 106555: - IBM Rational DOORS is now known as IBM Engineering Requirements Management DOORS Family.
 - IBM Rational DOORS Next Gen is now known as IBM Engineering Requirements Management DOORS Next.
 - IBM Rational Quality Manager is now known as IBM Engineering Test Management.
 - IBM Rational Team Concert is now known as IBM Engineering Workflow Management.

IBM Rational DOORS Next Generation

- 106555: - IBM Rational DOORS is now known as IBM Engineering Requirements Management DOORS Family.
 - IBM Rational DOORS Next Gen is now known as IBM Engineering Requirements Management DOORS Next.
 - IBM Rational Quality Manager is now known as IBM Engineering Test Management.
 - IBM Rational Team Concert is now known as IBM Engineering Workflow Management.
- 104844: Added support for IBM Engineering Requirements Management DOORS Next version 7.0.

IBM Rational Team Concert

- 106555: - IBM Rational DOORS is now known as IBM Engineering Requirements Management DOORS Family.
 - IBM Rational DOORS Next Gen is now known as IBM Engineering Requirements Management DOORS Next.

- IBM Rational Quality Manager is now known as IBM Engineering Test Management.
- IBM Rational Team Concert is now known as IBM Engineering Workflow Management.

Micro Focus ALM

- 105913: Added support for the Test Parameter field.

Micro Focus ALM Octane

- 105975: Added support for Micro Focus ALM Octane version 15.0.60.

VersionOne

- 106617: Added support for VersionOne Spring 2020.
- 106493: When configuring artifact routing for integrations with either a Task or Test artifact in VersionOne, only the Container/Project route can be selected for inbound routing.
- 106264: Added support for VersionOne Winter 2020.

Tasktop Release Notes - 20.4.0.20200805-b1257

Posted: August 06, 2020

- Fixes
 - Tasktop Integration Hub Fixes
 - Collections
 - Container Synchronization
 - Integrations
 - Work Item Synchronization
 - Connector-Specific Fixes
 - IBM Rational ClearQuest
- Features
 - Connector-Specific Features
 - Micro Focus ALM

Fixes

Tasktop Integration Hub Fixes

Collections

- 107805: Fixed an invalid mapping error that occurred after enabling Micro Focus ALM Octane test step flow.

Container Synchronization

- 107638: Fixed an issue where artifacts were created without setting relationship or container fields when those fields were only writable upon creation and multiple artifact pairs existed for the relationship.

Integrations

- 107879: Data migrations will now attempt to retry temporary errors before failing.

Work Item Synchronization

- 106903: Added a consequence dialog on the Field Mapping screen when comments, attachments, or test steps fields become invalid. If an invalid mapping is saved, the field flow will be disabled for all associated integrations.

Connector-Specific Fixes

IBM Rational ClearQuest

- 107489: Fixed an issue where artifacts with many fields triggered a "Request URI too long" failure.

Features

Connector-Specific Features

Micro Focus ALM

- 107630: Timestamps in Micro Focus ALM comments can now be synchronized down to the second.

Tasktop Release Notes - 20.4.0.20200817-b1270

Posted: August 19, 2020

- Fixes
 - Tasktop Integration Hub Fixes
 - Misc
 - Work Item Synchronization
 - Connector-Specific Fixes
 - Planview PPM Pro
 - Targetprocess
 - Tricentis Tosca
 - Zendesk
- Features
 - Tasktop Integration Hub Features
 - Tasktop Integration Hub
 - Connector-Specific Features
 - Micro Focus ALM

Fixes

Tasktop Integration Hub Fixes

Misc

- 108042: Fixed an issue where the pills for a field value did not display properly when the field allowed unmapped values to flow.

Work Item Synchronization

- 108027: Fixed an issue where empty fields synchronized back to the source, which resulted in overwritten values during artifact creation.
- 107551: Fixed an issue where relationship fields configured with a "Upon Artifact Creation" field flow did not synchronize when the artifact was created.

Connector-Specific Fixes

Planview PPM Pro

- 108067: Fixed an issue where Planview PPM Pro synchronizations failed due to an invalid date format.

Targetprocess

- 107032: Fixed an issue where synchronizations from Targetprocess failed due to relationships with unsupported artifact types.

Tricentis Tosca

- 108025: Fixed an issue where a missing container ID caused a migration failure.

Zendesk

- 107210: Fixed an issue where retrieving tags using the Zendesk Agent role caused an error.

Features

Tasktop Integration Hub Features

Tasktop Integration Hub

- 105609: Issues are shown on Activity screen when the Rate Limiting is too high.

Connector-Specific Features

Micro Focus ALM

- 107761: Added 'dd-MMM-yy' and 'dd-MMM-yyyy' date format to the existing list of supported formats in Micro Focus ALM.

Tasktop Release Notes - 20.4.0.20200826-b1279

Posted: August 28, 2020

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Microsoft Azure DevOps Server (TFS)
- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Integrations
 - Connector-Specific Fixes
 - CA Agile Central (Rally)
 - GitHub Issues
 - Jama
 - Microsoft Azure DevOps Server (TFS)
 - Tricentis Tosca
- Features
 - Tasktop Integration Hub Features
 - Activity & Issues
 - Work Item Synchronization
 - Connector-Specific Features
 - PTC Integrity Lifecycle Manager

Upgrade Notes

Connector-Specific Upgrade Notes

Microsoft Azure DevOps Server (TFS)

- 107830: The 'ActivatedDate' and 'ActivatedBy' fields are now read-only.

If 'ActivatedDate' and 'ActivatedBy' fields are configured as writeable in existing Azure DevOps collections, an issue will appear on the Activity screen.

To remedy this issue, the collections will need to be updated so the fields are read-only.

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 108322: Fixed an issue where the errors REST API returned twice as many results as the requested page size.
- 108308: Improved the Activity Screen UI for long summary labels.

Integrations

- 108411: Fixed an issue where the integration list did not display properly after merging an existing integration into a Container + Work Item Integration.

Connector-Specific Fixes

CA Agile Central (Rally)

- 108090: Fixed an issue where an attachment retrieval update caused attachments not to flow.

GitHub Issues

- 108330: Fixed an issue where an API limit error was not retried automatically.

Jama

- 106374: Fixed an issue where relevant details in an error response were not included in the error message.

Microsoft Azure DevOps Server (TFS)

- 107830: Fixed an issue where 'ActivatedDate' and 'ActivatedBy' fields were incorrectly writeable.

Tricentis Tosca

- 108001: Improved performance when listing containers (e.g., folders or sets).

Features

Tasktop Integration Hub Features

Activity & Issues

- 107850: The errors REST API allows errors to be filtered by integration name.
- 107716: Ignored errors can now be configured to retry automatically.

Work Item Synchronization

- 97891: Attachments can now be filtered out of integrations by file extension.

Connector-Specific Features

PTC Integrity Lifecycle Manager

- 107833: X.509 certificate authentication is now supported.

Tasktop Release Notes - 20.4.0.20200903-b1292

Posted: September 04, 2020

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Aras Innovator
 - Micro Focus PPM
- Fixes
 - Tasktop Integration Hub Fixes
 - Integrations
 - Connector-Specific Fixes
 - Atlassian Jira
 - Micro Focus ALM
 - Zendesk
- Features
 - Tasktop Integration Hub Features
 - Artifact Filtering
 - Extensions
 - Installers
 - Tasktop Integration Hub
 - Connector-Specific Features
 - Aras Innovator
 - Micro Focus ALM
 - Micro Focus PPM

Upgrade Notes

Connector-Specific Upgrade Notes

Aras Innovator

- 108423: If you have any collections containing Status field mappings, you may need to remap them.

Micro Focus PPM

- 108181: If the Project field on a request is mapped to send values out of PPM, it will need to be remapped to a relationship field.

Fixes

Tasktop Integration Hub Fixes

Integrations

- 108165: Improved trace logging for test management artifacts that are filtered out.

Connector-Specific Fixes

Atlassian Jira

- 108403: Fixed an issue where comments in Jira were read-only if the Tasktop user did not have edit issues permissions.

Micro Focus ALM

- 108225: Fixed an issue where the connector set an incorrect test-order value.

Zendesk

- 108758: Fixed an issue where duplicate tags caused errors.

Features

Tasktop Integration Hub Features

Artifact Filtering

- 107847: Added the 'Not equals' operator for the Double and Long artifact filter.

Extensions

- 107384: Public REST API for extensions and key value stores has been implemented.

Installers

- 107826: Tasktop Hub lets customers externalize settings from Tomcat, Jboss/Keycloak, and some application properties in a single place so that customers can use properties file to override default values. (e.g. ports, keystore, memory, system variables)

Tasktop Integration Hub

- 107558: Updated the text in various parts of Tasktop Integration Hub to include the Flow Fabric™ brand.
- 104652: Artifact Model Field Values can now be configured using a text input.
- 95027: Tasktop Hub lets customers externalize settings from Tomcat, Jboss/Keycloak, and some application properties in a single place so that customers can use properties file to override default values. (e.g. ports, keystore, memory, system variables)

Connector-Specific Features

Aras Innovator

- 108423: The status fields on ECRs, PRs, and Parts are now single-select and support state transitions.

Micro Focus ALM

- 108518: Added 'dd-MMM-yy' and 'dd-MMM-yyyy' date format to the existing list of supported formats in Micro Focus ALM.

Micro Focus PPM

- 108181: Added support for the Project field on Requests as a relationship field.

Tasktop Release Notes - 20.4.0.20200914-b21

Posted: September 16, 2020

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - codeBeamer ALM
- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira
 - Jama
 - Micro Focus ALM
 - Micro Focus ALM Octane
 - Micro Focus PPM
- Features
 - Tasktop Integration Hub Features
 - Tasktop Integration Hub
 - Connector-Specific Features
 - codeBeamer ALM
 - Micro Focus PPM

Upgrade Notes

Connector-Specific Upgrade Notes

codeBeamer ALM

- 106382: Multi tracker item choice fields are now considered relationships instead of multi Value with Label fields. These fields will require re-mapping. Duration fields are now recognized as duration fields, these may require re-mapping.

Fixes

Connector-Specific Fixes

Atlassian Jira

- 108861: Fixed an issue that occurred when parsing an API response with an empty value.
- 108398: Fixed an issue where a worklog value of 0 minutes could not be set.
- 105862: Fixed an issue where synchronizations failed for the 'Assigned Sprint' field for Jira onDemand.

Jama

- 108803: Fixed an issue where an API response was not parsed properly.

Micro Focus ALM

- 105617: Fixed an issue where linebreak and escaped characters were not parsed correctly in Micro Focus ALM and Jira.

Micro Focus ALM Octane

- 108312: Fixed an issue where writing a new user tag with the same name as an existing user tag caused an error.

Micro Focus PPM

- 109055: Fixed an issue where items returned without fields caused an error.

Features

Tasktop Integration Hub Features

Tasktop Integration Hub

- 108186: Added 'label' to the collection display on extensions.

Connector-Specific Features

codeBeamer ALM

- 106382: Due to the phasing out of the v1 API, the codeBeamer connector will automatically detect the presence of the v3 API and use that when available (codeBeamer version 10+).

Micro Focus PPM

- 77991: Added support for formatted ID search for Requests in Micro Focus PPM.

Tasktop Release Notes - 20.4.0.20201005-b22

Posted: October 06, 2020

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - codeBeamer ALM
 - Micro Focus PPM
 - ServiceNow
- Fixes
 - Tasktop Integration Hub Fixes
 - Work Item Synchronization
 - Connector-Specific Fixes
 - Atlassian Jira
 - Atlassian Jira Align
 - BMC Remedy
 - codeBeamer ALM
 - Jama
 - Micro Focus ALM
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 - Micro Focus PPM
 - QASymphony qTest Manager
 - SmartBear QAComplete
 - Tricentis Tosca
 - VersionOne
 - SDK-Specific Fixes
 - SDK
- Features
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 - codeBeamer ALM
 - Micro Focus PPM
 - ServiceNow

Upgrade Notes

Connector-Specific Upgrade Notes

codeBeamer ALM

- 109352: Customers who have upgraded to Codebeamer 10.1 may find that person reconciliation may only work against person ID's, when the user being used to access Codebeamer has non-admin permissions.
- 106382: Upon upgrade, please update the following field mappings/extensions:
 - Multi-tracker item choice fields are now considered relationships and will need to be remapped.
 - Duration fields are now treated as duration fields and may require remapping.
 - Person searches are now case-sensitive. As such, person reconciliation extensions may need to be updated.

Micro Focus PPM

- 109167: If you have any URL fields mapped in a Micro Focus PPM integration, they will need to be remapped as string fields.
- 109006: Fields using 'SQL-User' validations are no longer supported as read-only string fields. Upon upgrading, any mapped read-only string fields will need to be re-mapped as Person fields.

ServiceNow

- 109128: A value in the 'Enabled Non-Task Extended Tables' list overrides the same value in the 'Fast Reference Field Support' and 'Full Reference Field Support' lists. If a value that was in either of these lists is now also added to 'Enabled Non-Task Extended Tables', users will need to update their field mapping for that column from Single Select to Artifact Link.

Fixes

Tasktop Integration Hub Fixes

Work Item Synchronization

- 109485: Fixed an issue that prevented Tasktop Integration Hub from closing properly when email notifications could not be sent.
- 109274: Fixed an issue where ignored errors failed upon retry with an unrelated error.
- 108631: Improved performance when loading a collection's field mapping screen.

Connector-Specific Fixes

Atlassian Jira

- 108976: Fixed an issue where 1000+ groups in Jira were not all visible in the mapping and filtering UI.
- 108861: Fixed an issue that occurred when parsing an API response with an empty value.
- 108398: Fixed an issue where a worklog value of 0 minutes could not be set.
- 105862: Fixed an issue where synchronizations failed for the 'Assigned Sprint' field for Jira onDemand.

Atlassian Jira Align

- 108559: Fixed an issue where invalid Jira Align API Tokens led to a misleading error message.
- 107845: Jira Align repository connection no longer shows the unsupported standard authentication method (username / password).

BMC Remedy

- 109110: Fixed an issue where artifact retrieval failed when comments were missing non-required fields.

codeBeamer ALM

- 109352: Fixed an issue on Codebeamer 10.1 where non-admin users may not have permission to access the /user endpoint. When this endpoint is not available, the connector will fall back to generating Persons based on their numeric ID with no additional information on the Person object.
- 109342: Fixed an issue that interfered with artifact retrieval when some fields were empty.
- 108387: Fixed an issue where synchronizing Codebeamer images in rich text values caused an error.

Jama

- 108803: Fixed an issue where an API response was not parsed properly.

Micro Focus ALM

- 105617: Fixed an issue where linebreak and escaped characters were not parsed correctly in Micro Focus ALM and Jira.

Micro Focus ALM Octane

- 108312: Fixed an issue where writing a new user tag with the same name as an existing user tag caused an error.

Micro Focus PPM

- 109167: Fixed an issue where values could not be retrieved for Micro Focus PPM URL fields.
- 109055: Fixed an issue where items returned without fields caused an error.

QASymphony qTest Manager

- 109343: Improved performance when working with a large number of modules.

SmartBear QAComplete

- 109270: Fixed an issue where new read-only fields in QAComplete (12.6) incorrectly appeared as writeable and had the wrong field type on the artifact schema.

Tricentis Tosca

- 109159: Fixed an issue where not all changes were detected when using a virtual folder search with Tosca.

VersionOne

- 108684: Fixed an issue where a user with reduced project access could not retrieve the expected project tree(s).
- 108604: Fixed an issue where an unnecessary error appeared when a required field had an empty value upon artifact retrieval.

SDK-Specific Fixes

SDK

- 108999: Improved the performance of container integrations.

Features

Tasktop Integration Hub Features

Extensions

- 108186: Added 'label' to the collection display on extensions.

Tasktop Integration Hub

- 104665: Admin users have the option to see values in clear text when entering them in confidential key store.

Connector-Specific Features

Aras Innovator

- 108667: Added support for state transitions on Express ECOs
- 108449: Express ECOs have been introduced as a supported field type with support for basic out of the box fields.
- 108424: Simple ECOs have been introduced as a supported field type

codeBeamer ALM

- 107635: Added support for Codebeamer 10.1
- 106382: The codeBeamer connector will automatically detect the presence of the v3 API and use it when available (codeBeamer version 10+).

Micro Focus PPM

- 109006: The Micro Focus PPM connector now supports fields that use 'SQL-User' validations as Person fields.
- 77991: Added support for formatted ID search for Requests in Micro Focus PPM.

ServiceNow

- 109128: Added 'Enabled Non-Task Extended Tables' field on the ServiceNow Repository Connection screen that will allow users to synchronize tables not extended from the Task table.

Tasktop Release Notes - 20.4.0.20201016-b23

Posted: October 20, 2020

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Upgrade Notes

Connector-Specific Upgrade Notes

codeBeamer ALM

- 109352: Customers who have upgraded to Codebeamer 10.1 may find that person reconciliation may only work against person ID's, when the user being used to access Codebeamer has non-admin permissions. Person reconciliation scripts may need to be updated to reflect this change.
- 106382: Upon upgrade, please update the following field mappings/extensions:
 - Multi-tracker item choice fields are now considered relationships and will need to be remapped.
 - Duration fields are now treated as duration fields and may require remapping.
 - Person searches are now case-sensitive. As such, person reconciliation extensions may need to be updated.

Micro Focus PPM

- 109167: If you have any URL fields mapped in a Micro Focus PPM integration, they will need to be remapped as string fields.
- 109006: Fields using 'SQL-User' validations are no longer supported as read-only string fields. Upon upgrading, any mapped read-only string fields will need to be re-mapped as Person fields.

ServiceNow

- 109128: A value in the 'Enabled Non-Task Extended Tables' list overrides the same value in the 'Fast Reference Field Support' and 'Full Reference Field Support' lists. If a value that was in either of these lists is now also added to 'Enabled Non-Task Extended Tables', users will need to update their field mapping for that column from Single Select to Artifact Link.

Fixes

Tasktop Integration Hub Fixes

Container Synchronization

- 109949: Fixed an issue where moving routes between integrations failed due to deleted containers.

Extensions

- 110126: Fixed an issue where comments might not be synchronized when using an extension that filtered comments.

User Management

- 109915: Fixed an issue where the Keycloak h2 database could become corrupted following an upgrade.

Work Item Synchronization

- 109766: Fixed an issue that prevented processing when a "Retry All" occurred.
- 109485: Fixed an issue that prevented Tasktop Integration Hub from closing properly when email notifications could not be sent.
- 109274: Fixed an issue where ignored errors failed upon retry with an unrelated error.
- 108631: Improved performance when loading a collection's field mapping screen.

Connector-Specific Fixes

Aras Innovator

- 109261: The connector will now handle authentication expiry and provide the correct error.

Atlassian Jira

- 109896: Fixed an issue where an inaccessible board caused listing sprints to fail.
- 108976: Fixed an issue where 1000+ groups in Jira were not all visible in the mapping and filtering UI.
- 108861: Fixed an issue that occurred when parsing an API response with an empty value.
- 108398: Fixed an issue where a worklog value of 0 minutes could not be set.
- 105862: Fixed an issue where synchronizations failed for the 'Assigned Sprint' field for Jira onDemand.

Atlassian Jira Align

- 109852: Mitigates an issue where large numbers of options (e.g. Teams, Releases, Programs,...) may cause the API rate limit to be exceeded by ensuring that the maximum page size is used when retrieving the options.
- 108559: Fixed an issue where invalid Jira Align API Tokens led to a misleading error message.
- 107845: Jira Align repository connection no longer shows the unsupported standard authentication method (username / password).

BMC Remedy

- 109723: Fixed an issue where case-insensitive options caused artifact retrieval failures.

- 109110: Fixed an issue where artifact retrieval failed when comments were missing non-required fields.

codeBeamer ALM

- 109352: Fixed an issue on Codebeamer 10.1 where non-admin users may not have permission to access the /user endpoint. When this endpoint is not available, the connector will fall back to generating Persons based on their numeric ID with no additional information on the Person object.
- 109342: Fixed an issue that interfered with artifact retrieval when some fields were empty.
- 108387: Fixed an issue where synchronizing Codebeamer images in rich text values caused an error.

IBM Rational Team Concert

- 107661: Fixed an issue where re-authentication could not be performed after receiving a bad gateway response.

Jama

- 108803: Fixed an issue where an API response was not parsed properly.

Micro Focus ALM

- 109567: Fixed an issue where Micro Focus ALM artifacts could not be filtered by modification date.
- 105617: Fixed an issue where linebreak and escaped characters were not parsed correctly in Micro Focus ALM and Jira.

Micro Focus ALM Octane

- 108312: Fixed an issue where writing a new user tag with the same name as an existing user tag caused an error.

Micro Focus PPM

- 109167: Fixed an issue where values could not be retrieved for Micro Focus PPM URL fields.
- 109055: Fixed an issue where items returned without fields caused an error.

QASymphony qTest Manager

- 109343: Improved performance when working with a large number of modules.

ServiceNow

- 109888: Fixed an issue where retrieving an artifact from ServiceNow sometimes failed with a null pointer exception.

SmartBear QAComplete

- 109270: Fixed an issue where new read-only fields in QAComplete (12.6) incorrectly appeared as writeable and had the wrong field type on the artifact schema.

Tricentis Tosca

- 109159: Fixed an issue where not all changes were detected when using a virtual folder search with Tosca.

VersionOne

- 108684: Fixed an issue where a user with reduced project access could not retrieve the expected project tree(s).
- 108604: Fixed an issue where an unnecessary error appeared when a required field had an empty value upon artifact retrieval.

SDK-Specific Fixes

SDK

- 109600: Fixed an issue where entries in the container cache were evicted without cause.
- 108999: Improved the performance of container integrations.

Features

Tasktop Integration Hub Features

Extensions

- 108186: Added 'label' to the collection display on extensions.
- 104665: Admin users have the option to see values in clear text when entering them in confidential key store.

Connector-Specific Features

Aras Innovator

- 109369: Added support for Affected Item as a read-only artifact type.

- 108667: Added support for state transitions on Express ECOs
- 108449: Added Express ECOs as a supported artifact type with support for basic out-of-the-box fields.
- 108424: Simple ECOs have been introduced as a supported artifact type

codeBeamer ALM

- 107635: Added support for Codebeamer 10.1
- 106382: The codeBeamer connector will automatically detect the presence of the v3 API and use it when available (codeBeamer version 10+).

Micro Focus PPM

- 109006: The Micro Focus PPM connector now supports fields that use 'SQL-User' validations as Person fields.
- 109004: Added support for writing SQL backed validations.
- 108830: Added support for Micro Focus PPM version 9.55.
- 77991: Added support for formatted ID search for Requests in Micro Focus PPM.

ServiceNow

- 109128: Added 'Enabled Non-Task Extended Tables' field on the ServiceNow Repository Connection screen that will allow users to synchronize tables not extended from the Task table.

Tasktop Release Notes - 20.4.4

Posted: November 10, 2020

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Upgrade Notes

Tasktop Integration Hub Upgrade Notes

Activity & Issues

- 107892: Tasktop Hub no longer blocks integrations with one or more invalid projects. This may result in a large number of errors during upgrade if some projects are closed or deleted.

Tasktop Integration Hub

- 110856: In Tasktop Hub 20.4, Windows Server 2008 R2 SP1 and Windows 7 SP1 operating systems **will no longer be supported**. Before upgrading to this version, please **update any instances** using these operating systems.

Connector-Specific Upgrade Notes

Aras Innovator

- 108423: If you have any collections containing Status field mappings, you may need to remap them.

codeBeamer ALM

- 109352: If you have upgraded to Codebeamer 10.1, you may notice that person reconciliation may only work against person IDs when the user used to access Codebeamer has non-admin permissions. Person reconciliation scripts may need to be updated to reflect this change.
- 106382: Upon upgrade, please update the following field mappings/extensions:
 - Multi-tracker item choice fields are now considered relationships and will need to be remapped.
 - Duration fields are now treated as duration fields and may require remapping.
 - Person searches are now case-sensitive. As such, person reconciliation extensions may need to be updated.

Micro Focus PPM

- 109167: If you have any URL fields mapped in a Micro Focus PPM integration, they will need to be remapped as string fields.

- 109006: Fields using 'SQL-User' validations are no longer supported as read-only string fields. Upon upgrading, any mapped read-only string fields will need to be re-mapped as Person fields.
- 108181: If the Project field on a request is mapped to send values out of PPM, it will need to be remapped to a relationship field.

Microsoft Azure DevOps Server (TFS)

- 107830: The 'ActivatedDate' and 'ActivatedBy' fields are now read-only. If 'ActivatedDate' and 'ActivatedBy' fields are configured as writeable in existing Azure DevOps collections, an issue will appear on the Activity screen. To remedy this issue, the collections will need to be updated so the fields are read-only.

Planview Enterprise

- 105932: A number of existing labels may need to be updated for 'Alternative' type fields in Planview. These are used to represent the multi-value fields available in Planview. If you are using any of these field labels for a mapping, they will need to be updated.

The changes ensure the field label seen by the end-user in the Planview GUI is the same as the one seen in Hub. Only the parent label will be updated. None of the options for the multi-value selects should change.

A small number of default fields may need to be updated. Details for specific versions are listed below.

Planview 18 Providing Org ART -> Providing Org / ART Release Breakdown -> Releases Sponsor -> Investment Sponsor

Planview 17 Providing Org -> Providing Organization Release Breakdown -> Releases

Planview 16 Providing Org -> Providing Organization Release Breakdown -> Releases

Planview 15 Providing Org -> Providing Organization Release Breakdown -> Releases

You may also need to update fields that meet the following criteria:

- Field is of type 'Alternative'
- In the Administration > Manage attributes view: The attribute's name is between the edit screen and the default view. By default, this will not occur and a screenshot is attached to the ticket.

Salesforce

- 105949: Collections that use the read-only 'Record Type ID' multi-link field must be updated to use the writable Record Type single-select field instead.

ServiceNow

- 109128: A value in the 'Enabled Non-Task Extended Tables' list overrides the same value in the 'Fast Reference Field Support' and 'Full Reference Field Support' lists. If a value that was in either of these lists is now also added to 'Enabled Non-Task Extended Tables', you will need to update the field mapping for that column from Single Select to Artifact Link.

VersionOne

- 106493: If you have an existing VersionOne integration, you will be required to complete the following steps upon upgrading:
 1. Before upgrading, you should make a note of what project is selected in each VersionOne collection.
 2. Run the Hub upgrade process for your installation.
 - This will upgrade all existing VersionOne collections from VWL Projects to Container link Projects
 - All existing integrations with a VersionOne collection will no longer work
 - There will be a notification in the activity monitor stating that the integration routing will need to be configured
 3. You do not need to update the existing collection.
 - Collections containing more than one Project will now have duplicate projects. This can be resolved on the Activity screen by addressing the duplicate project warning. This should resolve automatically and remove any duplicate projects.
 4. For each integration with a VersionOne collection, you will need to configure artifact routing for their required project.
 5. As the existing artifact routing will no longer be valid, you will need to configure a new routing between each side.
 6. To maintain functionality, you will need to select the same project that was used as the Project / Container that is selected to route from the VersionOne integration.
 7. The integration will now run and scan each artifact in the relevant repository to ensure it is valid.

Note: Due to the way the search changes, a larger number of artifacts will be processed to determine if they are in the correct hierarchy. If they were incorrectly placed, there may be errors during processing.

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 108322: Fixed an issue where the errors REST API returned twice as many results as the requested page size.
- 108308: Improved the Activity Screen UI for long summary labels.
- 106908: Labels of dates on the Activity screen have been updated to avoid confusion.
- 106428: Fixed an issue that caused resolved repository outages to block processing.

- 105894: Improved performance on the Activity screen and enhanced full scan performance for Tasktop Integration Hub with SQL server.
- 105549: Activity requiring manual retry is now displayed under the Errors tab.
- 105465: Fixed an issue where ignoring processing errors did not stop them from retrying.

Collections

- 107805: Fixed an invalid mapping error that occurred after enabling Micro Focus ALM Octane test step flow.
- 106905: An error is now quickly displayed when fields or options cannot be retrieved.

Container Synchronization

- 109949: Fixed an issue where moving routes between integrations failed due to deleted containers.
- 107638: Fixed an issue where artifacts were created without setting relationship or container fields when those fields were only writable upon creation and multiple artifact pairs existed for the relationship.
- 106996: Fixed an issue where artifacts were created without relationship or container fields when those fields were only writable upon creation.
- 106919: Fixed an issue where container matching failed due to the source container missing from its container hierarchy.

Help

- 107092: Fixed an issue where downloading a Support and Usage Report caused a timeout before the download completed when a repository was offline.
- 106554: Fixed an issue where downloading the Support and Usage Report failed if the master password was not initialized.

Extensions

- 110126: Fixed an issue where comments might not be synchronized when using an extension that filtered comments.

Installers

- 109653: Fixed an issue on Linux where stopping Tasktop Hub could fail if it was still starting up.

Integrations

- 108411: Fixed an issue where the integration list did not display properly after merging an existing integration into a Container + Work Item Integration.
- 108165: Improved trace logging for test management artifacts that are filtered out.
- 107879: Data migrations will now attempt to retry temporary errors before failing.

- 107386: Fixed an issue where project specific filters were not applied to events generated from an artifact association import.
- 106205: Fixed an issue where moving a work item between projects incorrectly resulted in a routing error.
- 105650: Fixed an issue where cron expressions using numbers for the day of the week were not parsed correctly.

Misc

- 108042: Fixed an issue where the pills for a field value did not display properly when the field allowed unmapped values to flow.
- 107052: Fixed an issue where the UI of Tasktop Integration Hub would not load when a repository was not responding.

Operational Database

- 107613: Fixed a deadlock error that occurred when using Derby.

Product Upgrades

- 107492: Fixed an error that occurred when upgrading to Tasktop Integration Hub version 20.2.17 or later on Oracle 12.1.

Repositories

- 106379: Fixed an issue where the repository rate-limiting settings did not update correctly.

State Transitions

- 105436: Fixed an issue where hidden field flows affected the result of a state transition extension.

Twinless Artifact Update

- 105895: Fixed an issue where Twinless Artifact Update failed to set single- or multi-select values that were added to the model after the artifact was last processed.

User Management

- 109915: Fixed an issue where the Keycloak h2 database could become corrupted following an upgrade.

Work Item Synchronization

- 109766: Fixed an issue that prevented processing when a "Retry All" occurred.

- 109485: Fixed an issue that prevented Tasktop Integration Hub from closing properly when email notifications could not be sent.
- 109274: Fixed an issue where ignored errors failed upon retry with an unrelated error.
- 108631: Improved performance when loading a collection's Field Mapping screen.
- 108027: Fixed an issue where empty fields synchronized back to the source, which resulted in overwritten values during artifact creation.
- 107551: Fixed an issue where relationship fields configured with an "Upon Artifact Creation" field flow did not synchronize when the artifact was created.
- 106903: Added a consequence dialog on the Field Mapping screen when comments, attachments, or test steps fields become invalid. If an invalid mapping is saved, the field flow will be disabled for all associated integrations.
- 106557: Fixed an error that occurred when a large number of artifacts were removed from a collection.

Connector-Specific Fixes

Aras Innovator

- 109261: The connector will now handle authentication expiry and provide the correct error.

Atlassian Jira

- 109896: Fixed an issue where an inaccessible board caused listing sprints to fail.
- 108976: Fixed an issue where 1000+ groups in Jira were not all visible in the mapping and filtering UI.
- 108403: Fixed an issue where comments in Jira were read-only if the Tasktop user did not have edit issues permissions.
- 108861: Fixed an issue that occurred when parsing an API response with an empty value.
- 108398: Fixed an issue where a worklog value of 0 minutes could not be set.
- 106292: Fixed an issue where comment retrieval failed when mappings were omitted from Jira Service Desk type mappings.
- 106065: Fixed an issue where the 'Sprint' field was incorrectly parsed and caused additional metadata to appear in the Sprint label.
- 105862: Fixed an issue where synchronizations failed for the 'Assigned Sprint' field for Jira OnDemand.
- 105771: Fixed an issue with Jira OnDemand systems that caused sprint values to appear as empty.

Atlassian Jira Align

- 109852: Fixed an issue where large numbers of options (e.g.. Teams, Releases, Programs) caused the API rate limit to be exceeded by ensuring that the maximum page size was used when retrieving the options.
- 108559: Fixed an issue where invalid Jira Align API Tokens led to a misleading error message.
- 107845: The Jira Align Repository Connection screen no longer shows the unsupported standard authentication method.

BMC Remedy

- 109723: Fixed an issue where case-insensitive options caused artifact retrieval failures.
- 109110: Fixed an issue where artifact retrieval failed when comments were missing non-required fields.

CA Agile Central (Rally)

- 108090: Fixed an issue where an attachment retrieval update caused attachments not to flow.

codeBeamer ALM

- 109352: Fixed an issue in Codebeamer 10.1 where non-admin users did not have permission to access the /user endpoint. When this endpoint is not available, the connector will generate Persons based on their numeric ID with no additional information on the Person object.
- 109342: Fixed an issue that interfered with artifact retrieval when some fields were empty.
- 108387: Fixed an issue where synchronizing Codebeamer images in rich text values caused an error.

GitHub Issues

- 108330: Fixed an issue where an API limit error was not retried automatically.

IBM Rational ClearQuest

- 107489: Fixed an issue where artifacts with many fields triggered a "Request URI too long" failure.

IBM Rational DOORS

- 110033: Fixed an issue where a thread interruption exception was not surfaced when closing a DOORS module.
- 106314: Fixed an issue where the DOORS connector did not efficiently search for changed objects.
- 106150: Fixed an issue where the DOORS connector did not require a password.
- 105730: Fixed an issue where the IBM Rational DOORS connector did not close modules that were opened as part of reading or writing artifacts.

IBM Rational DOORS Next Generation

- 105615: Fixed an issue in DOORS Next where parsing list items with trailing spaces caused an error.

IBM Rational Team Concert

- 107661: Fixed an issue where re-authentication could not be performed after receiving a bad gateway response.

Jama

- 108803: Fixed an issue where an API response was not parsed properly.
- 106374: Fixed an issue where relevant details in an error response were not included in the error message.
- 105979: Fixed an issue where invalid links on a Jama ticket caused artifact retrieval to fail.

Micro Focus ALM

- 109567: Fixed an issue where Micro Focus ALM artifacts could not be filtered by modification date.
- 108225: Fixed an issue where the connector set an incorrect test-order value.
- 106896: Fixed an issue where token expiry was not properly detected, which caused errors that blocked integrations.
- 106325: Fixed an issue where an attachment with an empty file size caused an error.
- 105617: Fixed an issue where linebreak and escaped characters were not parsed correctly in Micro Focus ALM and Jira.

Micro Focus ALM Octane

- 108312: Fixed an issue where writing a new user tag with the same name as an existing user tag caused an error.
- 107139: Fixed an issue where Octane Test Step synchronization failed for multi-line description.

Micro Focus PPM

- 109167: Fixed an issue where values could not be retrieved for Micro Focus PPM URL fields.
- 109055: Fixed an issue where items returned without fields caused an error.

Microsoft Azure DevOps Server (TFS)

- 107830: Fixed an issue where 'ActivatedDate' and 'ActivatedBy' fields were incorrectly writeable.
- 105256: Fixed an issue where assignee was overwritten in projects using the default Agile Process.

Microsoft Sharepoint

- 105612: Added support for the following characters in Sharepoint online attachments: ~#%& {}.

Planview Enterprise

- 105932: Added support for a sub-section of 'Display at PPL only' fields and all customer user fields. Corrected the way a subset of Planview multi-value fields were labeled.
- 105737: Fixed an issue where custom single select options retrieved from Planview Enterprise One did not retain leading and trailing whitespace.
- 105227: Options for the Integrated Status field of Planview worklogs can now be listed.

Planview LeanKit

- 106265: Fixed an issue where frequent changes to a Leankit board caused many stale artifact errors.

Planview PPM Pro

- 108699: Fixed an issue where PPM Pro artifacts were not retrieved due to an empty value.
- 108067: Fixed an issue where Planview PPM Pro synchronizations failed due to an invalid date format.
- 105933: Fixed an issue where an error occurred when listing values for List fields with no available options.

Polarion ALM

- 106015: Fixed an issue where artifacts created in Polarion caused failures and duplicates to be created in the target repository.

QASymphony qTest Manager

- 109343: Improved performance when working with a large number of modules.
- 105832: Fixed an issue where some attachments with filenames containing certain characters could not be synchronized.

ServiceNow

- 109888: Fixed an issue where retrieving an artifact from ServiceNow sometimes failed with a null pointer exception.
- 106917: Fixed an issue where an incorrect error occurred when unable to retrieve a mapped relationship field.

SmartBear QAComplete

- 109270: Fixed an issue where new read-only fields in QAComplete (12.6) incorrectly appeared as writeable and had the wrong field type on the artifact schema.

Targetprocess

- 107032: Fixed an issue where synchronizations from Targetprocess failed due to relationships with unsupported artifact types.
- 106833: Fixed an issue where a Sprint label mapped via extension script caused the Targetprocess Sprint name to be overwritten.

Tricentis Tosca

- 109159: Fixed an issue where not all changes were detected when using a virtual folder search with Tosca.
- 108025: Fixed an issue where a missing container ID caused a migration failure.
- 108001: Improved performance when listing containers (e.g., folders or sets).

VersionOne

- 108684: Fixed an issue where a user with reduced project access could not retrieve the expected project tree(s).
- 108604: Fixed an issue where an unnecessary error appeared when a required field had an empty value upon artifact retrieval.

WhiteHat Sentinel

- 107180: Fixed an issue where duplicate labels from WhiteHat Sentinel caused integration failures.

Zendesk

- 108758: Fixed an issue where duplicate tags caused errors.
- 107210: Fixed an issue where retrieving tags using the Zendesk Agent role caused an error.

SDK-Specific Fixes

SDK

- 109600: Fixed an issue where entries in the container cache were evicted without cause.
- 108999: Improved the performance of container integrations.
- 106803: Fixed an issue where trace logging contained unnecessary information about performing an internal method.

Features

Tasktop Integration Hub Features

Activity & Issues

- 107892: Errors affecting specific projects no longer block the entire integration; only the affected projects are blocked.
- 107850: The errors REST API now allows errors to be filtered by integration name.
- 107716: Ignored errors can now be configured to retry automatically.
- 104839: Added parameters as filters in the Error API.
- 104446: Users can now export the content of Issues, Errors, and Past Activity to a CSV file.
- 105609: Issues now appear on the Activity screen when the Rate Limiting is too high.

Artifact Filtering

- 107847: Added the 'Not equals' operator for the Double and Long artifact filter.
- 105102: Artifact filtering has been added to Long and Double field types with the operators `<=`, `>=`, `<`, `>`, `=`.

Collections

- 106527: Added a 'Show More' link to display the full text in field and value mappings.

Extensions

- 108186: Added 'label' to the collection display on extensions.
- 107384: Public REST API for extensions and key value stores has been implemented.
- 104665: Admin users have the option to see values in clear text when entering them in a confidential key store.

Help

- 99464: Users can now consume customer usage information through a new public REST API.

Integrations

- 100745: Users can now filter integrations on the Integration screen by project name using the conditions Contains and Does not Contain.

Installers

- 107826: Tasktop Hub now allows you to externalize settings from Tomcat, Jboss/Keycloak, and certain application properties in a single place so you can use the properties file to override default values (e.g., ports, keystore, memory, system variables).

Misc

- 107143: The REST API for clearing integration data is now available at `"api/v1/integrations/delete-integration-data"` and `"api/v1/integrations/delete-all-integration-data"`.

- 104592: The description box is now collapsed by default if there is no description.
- 100753: Error messages are now displayed when hovering over orange exclamation points.
- 99194: Field mapping screen and field flow screen now display an icon when a field is configured in an extension.
- 107558: Updated the text in various parts of Tasktop Integration Hub to include the Flow Fabric™ brand.

Models

- 104652: Artifact Model Field Values can now be configured using a text input.

Settings

- 100946: The Settings screen is now separated by tabs.

Tasktop Integration Hub

- 95027: Tasktop Hub now allows you to externalize settings from Tomcat, Jboss/Keycloak, and certain application properties in a single place so you can use the properties file to override default values (e.g., ports, keystore, memory, system variables).

Test Management

- 104487: Fields from linked artifacts can now flow as part of an integration.

Work Item Synchronization

- 107072: Added support for synchronizing Octane Test Runs with Micro Focus ALM Test Runs.
- 97891: Attachments can now be filtered out of integrations by file extension.

Connector-Specific Features

Aras Innovator

- 110031: Added support for Express EDRs as an artifact type.
- 109369: Added support for Affected Item as a read-only artifact type.
- 108667: Added support for state transitions on Express ECOs
- 108449: Added Express ECOs as a supported artifact type with support for basic out-of-the-box fields.
- 108424: Added support for Simple ECOs as an artifact type.
- 108423: The status fields on ECRs, PRs, and Parts are now single-select and support state transitions.

Atlassian Jira

- 103073: Added support Atlassian Jira version 8.7.

codeBeamer ALM

- 107635: Added support for Codebeamer 10.1.
- 106382: The codeBeamer connector will now automatically detect the presence of the v3 API and use it when available (codeBeamer version 10+).
- 103733: Added support for requirement ordering in codeBeamer 10.0.0+.

IBM Rational DOORS

- 106555: - IBM Rational DOORS is now known as IBM Engineering Requirements Management DOORS Family.
 - IBM Rational DOORS Next Gen is now known as IBM Engineering Requirements Management DOORS Next.
 - IBM Rational Quality Manager is now known as IBM Engineering Test Management.
 - IBM Rational Team Concert is now known as IBM Engineering Workflow Management.
- 100975: Added support for maintaining an object's hierarchical position within a module in the DOORS connector.

IBM Rational DOORS Next Generation

- 106555: - IBM Rational DOORS is now known as IBM Engineering Requirements Management DOORS Family.
 - IBM Rational DOORS Next Gen is now known as IBM Engineering Requirements Management DOORS Next.
 - IBM Rational Quality Manager is now known as IBM Engineering Test Management.
 - IBM Rational Team Concert is now known as IBM Engineering Workflow Management.
- 104844: Added support for IBM Engineering Requirements Management DOORS Next version 7.0.

IBM Rational Team Concert

- 106555: - IBM Rational DOORS is now known as IBM Engineering Requirements Management DOORS Family.
 - IBM Rational DOORS Next Gen is now known as IBM Engineering Requirements Management DOORS Next.
 - IBM Rational Quality Manager is now known as IBM Engineering Test Management.
 - IBM Rational Team Concert is now known as IBM Engineering Workflow Management.

Micro Focus ALM

- 108518: Added 'dd-MMM-yy' and 'dd-MMM-yyyy' date format to the existing list of supported formats in Micro Focus ALM.

- 107630: Timestamps in Micro Focus ALM comments can now be synchronized down to the second.
- 105913: Added support for the Test Parameter field.

Micro Focus ALM Octane

- 105975: Added support for Micro Focus ALM Octane version 15.0.60.
- 105419: Test Run Steps is now supported as a read-only field in Micro Focus ALM Octane.

Micro Focus PPM

- 109127: Improved error logging for the Micro Focus PPM connector.
- 109006: The Micro Focus PPM connector now supports fields that use 'SQL-User' validations as Person fields.
- 109004: Added support for writing SQL backed validations.
- 108830: Added support for Micro Focus PPM version 9.55.
- 108181: Added support for the Project field on Requests as a relationship field.
- 77991: Added support for formatted ID search for Requests in Micro Focus PPM.

PTC Integrity Lifecycle Manager

- 107833: X.509 certificate authentication is now supported.

Salesforce

- 105949: 'Record Type ID' field is now a writable single-select field.

ServiceNow

- 109128: Added 'Enabled Non-Task Extended Tables' field on the ServiceNow Repository Connection screen that will allow users to synchronize tables not extended from the Task table.
- 108043: Added support for ServiceNow version Paris.

Tricentis Tosca

- 110268: Generic folders can now be synchronized between repositories; Test Case folders are still considered separate folders and are not generic.
- 110142: Tosca Requirement Sets are now supported as containers.
- 110138: Added support for Tricentis Tosca version 13.4.
- 110135: Added support for Tricentis Tosca version 13.3.
- 107780: Added support for Tricentis Tosca version 13.2.

VersionOne

- 106617: Added support for VersionOne Spring 2020.

- 106493: When configuring artifact routing for integrations with either a Task or Test artifact in VersionOne, only the Container/Project route can be selected for inbound routing.
- 106264: Added support for VersionOne Winter 2020.

Tasktop Release Notes - 20.4.5

Posted: November 17, 2020

- Fixes
 - Tasktop Integration Hub Fixes
 - Container Synchronization
 - Connector-Specific Fixes
 - Jama
 - Micro Focus ALM
 - Planview Enterprise
 - ServiceNow
- Features
 - Connector-Specific Features
 - IBM Rational DOORS

Fixes

Tasktop Integration Hub Fixes

Container Synchronization

- 110177: Fixed an issue where attempting to delete a mirrored container group deleted the first group instead of the selected group.

Connector-Specific Fixes

Jama

- 110469: Improved memory performance when retrieving Jama artifacts with many children.

Micro Focus ALM

- 109929: Fixed an issue where the Test Instance Status field was not set properly on creation.

Planview Enterprise

- 110894: Fixed an issue where empty values in a custom field caused an error.

ServiceNow

- 106847: Fixed an issue that caused a system failure when an artifact was retrieved without a sys_mod_count.

Features

Connector-Specific Features

IBM Rational DOORS

- 103685: The DOORS connector can now accurately monitor the health of the doors.exe processes.

Tasktop Release Notes - 20.4.8

Posted: December 10, 2020

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Salesforce
- Fixes
 - Tasktop Integration Hub Fixes
 - Collections
 - Configuration History
 - Product Upgrades
 - Work Item Synchronization
 - Connector-Specific Fixes
 - Jama
 - Salesforce
 - Tricentis Tosca
- Features
 - Tasktop Integration Hub Features
 - Extensions
 - SDK-Specific Features
 - SDK

Upgrade Notes

Connector-Specific Upgrade Notes

Salesforce

- 110883:

Fixes

Tasktop Integration Hub Fixes

Collections

- 111637: Fixed an issue where an existing gateway integration caused project replacement background jobs to fail.

Configuration History

- 111599: Fixed an issue where changes to the conditional routing of an integration sometimes failed to display properly on the Configuration History screen.

Product Upgrades

- 111387: Fixed an issue where deleted projects blocked upgrades when project-based filters were configured.

Work Item Synchronization

- 110802: Fixed an issue where container link summary changes caused unwanted synchronization updates.
- 107898: Improved the handling of Container Link fields when an artifact switches routes due to a project move in the repository.

Connector-Specific Fixes

Jama

- 111463: Fixed an issue where version detection errors blocked normal processing in repositories with SSO enabled.

Salesforce

- 110883: Fixed an issue that caused an error during integrations when multiple fields that could be used as the Summary field were found.

Tricentis Tosca

- 109828: Fixed an issue where Tosca folders with '/' in the name caused certain artifacts not to flow.

Features

Tasktop Integration Hub Features

Extensions

- 108205: Extensions can now specify an HTTP proxy when making HTTP requests.

SDK-Specific Features

SDK

- 111309:

Tasktop Release Notes - 20.4.9

Posted: December 16, 2020

- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira
 - Atlassian Jira Align
 - BMC Remedy
 - codeBeamer ALM
 - VersionOne

Fixes

Connector-Specific Fixes

Atlassian Jira

- 110222: Fixed an error that occurred when handling an unexpected response upon retrieving an artifact.

Atlassian Jira Align

- 111686: Fixed an issue where writing to some boolean fields failed due to a change introduced to the Jira Align API in version 10.85.

BMC Remedy

- 111302: Fixed an issue where adding an attachment with a long filename caused an error.
- 110953: Fixed an issue where max byte field lengths caused issues when performing integrations on a non-Unicode Remedy server.

codeBeamer ALM

- 111074: Fixed an issue where a codeBeamer repository connection could not be created with a non-administrator user.

VersionOne

- 111549: Fixed an issue that prevented VersionOne from accepting links in the Description field.

Tasktop Release Notes - 20.4.10

Posted: December 23, 2020

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Targetprocess
- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Integrations
 - Connector-Specific Fixes
 - CA Agile Central (Rally)
 - codeBeamer ALM
 - Targetprocess

Upgrade Notes

Connector-Specific Upgrade Notes

Targetprocess

- 111649:

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 108742: Fixed an issue that caused inconsistent numbers between errors on the Activity screen and errors in the detailed view.

Integrations

- 107383: Added new logging to the filtered-log file.

Connector-Specific Fixes

CA Agile Central (Rally)

- 110724: Fixed an issue where setting the Blocked Reason field without also setting the Blocked field resulted in an error from the Rally onDemand server.

codeBeamer ALM

- 111843: Fixed an issue where the connector did not correctly define the artifact schema.
- 111683: Fixed an issue where the connector did not work after upgrading from an earlier version.

Targetprocess

- 111649: Fixed an issue where the PlannedEndDate field and PlannedStartDate field caused a verification error if set on the same date.

Tasktop Release Notes - 20.4.11

Posted: December 31, 2020

- Fixes
 - Tasktop Integration Hub Fixes
 - [Artifact Relationship Management \(ARM\)](#)
 - Connector-Specific Fixes
 - [Atlassian Jira Align](#)
 - [Jama](#)
 - [Micro Focus ALM](#)
 - [Micro Focus ALM Octane](#)

Fixes

Tasktop Integration Hub Fixes

Artifact Relationship Management (ARM)

- 110700: Artifact relationship management will now filter out associated artifacts that have left the integration. As before, a full scan must run for Tasktop to recognize that an artifact has moved integrations or been deleted.

Connector-Specific Fixes

Atlassian Jira Align

- 112105: Fixed an issue where values could not be written to or read from the Epic MVP field.

Jama

- 108166: Fixed an issue where deleted releases in Jama would show up as valid single select options.

Micro Focus ALM

- 111321: Fixed an issue that prevented Test Instances from being created in ALM when the status field is set to required.

Micro Focus ALM Octane

- 109696: Improved handling of a case that occurred upon synchronizing a new tag when a case insensitive matching tag already existed.

Tasktop Release Notes - 20.4.12

Posted: January 07, 2021

- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira Align
 - Targetprocess

Fixes

Connector-Specific Fixes

Atlassian Jira Align

- 111627: Fixed an issue that caused Jira Align integrations to fail when the owner ID had been manually set to empty for features.

Targetprocess

- 112293: Fixed an issue where Targetprocess custom fields were included from other processes.

Tasktop Release Notes - 20.4.13

Posted: January 20, 2021

- **Fixes**
 - **Tasktop Integration Hub Fixes**
 - Extensions
 - **Connector-Specific Fixes**
 - Atlassian Jira Align
 - codeBeamer ALM
 - Targetprocess

Fixes

Tasktop Integration Hub Fixes

Extensions

- 112511: Improved the performance of extensions by caching compiled extensions.

Connector-Specific Fixes

Atlassian Jira Align

- 111243: Fixed an issue where loading field options for the sprint field was delayed. A new repository field has been added "Disable listing options for sprint field". When checked, no options will be listed for the sprint field.

codeBeamer ALM

- 112532: Fixed an issue where a Null Pointer Exception was thrown when an incomplete tracker outline was returned.

Targetprocess

- 111650: Fixed an error that occurred when updating the Assignees field in Targetprocess.

Tasktop Release Notes - 20.4.14

Posted: January 26, 2021

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

Fixes

Tasktop Integration Hub Fixes

Container Synchronization

- 112767: Fixed an issue where container mirrorings could not be deleted when the artifact creation flow was set to 'one-way creation' from left to right.

Work Item Synchronization

- 112676: Fixed an issue where comments did not flow when conditional field flows were configured.

SDK-Specific Fixes

SDK

- 111374: Fixed an issue where synchronizing multi-select fields caused unnecessary update requests to the Micro Focus Octane API.

Tasktop Release Notes - 20.4.15

Posted: January 28, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Test Management
 - Connector-Specific Fixes
 - Atlassian Jira Align

Fixes

Tasktop Integration Hub Fixes

Test Management

- 111841: Fixed an issue with 'Micro Focus ALM to Tricentis Tosca' and 'Micro Focus ALM to Micro Focus ALM Octane' test synchronization validation where the validation would incorrectly claim an integration was invalid when the 'Test Design' and 'Test Planning' integrations had collections of the same repository on opposite sides.

Connector-Specific Fixes

Atlassian Jira Align

- 112883: Fixed a boolean field conversion issue.

Tasktop Release Notes - 20.4.16

Posted: February 04, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Tasktop Integration Hub
 - Work Item Synchronization
 - Connector-Specific Fixes
 - Blueprint
 - ServiceNow

Fixes

Tasktop Integration Hub Fixes

Tasktop Integration Hub

- 113129: Upgraded Tomcat to 8.5.61 to resolve CVE-2021-24122. [Security Fix]

Work Item Synchronization

- 112912: Fixed an issue where sometimes changes could be missed until a subsequent full scan.

Connector-Specific Fixes

Blueprint

- 112648: Fixed an issue where rich text was not displayed properly when written to Blueprint.

ServiceNow

- 111288: Improved error handling when timeouts occurred during artifact retrieval.

Tasktop Release Notes - 20.4.17

Posted: February 09, 2021

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

Fixes

Connector-Specific Fixes

Atlassian Jira

- 113219: Fixed an issue where artifacts with empty sprints sometimes caused artifact retrieval to fail.

Tasktop Release Notes - 20.4.18

Posted: February 23, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Collections
 - Product Upgrades
 - Connector-Specific Fixes
 - Microsoft Sharepoint
 - PTC Integrity Lifecycle Manager

Fixes

Tasktop Integration Hub Fixes

Collections

- 113070: Improved the performance of loading field options for collections with repository queries.

Product Upgrades

- 113467: Improved the way the certificate alias in the tasktop-hub.properties file is configured. If its property is present and enabled in the properties file, Tomcat will use the value for setting the certificate alias. If the property is not present or disabled, Tomcat will behave in the same way when 'server.ssl.key-alias' is not specified in the server.xml.

Connector-Specific Fixes

Microsoft Sharepoint

- 110948: Fixed an issue where synchronized attachments caused authorization errors.

PTC Integrity Lifecycle Manager

- 113449: Fixed an issue where permissions configuration prevented type options from being listed.

Tasktop Release Notes - 20.4.19

Posted: February 25, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Container Synchronization
 - Connector-Specific Fixes
 - Micro Focus ALM Octane

Fixes

Tasktop Integration Hub Fixes

Container Synchronization

- 113206: Fixed an issue synchronizing artifacts that moved between projects.

Connector-Specific Fixes

Micro Focus ALM Octane

- 113296: Fixed an issue where a failure occurred when creating some Epic and Automated Test collections.

Tasktop Release Notes - 20.4.20

Posted: March 10, 2021

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Tricentis Tosca
- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira
 - Blueprint
 - Micro Focus ALM
 - Targetprocess
 - Tricentis Tosca

Upgrade Notes

Connector-Specific Upgrade Notes

Tricentis Tosca

- 111156: If using a TCFolder collection to mirror ExecutionLists folders, you will need to update your routing manually to ensure ExecutionList folders synchronize properly. This should not affect any existing integrations.

Fixes

Connector-Specific Fixes

Atlassian Jira

- 113703: Fixed an issue that caused Jira Confluence rich text line breaks to render incorrectly.

Blueprint

- 113162: Fixed an issue where expired credentials were used.

Micro Focus ALM

- 113353: Fixed an issue where a failure occurred when updating locked artifacts.

Targetprocess

- 113837: Fixed an error that occurred when start and end dates were set close together.

Tricentis Tosca

- 111156: Fixed an issue where ExecutionList and TestCase mistakenly appeared alongside TCFolders.

Tasktop Release Notes - 20.4.21

Posted: March 17, 2021

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Microsoft Project Server
- Fixes
 - Tasktop Integration Hub Fixes
 - Work Item Synchronization
 - Connector-Specific Fixes
 - Micro Focus ALM Octane
 - Microsoft Project Server

Upgrade Notes

Connector-Specific Upgrade Notes

Microsoft Project Server

- 111707: If you have an integration with duration fields calculated in days or weeks, you will need to configure the Work Day Hours and Work Week Hours fields on the Repository Connection screen.

Any extensions converting Work Day Hours or Work Week Hours should be removed.

Fixes

Tasktop Integration Hub Fixes

Work Item Synchronization

- 113898: Fixed an issue where change detection was slow to start after a services restart.

Connector-Specific Fixes

Micro Focus ALM Octane

- 113886: Fixed an issue with ALM Octane error processing.

Microsoft Project Server

- 111707: Updated the Duration field maximum value to 100000 hours. Added two fields to the Repository Connection screen to set Work Day Hours and Work Week Hours.

Tasktop Release Notes - 20.4.22

Posted: March 24, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Work Item Synchronization
 - Connector-Specific Fixes
 - IBM Rational DOORS Next Generation
 - Planview PPM Pro

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 113477: Fixed an issue where the public error API did not work when there were activities without errors.

Work Item Synchronization

- 114290: Fixed an issue where artifacts linked to containers with no summary could not be synchronized.
- 114259: Fixed an issue where field mappings could not be configured if an Artifact Union used within a mapping was deleted.

Connector-Specific Fixes

IBM Rational DOORS Next Generation

- 113903: Fixed an issue that occurred when creating an IBM DOORS Next collection with non-configured projects.

Planview PPM Pro

- 114269: Fixed an issue that occurred when validating the PPM Pro repository connection.

Tasktop Release Notes - 20.4.23

Posted: March 30, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Activity & Issues
 - Work Item Synchronization

Fixes

Tasktop Integration Hub Fixes

Activity & Issues

- 114334: Fixed an issue where an error was displayed when switching between Activity tabs after ignoring errors.

Work Item Synchronization

- 114478: Fixed an issue where activity was not created for changed artifacts when multiple collections in an integration used overlapping repository queries.

Tasktop Release Notes - 20.4.24

Posted: April 07, 2021

- Fixes
 - Connector-Specific Fixes
 - IBM Rational DOORS Next Generation
 - Micro Focus ALM Octane

Fixes

Connector-Specific Fixes

IBM Rational DOORS Next Generation

- 107403: Fixed an issue that occurred when authentication expired for the repository.

Micro Focus ALM Octane

- 114148: Fixed an issue where the Defect field did not appear for Runs.

Tasktop Release Notes - 20.4.25

Posted: April 14, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - State Transitions
 - Connector-Specific Fixes
 - BMC Remedy

Fixes

Tasktop Integration Hub Fixes

State Transitions

- 114747: Fixed an issue where the pagination controls on the transitions list page did not work.

Connector-Specific Fixes

BMC Remedy

- 114554: Fixed an issue where the connector sometimes failed to retrieve Tasks or Changes if the associating form was configured in a specific way.

Tasktop Release Notes - 20.4.26

Posted: April 22, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Integrations
 - Connector-Specific Fixes
 - Atlassian Jira Align

Fixes

Tasktop Integration Hub Fixes

Integrations

- 113652: Fixed an issue where status changes did not synchronize when the field flow was set to 'Always Update'.

Connector-Specific Fixes

Atlassian Jira Align

- 115006: Fixed an issue where some fields on Capabilities were incorrectly parsed due to a change in the Jira Align API.

Tasktop Release Notes - 20.4.27

Posted: April 28, 2021

- Fixes
 - Connector-Specific Fixes
 - Planview Enterprise

Fixes

Connector-Specific Fixes

Planview Enterprise

- 115281: Fixed an issue where authentication errors sometimes blocked integrations.

Tasktop Release Notes - 20.4.28

Posted: May 12, 2021

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Jama
- Fixes
 - Connector-Specific Fixes
 - Jama
 - ServiceNow

Upgrade Notes

Connector-Specific Upgrade Notes

Jama

- 115333: If you have a configured Jama repository user with only Project Admin rights, you should ensure that any Jama users participating in person reconciliation on artifact fields are members of the projects which contain those artifacts.

Fixes

Connector-Specific Fixes

Jama

- 115333: Fixed an issue where the connector could not retrieve a list of users from the repository due to recently introduced security restrictions on the repository API.

ServiceNow

- 114902: Fixed an issue where ServiceNow did not allow for a large number of queries when setting up artifact filters.

Tasktop Release Notes - 20.4.29

Posted: May 26, 2021

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Atlassian Jira Align
- Fixes
 - Tasktop Integration Hub Fixes
 - Integrations
 - Connector-Specific Fixes
 - Atlassian Jira Align

Upgrade Notes

Connector-Specific Upgrade Notes

Atlassian Jira Align

- 115889: You will need to update collections for Epic and Feature types that map the Program field.

Fixes

Tasktop Integration Hub Fixes

Integrations

- 115033: Fixed an issue where certain errors were not cleared, which blocked integration processing.

Connector-Specific Fixes

Atlassian Jira Align

- 115889: Fixed an issue where an error occurred due to a Jira Align API change.

Tasktop Release Notes - 20.4.30

Posted: June 08, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Work Item Synchronization
 - Connector-Specific Fixes
 - IBM Rational Team Concert
 - Micro Focus PPM

Fixes

Tasktop Integration Hub Fixes

Work Item Synchronization

- 115975: Fixed an issue that caused an error when validating field mappings.

Connector-Specific Fixes

IBM Rational Team Concert

- 116158: Fixed an issue where invalid weblinks sometimes caused failures during artifact retrieval.

Micro Focus PPM

- 116321: Fixed an issue where listing field options sometimes timed out.

Tasktop Release Notes - 20.4.31

Posted: June 15, 2021

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Atlassian Jira Align
- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira Align

Upgrade Notes

Connector-Specific Upgrade Notes

Atlassian Jira Align

- 116341: A number of fields on the Theme artifact have been updated for Jira Align version 10.96 API changes and may need to be re-mapped.

Fixes

Connector-Specific Fixes

Atlassian Jira Align

- 116341: Fixed an issue where the Theme artifact type caused failures.

Tasktop Release Notes - 20.4.32

Posted: June 29, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Twinless Artifact Update

Fixes

Tasktop Integration Hub Fixes

Twinless Artifact Update

- 105104: Twinless update no longer uses the Field Flow configuration.

Tasktop Release Notes - 20.4.34

Posted: July 07, 2021

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

Fixes

Connector-Specific Fixes

Atlassian Jira

- 108867: Fixed an issue caused by uninstalling a Jira ServiceDesk plugin.

CA Agile Central (Rally)

- 116696: Fixed an issue where the Blocked and Blocked Reason fields sometimes failed to update.

Tasktop Release Notes - 20.4.35

Posted: August 18, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Project Replacement

Fixes

Tasktop Integration Hub Fixes

Project Replacement

- 117652: Fixed an issue where renaming projects after a Micro Focus ALM domain change only updated artifacts in the first project in the collection.

Tasktop Release Notes - 20.4.37

Posted: October 27, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Integrations

Fixes

Tasktop Integration Hub Fixes

Integrations

- 114087: Fixed an issue where the Initiate Synchronization dialog sometimes does not show the correct list of collections to initiate synchronization for.

Tasktop Release Notes - 20.4.38

Posted: November 17, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Twinless Artifact Update

Fixes

Tasktop Integration Hub Fixes

Twinless Artifact Update

- 114656: Fixed an issue where Twinless Artifact Update failed for work items with no Summary field.

Tasktop Release Notes - 20.4.39

Posted: December 15, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Infrastructure

Fixes

Tasktop Integration Hub Fixes

Infrastructure

- 121009: Addressed critical security vulnerability CVE-2021-44228 (log4j2 Remote Code Execution vulnerability). [\[Security Fix\]](#)

Tasktop Release Notes - 20.4.40

Posted: December 17, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Infrastructure

Fixes

Tasktop Integration Hub Fixes

Infrastructure

- 121200: Contains updated fix for log4j vulnerability (CVE-2021-44228 and CVE-2021-45046). **[Security Fix]**

Tasktop Release Notes - 20.4.41

Posted: December 21, 2021

- Fixes
 - Tasktop Integration Hub Fixes
 - Infrastructure

Fixes

Tasktop Integration Hub Fixes

Infrastructure

- 121322: Upgraded log4j to 2.17.0. [Security Fix]