4.1 Release Notes

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Tasktop Sync Release Notes - 4.1.12

Sync Version 4.1.12, IBM RLIA Tasktop Edition Version 1.1.3.1-ifix02

Fixes

Connector-Specific Fixes

- Rally
  - 32084 - Fixed an issue when a user is a member of multiple workspaces.

Tasktop Sync Release Notes - 4.1.11

Tasktop Sync Version 4.1.11

Upgrade Notes

Upgrading from the Previous Version of Tasktop Sync

Important Security Updates: This version of Tasktop Sync contains important updates. See release notes below for details. Should you require any assistance in your upgrade process, please email support@tasktop.com.

Fixes

- Tasktop Sync Fixes
    - 29626 - Fixed an issue ensuring that all authentication information necessary to log into third party systems is always properly encrypted. Note that this authentication information has never been transmitted in unencrypted form to Tasktop or as part of authentication procedures. This additional security measure is intended to ensure that it is also never stored in unencrypted form.

Tasktop Sync Release Notes - 4.1.10

Tasktop Sync Version 4.1.10

Features

- 27330 - Sync will retry operations that fail due to Jama API throttling

Tasktop Sync Release Notes - 4.1.9

Tasktop Sync Version 4.1.9

Fixes

Tasktop Sync Fixes

- 29568 - Fixed an issue causing some task mappings to not get upgraded during connector upgrade.
- 28718 - Fixed an issue where running the repository URL change wizard resulted in an OOME.
- 29064 - Fixed an issue where upgrading Jira repositories which have been used in Sync mappings before Sync 2.8 would result in an error.

Connector-Specific Fixes

CA Clarity PPM

- 29327 - Improved performance in worklog synchronization on systems where certain tasks have a very high number (hundreds) of worklogs over a long period of time.

Tasktop Sync Release Notes - 4.1.8

Tasktop Sync Version 4.1.8

Fixes

Connector-Specific Fixes

- **HP ALM**
    - 29005 - Fixed an issue where HP ALM favorite queries that contained special characters such as & and # resulted in an error.
- **Serena Dimensions RM (SDK)**
    - 28378 - Fixed NPE when querying SDRM using version 11.2.1

Features

- 29297 - Fixed ability to post comments during state transitions.

Tasktop Sync Release Notes - 4.1.7

Tasktop Sync Version 4.1.7

Fixes

Tasktop Sync Fixes

- 28020 - Fixed issue where Tasktop Sync may remove the attachment mapping configuration during a configuration update.

Connector-Specific Fixes

CA Clarity PPM

- 29114 - Fixed an issue with time-out when validating repository settings.

Tasktop Sync Release Notes - 4.1.6

Tasktop Sync Version 4.1.6

Fixes

- Tasktop Sync Fixes
    - 28732 - Fixes an issue where during a connector upgrade Tasktop Sync may not correctly migrate all historical Sync records.

- Connector-Specific Fixes
    - **Atlassian JIRA**
        - 28360 - Fixed incorrect handling of special quotes character in attachment names.
        - 28286 - Fixed a defect that caused incorrect time units to be posted to time tracking fields that have customized default units for input values.

Tasktop Sync Release Notes - 4.1.5

Tasktop Sync Version 4.1.5, IBM RLIA Tasktop Edition Version 1.1.3.1-ifix01

Fixes

- Tasktop Sync Fixes
  - 28549 - Fixed an issue where Time Worked could be overwritten when Time Worked synchronization was disabled

Features

- 24662 - PPM "Dynamic Lookup" fields are now supported when specialized per-field NSQL scripts are present. Feature explanation added to Tasktop user manual.Also, PPM Tasks now have support for "Cost Type".

Tasktop Sync Release Notes - 4.1.4

Tasktop Sync Version 4.1.4

Fixes

- Tasktop Sync Fixes
  - 28057 - Fixed an issue closing the task mapping editor regardless of which mapping is open during a connector upgrade.
  - 28045 - Fixed an issue with missing URLs when synchronizing rich text with images.
  - 27998 - Fixed an issue with sorting jobs in the progress view.
  - 27914 - Fixed an issue with blank line formatting during richtext synchronization.

- Connector-Specific Fixes
  - **Atlassian JIRA**
    - 28043 - Fixed an issue with sub-minute worklog synchronization.
  - **CA Clarity PPM (SDK)**
    - 28358 - Added "% complete" and "top-down %" support to PPM connector.
    - 28105 - Fixed issue with Tasktop_GetResources and Tasktop_GetAssignments NSQL queries to retrieve user info.
  - **HP ALM**
    - 28278 - Fixed 'duplicate ids' error when attempting to read tree path fields where an ancestor option has the same value as a descendent option.
  - **Serena Business Manager (SDK)**
    - 28065 - Fixed an issue with ISSUETYPE fields not being available for synchronization.

Tasktop Sync Release Notes - 4.1.3

Tasktop Sync Version 4.1.3

Fixes

- Tasktop Sync Fixes
    - 27885 - Fixed an issue when updating the proxy store configuration on template based mappings.
    - 27625 - Capturing changes during target task submit and synchronizing them back to the source task.

Tasktop Sync Release Notes - 4.1.2

Tasktop Sync Version 4.1.2

Fixes

- Tasktop Sync Fixes
    - 27901 - Resolved issue when upgrading connector with old mapping history.
    - 27879 - Fixed an issue with worklog deletion between CA PPM and Atlassian JIRA.
    - 27899 - Fixed a performance issue while upgrading to a new connector.
    - 27869 - Task Mapping Editor ensures that Attachment Mapping configuration exists when configuration is saved.

- Connector-Specific Fixes
    - **CA Clarity PPM (SDK)**
        - 27413 - Fixed an issue fetching time logs for multiple resources on the same task.
        - 27158 - Fixed an issue with worklogs ordering by start date.
    - **HP ALM**
        - 28042 - Fixed an issue HP ALM 11 retrieving list values with modified home pages.
        - 26955 - Fixed an issue with syncing requirements with many tests in their test coverages.
    - **Serena Dimensions RM (SDK)**
        - 27321 - Fixed an issue with numeric fields that do not have a maximum length set.

Features

- 26972 - Sync supports synchronizing time worked entries to connectors with read-write time worked fields.

Tasktop Sync Release Notes - 4.1.1

Fixes

- Tasktop Sync Fixes
  - 27402 - Fixed an issue with reconcilliation of worklogs between source and proxy.
  - 26626 - Improved performance when generating repository schemas.

- Connector-Specific Fixes
  - **Atlassian JIRA**
    - 27854 - Fixed an issue where only the first 20 worklogs were retrieved.
  - **CA Clarity PPM**
    - 27709 - Fixed issue where changes to worklogs in adjusted timesheet caused removal of all worklogs in the timesheet.
    - 27204 - Fixed retrieval of time sheets to batch per user to avoid timeouts for tasks with many users.
  - **CA Clarity PPM (SDK)**
    - 27631 - Fixed Incident sub-object query to properly exclude objects based on last modified date.
    - 27430 - PPM subprojects are not supported.
    - 27358 - Fixed an issue with Incident sub-object Tracking ID field population.
    - 26923 - Only update artifact fields when changes are detected.
  - **HP ALM**
    - 27439 - Fixed an issue where the server returns an empty string for a field's label.
    - 27093 - Fixed a with invalid characters (^*) in defect summaries.
    - 26929 - Fixed a limitation that restricted attachment filenames to 85 characters.
    - 26913 - Requirements that are checked out, either by requirement creation or user modification, will now go into the pending state, instead of going into the error queue.
  - **IBM DOORS**
    - 27624 - Fixed an issue with outlink removal.
    - 27360 - Fixed an issue with outlink retrieval.
  - **Jama (SDK)**
    - 26287 - Fixed an issue with Jama Text items where no Text set exists in the project.
  - **ServiceNow Service Desk**
    - 27059 - Fixed an issues with repetitive syncing related to different revision times from querying and retrieval.
  - **ThoughtWorks Mingle**
    - 27053 - Fixed and issue reporting attachment size.

Features

- 27258 - Added the ability to map enumerations by label to the Value Map Caster.

- 27034 - Tasktop Sync can synchronize time worked into CA PPM on a time sheet that has been posted then adjusted
- 27026 - Enabled writing to adjusted CA Clarity PPM timesheets.
- 26815 - Added user agent header to allow identification of the connector.
- 24231 - Added synchronization of time worked into CA PPM.

Tasktop Sync Release Notes - 4.1.0

Tasktop Sync Version 4.1.0, IBM RLIA Tasktop Edition Version 1.1.3.1

Upgrade Notes

Upgrading from the Previous Version of Tasktop Sync

Added license enforcement for SDK-based connectors. Licenses may need to be re-issued and applied for affected customers.

Status/workflow transition support has been improved and the scripting API updated to reflect this change. Customers making use of state transition scripts prior to this release will need to update their scripts. Please reach out to your support representative for guidance on how to update your existing scripts.

Connector-Specific Upgrade Notes

CA Clarity PPM
- 25410 - Error messages for failed worklog submission have minor changes. Log processing tools may need minor adjustments.

System Requirements

Supported Operating Systems

Tasktop Sync is supported on the following operating systems and versions. Versions tested by Tasktop are indicated below.

- Windows Server 2012
- Windows Server 2008
- Windows Server 2007

- Red Hat Enterprise Linux 5 & 6 (GTK2 and X Windows required)
- SUSE Linux Enterprise Server 11 (GTK2 and X Windows required)

Java Runtime Environment

Tasktop Sync is packaged with a JRE and there is no need to install a JRE separately. Tasktop Sync uses Oracle Java 1.7.0_71.

Networking

Tasktop Sync requires an IPv6 or IPv4 network to access target ALM repositories. Access to some repositories is limited to IPv4, so please check the Tasktop Sync documentation specific to the repositories to be synchronized prior to configuring the network.

Tasktop Sync should be located on the same network (or very nearby) to the target ALM repositories in order to minimize latency between servers. Recommended network throughput is 100Mbps with a latency of less than 50ms. When synchronizing large attachments (i.e., sizes > 20MB) greater throughput may be desired.

Hardware Sizing for Deployment Scenarios

The following hardware is recommended for three sample Tasktop Sync deployment scenarios.

Disk space is primarily used for caching and storing transient data that can be used to enhance the synchronization process. The amount of disk space needed is proportional to the size of the collection of artifacts that are being synchronized.

Processor sizes below are based on the equivalent to a 2007 Opteron or 2007 Xeon processor.

Small Deployment

A deployment with one Sync Mapping managing up to 20,000 ALM artifacts and up to 200 active users.

- 4 GB system memory
- 1 GHz processor, 2 cores
- 30 GB free disk space

Small deployment system sizing is roughly equivalent to an EC2 M1 Medium Instance.

Medium Deployment

A deployment with several Sync Mappings managing up to 100,000 ALM artifacts and up to 1,000 active users.

- 6 GB system memory

- 2 GHz processor, 2 cores
- 50 GB free disk space

Medium deployment system sizing is roughly equivalent to an EC2 M1 Large Instance.

Large Deployment

A deployment with many Sync Mappings involving many ALM repositories and managing 200,000+ ALM artifacts and over 1,000 active users.

- 8 GB system memory
- (2) 3 GHz processors, 4 cores
- 100 GB free disk space

Large deployment system sizing is roughly equivalent to an EC2 M1 Large or M3 Extra Large Instance.

Fixes

Tasktop Sync Fixes
- 26326 - Fixed an issue where the first change to an artifact after its repository URL was updated would not be synchronized.
- 26203 - Flex licensing driver location now correctly specified in the License Server Settings preference page.
- 25963 - Resolved issue in Quickstart where task lists were not updated when changing repository
- 25631 - Fixed an issue with secure SMTP email notifications.
- 25438 - Attachments, Comments and Proxy Store information are correctly displayed in the Sync Web Mapping page.
- 25422 - Fixed proxy attribute parsing error when upgrading from older versions.
- 25308 - Fixed an issue where Sync would fail to start up if a lock was held on the Sync database.
- 25166 - Fixed a templates bug which could cause an attribute to fail to synchronize in the presence of one-way mappings
- 24813 - Fixed issue where a schema out-of-date dialog stopped the Sync service from auto-starting.
- 24443 - Synchronizations incorrectly labeled as active before starting will be moved to the error queue.
- 24324 - Optimized Sync history trimming in order to eliminate out of memory related errors.
- 13527 - Dialogs now show options in the order provided by the connector.
- 23252 - Duplicate target values removed in value mapping caster.
- 23083 - Synchronizer.xml format has been updated. The <attachment-handler> element has been re-ordered to appear directly after the <repository> element.
- 22669 - Improved performance of internal operations to resolve TASK_MAPPING_STATE timeout waiting for lock issue.

Connector-Specific Fixes

CA Clarity PPM

- 26345 - Fixes a problem where existing time entries on past read-only time sheets cause a false failure during synchronizing work logs on open time sheets.
- 26262 - Submission of work logs no longer fails when Indirect Time entries exist on the target time sheet.
- 25486 - Fixed issue to allow re-authentication after the session has timed out.
- 24418 - Fixed an issue where updating CA PPM tasks will cause the Gantt chart to become unusable.

HP ALM

- 24141 - Fixed an issue with re-authentication so that upgrades from HP ALM 11 to HP ALM 12 work correctly.
- 20196 - Fixed a rare issue where artifact deletion actually does not get applied (by retrying the deletion).

IBM DOORS

- 25237 - Fixed an issue so that changes are detected after moving a requirement.
- 25029 - Fixed an issue so that all available links are listed.
- 24449 - Fixed an issue with changing the default view set by user and correctly retrieves requirements if a non-standard view is set as the default.

IBM Rational Requirements Composer (SDK)

- 26711 - Fixed scope queries to work for RRC 5.x repositories upgraded from RRC 4.x.
- 26258 - Fixed an error retrieving, and now ignore, Collections with unsupported ArtifactFormat.
- 24677 - Fixed an error when parsing OSLC responses that include reified link statements between IBM Rational applications.

IBM Rational Team Concert

- 26370 - Fixed an issue where certain IBM Rational Team Concert server configurations would cause the connector to fail when doing any data retrieval.
- 25360 - Provided workaround for running Tasktop Sync with Java 1.7 or above to avoid an issue where the RTC Eclipse client cannot connect to JazzHub on Java 1.6.

Jama (SDK)

- 25829 - Fixed an issue where Sets with custom set keys could not be used for queries.

Serena Business Manager

- 25286 - Fixed update operation to only send fields that have changed.
- 24724 - Fixed error that can occur when synchronizing long text fields into Serena Business Manager.

Serena Business Manager (SDK)

- 25757 - Fixed an issue with alphabetical sorting for Project, type and report options in query dialog.

Serena Dimensions RM (SDK)

- 26951 - User can configure the Serena Dimensions RM url in order to support alternate repository locations.
- 25454 - User can make collection queries with Serena Dimensions RM

ServiceNow Service Desk

- 26592 - Added additional checks before adding a schema dependency on another field, preventing Sync errors.

Zendesk (SDK)
- 24704 - Fixed issue where on hold status was not syncing correctly

Features

- 26906 - Enabled writing time worked to CA PPM SDK Connector.
- 26588 - Enabled time worked synchronization for IBM Rational Lifecycle Integration Adapters edition.
- 26249 - A Sync Resources page has been added to the installer and help guide.
- 25931 - The Quickstart wizard can now be used to create a mapping to and from the same repository.
- 25231 - To address SSL Poodle vulnerabilities, the web UI now only supports TLS protocols.
- 24753 - Database logs older than 2 weeks are automatically trimmed.
- 24407 - License expiration date appears in usage statistics email.
- 23795 - Schema screen includes information on attribute key, type, attachments, and comments.
- 22056 - RRC and ALM folder associations can be reconciled within the Task Mapping Wizard.
- 16581 - Attribute mappings now support an "Always" copy strategy for one-way mappings.
- 26392 - Added support for Jama REST versioned paths to support attachments.
- 26238 - Jama revisions are now based on the Last Activity Date field instead of Modification Date, if Last Activity Date is available.
- 25832 - Jama Text items can be synchronized
- 25831 - Jama Test Case items can be synchronized
- 25410 - CA PPM worklogs are successfully submitted independent of other submissions failing.
- 25295 - CA PPM connector now allows for searching over multiple projects and to allow to use projects in attribute mappings. This removes the restriction of needing to have a single project per task mapping.