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## 3.6 Release Notes

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# Tasktop Sync Release Notes - 3.6.14

Tasktop Sync Version 3.6.14, IBM RLIA Tasktop Edition Version 1.1.2.4-ifix06

## 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.

## Features

- **IBM Rational Team Concert**
  - 30666 - Fixed override of server's maxQueryLimit to ensure all WorkItems are returned by queries.

# Tasktop Sync Release Notes - 3.6.13

## Tasktop Sync Version 3.6.13

### Fixes

#### 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.

# Tasktop Sync Release Notes - 3.6.12

## Tasktop Sync Version 3.6.12

### Features

- 25410 - CA PPM worklogs are successfully submitted independent of other submissions failing.

# Tasktop Sync Release Notes - 3.6.11

Tasktop Sync Version 3.6.11, IBM RLIA Tasktop Edition Version 1.1.2.4-ifix05

## Fixes

### Tasktop Sync Fixes

- 25631 - Fixed an issue with secure SMTP email notifications.
- 25422 - Fixed proxy attribute parsing error when upgrading from older versions.
- 22669 - Improved performance of internal operations to resolve TASK\_MAPPING\_STATE timeout waiting for lock issue.

### Connector-Specific Fixes

#### **CA Clarity PPM**

- 25486 - Fixed issue to allow re-authentication after the session has timed out.

## Features

- 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.

# Tasktop Sync Release Notes - 3.6.10

Tasktop Sync Version 3.6.10, IBM RLIA Tasktop Edition Version 1.1.2.4-ifix04

## Fixes

### Tasktop Sync Fixes

- 25166 - Fixed a templates bug which could cause an attribute to fail to synchronize in the presence of one-way mappings

### Connector-Specific Fixes

#### **Serena Business Manager**

- 24724 - Fixed error that can occur when synchronizing long text fields into Serena Business Manager.

## Features

- 25231 - To address SSL Poodle vulnerabilities, the web UI now only supports TLS protocols.

# Tasktop Sync Release Notes - 3.6.9

Tasktop Sync Version 3.6.9, IBM RLIA Tasktop Edition Version 1.1.2.4-ifix03

## Fixes

### Tasktop Sync Fixes

- 24813 - Fixed issue where a schema out-of-date dialog stopped the Sync service from auto-starting.
- 24324 - Optimized Sync history trimming in order to eliminate out of memory related errors.

### Connector-Specific Fixes

#### CA Clarity PPM

- 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.

## Features

- 24753 - Database logs older than 2 weeks are automatically trimmed.



# Tasktop Sync Release Notes - 3.6.8

## Tasktop Sync Version 3.6.8

### Fixes

#### Tasktop Sync Fixes

- 23304 - Fix to gracefully handle invalid properties in a template.

#### Connector-Specific Fixes

##### **Atlassian JIRA (pre 3.5)**

- 23208 - Values unchanged will not get submitted. Unset values like the estimates will therefore not get initialized if the connector creates/updates an issue.

### Features

- 23257 - User can see time push details on failed time push error messages

# Tasktop Sync Release Notes - 3.6.7

## Tasktop Sync Version 3.6.7

### Fixes

#### Connector-Specific Fixes

##### **ServiceNow Service Desk**

- 22834 - Fixed null pointer exception occurring when synchronizing CTasks.

### Features

- 22704 - Added support for Clarity PPM time worked synchronization when projects in "Resource" mode.
- 22702 - Support for Clarity PPM "User Text 1" field on Tasks.

# Tasktop Sync Release Notes - 3.6.5

Tasktop Sync Version 3.6.5, IBM RLIA Tasktop Edition Version 1.1.2.4-ifix01

## Fixes

### Tasktop Sync Fixes

- 22643 - Fixed a problem with database transaction commit/rollback that caused the synchronizer stop running.
- 20641 - Fixed a problem whereby a bi-directional synchronization involving artifact relationships and attributes not available on creation could result in invalid data on source artifact.

# Tasktop Sync Release Notes - 3.6.4

Tasktop Sync Version 3.6.4, IBM RLIA Tasktop Edition Version 1.1.2.4

## Fixes

### Tasktop Sync Fixes

- 22045 - Resolved persistence issue that could cause dialog popups during synchronizations.
- 21606 - Fixed a problem where a New Query dialogue is cut off when attempting to create a query.

### Connector-Specific Fixes

#### **HP ALM 11, Quality Center 10, and Agile Manager (pre 3.5)**

- 21722 - Attachments whose filenames are not supported by HP Quality Center will no longer be submitted.

#### **ServiceNow Service Desk**

- 20226 - Improved ServiceNow Service Desk Connector query result paging (Calgary version).

## Features

- 15159 - Rational Requirements Composer Connector now supports configuring the server URL context path.

# Tasktop Sync Release Notes - 3.6.2

## Tasktop Sync Version 3.6.2

### Fixes

#### Tasktop Sync Fixes

- 21536 - Fixed a comment parsing concurrency issue related to "TASK\_MAPPING\_STATE" table lock.
- 21240 - Fixed a comment parsing concurrency problem that resulted in WikiText errors.
- 21053 - Improved Tasktop Sync Studio Dashboard performance.

# Tasktop Sync Release Notes - 3.6.1

## Tasktop Sync Version 3.6.1

### Fixes

#### Connector-Specific Fixes

##### **Rally**

- 20969 - Fixed problem accessing User Stories with Rally On-Demand

##### **ServiceNow Service Desk**

- 20224 - Fixed a problem with the ServiceNow Service Desk Connector that prevented Incident retrieval when a user does not exist.
- 20146 - Fixed ServiceNow Service Desk Connector issue where fields have multiple options with the same value.

# Tasktop Sync Release Notes - 3.6

Tasktop Sync Version 3.6.0, IBM RLIA Tasktop Edition Version 1.1.2.3

## Upgrade Notes

### Upgrading from the Previous Version of Tasktop Sync

- Upgrading may require re-creating queries for some connectors.

### Tasktop Sync Upgrade Notes

- 19584 - When upgrading users will be notified at startup if their repository schemas are missing or out-of-date. Click "Yes" to generate new schemas; this may take a few minutes to complete.
- 18448 - Configuration update will take place after upgrade. The configuration update will create a new configuration element "attachment-mapping" in each "task-mapping" which is used to configure attachment synchronization for that "task-mapping".
- 18445 - Mappings between repositories that cannot synchronize attachments, yet have attachment synchronizing enabled, will now be defined as a configuration error, and will not allow Sync to start. To fix, disable attachment synchronization.
- 17068 - Any settings in your web.properties file will be migrated to the Web Settings preferences at startup.

### Connector-Specific Upgrade Notes

#### **HP ALM**

- 19185 - HP ALM Favorite query definition has changed. Previous Favorite queries created in Tasktop Sync will need to be re-created.

#### **Microsoft Team Foundation Server**

- 18726 - Existing customers wanting to connect to Visual Studio Online need to install Tasktop Sync with the new version of Team Explorer Everywhere (as linked in the set up wizard).

## System Requirements

## Supported Operating Systems

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

## 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 JRE 1.6 Update 20.

## 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.

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.

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.

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

- - Windows Server 2012
  - Windows Server 2008
  - Windows Server 2007
  - Red Hat Enterprise Linux 5 & 6
  - SUSE Linux Enterprise Server 11
  - 4 GB system memory
  - 1 GHz processor, 2 cores
  - 30 GB free disk space
  - 6 GB system memory
  - 2 GHz processor, 2 cores
  - 50 GB free disk space
  - 8 GB system memory
  - (2) 3 GHz processors, 4 cores
  - 100 GB free disk space

## Fixes

### Tasktop Sync Fixes

- 20309 - OSLC dialog links now support browseable URLs for all connectors.
- 19757 - Fixed notification list emails disappearing when only Usage Metrics is checked.
- 19707 - Fixed a problem with quick start wizard that cause repository to be in an error state.
- 19674 - Incoming time-worked synchronization now validated first against target repository write policy.
- 19542 - Selecting a conflict resolution without a comment media type selected will no longer result in an error.
- 19364 - Fixed possibility of wrong html to html rich text caster selection.
- 18810 - Schema generation will no longer fail due to tasks in invalid states.
- 18975 - Fixed UI rendering issue when switching between different attribute mappings with literal casters.
- 18866 - Fixed count of errors being reported in email notifications.
- 18436 - Improved retry handling of queries that stop during sporadic repository authentication errors.
- 18287 - Email addresses with capital letters in domain no longer rejected when added to notifications.
- 17912 - Fixed unicode issue when rendering unicode in web dashboard.
- 17234 - Tasks outside the scope of a mapping's queries are no longer retrieved (i.e. SubTasks).

- 15416 - Fixed problem where task in error queue could not be forcefully retried if its pair was in error state.

## Connector-Specific Fixes

### **Atlassian JIRA**

- 19498 - Fixed a problem with Atlassian JIRA Connector where attachments are disabled on the server.
- 19054 - Fixed an issue with Atlassian JIRA Connector where required custom fields blocked new issue creation.
- 18478 - Fixed problem where environment field did not appear in Atlassian JIRA Connector issues.

### **Atlassian JIRA (pre 3.5)**

- 19480 - Improved Atlassian JIRA Connector performance by reducing the number of queries used to retrieve projects.
- 18294 - Fixed handling of JIRA custom field types when the fields have no actual change to be submitted.

### **CA Clarity PPM**

- 18092 - Fixed authentication issue in multi-tenanted CA Clarity PPM environments.

### **HP ALM**

- 19647 - HP ALM connector now queries links using pagination to ensure that all links are fetched.
- 19613 - Fixed a problem that prevented the retrieval of all attachments on an HP ALM artifact when many attachments exist.
- 19107 - Fixed retrieval of options for Release and Cycle fields in HP ALM Connector when large volume of Releases, Cycles, and Folders exist.
- 17846 - Improved handling of HP ALM attachments with special characters in the filename.

### **HP ALM 11, Quality Center 10, and Agile Manager (pre 3.5)**

- 18714 - Fixed an issue with duplicated attachment synchronizations in HP QC/ALM Connector and IBM Rational Team Concert Connector due to different descriptions.
- 18713 - Improved performance of attachment synchronization with HP QC 10 and avoid a potential dead lock of attachment synchronization in HP QC 10 to HP QC 10.
- 18312 - Fixed defect that caused HP QC Connector to generate HTML content that the HP QC application could not parse.
- 18202 - Improved the clarity of error message returned when writing to IBM RRC Primary Text field.

### **IBM Rational Team Concert**

- 19614 - Improved detection of string-based multi-select fields in IBM Rational Team Concert Connector.

### **Serena Business Manager**

- 18108 - Improved error reporting from Serena Business Manager Connector.

### **ThoughtWorks Mingle**

- 17940 - Fixed a problem with Thoughtworks Mingle Connector that caused attachment synchronization duplication.

## Features

- 20280 - Mapping Overview page section 'Source' is renamed to 'Repository Scope', and the 'Scope' section is renamed to 'Artifact Scope', and the 'Mapping Details' section is renamed to 'Mapping Preferences'.
- 20147 - In Artifact Relationship Management, Sync is now allowing multi-value artifact relationships to be synchronized to single-value artifact relationships if there is only a single relationship in the source.
- 19033 - OSLC query results widget now has larger making it easier to review results.
- 19007 - Comparison of attachments with unicode characters in filenames has been improved.
- 18954 - Attachment descriptions are now transformed to match the text markup of the target repository.
- 18952 - Validation of attachment synchronization configuration when attachment metadata capabilities differs between repositories has been improved, guarding the user from invalid configurations.
- 18459 - Person mappings now have the additional option to be scripted much like casters and attribute handlers.
- 18450 - Mapping Details section added to Mapping Overview page for attachment, comment and time worked configuration.
- 18449 - Mappings can be configured to filter attachments that exceed a certain filesize. See the new Mapping Details section on Mapping Overview page.
- 18232 - Web dashboard auto refresh available in capable browsers (Firefox, Chrome and Safari).
- 14838 - Person mapping configuration now includes additional parameter mapping-ignore-case, allowing case insensitive comparison of user ids.
- 18530 - Zendesk Connector now supports attachment synchronization.