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# 3.0 Release Notes

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# Tasktop Sync Release Notes - 3.0.5

Version 3.0.5

## Fixes:

- Fixed proxy server capabilities in RTC Connector.
- Fixed a parse error in RRC Connector when fetching Requirements that contain links.
- Fixed an issue where the HP QC 10 connector does not return query results for filters starting with operator (like 'not', '<' or similar).
- Fixed handling of JIRA Epic label that could result in erroneous synchronization.

# Tasktop Sync Release Notes - 3.0.4

Version 3.0.4

## Fixes:

- Fixes an issue where Quick Start query selection drop downs didn't display all queries.
- Fixes an issue in which the default-query-interval-minutes was set too high after the first Quick Start mapping had been created. The default interval for new Quick Start mappings is now 0.05.
- Fixes slow loading of sync log history.
- Fixes an issue where non-authentication related errors were treated as authentication errors, causing a prompting for credentials.

# Tasktop Sync Release Notes - 3.0.3

Version 3.0.3

## Fixes:

- Fixes a problem where unparsable Confluence markup text could cause a stack overflow.
- When updating tasks, the IBM Rational Team Concert connector now validates and updates only the fields that have changed.
- The HP Quality Center connector now caches attachments locally only if the content is requested.
- The IBM Rational Requirements Composer connector no longer shows modules as collections, improving performance.

# Tasktop Sync Release Notes - 3.0.2

Version 3.0.2

## Fixes:

- Fixed a problem which could result in Tasktop Sync Studio's menu buttons (start, stop, reset) becoming disabled.
- The presence of a large log table in Tasktop Sync will no longer cause the user to experience a long delay when opening a single log.
- The ServiceNow connector will now properly handle errors when the Tasktop Sync user does not have access rights to the sys\_properties table.
- ServiceNow queries can now be created when filters without titles exist on the server.
- The HP Quality Center and ALM Connector will no longer delay or prevent Tasktop Sync from shutting down.

# Tasktop Sync Release Notes - 3.0.1

Version 3.0.1

Fixes:

- Scheduled state is now an available mapping for user stories in the Rally Connector.
- The ServiceNow Connector will now function properly when syncing longer queries.
- The ServiceNow Connector has been updated to work with new versions of the ServiceNow API.
- The IBM Rational Requirements Composer Connector now maintains HTML formatting when synchronizing the description field.
- The IBM Rational Requirements Composer Connector can now synchronize to non-English installations of RRC.
- The IBM Rational Requirements Composer Connector will more quickly initialize and update repository configurations.

# Tasktop Sync Release Notes - 3.0

Version 3.0.0

## Supported Operation Systems

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

- Windows Server 2003
- Windows Server 2008
  - Microsoft Windows Server 2008 R2 Enterprise Edition x86-64
  - Microsoft Windows Server 2008 SP2 Standard Edition x86-64
- Windows 7
- Red Hat Enterprise Linux 5 & 6
  - Red Hat Enterprise Linux 5 Update 5 Advanced Platform x86-64
  - Red Hat Enterprise Linux Server 6 x86-64
- SUSE Linux Enterprise Server 11
  - SUSE Linux Enterprise Server 11 SP1 x86-64

## 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.

- 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:

- 19283: The IBM RTC Connector will now check the validity of values entered in enumerated attribute fields before submitting them to the remote server, alerting the user if there are any errors.
- 19635: If the error queue on the Tasktop Sync Dashboard is empty, users will no longer be able to attempt to queue anything for synchronization.
- 21369: The attribute mapping table in the Mapping Editor will accurately reflect any changes that are made to attribute mappings.
- 21967: Configuration settings for the CA Vision Connector now synchronize properly, and will no longer use partially updated configurations.

- 22231: If a user is attempting to configure a sync to Team Foundation Server (TFS) with an invalid field value set, Sync will record and display clear and detailed information about the error, making troubleshooting much easier.
- 22258: When attempting to refresh a repository schema without having any tasks in the task list, or without any queries set up, users will now receive a clear message informing them that the schema has not been updated, while before they were led to believe that it was.
- 22631: The QC connector will ensure that only single new comments can be added to QC, rather than including email conversations as comments.
- 22664: The QC connector now checks for invalid characters like % and + in attachment names and informs the user about the problem before trying to sync these attachments.
- 22688: If a user is attempting to set up a connection to RRC using Quickstart and creates a new project in RRC, Sync will now recognize that project and list it as an option in Quickstart while the user is selecting his desired RRC project and tasks.
- 22712: The IBM RTC Connector will now check the validity of values entered in boolean attribute fields before submitting them to the remote server, alerting the user if there are any errors.
- 22754: If a user is setting up an attribute mapping and changes the direction of the sync, the attribute mapping editor will no longer clear the source attribute.
- 22788: Tasktop Sync no longer creates a duplicate proxy task in a third-party repository if an initial Sync attempt already created a proxy task in that repository.
- 22811: The JIRA connector now displays an accurate value in the "Due date" field, even if a user is in a different timezone than the JIRA server.
- 22819: The Clarity PPM Help Documentation now includes an updated sample script for task assignments.
- 22826: When trying to enable attachment synchronization with a connector that does not support attachments, users will receive a clear error message.
- 22855: A QuickStart-generated mapping can no longer be assigned an ID that is already in use.
- 22865: When the IBM RRC Connector receives an invalid Task Key, Sync displays an accurate error message.
- 22866: When the IBM RTC Connector receives an invalid Task Key, Sync displays an accurate error message.
- 22889: Tasktop Sync now uses an updated hashing algorithm that improves its cookie signing security for the Sync and OSLC web interfaces.
- 23152: Sync Studio now operates better on machines with lower performance.
- 23158: The IBM RRC Connector will no longer fail to connect if the word 'jts' is included as a substring of the host name.

#### Features:

- Support for Folder- and Collection-Based Querying for RRC: Tasktop Sync now supports querying at the folder or collection level in RRC, allowing you to organize requirements in the style that is native to RRC and have Tasktop Sync take advantage of that organization for scoping synchronizations.
- Configuration Templates: The configuration templates feature enables Tasktop Sync administrators to easily expand the use of Tasktop Sync at their organization, allowing them to generate templates from existing mappings, create new mappings from templates, and manage template usage. These

templates can be used across many projects, promoting more efficient and rapid deployments. For customers that want to standardize on specific policies, this also helps enforce policies based on permissions and management parameters established by administrators.

- Time Worked on Task Synchronization between Atlassian JIRA and CA Clarity PPM: Tasktop Sync's new time worked feature will help your organization more easily track time worked on tasks, allowing developers and projects managers to record and share information using the tool of their choice. Tasktop Sync now aggregates work logs from issues in Atlassian JIRA and syncs them to CA Clarity PPM, populating a resource's timesheet to reflect how much time has been worked on a given task.
- Repository URL Change Support for HP ALM/QC and IBM RTC/RRC : The new Server Rename capability allows for the URL of an IBM RTC, IBM RRC, or HP Quality Center server to change and ensures that change is properly propagated through to all affected artifacts. This guarantees that your Tasktop Sync projects will continue to sync properly when your organization needs to make an infrastructure change.
- 'Sync Tasks' Streamlined Task List: The Sync Tasks tab in Tasktop Sync is more intuitive and user friendly than before, displaying only information relevant to your synchronization.
- Enhanced Quick-Start Wizard: Tasktop Sync's enhanced Quick Start wizard helps you get Tasktop Sync up and running quickly. In minutes you can easily connect your repositories and projects to Tasktop Sync to unite teams across your organization.