

1. 2.8 Release Notes 2

1.1 Tasktop Sync Release Notes - 2.8.2 3

1.2 Tasktop Sync Release Notes - 2.8.1 4

1.3 Tasktop Sync Release Notes - 2.8.0 5

2.8 Release Notes

- [Tasktop Sync Release Notes - 2.8.2](#)
- [Tasktop Sync Release Notes - 2.8.1](#)
- [Tasktop Sync Release Notes - 2.8.0](#)

Tasktop Sync Release Notes - 2.8.2

Version 2.8.2

Fixes:

- 22917: Users will no longer receive notification emails when non-fatal network errors cause task synchronization to enter a pending state. Email notifications will only be sent if the synchronization error cannot be resolved automatically.
- 22972: Using QuickStart with an existing repository configuration for Team Foundation Server (TFS) after Tasktop Sync has been restarted will no longer result in an erroneous error indicating the TFS repository cannot be found.

Tasktop Sync Release Notes - 2.8.1

Version 2.8.1

Fixes:

- 22694: Fix to prevent stale sync history from slowing upgrades.
- 22798: Fix to prevent new task creation failure when Bugzilla product not set.
- 22799: Fixed an issue where the QC 10 Remote client could not be started when the installed directory or workspace directory paths have spaces.
- 22804: The QC 10 connector properly detects failure of attachment details retrieval to prevent multiple attachment synchronization of the same attachment.
- 22922: Fixes a problem where Tasktop Sync was not able to upgrade its database due to an out of memory exception.

Features:

- 22582: Improved RRC authentication to allow connecting to a split-JTS-RRC server environment

Tasktop Sync Release Notes - 2.8.0

Upgrade Notes

Internal database update:

- An update of Tasktop Sync's internal database is required to improve the performance of Tasktop Sync.
- When upgrading Tasktop Sync the server must have enough free disk space to accommodate an increase of four times the current database size. When starting the Tasktop Sync application for the first time the console will display two messages. One message about updating the sync history database from version 2.7 to 2.8 and another message about updating the sync context database from version 2.7 to 2.8. This process can take several minutes depending on the size of the database. It is recommended that you do not start the synchronization process or close the application until the updates have finished.

System Requirements

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:

- 18656: Removed an unnecessary message at Sync start-up to define queries when task-based mappings are being used.
- 19002: "New mapping" wizard now verifies that the task being used matches the provided project.
- 19289: Fixes a problem where Tasktop Sync was not able to persist a synchronization activity due to a database constraint violation.
- 19559: The "Sync History" viewer now updates to show the most recent error when opening the viewer from the error queue.
- 20104: Fixes a problem where the task mapping editor could not open while the configuration had an invalid version.
- 20833: New task mappings added through the "Add Task Mappings" wizard will now be visible in the "Services" view immediately after generation.
- 21481: Clarity PPM repositories are now properly categorized in the task repositories view.
- 21806: Fixes a problem where Tasktop Sync would use possibly corrupted tasks to generate a repository schema.
- 21992: Fixes a problem where a UI error could happen while closing Tasktop Sync application window.
- 21997: Fixes a problem where Tasktop Sync would store multiple copies of the same repository schema object in memory.
- 22021: Clarified error message thrown when server runs out of memory while running large HP ALM queries.
- 22096: Disabled task-based mappings will no longer cause the tasks to be queried.
- 22239: Fixes a potential issue where the HP QC/ALM connector may not log in to the remote server after an application restart.
- 22287: Fixes a problem where the QC repository settings page displays an incorrect label.
- 22382: Fixed issue where Problems view would not show errors in the configuration.
- 22401: Fixed an issue where some additional error information would not be logged.
- 22458: HP ALM / QC connector now provides more details on invalid HTML in the comment field and how to address it to allow users to resolve those issue in the web UI.
- 22459: Fixes issue where Tasktop may fail to display certain errors from a CA Clarity repository.
- 22460: Fixes a potential issue where Tasktop would attempt to read an outdated invalid RTC repository configuration from disk.
- 22466: Fixes potential loss of connection to TFS.
- 22475: Fixed a problem where large amounts of errors in the error queue were causing slowness in Sync.
- 22575: IBM Tasktop Edition 1.1 installation wizard post-installation now links to 1.1 post-installation topic instead of 1.0 post-installation topic
- 22585: Fixed an issue where tasks previously deleted from the task list would cause "null argument" errors.
- 22628: Fixes a problem with detecting changes reported by queries.
- 22649: Fixed an issue where the quick start wizard could succeed in generating a mapping, but would not exit.

Features:

- 18795: Tasktop Sync will not attempt synchronizations involving repositories for which credentials in use by Tasktop Sync became invalid (eg: if they were changed on the server). Tasktop Sync will notify administrator by email about the issue.
- 21901: Person attributes in TFS (i.e. owner) are now backed by their respective user id. An option exists to switch between using short user IDs, or fully qualified user IDs with domain.
- 21950: The legacy "qc-html-to-rtc-html" and "rtc-html-to-qc-html" casters have been removed. Use the "html-to-rtcrichtext" and "rtcrichtext-to-html" casters instead.
- 21984: Quick Start mapping wizard now defaults to using existing repositories if there are any.
- 22012: Tasktop Sync supports synchronization of attributes not available on task creation.
- 22013: The default behaviour of synchronizations has changed so that only attributes with an existing corresponding target attribute are synchronized. If the target attribute should be synchronized in all cases, the mapping should include a "sparse" flag. See the Tasktop Sync User Guide for more information.
- 22154: There are now alternate strategies available for Quality Center comment parsing: strict or lenient. Strict parsing will result in ceasing synchronization of defects with invalid comment formats. Lenient, will result in continued synchronization but includes the header + comment body when synchronized.