

1. 4.13 Release Notes	2
1.1 Tasktop Sync Release Notes - 4.13.42	3
1.2 Tasktop Sync Release Notes - 4.13.40	5
1.3 Tasktop Sync Release Notes - 4.13.37	6
1.4 Tasktop Sync Release Notes - 4.13.35	7
1.5 Tasktop Sync Release Notes - 4.13.32	9
1.6 Tasktop Sync Release Notes - 4.13.31	10
1.7 Tasktop Sync Release Notes - 4.13.30	11
1.8 Tasktop Sync Release Notes - 4.13.29	12
1.9 Tasktop Sync Release Notes - 4.13.28	13
1.10 Tasktop Sync Release Notes - 4.13.27	14
1.11 Tasktop Sync Release Notes - 4.13.26	15
1.12 Tasktop Sync Release Notes - 4.13.25	16
1.13 Tasktop Sync Release Notes - 4.13.24	17
1.14 Tasktop Sync Release Notes - 4.13.23	18
1.15 Tasktop Sync Release Notes - 4.13.22	19
1.16 Tasktop Sync Release Notes - 4.13.21	20
1.17 Tasktop Sync Release Notes - 4.13.20	21
1.18 Tasktop Sync Release Notes - 4.13.19	23
1.19 Tasktop Sync Release Notes - 4.13.18	24
1.20 Tasktop Sync Release Notes - 4.13.17	25
1.21 Tasktop Sync Release Notes - 4.13.16	26
1.22 Tasktop Sync Release Notes - 4.13.15	27
1.23 Tasktop Sync Release Notes - 4.13.14	28
1.24 Tasktop Sync Release Notes - 4.13.13	29
1.25 Tasktop Sync Release Notes - 4.13.12	30
1.26 Tasktop Sync Release Notes - 4.13.11	31
1.27 Tasktop Sync Release Notes - 4.13.10	32
1.28 Tasktop Sync Release Notes - 4.13.9	33
1.29 Tasktop Sync Release Notes - 4.13.8	34
1.30 Tasktop Sync Release Notes - 4.13.7	35
1.31 Tasktop Sync Release Notes - 4.13.6	36
1.32 Tasktop Sync Release Notes - 4.13.5	37
1.33 Tasktop Sync Release Notes - 4.13.4	38
1.34 Tasktop Sync Release Notes - 4.13.3	39
1.35 Tasktop Sync Release Notes - 4.13.2	40
1.36 Tasktop Sync Release Notes - 4.13.1	41

4.13 Release Notes

- [Tasktop Sync Release Notes - 4.13.42](#)
- [Tasktop Sync Release Notes - 4.13.40](#)
- [Tasktop Sync Release Notes - 4.13.37](#)
- [Tasktop Sync Release Notes - 4.13.35](#)
- [Tasktop Sync Release Notes - 4.13.32](#)
- [Tasktop Sync Release Notes - 4.13.31](#)
- [Tasktop Sync Release Notes - 4.13.30](#)
- [Tasktop Sync Release Notes - 4.13.29](#)
- [Tasktop Sync Release Notes - 4.13.28](#)
- [Tasktop Sync Release Notes - 4.13.27](#)
- [Tasktop Sync Release Notes - 4.13.26](#)
- [Tasktop Sync Release Notes - 4.13.25](#)
- [Tasktop Sync Release Notes - 4.13.24](#)
- [Tasktop Sync Release Notes - 4.13.23](#)
- [Tasktop Sync Release Notes - 4.13.22](#)
- [Tasktop Sync Release Notes - 4.13.21](#)
- [Tasktop Sync Release Notes - 4.13.20](#)
- [Tasktop Sync Release Notes - 4.13.19](#)
- [Tasktop Sync Release Notes - 4.13.18](#)
- [Tasktop Sync Release Notes - 4.13.17](#)
- [Tasktop Sync Release Notes - 4.13.16](#)
- [Tasktop Sync Release Notes - 4.13.15](#)
- [Tasktop Sync Release Notes - 4.13.14](#)
- [Tasktop Sync Release Notes - 4.13.13](#)
- [Tasktop Sync Release Notes - 4.13.12](#)
- [Tasktop Sync Release Notes - 4.13.11](#)
- [Tasktop Sync Release Notes - 4.13.10](#)
- [Tasktop Sync Release Notes - 4.13.9](#)
- [Tasktop Sync Release Notes - 4.13.8](#)
- [Tasktop Sync Release Notes - 4.13.7](#)
- [Tasktop Sync Release Notes - 4.13.6](#)
- [Tasktop Sync Release Notes - 4.13.5](#)
- [Tasktop Sync Release Notes - 4.13.4](#)
- [Tasktop Sync Release Notes - 4.13.3](#)
- [Tasktop Sync Release Notes - 4.13.2](#)
- [Tasktop Sync Release Notes - 4.13.1](#)

Tasktop Sync Release Notes - 4.13.42

Posted: February 04, 2019

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Atlassian Jira (REST)
- Fixes
 - Connector-Specific Fixes
 - GitHub Issues
 - Microsoft Project Server
 - Microsoft Sharepoint
- Features
 - Connector-Specific Features
 - Atlassian Jira (REST)

Upgrade Notes

Connector-Specific Upgrade Notes

Atlassian Jira (REST)

- 89282: • If you are integrating Jira Cloud artifacts, you must upgrade to a version of Tasktop with these changes to prevent existing integrations from being disrupted. Jira On Premise is not impacted.
 - If you are integrating Zephyr Cloud artifacts, do not yet upgrade to this version of Tasktop (or any later versions), as changes in this version will disrupt existing Zephyr integrations. Zephyr on Premise is not impacted.
 - The user account associated with the Jira cloud connection must have the 'browse users and groups' permission granted.
 - The auto-comment username will need to be manually changed to accountid for any existing and new Jira Cloud mappings. By default, Sync is using the username from repository settings as auto-comment user when creating new mappings. If repository settings do not specify username (for example, when email + API token authentication is used), the auto-comment user field will be empty. In either case, in order to be used by Sync, it must be replaced with a valid accountid. Behavior for Jira On Premise is unchanged.
 - Any task mappings for Jira Cloud that map person attributes without using a person-mapping.xml file will no longer work. A person-mapping.xml file will be required. Behavior for Jira On Premise is unchanged.

- All usernames in the person-mapping.xml files related to Jira Cloud mappings must be replaced with Jira accountIDs. Behavior for Jira On Premise is unchanged.
- Any existing person-mapping.xml files with field-based person mapping using Jira Cloud's person-id or person-username fields will no longer work. These must be changed to use a different Jira person field, such as person-email. Behavior for Jira On Premise is unchanged.
- The mapping scripts will be passed the Jira accountID as an argument when mapping Jira Cloud users, and will need to be updated accordingly. Behavior for Jira On Premise is unchanged.
- If there are field mappings that map Jira Cloud person fields to a string field, be aware that those will now flow the Jira account ID (i.e. an alphanumeric string such as 'abc-123-def-456'), rather than the Jira username (a readable field such as 'TasktopUser'). A custom caster script can be used to flow the display name to a string field. Behavior for Jira On Premise is unchanged.

Fixes

Connector-Specific Fixes

GitHub Issues

- 92481: Fixed an issue where the Github connector was unable to create Milestones against github.com.

Microsoft Project Server

- 92244: A detailed authentication failure message is provided when users apply invalid credentials for Microsoft Sharepoint or Microsoft Project Server.

Microsoft Sharepoint

- 92244: A detailed authentication failure message is provided when users apply invalid credentials for Microsoft Sharepoint or Microsoft Project Server.

Features

Connector-Specific Features

Atlassian Jira (REST)

- 92127: Required change for Atlassian GDPR change for Jira cloud. Handles new Jira cloud response header parameter X-AACCTID to be able to differentiate anonymous vs. non-anonymous responses. This will replace X-AUSERNAME which will disappear after the Atlassian deprecation period.

Tasktop Sync Release Notes - 4.13.40

Posted: January 17, 2019

- Fixes
 - Connector-Specific Fixes
 - Salesforce

Fixes

Connector-Specific Fixes

Salesforce

- 91589: Fixed an issue where schema retrieval failed due to validation on string fields with a maximum length of zero.

Tasktop Sync Release Notes - 4.13.37

Posted: October 31, 2018

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

Fixes

Connector-Specific Fixes

Atlassian Jira (REST)

- 88860: Fixed a performance issue in the Jira connector that pertains to synchronizing the Test Cycle artifact from the Zephyr Cloud plugin.

Tasktop Sync Release Notes - 4.13.35

Posted: August 10, 2018

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - Atlassian Jira (REST)
- Fixes
 - Connector-Specific Fixes
 - QASymphony qTest Manager
 - Tricentis Tosca
- Features
 - Connector-Specific Features
 - Atlassian Jira (REST)

Upgrade Notes

Connector-Specific Upgrade Notes

Atlassian Jira (REST)

- 84636: Atlassian will be deprecating basic authentication with passwords and cookie-based authentication for Jira Cloud by December 1, 2018. Users must configure a Tasktop repository authentication method other than 'Standard Authentication,' such as 'Email Address and API Token Authentication (Jira Cloud only),' by that time. See Atlassian notice here: <https://developer.atlassian.com/cloud/jira/platform/deprecation-notice-basic-auth-and-cookie-based-auth/>.

Fixes

Connector-Specific Fixes

QASymphony qTest Manager

- 86103: Fixed an issue where a user in the state "new" without a first name and last name would cause an error.

Tricentis Tosca

- 86126: Fixed an issue where artifacts could not be retrieved from workspaces with spaces in their name.

Features

Connector-Specific Features

Atlassian Jira (REST)

- 84636: Added new authentication method, 'Email Address and API Token Authentication (Jira Cloud only),' as per Atlassian notice <https://developer.atlassian.com/cloud/jira/platform/deprecation-notice-basic-auth-and-cookie-based-auth/>.

Tasktop Sync Release Notes - 4.13.32

Posted: July 17, 2018

- Fixes
 - Connector-Specific Fixes
 - BMC Remedy

Fixes

Connector-Specific Fixes

BMC Remedy

- 83258: Updated how URLs are constructed for all supported artifact types in the BMC Remedy connector. URLs now point to a view of the artifact that is more consistent with how it would typically appear in Remedy's web UI.

Tasktop Sync Release Notes - 4.13.31

Posted: July 10, 2018

- Fixes
 - Connector-Specific Fixes
 - IBM Rational DOORS Next Generation

Fixes

Connector-Specific Fixes

IBM Rational DOORS Next Generation

- 84781: Fixed an issue where the artifact location URL or root folder relationships could be wrong when configuration management was turned on.

Tasktop Sync Release Notes - 4.13.30

No release for Tasktop Sync 4.13.30

Tasktop Sync Release Notes - 4.13.29

Posted: June 12, 2018

- Fixes
 - Connector-Specific Fixes
 - Micro Focus ALM (HPE)

Fixes

Connector-Specific Fixes

Micro Focus ALM (HPE)

- 83708: Fixed an issue where Requirement Folders did not show up as available artifact types, due to having non-standard names for requirement types in Micro Focus (HPE) ALM.

Tasktop Sync Release Notes - 4.13.28

Posted: June 04, 2018

- [Fixes](#)
 - [Sync Fixes](#)

Fixes

Sync Fixes

- 83142: Fixed an issue when mapping by labels wasn't possible for dependent fields.

Tasktop Sync Release Notes - 4.13.27

Posted: May 30, 2018

- Fixes
 - Connector-Specific Fixes
 - IBM Rational DOORS

Fixes

Connector-Specific Fixes

IBM Rational DOORS

- 83429: Connector no longer utilizes unstable attachments fields.

Tasktop Sync Release Notes - 4.13.26

Posted: May 24, 2018

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - BMC Remedy
- Fixes
 - Connector-Specific Fixes
 - BMC Remedy

Upgrade Notes

Connector-Specific Upgrade Notes

BMC Remedy

- 82829: BMC Remedy connector requires the newest customized web services for all types (Problem, Incident, Change, and Work Order) when upgrading to this version. See Connector Documentation for details.

Fixes

Connector-Specific Fixes

BMC Remedy

- 83258: Fixed incorrect URLs for BMC Remedy Work Order and Incident artifacts.
- 82829: BMC Remedy connector can now synchronize artifacts that contain person fields where multiple users have the same name. Assignee for Incident is now writeable on update.

Tasktop Sync Release Notes - 4.13.25

Posted: May 15, 2018

- Fixes
 - Connector-Specific Fixes
 - Micro Focus ALM Octane

Fixes

Connector-Specific Fixes

Micro Focus ALM Octane

- 82670: Fixed an issue that prevented the Micro Focus ALM Octane connector from supporting ALM Octane versions 12.55.30 and up.

Tasktop Sync Release Notes - 4.13.24

Posted: May 08, 2018

- Fixes
 - Connector-Specific Fixes
 - QASymphony qTest Manager

Fixes

Connector-Specific Fixes

QASymphony qTest Manager

- 82872: Fixed exceptions caused by API changes in QASymphony SaaS service.

Tasktop Sync Release Notes - 4.13.23

Posted: May 03, 2018

- Fixes
 - Connector-Specific Fixes
 - Jama (SOAP/REST)

Fixes

Connector-Specific Fixes

Jama (SOAP/REST)

- 82809: Fixed version detection against Jama cloud instance.
- 81432: Jama connector now allows a greater range of unicode characters in Jama attachment file names.

Tasktop Sync Release Notes - 4.13.22

Posted: May 02, 2018

- Fixes
 - Connector-Specific Fixes
 - CA Agile Central (Rally)
- Features
 - CA Clarity PPM

Fixes

Connector-Specific Fixes

CA Agile Central (Rally)

- 82427: Connector can parse HTML in successful response messages.

Features

CA Clarity PPM

- 81427: Added support for CA PPM version 15.4.

Tasktop Sync Release Notes - 4.13.21

Posted: April 25, 2018

- [Fixes](#)
 - [Sync Fixes](#)

Fixes

Sync Fixes

- 78767: Upgraded Jetty web server used by the Tasktop Sync web container to version 9.2.13

Tasktop Sync Release Notes - 4.13.20

Posted: April 18, 2018

- Upgrade Notes
 - Connector-Specific Upgrade Notes
 - BMC Remedy
 - CA Clarity PPM
- Fixes
 - Connector-Specific Fixes
 - Atlassian Jira (REST)
 - BMC Remedy
 - CA Clarity PPM
 - Micro Focus ALM / QC (REST)
 - Microsoft TFS

Upgrade Notes

Connector-Specific Upgrade Notes

BMC Remedy

- 81661: To flow attachments into BMC Remedy Work Orders, an updated Work Orders Custom Web Services Definition File (tasktop-workorder-customization.def) must be downloaded and imported into BMC Remedy. See Connector Documentation for details.

CA Clarity PPM

- 81437: The CA PPM NSQL Query for Tasktop_SearchTasks should be updated to prevent sub-projects from being captured in the query. See Connector Documentation for details.

Fixes

Connector-Specific Fixes

Atlassian Jira (REST)

- 81996: Fixed an issue where synchronizing artifacts with unexpected values in the watchers field caused an error.
- 81902: Fixed an issue where repository locations ending with '/' caused an error during synchronization.

BMC Remedy

- 81661: Fixed an issue where attachments were not synchronizing to BMC Remedy Work Orders. Please see Upgrade Notes for additional details.

CA Clarity PPM

- 81437: CA PPM NSQL Query for Tasktop_SearchTasks has been updated to prevent sub-projects from being captured in the query.

Micro Focus ALM / QC (REST)

- 81878: Fixed an issue where test runs of test instances in the root (default) test set could not be retrieved.

Microsoft TFS

- 81750: Fixed the Microsoft Team Foundation Server connector to raise a more appropriate error when attempting to retrieve an artifact from a Team Project Collection that has been stopped.

Tasktop Sync Release Notes - 4.13.19

Posted: April 11, 2018

- Fixes
 - Connector-Specific Fixes
 - IBM Rational Requirements Composer / DOORS Next Generation
 - Jama (SOAP/REST)
 - ServiceNow

Fixes

Connector-Specific Fixes

IBM Rational Requirements Composer / DOORS Next Generation

- 81905: Jazz OAuth has been fixed for split server authentication.

Jama (SOAP/REST)

- 81782: Fixed an issue in Jama that would prevent synchronization due to users that don't have a display name.
- 81432: Jama connector now allows a greater range of unicode characters in Jama attachment file names.

ServiceNow

- 81896: Fixed an issue that caused users to get a NullPointerException when trying to create a collection.

Tasktop Sync Release Notes - 4.13.18

Upgrade Notes

Connector-Specific Upgrade Notes

Micro Focus ALM / QC (REST)

- 81600: A new field titled 'Override Comment Time Zone' was added to the repository connection settings for the Micro Focus ALM connector. This field allows for manually specifying the time zone to be used when determining the creation date of comments retrieved from Micro Focus ALM . If no value is provided, the time zone used will default to local system time. Prior to making any changes to the time zone of the Tasktop service, it is recommended that this value be set for any existing integrations involving comments. If this value is not set and the Tasktop service time zone is changed, comments already processed may be duplicated.

Fixes

Connector-Specific Fixes

IBM Rational DOORS

- 81592: Fixed an issue where the IBM DOORS connector assumed all dates were against the UTC timezone.

Micro Focus ALM / QC (REST)

- 81600: A new field titled 'Override Comment Time Zone' was added to the repository connection settings for the Micro Focus ALM connector. This field allows for manually specifying the time zone to be used when determining the creation date of comments retrieved from Micro Focus ALM . If no value is provided, the time zone used will default to local system time. See connector documentation for further information.

Tasktop Sync Release Notes - 4.13.17

Fixes

Connector-Specific Fixes

BMC Remedy

- 81419: Fixed an issue in BMC Remedy where the connector could report “User not found” if the search crossed an empty boundary condition.

IBM Rational Team Concert

- 79950: To reduce authentication failures, we've improved how OAuth redirects are handled in the IBM Rational Team Concert connector.

Microsoft TFS

- 81153: Test Case ‘Steps’ field is now a read-only string field.

Tasktop Sync Release Notes - 4.13.16

Fixes

Connector-Specific Fixes

Atlassian Jira (REST)

- 81278: Handle synchronizing collections with reference to deleted users more efficiently.

Tricentis Tosca

- 80982: Fixed an error that occurred when synchronizing an item created in an Exploratory Session.

Tasktop Sync Release Notes - 4.13.15

Upgrade Notes

Sync Upgrade Notes

- 80724: Configuration of Apache commons-logging via command line is no longer available. Customers can use log4j.xml for this purpose.

Fixes

Sync Fixes

- 80341: Modified the Support and Usage Report creation process to eliminate certain information from user-generated reports.

Connector-Specific Fixes

CA Agile Central (Rally)

- 80892: Fixed an issue in the CA Agile Central connector where updating more than 25 comments or artifact links in one operation results in a server error.

IBM Rational DOORS

- 80382: Fixed an issue where the IBM DOORS connector would prevent Tasktop from processing events.

Microsoft TFS

- 80813: Fixes an error about display name occurring when a user cannot be retrieved from TFS by the connector.

Polarion ALM

- 81055: Connector can handle invalid namespace <http://ws.polarion.com/ProjectWebService> in Polarion responses.

Tasktop Sync Release Notes - 4.13.14

Fixes

Connector-Specific Fixes

ServiceNow

- 80943: ServiceNow connector now dynamically defines item type field as read only or not.
- 28579: Fixed ServiceNow from receiving list options in undesired languages.

Tricentis Tosca

- 80759: Updated Tosca checkout errors to retry automatically.

Tasktop Sync Release Notes - 4.13.13

Upgrade Notes

Connector-Specific Upgrade Notes

CA Agile Central (Rally)

- 80502: Users authenticating with API Key in the username field will be automatically migrated to use the "API Key Access" authentication option, and have their username cleared out.

Fixes

Connector-Specific Fixes

ServiceNow

- 77283: Fixed an issue where utilizing a repository query with a large number of filters resulted in an error in the ServiceNow connector.

Targetprocess

- 80921: Fixed an error that would prevent creation of new tasks with custom fields in Targetprocess.

Tasktop Sync Release Notes - 4.13.12

Fixes

Connector-Specific Fixes

IBM Rational Team Concert

- 80294: Fixed an issue where status transitions would fail if the IBM Rational Team Concert workflow contained special characters in its ID.

Microsoft TFS

- 80237: Improved the Microsoft Team Foundation Server connector to better handle irregular person field values on work items.

Targetprocess

- 80423: The following fields are now writable, for all entity types: Progress, TimeRemain, TimeSpent, Effort, EffortCompleted, EffortToDo, and EndDate. Note: to write to these fields, metrics must be added to Targetprocess settings. Please contact Targetprocess support for details.

Tasktop Sync Release Notes - 4.13.11

Fixes

Connector-Specific Fixes

IBM Rational Team Concert

- 79950: To reduce authentication failures, we've improved how OAuth redirects are handled in the IBM Rational Team Concert connector.

Microsoft SharePoint

- 80658: Fixed AuthenticationStateExpiredExceptions when creating artifacts in the SharePoint connector.

Tasktop Sync Release Notes - 4.13.10

Fixes

Connector-Specific Fixes

Atlassian Jira (REST)

- 80281: Fixed an issue where rich text was converted incorrectly when flowing to Jira.

Micro Focus ALM / QC (REST)

- 80313: Fixed an issue where length constraints were applied to labels of nested item list.

ServiceNow

- 80519: Fixed an issue where change detection was blocked by empty summary field.

Features

CA Agile Central (Rally)

- 80353: CA Agile Central connector now supports API Key authentication.

Tasktop Sync Release Notes - 4.13.9

Features

- 80341: Includes support bundle improvements.

Tasktop Sync Release Notes - 4.13.8

No release for Tasktop Sync 4.13.8

Tasktop Sync Release Notes - 4.13.7

Fixes

Connector-Specific Fixes

Atlassian Jira (REST)

- 79956: Fixed an issue in Jira where users with certain scripted fields were unable to create a collection.

Microsoft TFS

- 80078: Fixes an issue where unexpected user values returned from the TFS server were blocking Tasktop from running.
- 79508: Fixed an issue where modifying a Microsoft TFS collection name could lead to HTTP errors.

VersionOne

- 79753: Fixed an issue where an invalid web link value (e.g. one with spaces in the URI) could cause artifact retrieval to fail. These values are now being ignored.

Tasktop Sync Release Notes - 4.13.6

Fixes

Sync Fixes

- 79734: Proxy Association Export Wizard now validates if Person Handles are valid on the tasks to be exported.

Connector-Specific Fixes

QASymphony qTest Manager

- 79789: Improve error handling for QA Symphony authentication tokens

Tricentis Tosca

- 79697: Revision field is now able to be mapped in the Tricentis Tosca connector.

Tasktop Sync Release Notes - 4.13.5

Fixes

Connector-Specific Fixes

IBM Rational Requirements Composer / DOORS Next Generation

- 78857: Fixed an issue in the IBM Rational Doors Next Generation Connector which sometimes prevented rich text fields containing multi line content from synchronizing correctly.

Tasktop Sync Release Notes - 4.13.4

Upgrade Notes

Connector-Specific Upgrade Notes

Salesforce

- 79244: Artifact schemas need to be refreshed. Mappings that include changed fields will need to be updated.

Fixes

Connector-Specific Fixes

Salesforce

- 79244: Fixed a problem where a field conversion threw an exception.

Tasktop Sync Release Notes - 4.13.3

Features

CA Agile Central (Rally)

- 79356: In CA Agile Central the fields LastRun, AcceptedDate, ActualStartDate ClosedDate. LateChildCount are now supported for queries

Tasktop Sync Release Notes - 4.13.2

Fixes

Connector-Specific Fixes

Atlassian Jira (REST)

- 79134: Fixed an issue causing degraded performance while synchronizing the Test Case artifact on Jira Cloud.
- 79002: Fixed an issue with mapping a JIRA nFeed field in a collection.

HP QC / ALM (OTA/REST)

- 76594: Dev now accepts all characters in password and username field for HP QC.

Micro Focus ALM Octane

- 79118: Fixed errors caused by API changes introduced by the Octane 12.55.9.70 SaaS deploy.

Features

CA Agile Central (Rally)

- 78931: CA Agile Central now supports query language searches on more fields

ServiceNow

- 79062: Date/DateTime fields supported for query language searching.

Tasktop Sync Release Notes - 4.13.1

Upgrade Notes

Upgrading from the previous version of Sync

- Tasktop Sync has a new install wizard which will prompt all necessary configuration during install.

Connector-Specific Upgrade Notes

- Rational Doors NextGen
 - Schema refresh is required for all Rational Doors NextGen repositories.
- Microsoft Team Foundation Server (SDK)
 - Schema refresh is required for all TFS repositories in order to get all the available options to show up.
 - No migration is required for customers having previous artifacts synced from an on-demand server. Where the Location field is included in a mapping, proxy artifacts may be unexpectedly updated when non-mapped TFS field values are updated. A TFS artifact's Location field will not update to the correct URI until changes are detected in the TFS artifact.

Connector-Specific Upgrade Notes

BMC Remedy

- 68111: Definition files need to be updated on the remedy server

IBM Rational ClearQuest

- 76650: Refresh the schema for any IBM ClearQuest repositories.

IBM Rational Requirements Composer

- 77535: RDNG 6.0.5 no longer supports WebLink backlinks.
If your server is upgraded to 6.0.5 and such backlinks are used in the mapping, the mapping will become invalid (as the fields will not exist on the artifact anymore).

Microsoft Team Foundation Server

- 77598: TFS Repositories will no longer accept usernames of the form "\". If the repository was originally setup with credentials in this form, they will need to be edited.
To supply a domain, use the Domain field.
- 77098: If the user has an existing Team Foundation Server repository configured, they will be prompted to upload the Team Foundation Server Command-Line Client.

- 76799: Sync mappings that map custom person fields with TFS 2017+ repositories will need to be updated.

System Requirements

Supported Operating Systems

Tasktop Sync is supported on the following operating systems and versions.

- Windows Server 2012
- Windows Server 2008
- Windows Server 2007
- Red Hat Enterprise Linux 5, 6 & 7 (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 1.8.0-u91.

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 M3 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 M3 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 M3 Large or M3 Extra Large Instance.

h3. Supported Operating Systems

Tasktop Sync is supported on the following operating systems and versions.

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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 M3 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 M3 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 M3 Large or M3 Extra Large Instance.

Fixes

Sync Fixes

- 77964: During proxy association export, refresh option now removes local tasks that have been deleted in the repository.
- 76833: The Export Proxy Associations wizard now validates the artifact schema of all of the exporting tasks, and lets the user refresh the task where the schema does not match.
- 76899: Fixed issue that allowed a task to match multiple mappings with different, overlapping queries.

Connector-Specific Fixes

Atlassian Jira

- 78551: Fixed an issue where parsing Jira nFeed user fields that don't have key field in response payload results in error
- 78331: Fixed an issue where restricted epic links caused an error in the Jira connector.
- 78277: Fixed an issue where Resolution was not being set by Jira status transitions
- 77861: Fixed an issue with the Jira connector that was causing the Sprint label to include the goal description when the Sprint field was read.
- 76854: Optimized change detection of Jira artifacts.
- 76571: Fixed Epic Link appearing as read-only when Epic issue type is renamed.

BMC Remedy

- 77719: Fixed an issue with the BMC Remedy connector where it was unable to perform certain transitions for Change artifacts when the Change Coordinator or Change Manager fields were set.

CA Clarity PPM

- 75336: Fixed an issue where the connector failed when multiple open time sheets are encountered. Now only if multiple time sheets have the same actual for the same user, task and day will artifact retrieval fail.

HPE ALM

- 77859: Fixed an issue where the connector does not properly distinguish expired sessions from failed authentication, leading to errors instead of re-authentication.

- 77632: Fixed an issue where comments synced using Single Value Memo Field comments handling displayed raw HTML.
- 77284: Fixed an issue where an expired session, resulting in a “permission denied” response, wasn’t triggering re-authentication.

HPE ALM Octane

- 78090: Fixed an issue where the HPE ALM Octane connector did not write the expected break line HTML tag.

IBM Rational ClearQuest

- 76650: Fixed an issue in the IBM ClearQuest connector that would timeout when attempting to list options for read only reference fields.
- 76319: Fixed an issue where values were not included when performing transitions in IBM Rational ClearQuest.

IBM Rational Requirements Composer

- 78594: Fixed an issue with the IBM RDNG connector that prevented it from querying for artifacts in a module.

Microsoft Project Server

- 77257: Fixed an issue where multiple work logs weren’t being properly synced into the Microsoft Project Server connector.

Microsoft Sharepoint

- 77214: Fixed an error that prevented users from creating a Sharepoint collection due to duplicate Created and Modified fields

Microsoft Team Foundation Server

- 77908: Fixed an issue where resources were not always properly released when connections were closed by the Microsoft TFS Connector.
- 77609: Fixed an issue where a closed team collection on a team foundation server causes the connector not to be able to retrieve the list of projects (for any team collection).
- 77598: Fixed an issue where repository credentials would validate, but artifact retrieval failed due to invalid credentials for REST calls.
- 77452: Fixed an issue where creating an artifact would cause an error in TFS 2015 RTM.
- 77098: Fixed the Microsoft Team Foundation Server connector to specify a requirement on the Team Foundation Server Command Line Client.
- 75151: Fixed an issue where Tasktop Integration Hub would fail to transition a Microsoft Team Foundation Server work item to a new state.

Planview

- 78382: Fixed an issue in Planview where updates to artifacts would reset some fields to their default values.

Salesforce

- 76838: Fixed an issue where the owner of a Salesforce Case would change according to Salesforce case assignment rules.

Serena Dimensions RM

- 76729: Improved session management in Dimensions CM to fix 'Server session is disconnected' errors

ServiceNow Service Desk

- 78199: Active field for ServiceNow Connector is now writable.
- 77672: Fixed an issue where Demand artifacts could not be synchronized for ServiceNow.
- 76890: Fixed hanging issue when processing ServiceNow comment containing paragraph beginning with a semicolon and space.
- 76714: Fixed an issue where a ServiceNow user Title field mapped value can cause an error
- 76226: Fixed an issue where a user would see an error in their integration when their ServiceNow configuration included using the table system id as a GUID.
- 76144: Fixed an issue where rich text transformations would show unnecessary style information from the source text
- 75816: Fixed issue where ServiceNow comments containing non-alphanumeric characters were difficult to read.

SmartBear QAComplete

- 59445: Changed the list of invalid characters in an attachment filename to exclude spaces so attachment filenames that contain spaces in them will now be allowed.

VersionOne

- 78768: Fixed an issue where retrieving an artifact that had been closed by a deleted user would cause an error.
- 77713: Fixed an issue with the VersionOne connector where it was unable to support the VersionOne On-Demand Fall 2017 Update.

Features

Atlassian Jira

- 77803: Epic Link field in Jira Connector is now the Parent smart field.

Blueprint

- 78378: Added support for Diagram attachments on Blueprint Process artifacts.

CA Agile Central (Rally)

- 74828: CA Agile Central (Rally) connector is now able to retrieve more than 2000 options for single-select fields on supported versions.

HPE ALM Octane

- 76741: Added a new authentication method to use API Access Keys.

HPE PPM

- 77398: Added support for retrieving and updating Project Request artifacts in HPE PPM

IBM Rational DOORS Next Generation

- 77535: RDNG 6.0.5 no longer supports Weblink (external link) backlinks. Therefore, after upgrading an RDNG server to 6.0.5, artifacts in Tasktop will no longer have those fields available. Examples of no longer available WebLink fields: Parent Of, Trace Architecture Element, Embedded In.

IBM Rational Team Concert

- 78200: The IBM Rational Team Concert connector now supports a number of new extended rich text formats in applicable versions of IBM RTC.
- 77136: Support added for IBM RTC 6.0.5

Jama

- 77628: Jama connector can now authenticate using OAuth 2.0.
- 76897: State transitions are now supported in Jama.
- 73121: Users can now route by Jama Components.

Microsoft Team Foundation Server

- 76799: Added the ability to treat custom TFS person fields as PersonHandle fields instead of ValueWithLabel fields in TFS 2017+ repositories.

Serena Business Manager

- 76814: Updated label and logo for Solutions Business Manager (previously Serena Business Manager)

Serena Dimensions RM

- 78796: Updated Dimensions RM Logo.

VersionOne

- 78356: IsClosed is now writeable on VersionOne artifacts, allowing to manipulate the asset state of artifacts to being closed and open.
- 77676: The application now supports VersionOne's new Tags field.

iRise

- 51464: Enabled rich text Markdown for iRise's Description field