Binary Tree® Directory Sync Pro for Notes 20.13

Release Notes

February 2023

These release notes provide information about the Binary Tree Directory Sync Pro for Notes 20.13 release.

Topics:

About this release

Binary Tree Directory Sync Pro for Notes sets up and maintains a sync between Active Directory and Domino Directory.

Directory Sync Pro for Notes 20.13 is a minor release, with enhancements and resolved issues.

Enhancements

The following is a list of enhancements implemented in Directory Sync for Notes 20.13.

Table 1. General enhancements

Enhancement	Issue ID
Added a command line utility (ChangeSQLServerPW.exe) to allow for updating the SQL password hash in the config files on Domino and Windows.	76820
Support for Domino/Notes 12 has been added.	77809

Added options to map and sync Domino group ListOwner to AD ManagedBy and msExchCoManagedByLink. This requires a BTCustom mapping and has two configuration settings (SetGroupManagedByFromListOwner and GroupListOwnerIsAuthoritative) to enable the mapping and to control if the data is always set from Domino or will only update for 'Null' AD attributes.	77848

Resolved issues

The following is a list of issues addressed in this release.

Table 2. General resolved issues

Resolved Issue	Issue ID
Update for sync to not set a password on AD contacts when sync'ing external contacts from Domino groups.	77790
Removed validation check for adding additional trial licenses.	77884
Update to resolve an AD lookup failure for the Manager field mapping in sync profiles. This will only update the mapped AD attribute if the source Domino field is populated.	77996

Known limitations

The following is a list of known limitations or issues, including those attributed to third-party products, known to exist at the time of this release.

Table 3. AD to Domino Sync - Group Objects

Known limitation	Issue ID
Syncing an AD group that does not have Exchange attributes to Domino as a Person document creates a group with no name in the Domino directory.	14863

Table 4. Domino to AD Sync

Known limitation	Issue ID
If you attempt to manually sync from a command line, and either the source or target server are unavailable, no activity will appear in the command window.	14847
When synchronizing objects from Domino to Active Directory using Directory Sync Pro, some special and accented characters in the source Domino data (such as ñàèéêèioô ß œ æ) should be remediated prior to synchronization to AD as they are not allowed in AD.	14873

Table 5. Domino to AD Sync - Group Objects

Known limitation	Issue ID
When synchronizing groups from Domino to Contact objects in Active Directory, two Domino groups with the same SMTP address will be synched to AD, instead of the second group being skipped.	14845
A nested group will synchronize from Domino to Active Directory even if that group is explicitly listed in the Groups to Exclude list.	14846
When synchronizing from Domino to Active Directory, a group with a "/" as the first character will synchronize to Active Directory as 'O=<groupname> (ex: /group13 will appear as O=group13 with mailNickname as O_Group13).	14855

If a Domino group, which has already been synchronized, is updated with invalid characters in the SMTP Address, there is no warning regarding the invalid characters.	14859
When Directory Sync Pro is syncing a group from Domino to AD, the CN part of the DN will be created by using the first non-empty field from SQL in the following order: DisplayName, Name, CommonName, PrimaryAlias. If any of these values exceed 64 characters, then the source data will need to be altered to be 64 characters or less, or overrides can be used to truncate the value to 64 characters.	14872
The Directory Sync Pro Group synchronization process from Domino to AD only supports Domino Group members that are either SMTP addresses or Notes addresses. The Create External Members as Contacts in AD must be configured when synchronizing SMTP addresses as Group members. Group members in RFC822 format are not supported and this data should be remediated in the Source prior to Group synchronization.	36787

Table 6. Domino to AD Sync - User Objects

Known limitation	Issue ID
Domino users with no value in the User Name field will not appear in the GAL without customizing the mapping table to build the Display Name. (14848)	14848
The Domino to AD Directory Sync function to replace the internet domain for email routing to the Exchange SMTP domain, truncates the local part of the address if the source Internet Address Local Part is longer than 50 characters. The dbo.ReplaceDomain function can be copied and modified and used in an override to resolve this issue if it exists in an environment.	25576
A user may be repeatedly added and removed to groups they are a member of if the user is added to a Domino group and synced, and then deleted and later re-added to Domino and synced again.	47359

Table 7. Exchange and AD Sync

Known limitation	Issue ID
Directory Sync Pro cannot sync the same source directory to more than one target directory using the same SQL database. The supported configuration for this is separate instances of Directory Sync Pro writing to separate SQL databases.	14839
Renames and moves fail to work if you are using a manual /repushpull or /resync command. Before running the /repushpull /repush /repull and /resync commands, administrators should clear the target OU of any previously created Directory Sync Pro objects.	14840
When synching objects into Exchange 2003 (only), the option to hide from the GAL will not function if the Recipient Update Service (RUS) is enabled.	14851
Directory Sync Pro does not sync OU attributes such as Managed By or Description.	15680

Table 8. Exchange and AD Sync - Device Synchronization

Known limitation	Issue ID
Support for mismatched device names using overrides and mapped values will be added in a future release.	14876

Table 9. Exchange and AD Sync - Group Objects

Known limitation	Issue ID
Directory Sync Pro will create nested group objects as User Objects during syncing when Blank or Invalid LDAP filters have been applied in the Sync Profile for source OU under User Filter. The user should apply (ObjectClass=x) LDAP filter if they do not want to migrate any of the user objects.	14868

Table 10. Exchange and AD Sync - Password Sync

Known limitation	Issue ID
Directory Sync Pro will encounter an error if the Administrator password contains special characters such as ", #, =. Take care using special characters in the Administrator password to avoid issues when performing the password copy portion of the synchronization.	14867
Password sync does not support usernames that contain spaces.	37933

Table 11. Exchange and AD Sync - User Objects

Known limitation	Issue ID
There is an issue with the Target ThumbnailPhoto attribute being updated when it has been changed in the Source.	29210
To synchronize the UserAccountControl attribute, an Exchange Migration Directory Sync Pro profile should be utilized. This attribute will not be synchronized if using and Active Directory Sync profile.	34387
Objects moved between source OUs results in duplicate Person Configuration entries.	43956

Table 12. General Synchronization

Known limitation	Issue ID
Attempts to edit target objects synchronized from Exchange 2010 to Exchange 2003 will result in a dialog prompting you to click 'yes' to upgrade the object to the latest version. Objects should only be updated or deleted from the source directory.	14841
If the BTDirsync or BinaryTree.Dirsync.Exchange.exe service is not running, a warning or error message does not appear in the UI when you attempt to sync.	14864
No shutdown complete message is sent when the BTDirsync service is stopped on the Domino server.	14864
Rooms, Resource, and Mail-in Databases are created without a proxyaddress or target address if the user mappings are removed.	27877
Directory Sync Pro cannot create an AD Container Object in the Target AD and cannot create objects that are contained in a Container.	29690
Directory Sync Pro does not populate the Manager attribute if the manager and subordinate are the same user.	30643
Specifying a profile ID when running the command line /sync command runs the sync for all profiles, not just the specified profile.	33750

Table 13. Installation

Known limitation	Issue ID
The default installation path (C:\Program Files\Binary Tree) contains a space between "Binary" and "Tree". If you are also installing Notes Integration	CMT on the same servers, there will be two Binary Tree folders, one with a space and one without. This does not impact the functionality of either product.	14861

Known limitation	Issue ID
During an install or an uninstall of Directory Sync Pro on a Domino server, if the option "Allow installer to edit notes.ini" is selected the Notes.ini will be stripped of comments in addition to the servertasks line being updated. A backup file notes.bak.ini is stored in the same directory on the Domino server.	14870
If the Local Security Option FIPS is enabled on the system where the Directory Sync Pro console is installed, the Directory Sync Pro Profiles will not be saved due to Directory Sync profile encryption technology being blocked by FIPS security setting. It is recommended to disable this security setting on the Directory Sync Pro console machine.	14874
A new passive node is created if Directory Sync Pro is uninstalled and re-installed and pointed to an existing SQL database.	22826
All-in-one configurations where the Directory Sync Pro console and the AD service is running on the Domino server are not supported. (39847) If using McAfee Antivirus software, the BTPassSvc.exe file should be excluded so it is not viewed as a potential virus.	53553
If using Symantec Antivirus software, the BTPassSvc.exe file should be added as an exception, so it is not viewed as a potential virus.	56003

Table 14. Licensing

Known limitation	Issue ID
If an override TypeOfTransaction is set to an unrecognized value (i.e. "Skip") then a license will be burned. Valid TypeofTransaction values to use in an override are: Insert, Modify, Rename, Move and Delete.	14651

Table 15. Mapping

Known limitation	Issue ID
The Personal Ranking and Hierarchical level fields, on the Corporate Hierarchical Information tab of the person document (in a Domino Directory) will not automatically appear in the source field mapping table drop down. To map these fields, you must manually type them into the mapping table.	14866

Table 16. Matching

Known limitation	Issue ID
Enabled IPV6 on the Binary Tree Directory Sync Pro (DirSync) servers can cause referral matching to fail. IPV4 is the preferred version.	14844

Table 17. Override

Known limitation	Issue ID
When you save an override, Directory Sync Pro re-generates the Person or Groups view. It does this by dynamically generating a single SQL statement using the snippet of SQL code that is part of all overrides. The max size for this SQL statement is 8000 total characters. If many new overrides are added this limit could be exceeded and an error when adding the overrides will occur. In addition to the default overrides, approximately 15-20 more Person and 20-25 Group overrides can be added before hitting the size limit.	14871

Table 17. SQL

Known limitation	Issue ID
Deleting an object from both the target and source Active Directory (AD) will cause errors during the next directory synchronization, unless the object row is deleted from the SQL database. Binary Tree strongly recommends that updates and deletes are made from the source directory only.	14838

Known limitation	Issue ID
Removing a synchronization profile by using the Remove Domain button in the Directory Sync Pro UI does not remove the information from the SQL database.	14842
BT_Config.Description column exists in the SQL table, but is no longer used in the UI.	14843

Table 17. UI

Known limitation	Issue ID
Resync (same as repushpull but runs for all profiles) and repushpull can only be run manually from a command line and are not available in the user interface.	14850
When creating an Active Directory to Domino sync profile, the Domino Target tab auto selects the previously selected Domino Directory when creating a new profile.	14856
If the Auto-Map blacklist is changed in the DirSync_AutoMapBlacklist SQL table, Directory Sync Pro must be closed and relaunched to pick up the changes.	18339

System requirements

Refer to the Binary Tree Directory Sync Pro for Notes 20.13 Requirements and Installation Guide (https://support.quest.com/technical-documents/binary-tree-directory-sync-pro-for-notes/20.13/requirements-and-installation-guide) for system requirements.

Product licensing

A valid license is required for Binary Tree Directory Sync Pro for Notes which will be provided as a .dlv file to be imported into the product.

To obtain licenses, see information on this page https://www.quest.com/company/contact-us.aspx or contact the sales team at sales@quest.com

To specify a license file:

When opening the application for the first time, you are prompted to add a license before proceeding. Copy the license file provided to the server and select the file to apply the license.

To view or add a license file:

1. In the upper-right menu of the product console, under Settings, select **Licenses**.

2. View the existing license information including the license number and object counts.

3. To apply a license, copy the license file to the server and click **Add License**. Select the license file provided to apply it to the product.

License consumption:

The product will consume a license from the purchased count for each object synchronized for Domino to Active Directory (AD) and from Active Directory to Domino if that is used.

The license count for user objects will include Domino Person, Mail-In Database, Room and Resource objects to sync from Domino to AD along with AD User and Contact objects if sync'ing from AD to Domino.

When an object is synchronized, either as a new object created or an existing object updated, a license count is consumed and is not returned to the license count. This includes objects in Domino or Active Directory if they are deleted after they are synchronized. Consideration should be given to any expected account turnover that may occur while the Directory Sync Pro product is in use as new accounts will require a license count.

The license for group objects only applies to Domino and Active Directory groups for the license count. The group membership, including external Domino contact SMTP membership, does not use a license count and the membership can be changed and deleted without consuming license counts.

Upgrade and installation instructions

Refer to the Binary Tree Directory Sync Pro for Notes 20.13 Requirements and Installation Guide (https://support.quest.com/technical-documents/binary-tree-directory-sync-pro-for-notes/20.13/requirements-and-installation-guide) for installation instructions.

More resources

Additional information is available from the following:

- Online product documentation (https://support.quest.com/binary-tree-directory-sync-pro-for-notes/20.13/technical-documents)

Globalization

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release is Unicode-enabled and supports any character set. In this release, all product components should be configured to use the same or compatible character encodings and should be installed to use the same locale and regional options. This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe, Far-East Asia, Japan. It supports bidirectional writing (Arabic and Hebrew). The release supports Complex Script (Central Asia – India, Thailand).

About us

Quest creates software solutions that make the benefits of new technology real in an increasingly complex IT landscape. From database and systems management, to Active Directory and Office 365 management, and cyber security resilience, Quest helps customers solve their next IT challenge now. Around the globe, more than 130,000 companies and 95% of the Fortune 500 count on Quest to deliver proactive management and monitoring for the next enterprise initiative, find the next solution for complex Microsoft challenges and stay ahead of the next threat. Quest Software. Where next meets now. For more information, visit www.quest.com.

Technical support resources

Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at https://support.quest.com.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to-videos
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product.