

Directory Sync Pro for Active Directory 20.11.4.1

Release Notes

September 2025

Directory Sync Pro for Active Directory sets up and maintains an Active Directory sync between multiple AD domains.

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Enhancements

The following is a list of enhancements implemented in Directory Sync Pro for Active Directory 20.11.4.1.

Table 1. General enhancements

ID	Description
49471	Updates to VPAT.

Resolved Issues

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

ID	Issue
51253	The UI does not accept a domain name that starts with a number.
55033	The "All Profiles" drop-down option under Computer Actions does not appear when it should.
55456	Unchecking the Password Propagation Service Web API option in the installation wizard also unchecks the Directory Sync Pro / Migrator Pro Console option resulting in the Directory Sync Pro Console to not be installed.
55758	The Directory Sync Pro UI hangs during selection of source or target OUs when there is a large number of these OUs.

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.

Exchange and AD Synchronization Known Limitations

ID	Description
4650	Directory Sync Pro for Active Directory 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 for Active Directory writing to separate SQL databases.
4651	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 for Active Directory objects.
4657	When syncing objects into Exchange 2003 (only), the option to hide from the GAL will not function if the Recipient Update Service (RUS) is enabled.
4667	Directory Sync Pro for Active Directory does not sync OU attributes such as Managed By or Description.

Exchange and AD Device Synchronization Known Limitations

ID	Description
4666	Support for mismatched device names using overrides and mapped values will be added in a future release.

Exchange and AD Synchronization - Group Objects Known Limitations

ID	Description
4662	Directory Sync Pro for Active Directory 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.

Exchange and AD Password Synchronization Known Limitations

ID	Description
4661	Directory Sync Pro for Active Directory 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.
4675	Password sync does not support usernames that contain spaces.
31353	Password sync does not support AES hashes.
N/A	<p>The RC4 encryption (Rivest Cipher 4 or RC4-HMAC) is an element of Microsoft Kerberos authentication that Quest migration products require to sync Active Directory passwords between Source and Target environments. Disabling the use of the RC4 protocol enabled makes password syncing between environments impossible.</p> <p>Beginning on November 8, 2022 Microsoft recommended an out of band (OOB) patch be employed to set AES as the default encryption type. The enabling and disabling use of the RC4 encryption protocol has potential impact beyond the function of password syncing of Quest migration tooling and should be considered carefully.</p>

Exchange and AD Synchronization - User Objects Known Limitations

ID	Known limitation
4658	If the AD to AD profile is configured to create mail-enabled users, and the source objects are mail-disabled, the objects in the target directory will be incorrectly stamped with an email address policy (if configured).
4670	There is an issue with the Target ThumbnailPhoto attribute being updated when it has been changed in the Source.
4672	When synchronizing AD to AD, converting a contact to a mail enabled user fails with an error

ID	Known limitation
	regarding duplicated ProxyAddress caused by Directory Sync Pro for Active Directory trying to add the Contact's LegacyExchangeDN as the X500 address. Since the LegacyExchangeDN is already listed as a x500 address, it cannot be added.
4678	To synchronize the UserAccountControl attribute, an Exchange Migration Directory Sync Pro for Active Directory profile should be utilized. This attribute will not be synchronized if using and Active Directory Sync profile.

General Synchronization Known Limitations

ID	Description
4652	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.
4660	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.
4669	Rooms, Resource, and Mail-in Databases are created without a proxy address or target address if the user mappings are removed.
4671	Directory Sync Pro for Active Directory cannot create an AD Container Object in the Target AD and cannot create objects that are contained in a Container.
4673	Directory Sync Pro for Active Directory does not populate the Manager attribute if the manager and subordinate are the same user.
4674	When a user object has another user object set as a manager and the manager user object does not exist in Target, the user object gets created, but the manager attribute is not set and an "unable to find Manager object" error is logged. If sIDHistory is being migrated, since this occurs after the object is created in the target, the NeedsAttention field is Zero (0), so the object is not resync'd and the manager attribute is not updated. If sIDHistory is not being migrated, the NeedsAttention flag remains a 1, so when the manager object is synced, the manager attribute does update successfully.
4676	Discover Custom Attributes may not launch or complete correctly when run multiple times. Restarting the Directory Sync Pro for Active Directory Service resolves this issue.
47835	An AD exception occurs when a Move operation is performed on a target object under the Users container.

Installation Known Limitations

ID	Description
4659	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

ID	Description
	the functionality of either product.
4668	A new passive node is created if Directory Sync Pro for Active Directory is uninstalled and re-installed and pointed to an existing SQL database.
4679	If using McAfee Antivirus software, the BTPassSvc.exe file should be excluded so it is not viewed as a potential virus.
4680	If using Symantec Antivirus software, the BTPassSvc.exe file should be added as an exception, so it is not viewed as a potential virus.
14625	If certain values in the advanced menu, such as Auto Map or Discover custom attributes, are grayed out following an installation, you may need to wait a while and then restart the service for them to become active.
45332	An empty passphrase during installation is not allowed.

Licensing Known Limitations

Issue ID	Description
4648	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.

Mapping Known Limitations

ID	Description
4663	Creating a mapping and synchronizing the group attribute msExchCoManagedByLink from AD to AD will cause a synchronization error in the Directory Sync Pro for Active Directory log and the group object will not be created or updated in the target AD.

Matching Known Limitations

Issue ID	Description
4655	Enabled IPV6 on the Directory Sync Pro for Active Directory (DirSync) servers can cause referral matching to fail. IPV4 is the preferred version.

Table 13. Override Known Limitations

ID	Description
4664	When you save an override, Directory Sync Pro for Active Directory 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

ID	Description
	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.

SQL Known Limitations

ID	Description
4649	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. Quest strongly recommends that updates and deletes are made from the source directory only.
4653	Removing a synchronization profile by using the Remove Domain button in the Directory Sync Pro for Active Directory UI does not remove the information from the SQL database.
4654	BT_Config.Description column exists in the SQL table, but is no longer used in the UI.

UI Known Limitations

ID	Description
4656	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.

System Requirements

Refer to the Directory Sync Pro for Active Directory and Migrator Pro for Active Directory 20.11.4.1 [Requirements and Installation Guide](#) for system requirements.

Product Licensing

A valid license is required for Directory Sync Pro for Active Directory and Migration Pro for Active Directory.

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When opening the application for the first time, you are prompted to add a license before proceeding.

To view or add a license file:

1. In the upper-right menu, under Settings, select **Licenses**.
2. View the existing license info or click **Add License**.

Upgrade and Installation Instructions

Refer to the Directory Sync Pro for Active Directory and Migrator Pro for Active Directory 20.11.4.1 [Requirements and Installation Guide](#) for installation instructions.

More resources

Additional information is available in the [online product documentation](#).

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).

Third-party contributions

This product contains the following third-party components. For third-party license information, go to <https://www.quest.com/legal/license-agreements.aspx>. Source code for components marked with an asterisk (*) is available at <https://opensource.quest.com>.

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